

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031819\
 Data File : BM019225.D
 Acq On : 18 Mar 2019 20:53
 Operator : JU/SJ
 Sample : K1947-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B100-031219MS

Manual Integrations
 APPROVED

Sohil
 3/19/2019 5:28:03 PM

Quant Time: Mar 19 07:36:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	204519	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	912773	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	564810	20.00	ng	-0.02
64) Phenanthrene-d10	17.06	188	1233040	20.00	ng	-0.02
76) Chrysene-d12	21.26	240	1012532	20.00	ng	-0.02
87) Perylene-d12	23.49	264	893983	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	1933962	153.14	ng	0.00
7) Phenol-d6	6.84	99	2923847	158.28	ng	0.00
23) Nitrobenzene-d5	8.82	82	1817595	94.13	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	1316674	157.89	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3907138	89.98	ng	-0.02
79) Terphenyl-d14	19.70	244	5606797	109.93	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	182369	32.462	ng	98
3) Pyridine	3.61	79	342194	22.389	ng	98
4) n-Nitrosodimethylamine	3.53	42	174939	36.817	ng	99
6) Aniline	7.00	93	719148	30.154	ng	99
8) 2-Chlorophenol	7.22	128	706363	46.545	ng	98
9) Benzaldehyde	6.81	77	251141	21.615	ng	99
10) Phenol	6.86	94	1018085	51.140	ng	99
11) bis(2-Chloroethyl)ether	7.09	93	629595	41.446	ng	99
12) 1,3-Dichlorobenzene	7.53	146	650027	40.475	ng	100
13) 1,4-Dichlorobenzene	7.68	146	674174	41.175	ng	99
14) 1,2-Dichlorobenzene	7.99	146	666554	41.843	ng	99
15) Benzyl Alcohol	7.90	79	685954	44.868	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.18	45	628721	40.534	ng	100
17) 2-Methylphenol	8.10	107	634252	48.891	ng	99
18) Hexachloroethane	8.70	117	246015	40.436	ng	96
19) n-Nitroso-di-n-propylamine	8.46	70	637882	42.092	ng	98
20) 3+4-Methylphenols	8.43	107	870593	49.440	ng	99
22) Acetophenone	8.48	105	1069798	42.410	ng	# 100
24) Nitrobenzene	8.86	77	893154	44.475	ng	99
25) Isophorone	9.38	82	1640829	44.532	ng	99
26) 2-Nitrophenol	9.56	139	393565	47.279	ng	99
27) 2,4-Dimethylphenol	9.62	122	699306	56.508	ng	99
28) bis(2-Chloroethoxy)methane	9.86	93	978328	44.842	ng	99
29) 2,4-Dichlorophenol	10.09	162	721181	52.618	ng	99
30) 1,2,4-Trichlorobenzene	10.29	180	705462	45.647	ng	100
31) Naphthalene	10.48	128	2163933	44.979	ng	100
32) Benzoic acid	9.79	122	360876m	34.432	ng	
33) 4-Chloroaniline	10.62	127	411175	20.849	ng	100
34) Hexachlorobutadiene	10.75	225	370103	41.730	ng	99
35) Caprolactam	11.45	113	238622m	48.874	ng	
36) 4-Chloro-3-methylphenol	11.75	107	839410	49.635	ng	98
37) 2-Methylnaphthalene	12.10	142	1668749	47.733	ng	99
38) 1-Methylnaphthalene	12.33	142	1597035	46.346	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	804718	45.041	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031819\
 Data File : BM019225.D
 Acq On : 18 Mar 2019 20:53
 Operator : JU/SJ
 Sample : K1947-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B100-031219MS

Manual Integrations
 APPROVED

Sohil
 3/19/2019 5:28:03 PM

Quant Time: Mar 19 07:36:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.43	237	675068	83.416	nq	98
43) 2,4,6-Trichlorophenol	12.73	196	600447	52.005	nq	98
44) 2,4,5-Trichlorophenol	12.80	196	637835	51.661	nq	98
46) 1,1'-Biphenyl	13.13	154	2171588	44.026	nq	98
47) 2-Chloronaphthalene	13.17	162	1694856	46.033	nq	99
48) 2-Nitroaniline	13.40	65	584131	47.306	nq	96
49) Acenaphthylene	14.03	152	2802019	45.009	nq	99
50) Dimethylphthalate	13.77	163	2542010	52.611	nq	99
51) 2,6-Dinitrotoluene	13.90	165	492210	47.125	nq	96
52) Acenaphthene	14.37	154	1611315	45.044	nq	99
53) 3-Nitroaniline	14.24	138	350050	31.644	nq	99
54) 2,4-Dinitrophenol	14.45	184	342851	56.523	nq	97
55) Dibenzofuran	14.70	168	2626043	45.521	nq	100
56) 4-Nitrophenol	14.56	139	780814	86.450	nq	94
57) 2,4-Dinitrotoluene	14.70	165	696169	45.917	nq	100
58) Fluorene	15.36	166	2178269	45.809	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	569348	49.534	nq	99
60) Diethylphthalate	15.14	149	2254953	46.081	nq	100
61) 4-Chlorophenyl-phenylether	15.36	204	1069066	46.290	nq	96
62) 4-Nitroaniline	15.42	138	451811	40.527	nq	98
63) Azobenzene	15.65	77	2353738	45.710	nq	98
65) 4,6-Dinitro-2-methylphenol	15.46	198	280416	34.705	nq	99
66) n-Nitrosodiphenylamine	15.58	169	1888075	48.097	nq	99
67) 4-Bromophenyl-phenylether	16.25	248	643846	47.351	nq	97
68) Hexachlorobenzene	16.36	284	756733	46.811	nq	96
69) Atrazine	16.54	200	648199	49.052	nq	99
70) Pentachlorophenol	16.71	266	874055	89.742	nq	99
71) Phenanthrene	17.10	178	3266145	45.192	nq	100
72) Anthracene	17.19	178	3346465	47.298	nq	99
73) Carbazole	17.47	167	2968541	44.454	nq	99
74) Di-n-butylphthalate	18.03	149	3904274	48.349	nq	100
75) Fluoranthene	19.13	202	3473045	41.879	nq	99
77) Benzidine	19.33	184	703325	24.492	nq	99
78) Pyrene	19.49	202	3457713	53.973	nq	100
80) Butylbenzylphthalate	20.40	149	1661164	59.532	nq	98
81) Benzo(a)anthracene	21.24	228	2795239	44.004	nq	100
82) 3,3'-Dichlorobenzidine	21.19	252	898234	36.706	nq	99
83) Chrysene	21.30	228	2672237	43.483	nq	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	2459406	60.584	nq	99
85) Di-n-octyl phthalate	22.04	149	3786176	55.388	nq	100
86) Indeno(1,2,3-cd)pyrene	25.76	276	2892961	43.731	nq	99
88) Benzo(b)fluoranthene	22.81	252	2544175	43.920	nq	99
89) Benzo(k)fluoranthene	22.86	252	2546281	47.790	nq	99
90) Benzo(a)pyrene	23.39	252	2401011	46.122	nq	100
91) Dibenzo(a,h)anthracene	25.76	278	2460729	49.414	nq	99
92) Benzo(g,h,i)perylene	26.44	276	2321085	50.768	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

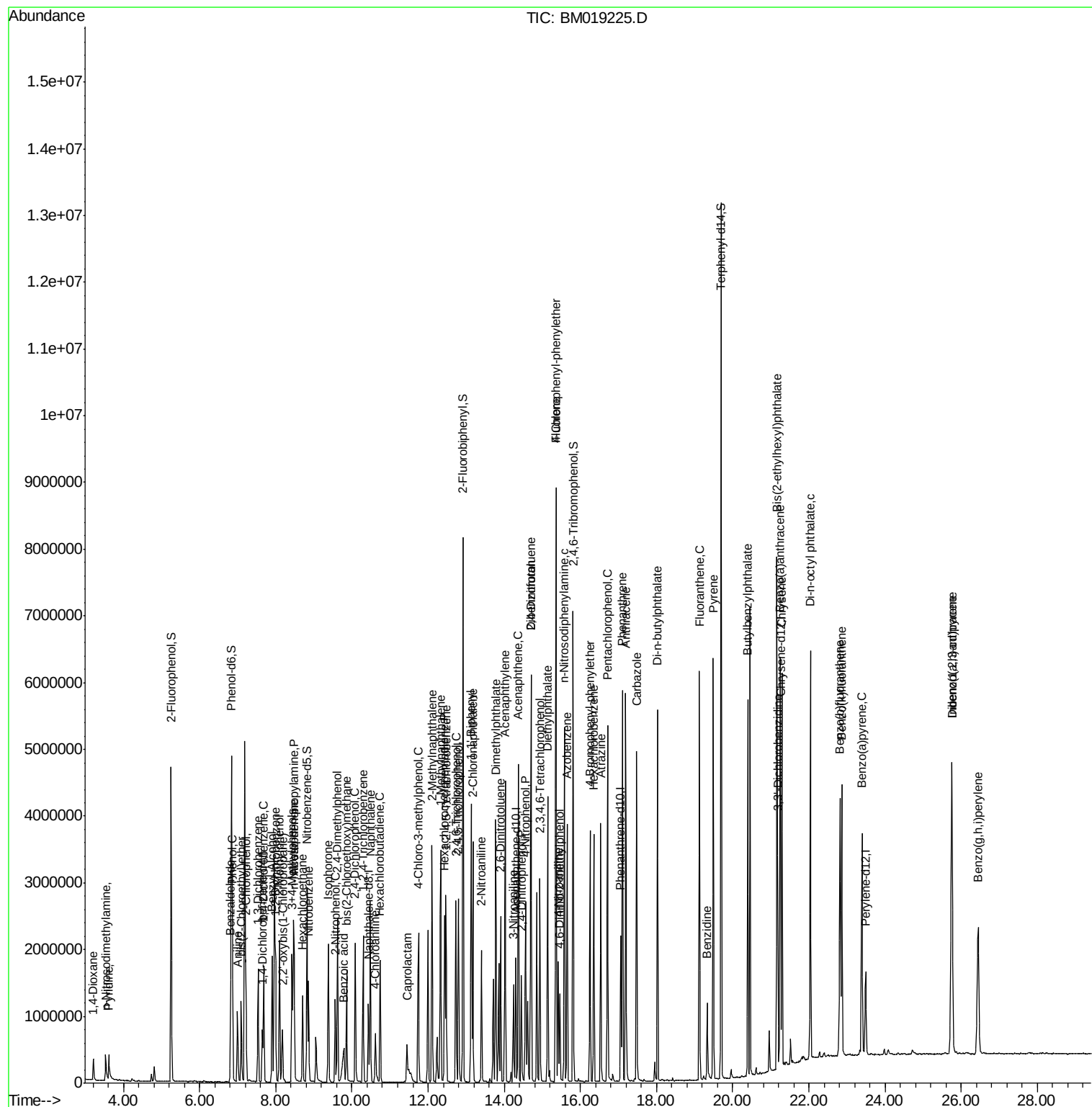
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031819\
Data File : BM019225.D
Acq On : 18 Mar 2019 20:53
Operator : JU/SJ
Sample : K1947-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

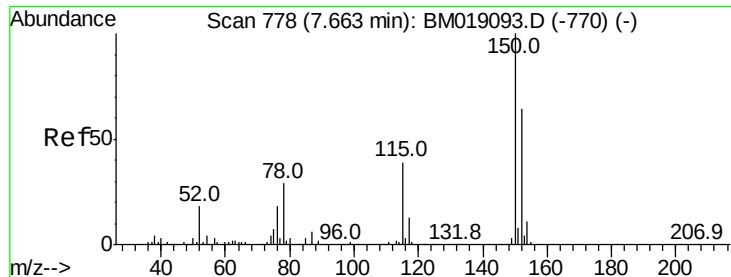
Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

Manual Integrations
APPROVED

Sohil
3/19/2019 5:28:03 PM

Quant Time: Mar 19 07:36:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 17:30:46 2019
Response via : Initial Calibration





#1

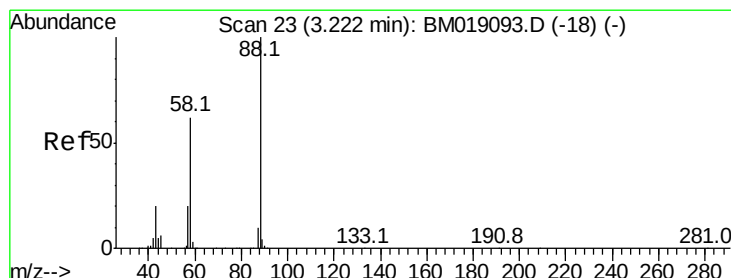
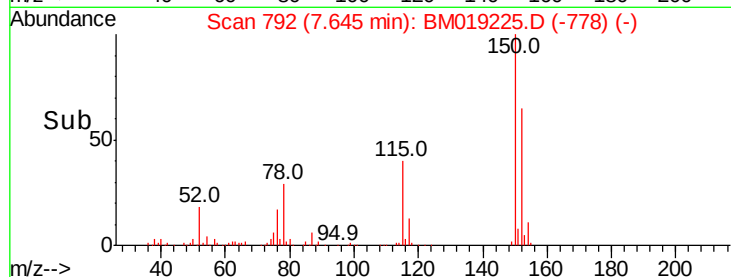
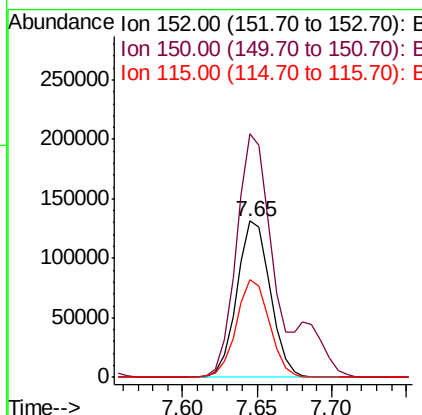
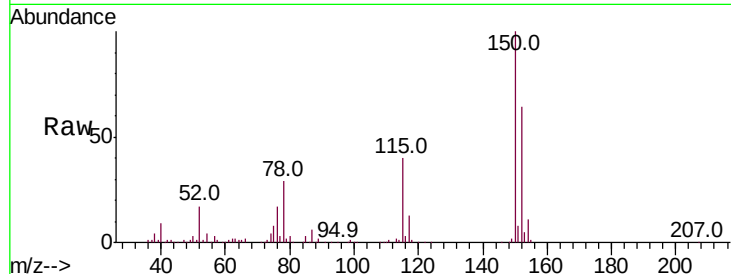
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 792
Delta R.T. -0.02 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.3	187.9
115	62.5	49.4	74.0

Manual Integrations
APPROVED

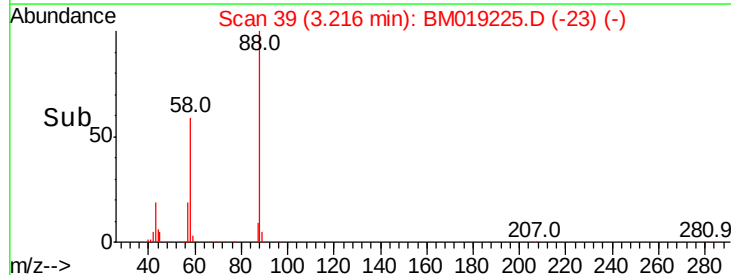
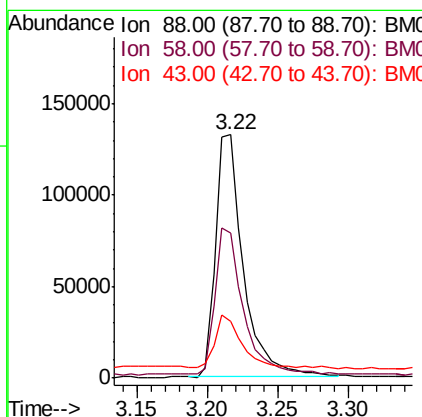
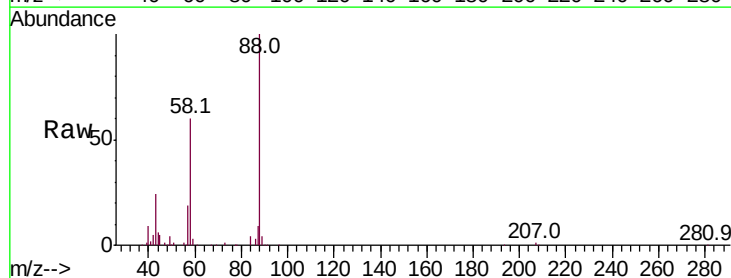
Sohil
3/19/2019 5:28:03 PM

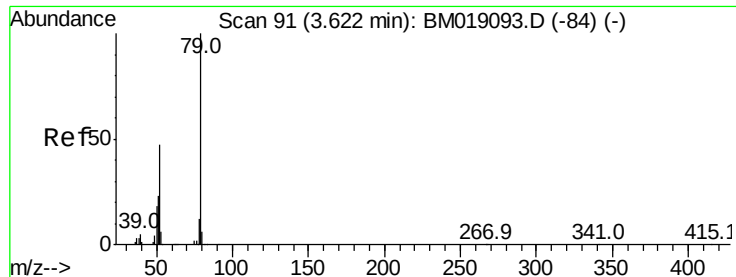


#2

1,4-Dioxane
Concen: 32.462 ng
RT: 3.22 min Scan# 39
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.6	50.0	75.0
43	21.4	17.0	25.4





#3

Pvridine

Concen: 22.389 ng

RT: 3.61 min Scan# 106

Delta R.T. -0.01 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Instrument :

BNA_M

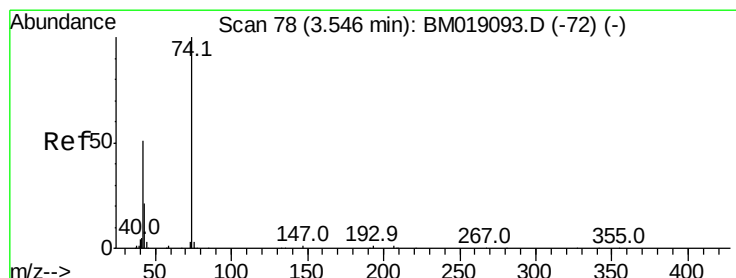
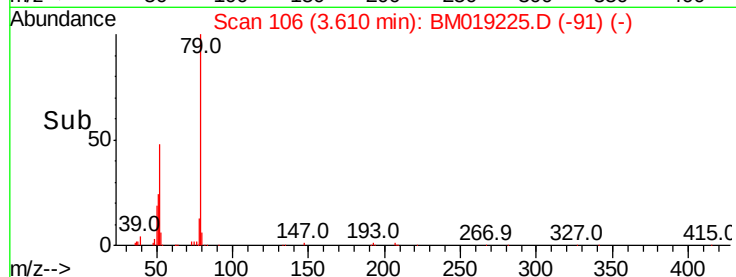
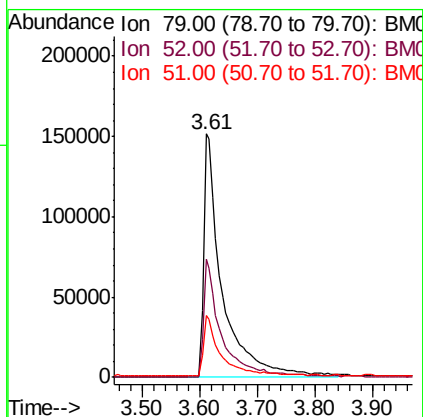
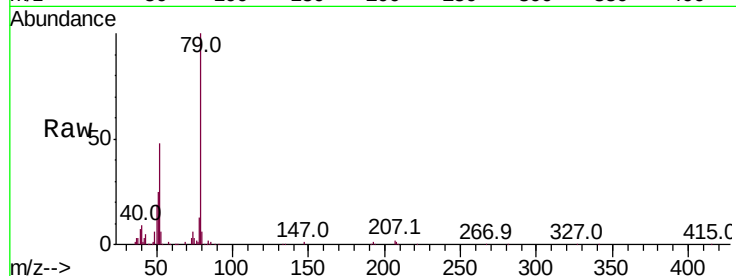
ClientSampleId :

PST-028-B100-031219MS

Tot Ion:	79	Resp:	342194
Ion Ratio	Lower	Upper	
79	100		
52	48.3	37.5	56.3
51	25.2	19.2	28.8

Manual Integrations
APPROVED

Sohil
3/19/2019 5:28:03 PM



#4

n-Nitrosodimethylamine

Concen: 36.817 ng

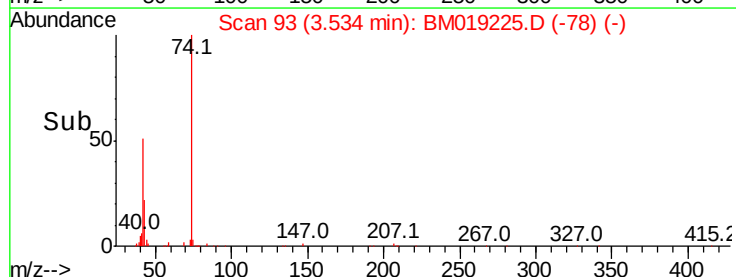
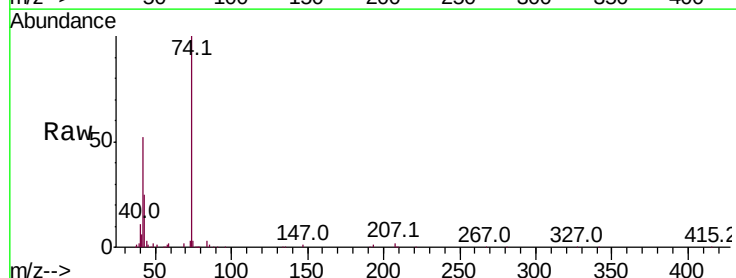
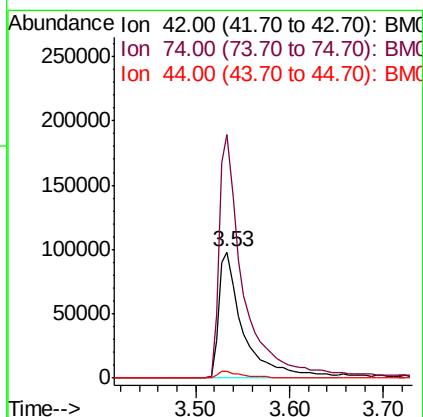
RT: 3.53 min Scan# 93

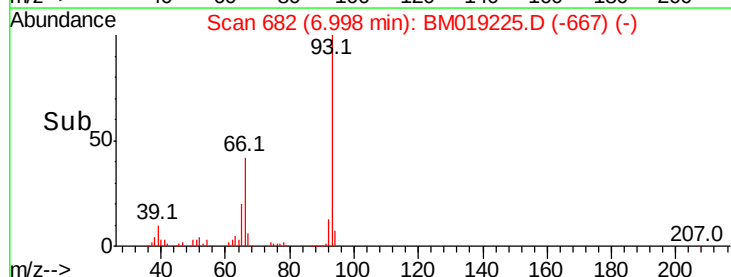
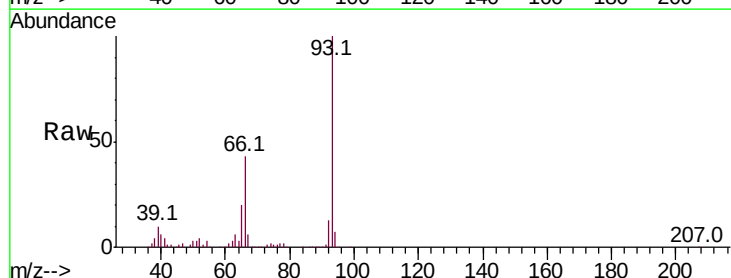
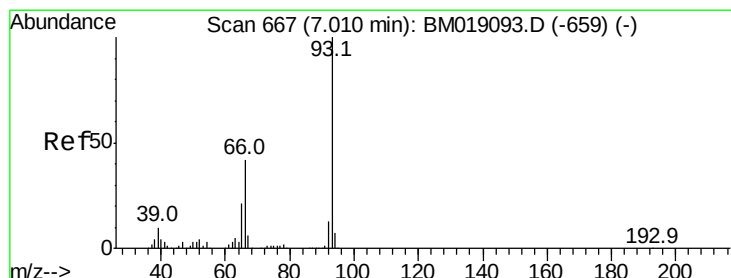
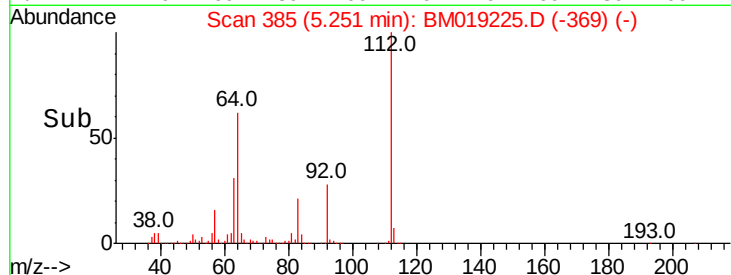
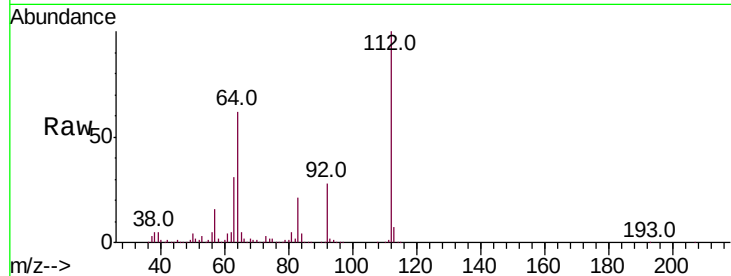
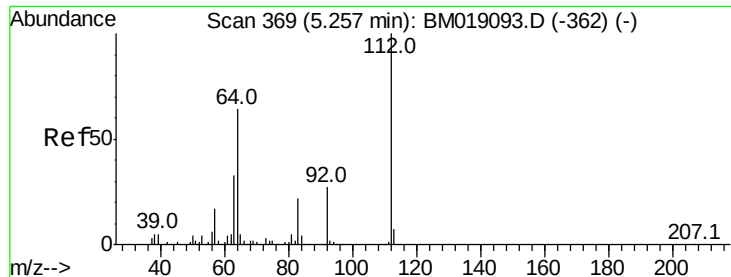
Delta R.T. -0.01 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Tgt Ion:	42	Resp:	174939
Ion Ratio	Lower	Upper	
42	100		
74	193.3	156.3	234.5
44	5.6	4.6	7.0





#5

2-Fluorophenol

Concen: 153.140 ng

RT: 5.25 min Scan# 385

Delta R.T. -0.01 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Tot Ion: 112 Resp: 1933962

Ion Ratio Lower Upper

112 100

64 62.0 51.4 77.0

63 31.4 26.6 40.0

Instrument :

BNA_M

ClientSampleId :

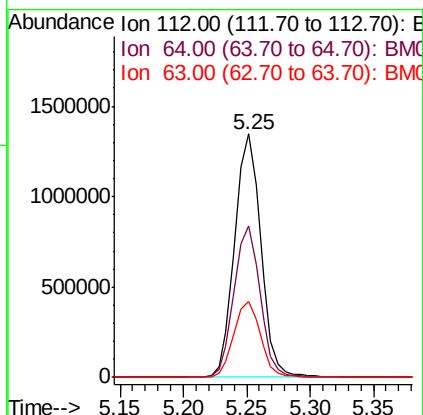
PST-028-B100-031219MS

Manual Integrations

APPROVED

Sohil

3/19/2019 5:28:03 PM



#6

Aniline

Concen: 30.154 ng

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

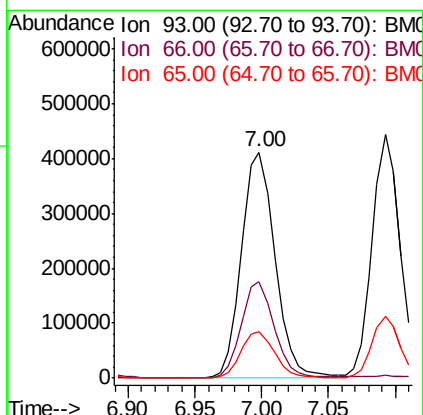
Tgt Ion: 93 Resp: 719148

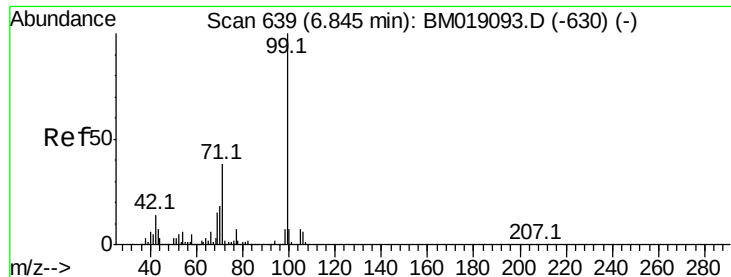
Ion Ratio Lower Upper

93 100

66 42.6 33.4 50.2

65 20.3 16.8 25.2





#7

Phenol-d6

Concen: 158.285 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Instrument :

BNA_M

ClientSampleId :

PST-028-B100-031219MS

Tot Ion: 99 Resp: 2923847

Ion Ratio Lower Upper

99 100

42 13.1 10.9 16.3

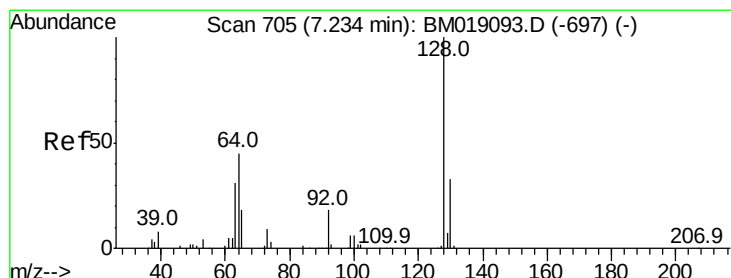
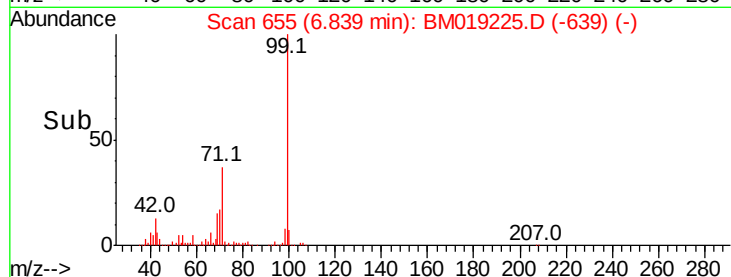
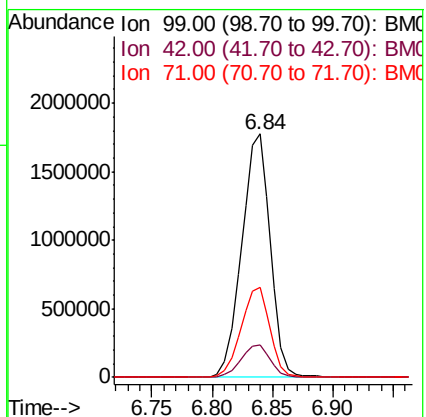
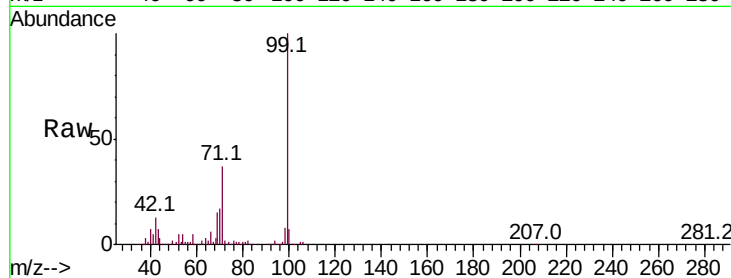
71 36.9 30.3 45.5

Manual Integrations

APPROVED

Sohil

3/19/2019 5:28:03 PM



#8

2-Chlorophenol

Concen: 46.545 ng

RT: 7.22 min Scan# 719

Delta R.T. -0.02 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

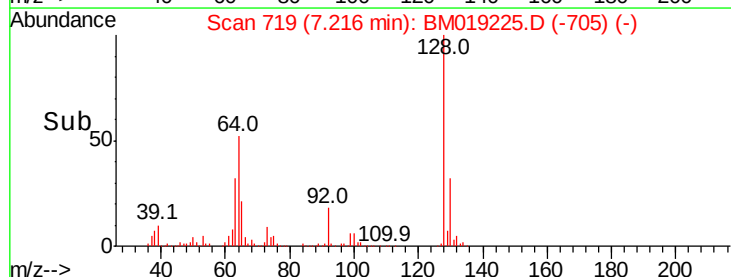
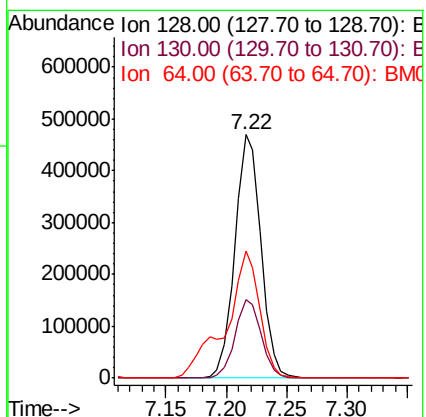
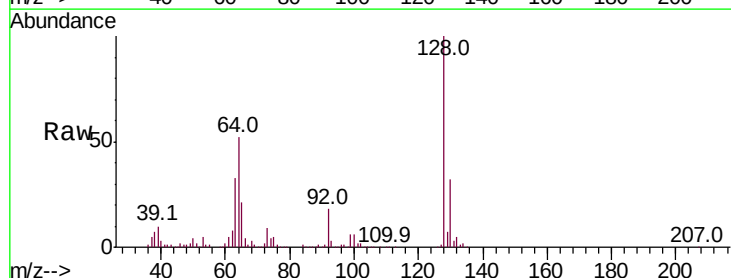
Tgt Ion: 128 Resp: 706363

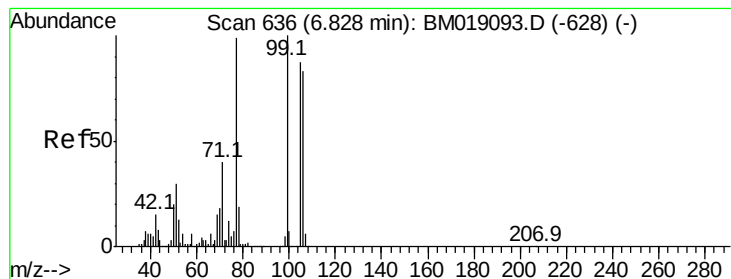
Ion Ratio Lower Upper

128 100

130 32.1 12.8 52.8

64 52.3 30.8 70.8





#9

Benzaldehyde

Concen: 21.615 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Instrument :

BNA_M

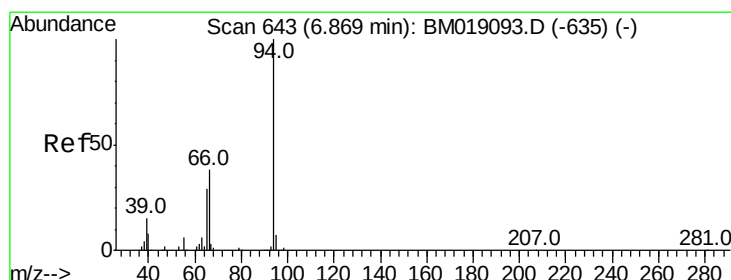
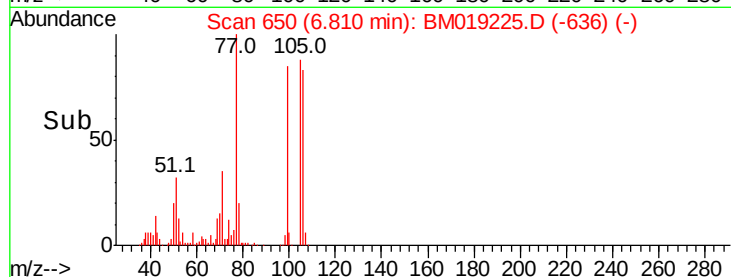
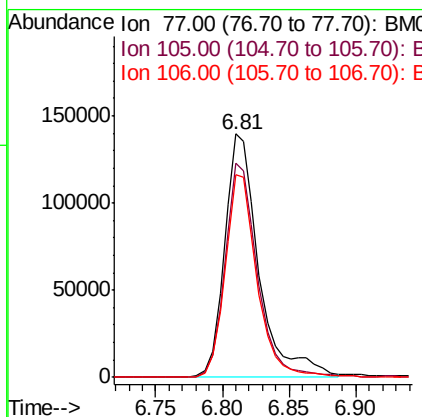
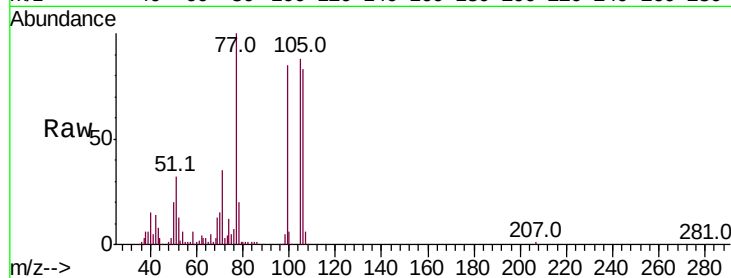
ClientSampleId :

PST-028-B100-031219MS

Tot Ion:	77	Resp:	251141
Ion Ratio	Lower	Upper	
77	100		
105	88.1	67.7	107.7
106	83.1	64.1	104.1

Manual Integrations
APPROVED

Sohil
3/19/2019 5:28:03 PM



#10

Phenol

Concen: 51.140 ng

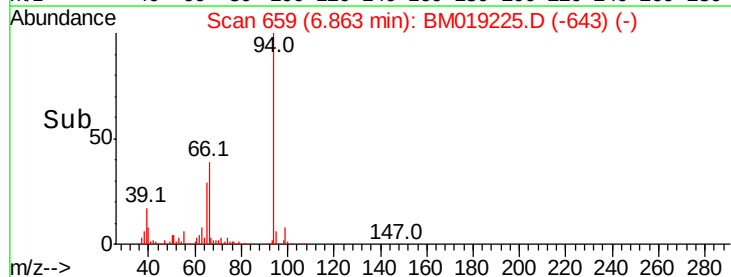
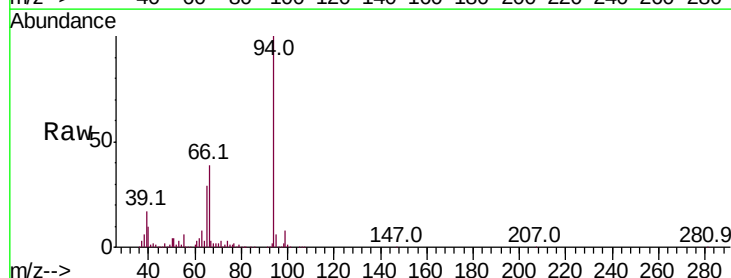
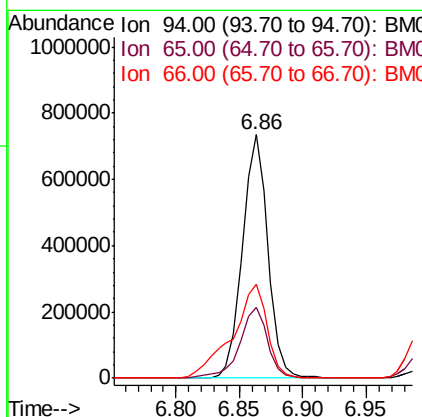
RT: 6.86 min Scan# 659

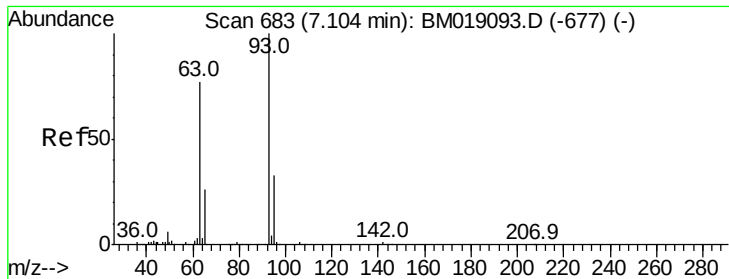
Delta R.T. -0.01 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Tgt Ion:	94	Resp:	1018085
Ion Ratio	Lower	Upper	
94	100		
65	29.3	9.7	49.7
66	38.5	19.2	59.2





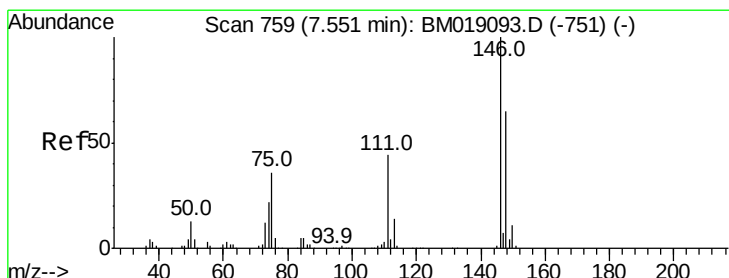
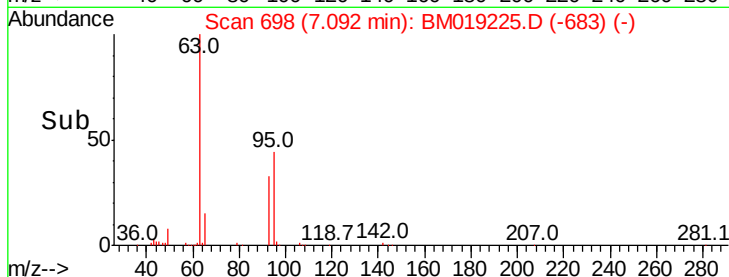
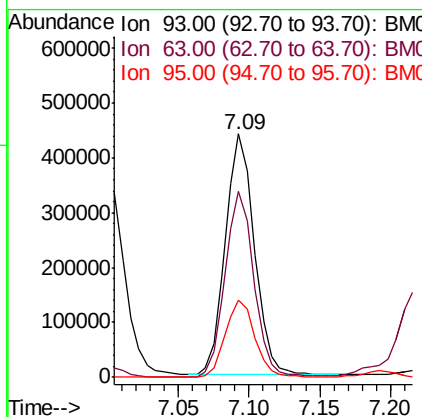
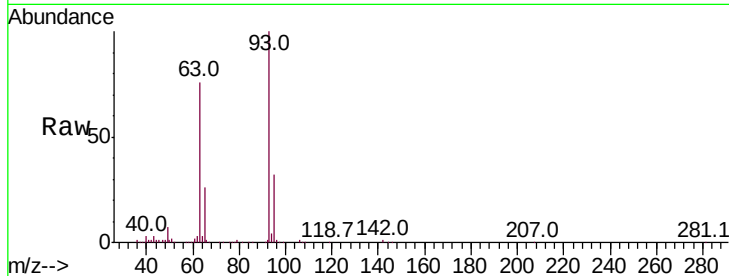
#11
bis(2-Chloroethyl)ether
Concen: 41.446 ng
RT: 7.09 min Scan# 698
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.4	56.6	96.6
95	31.8	13.0	53.0

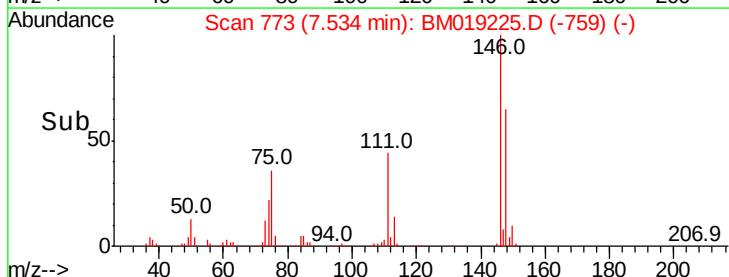
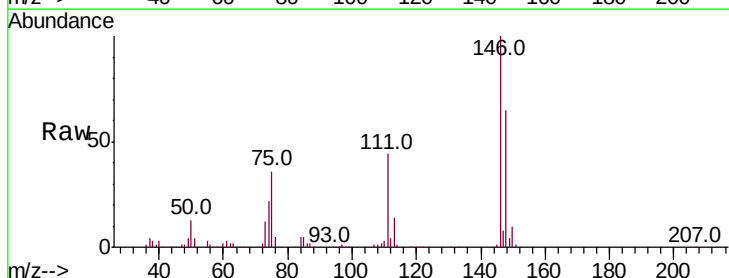
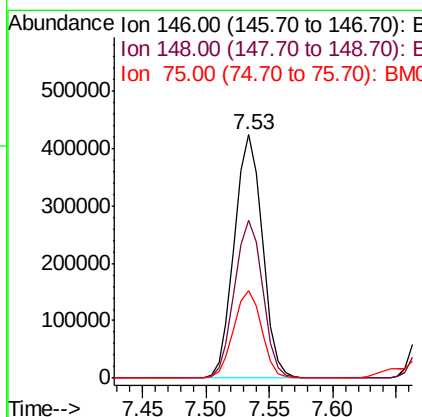
Manual Integrations
APPROVED

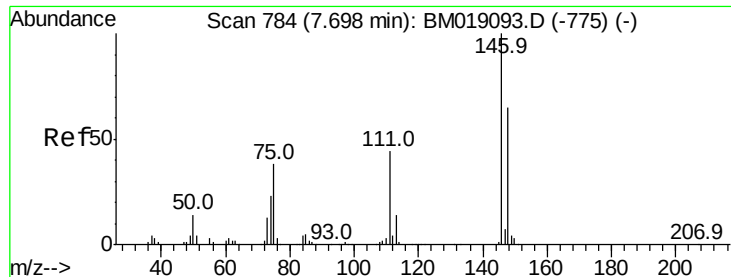
Sohil
3/19/2019 5:28:03 PM



#12
1,3-Dichlorobenzene
Concen: 40.475 ng
RT: 7.53 min Scan# 773
Delta R.T. -0.02 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.7	77.5
75	36.0	29.1	43.7





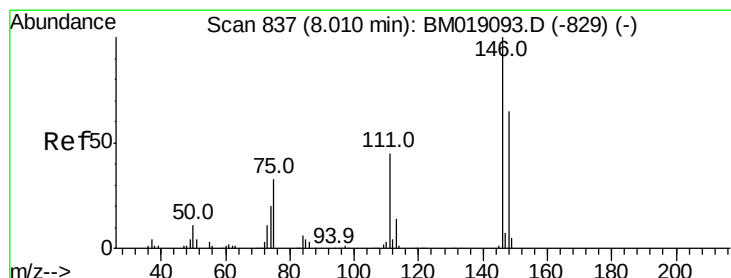
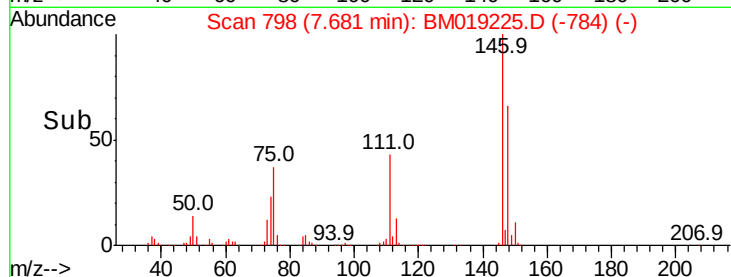
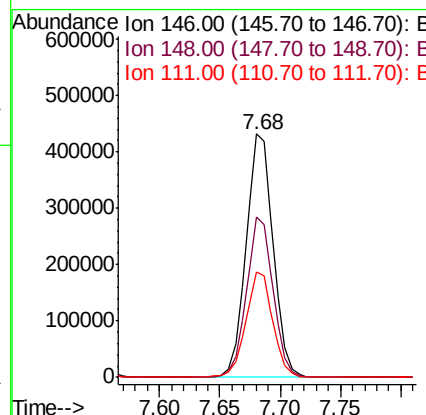
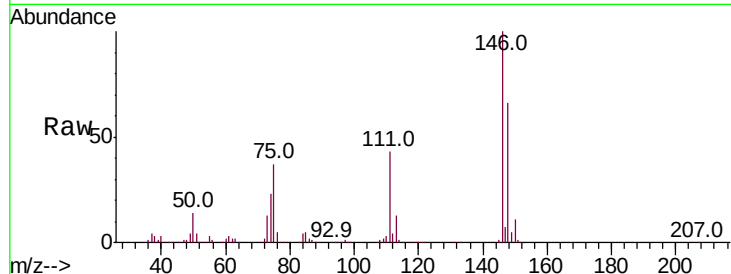
#13
1,4-Dichlorobenzene
Concen: 41.175 ng
RT: 7.68 min Scan# 798
Delta R.T. -0.02 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.8	77.6
111	43.4	35.4	53.0

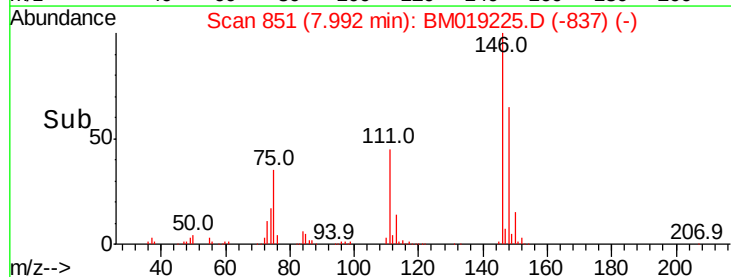
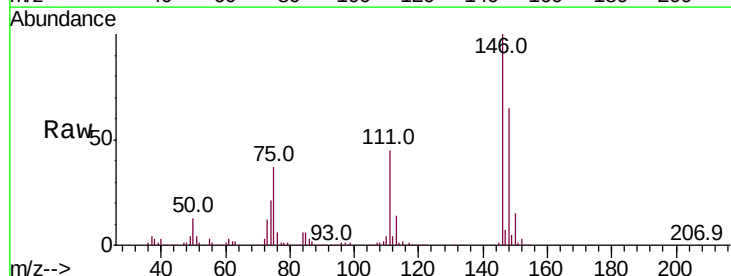
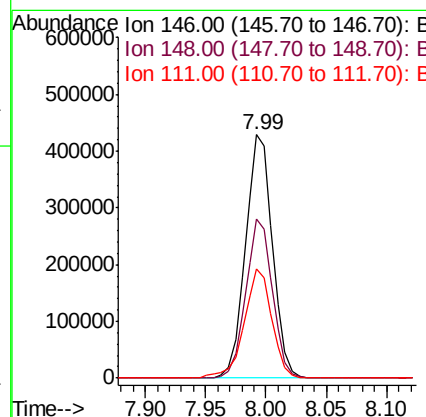
Manual Integrations
APPROVED

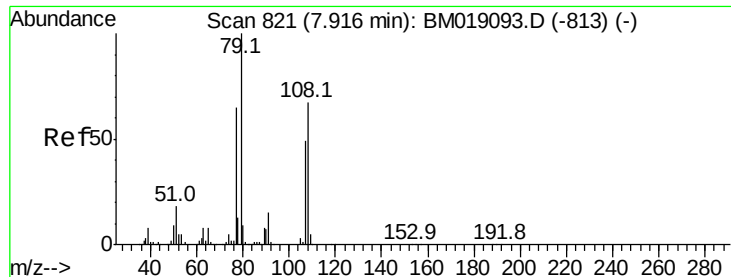
Sohil
3/19/2019 5:28:03 PM



#14
1,2-Dichlorobenzene
Concen: 41.843 ng
RT: 7.99 min Scan# 851
Delta R.T. -0.02 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.8	77.6
111	44.8	36.2	54.4





#15

Benzyl Alcohol

Concen: 44.868 ng

RT: 7.90 min Scan# 836

Delta R.T. -0.01 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Instrument :

BNA_M

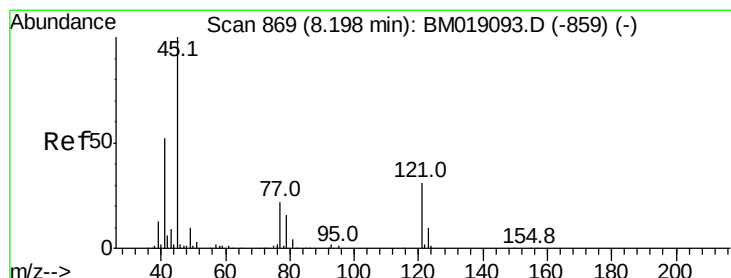
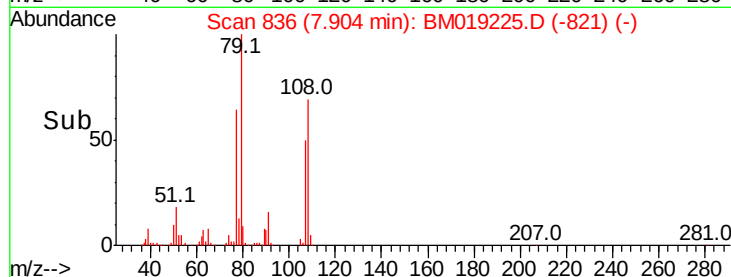
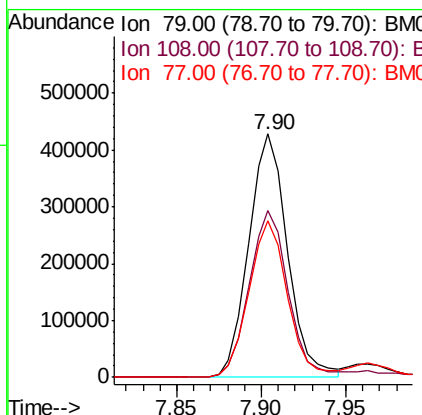
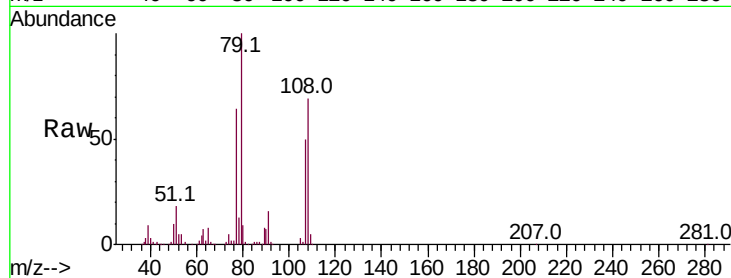
ClientSampleId :

PST-028-B100-031219MS

Tot Ion:	79	Resp:	685954
Ion Ratio	Lower	Upper	
79	100		
108	68.8	53.7	80.5
77	64.1	51.8	77.8

Manual Integrations
APPROVED

Sohil
3/19/2019 5:28:03 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.534 ng

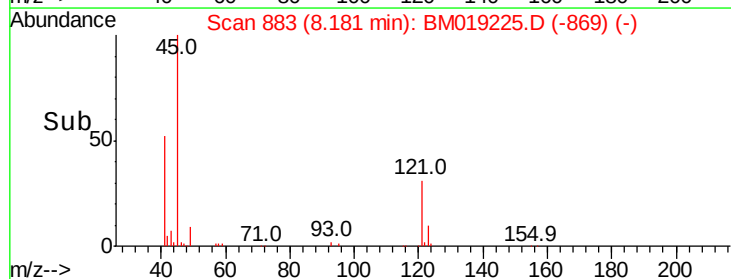
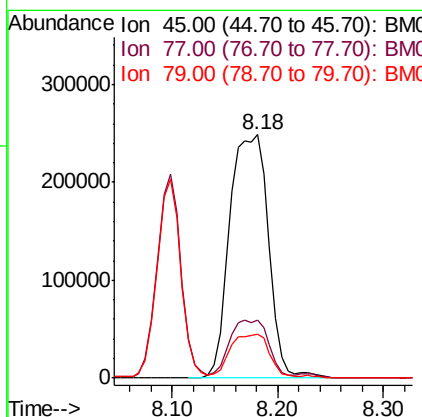
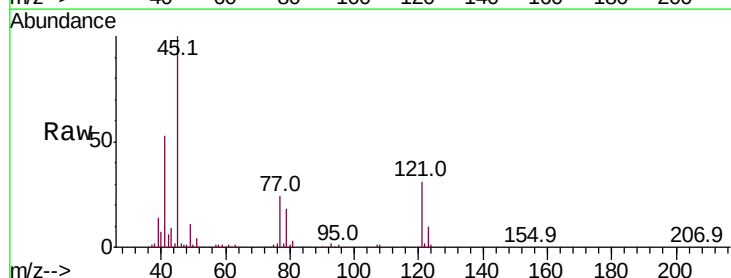
RT: 8.18 min Scan# 883

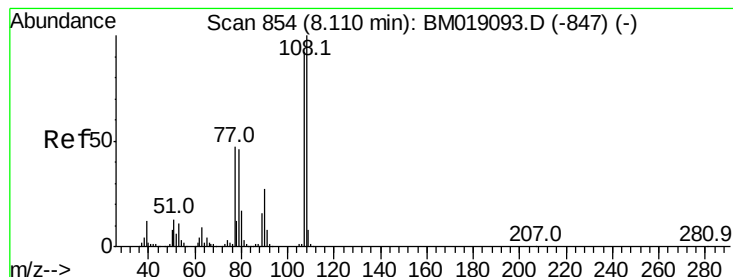
Delta R.T. -0.02 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Tgt Ion:	45	Resp:	628721
Ion Ratio	Lower	Upper	
45	100		
77	23.9	4.1	44.1
79	18.2	0.0	38.1





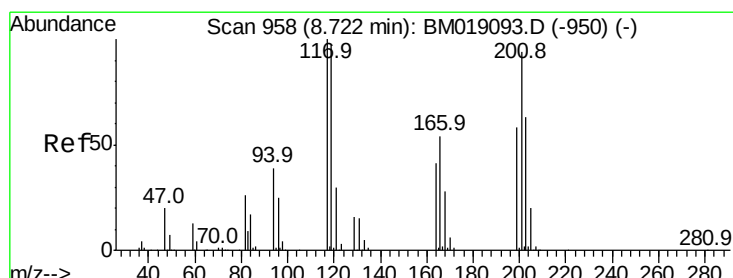
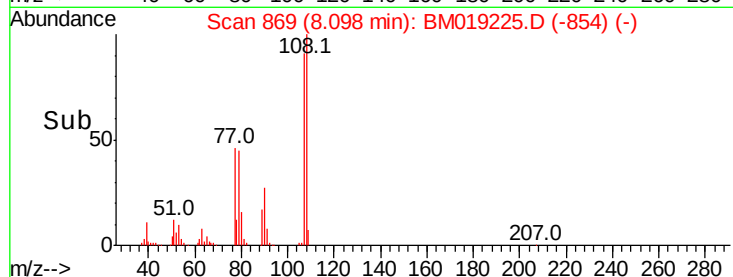
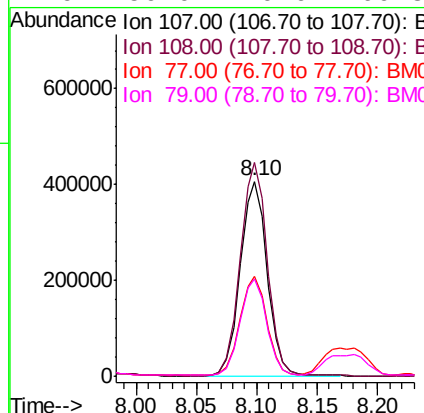
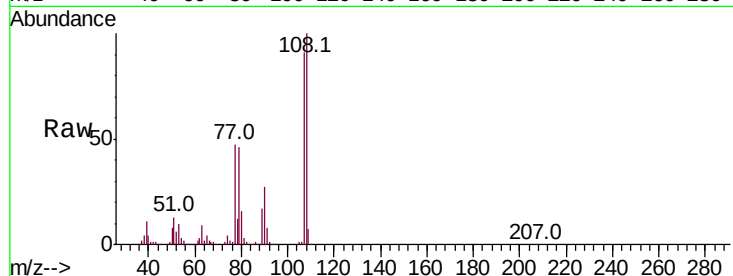
#17
2-Methylphenol
Concen: 48.891 ng
RT: 8.10 min Scan# 869
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.6	87.4	131.2	
77	51.4	41.6	62.4	
79	50.0	40.6	60.8	

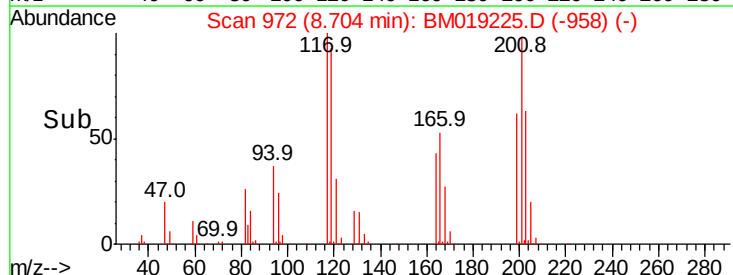
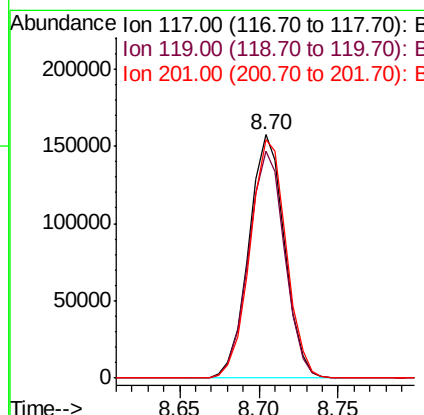
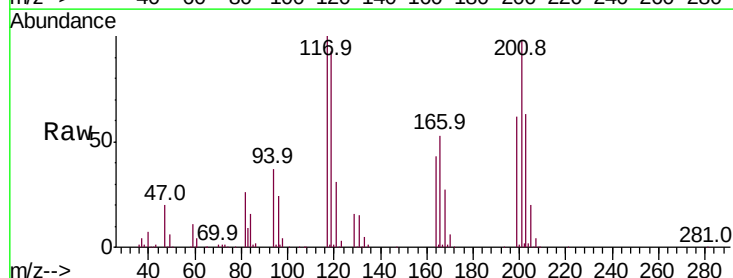
Manual Integrations
APPROVED

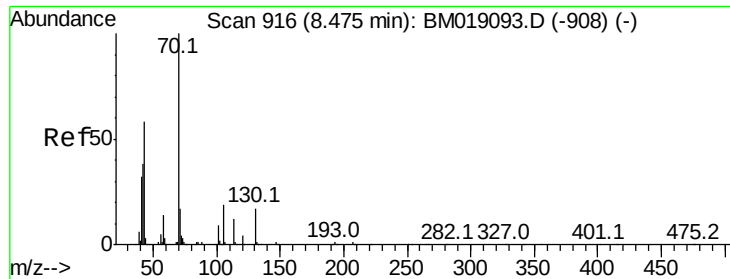
Sohil
3/19/2019 5:28:03 PM



#18
Hexachloroethane
Concen: 40.436 ng
RT: 8.70 min Scan# 972
Delta R.T. -0.02 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.3	77.4	116.2	
201	98.2	75.2	112.8	





#19

n-Nitroso-di-n-propylamine

Concen: 42.092 ng

RT: 8.46 min Scan# 931

Delta R.T. -0.01 min

Lab File: BM019225.D

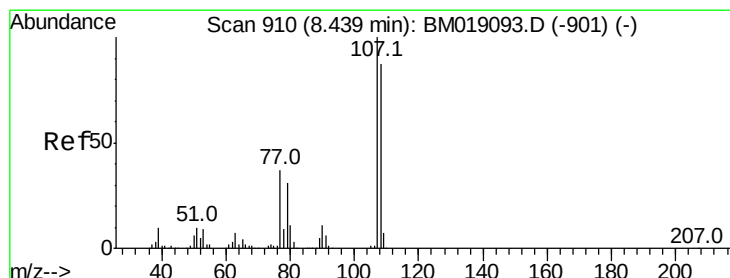
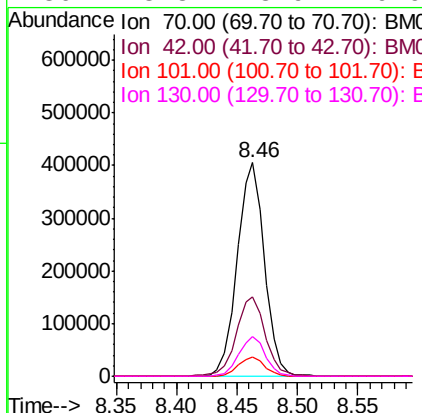
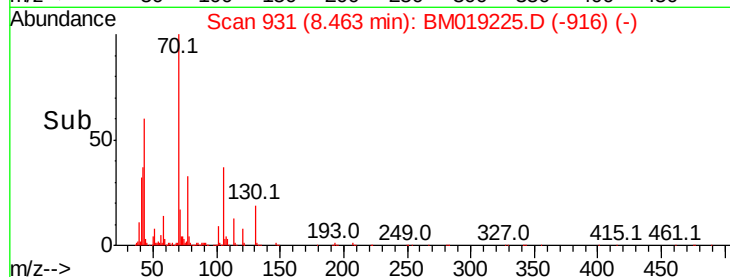
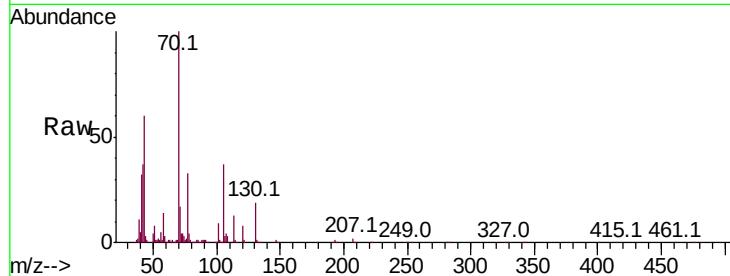
Acq: 18 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		637882		
42	37.2	30.6	45.8		
101	8.9	6.8	10.2		
130	18.8	13.9	20.9		

Manual Integrations
APPROVED

Sohil
3/19/2019 5:28:03 PM



#20

3+4-Methylphenols

Concen: 49.440 ng

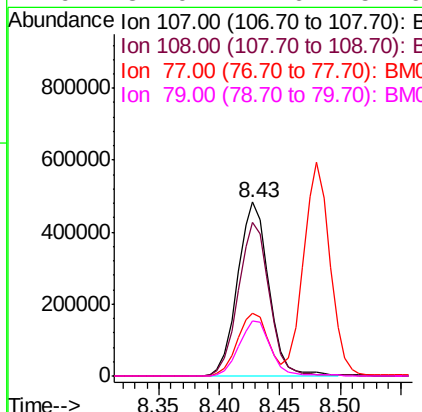
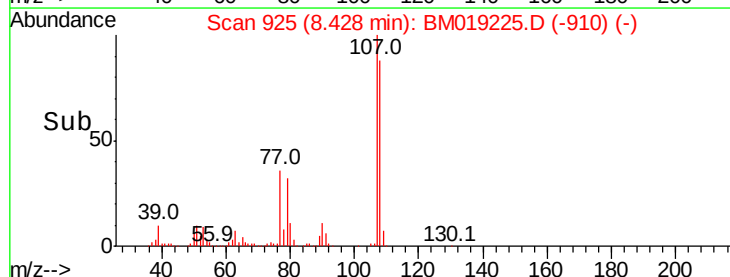
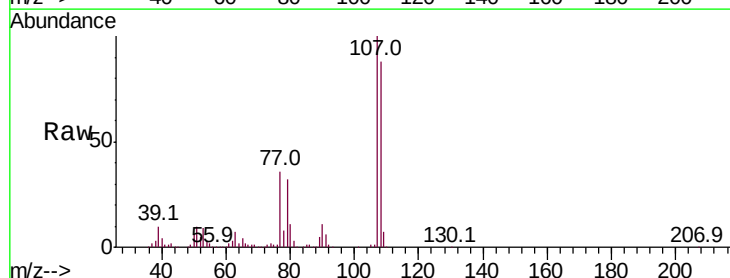
RT: 8.43 min Scan# 925

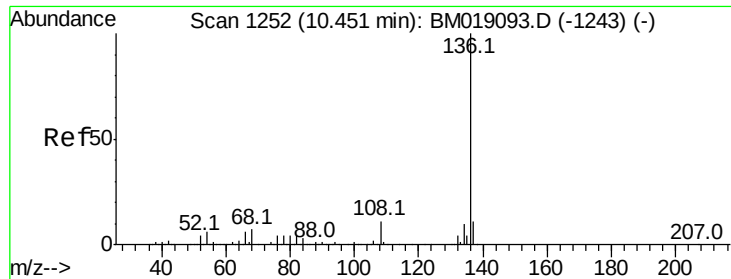
Delta R.T. -0.01 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		870593		
108	88.0	67.0	107.0		
77	35.9	17.3	57.3		
79	32.0	11.6	51.6		





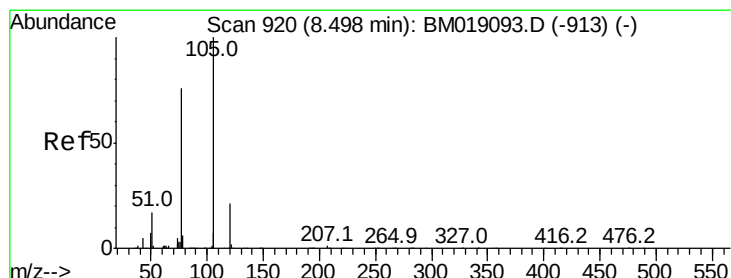
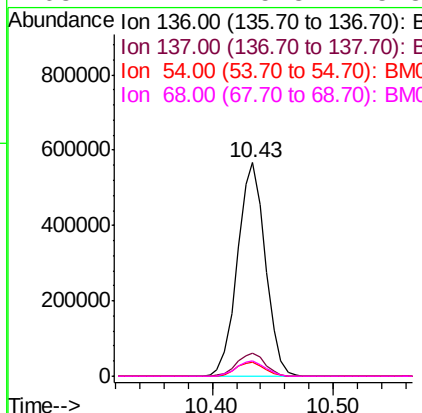
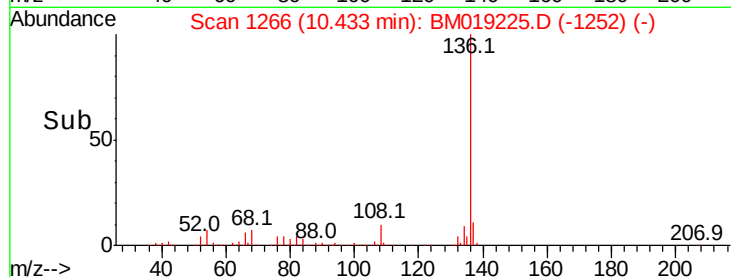
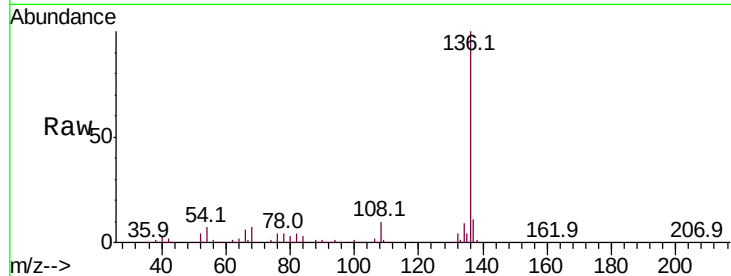
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	912773		
137	11.1	8.6	13.0	
54	6.6	5.2	7.8	
68	7.2	5.8	8.8	

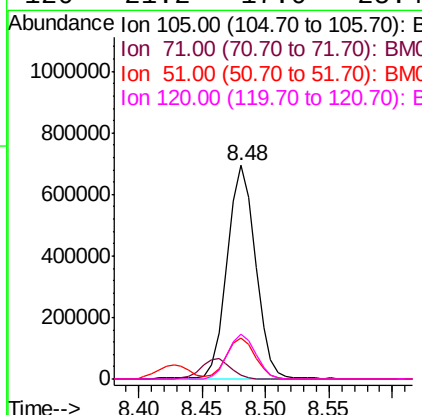
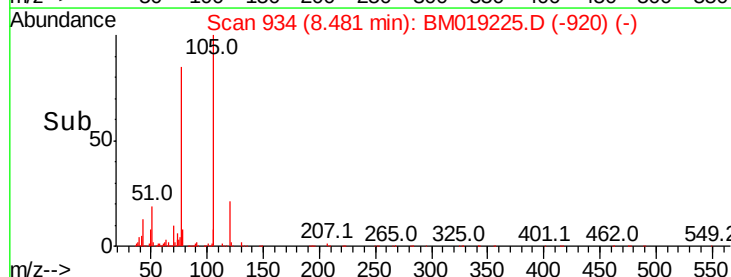
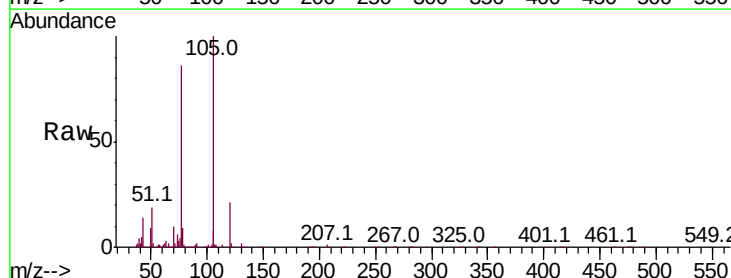
Manual Integrations
APPROVED

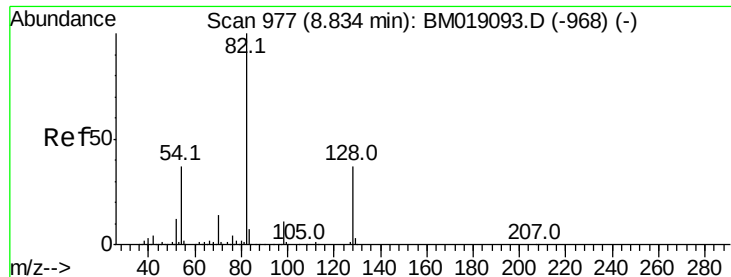
Sohil
3/19/2019 5:28:03 PM



#22
Acetophenone
Concen: 42.410 ng
RT: 8.48 min Scan# 934
Delta R.T. -0.02 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1069798		
71	1.8	0.8	1.2#	
51	19.4	15.8	23.6	
120	21.2	17.0	25.4	





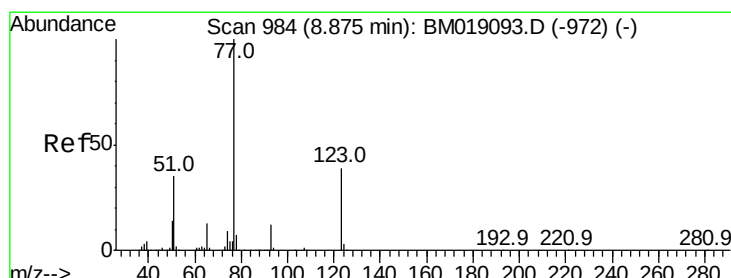
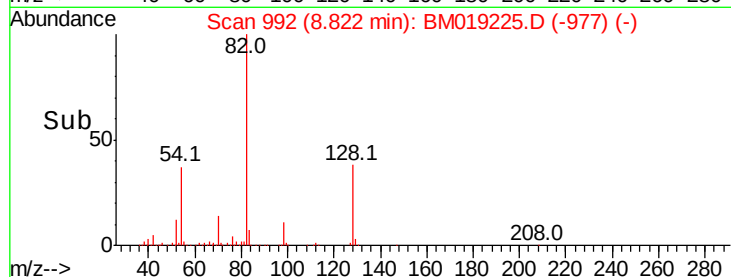
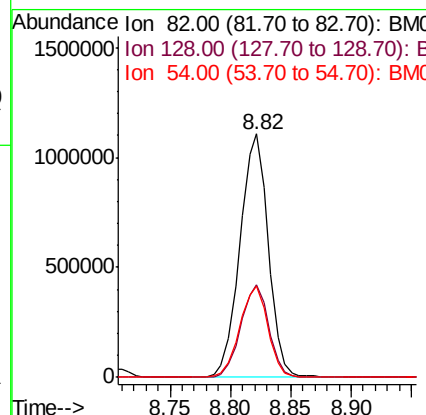
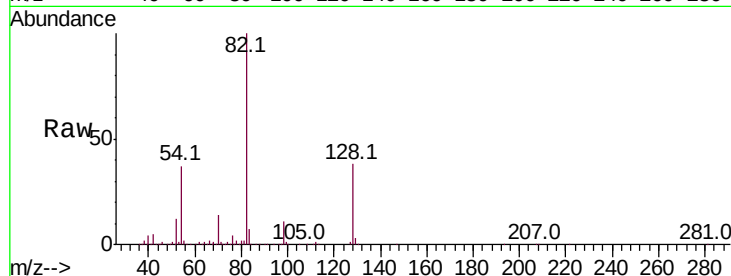
#23
Nitrobenzene-d5
Concen: 94.129 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.3	29.4	44.2
54	37.4	29.9	44.9

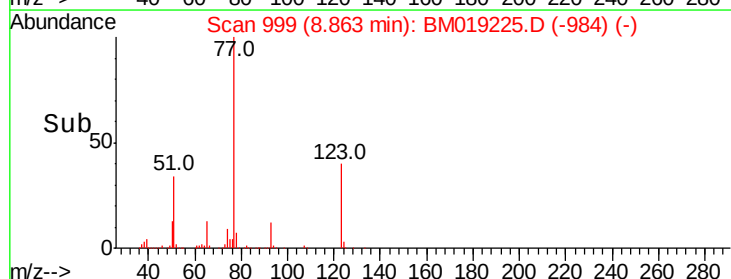
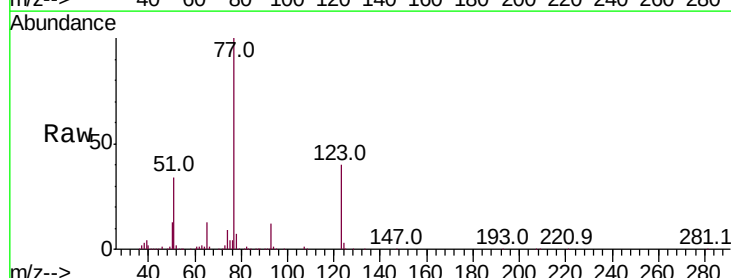
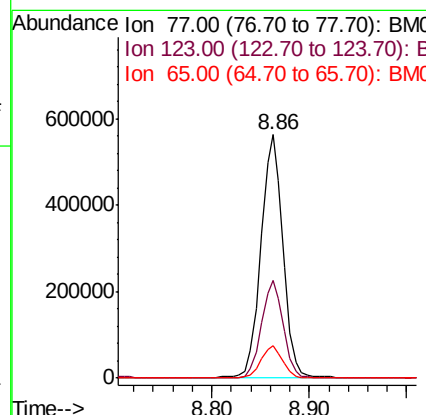
Manual Integrations
APPROVED

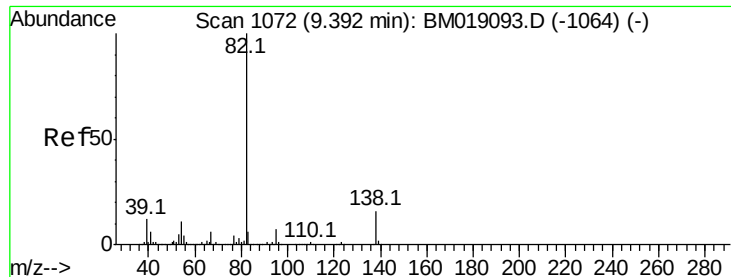
Sohil
3/19/2019 5:28:03 PM



#24
Nitrobenzene
Concen: 44.475 ng
RT: 8.86 min Scan# 999
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.2	31.3	46.9
65	13.1	10.5	15.7





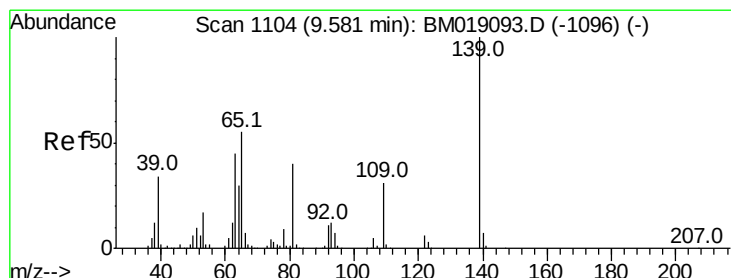
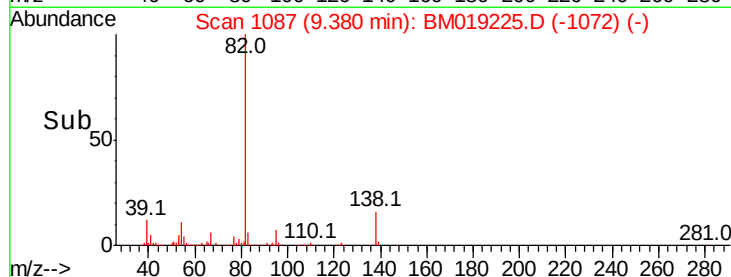
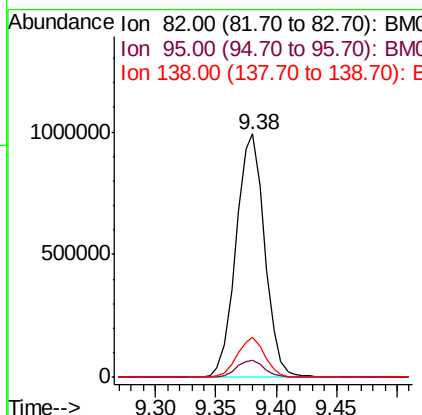
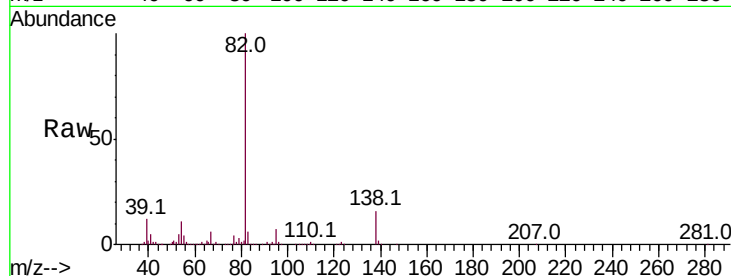
#25
Isophorone
Concen: 44.532 ng
RT: 9.38 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.4	8.2
138	16.5	12.6	18.8

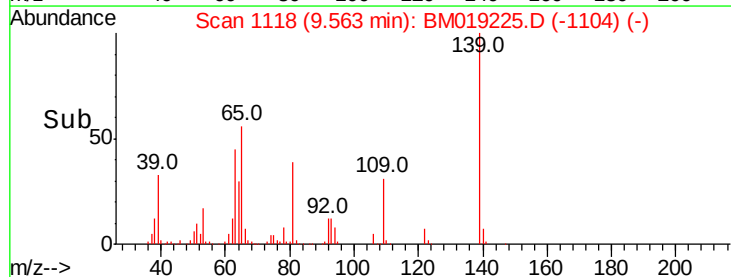
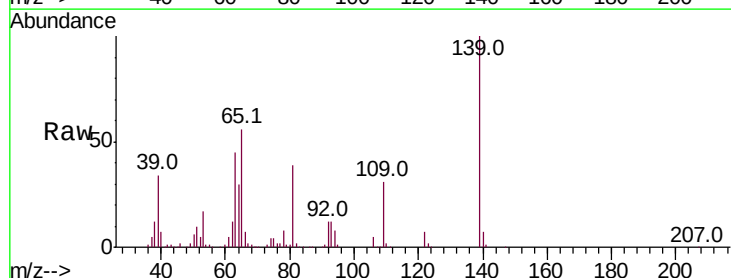
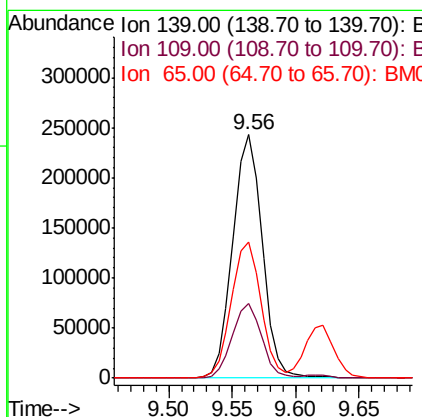
Manual Integrations
APPROVED

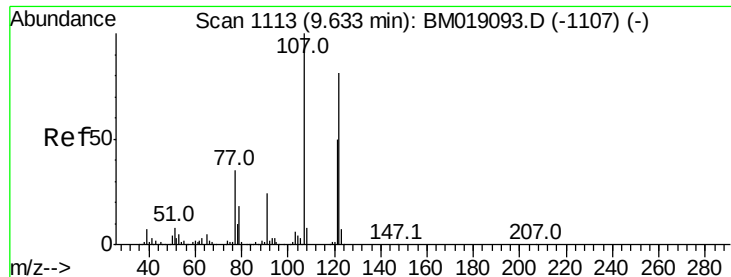
Sohil
3/19/2019 5:28:03 PM



#26
2-Nitrophenol
Concen: 47.279 ng
RT: 9.56 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.6	24.5	36.7
65	56.1	44.4	66.6





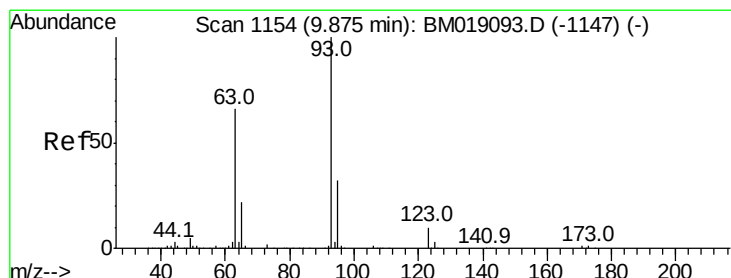
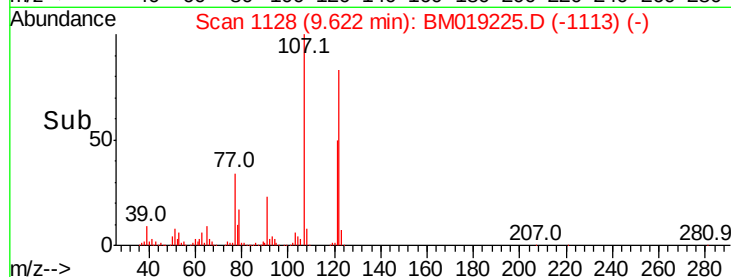
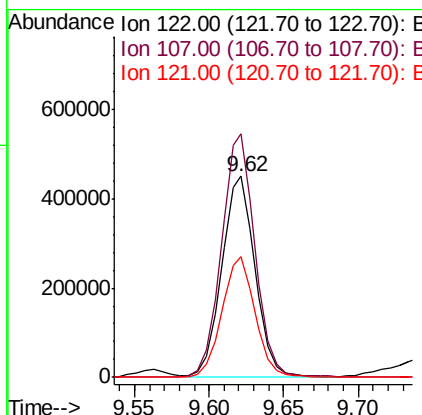
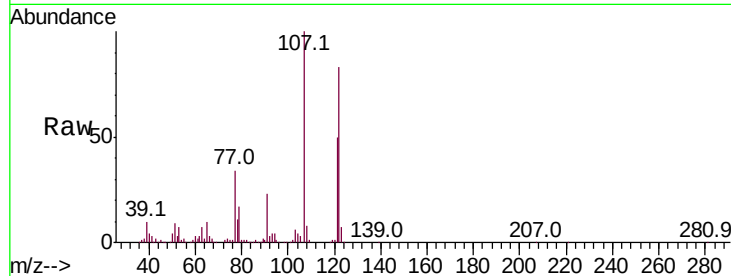
#27
 2,4-Dimethylphenol
 Concen: 56.508 ng
 RT: 9.62 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B100-031219MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	699306		
107	120.9	98.2	147.4	
121	60.2	48.8	73.2	

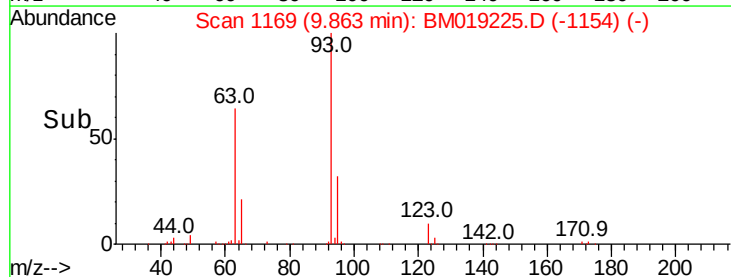
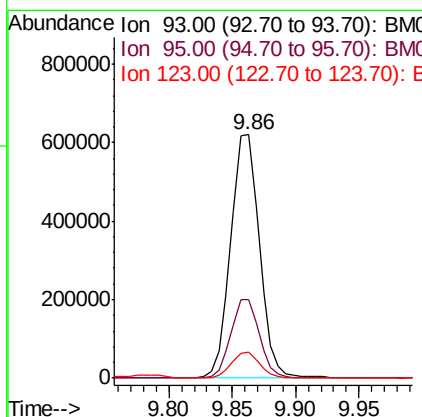
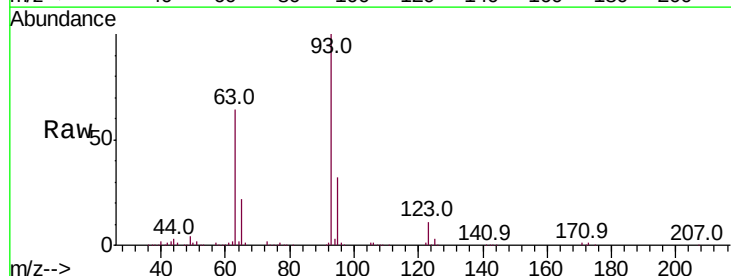
Manual Integrations
 APPROVED

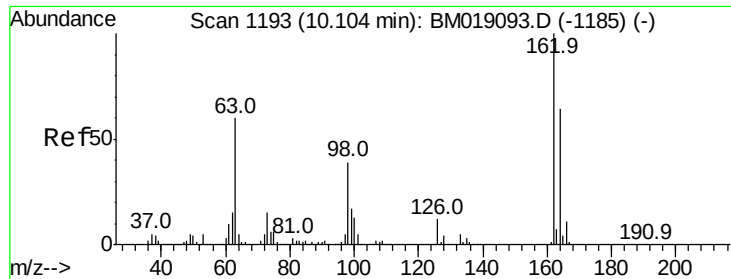
Sohil
 3/19/2019 5:28:03 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.842 ng
 RT: 9.86 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	978328		
95	32.0	25.8	38.8	
123	10.7	7.9	11.9	





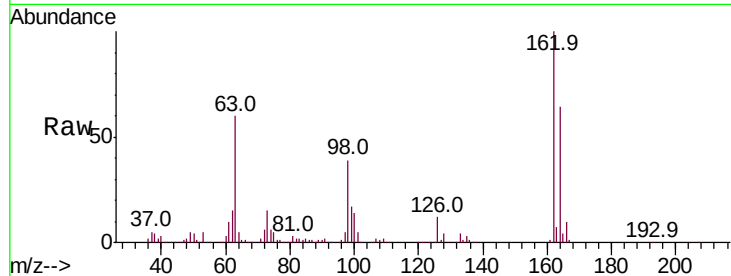
#29
2,4-Dichlorophenol
Concen: 52.618 ng
RT: 10.09 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	721181		
164	64.1	43.5	83.5	
98	39.4	19.1	59.1	

Manual Integrations
APPROVED

Sohil
3/19/2019 5:28:03 PM

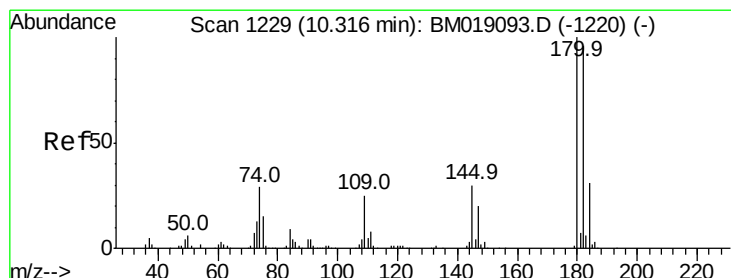
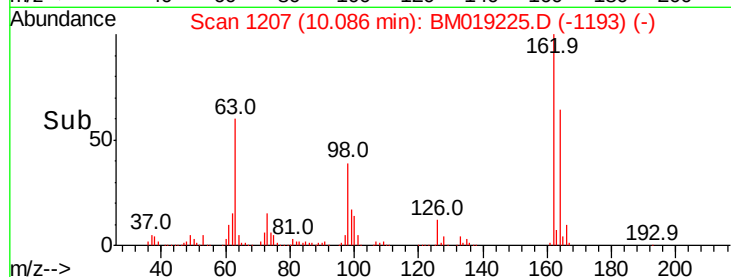
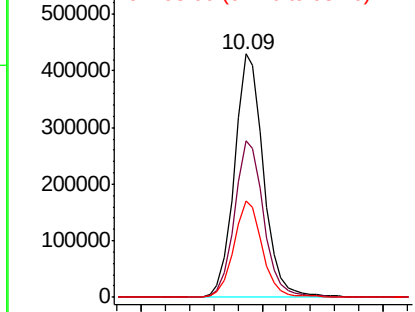


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30
1,2,4-Trichlorobenzene
Concen: 45.647 ng
RT: 10.29 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

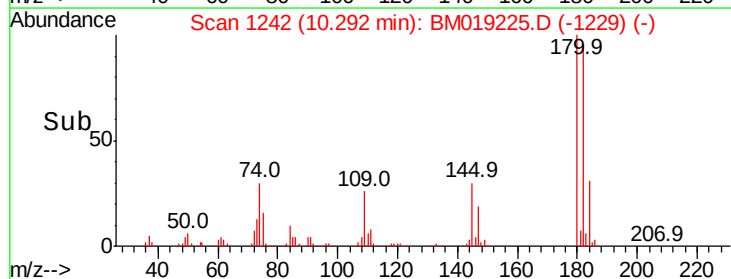
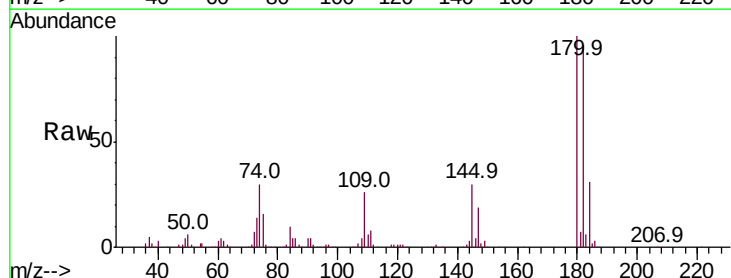
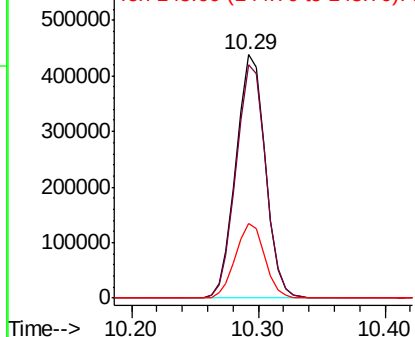
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	705462		
182	95.8	76.6	114.8	
145	30.5	24.3	36.5	

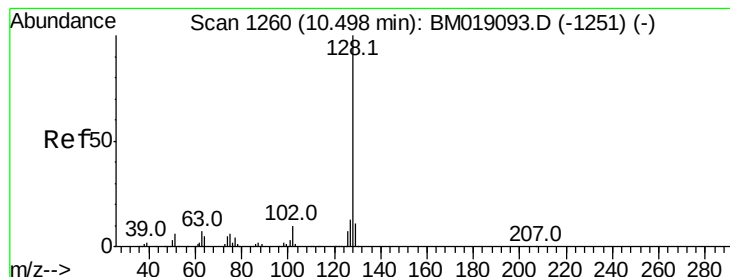
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.979 ng

RT: 10.48 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Instrument :

BNA_M

ClientSampleId :

PST-028-B100-031219MS

Tot Ion:128 Resp: 2163933

Ion Ratio Lower Upper

128 100

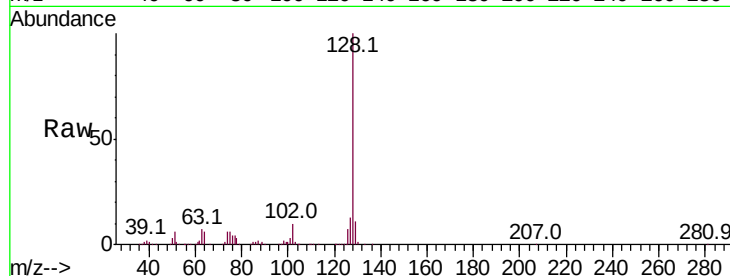
129 11.0 8.6 13.0

127 13.1 10.4 15.6

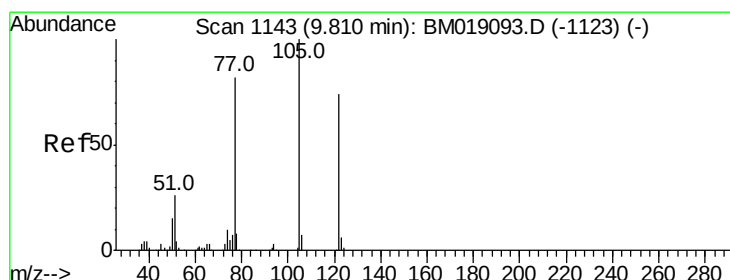
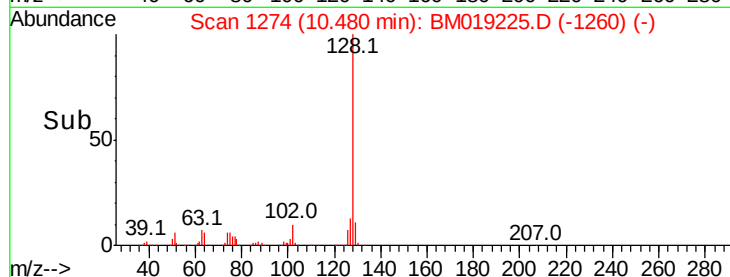
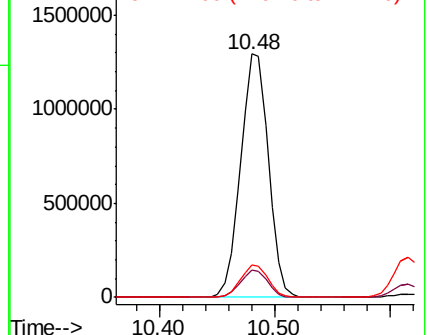
Manual Integrations
APPROVED

Sohil

3/19/2019 5:28:03 PM



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.432 ng m

RT: 9.79 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

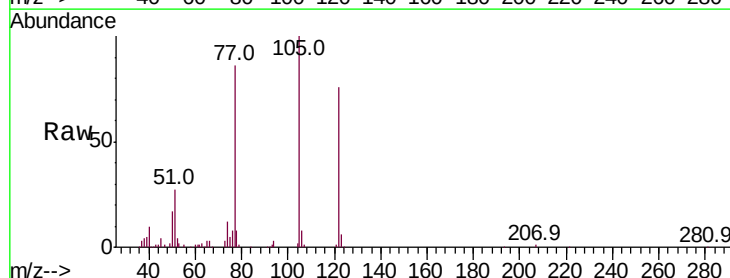
Tgt Ion:122 Resp: 360876

Ion Ratio Lower Upper

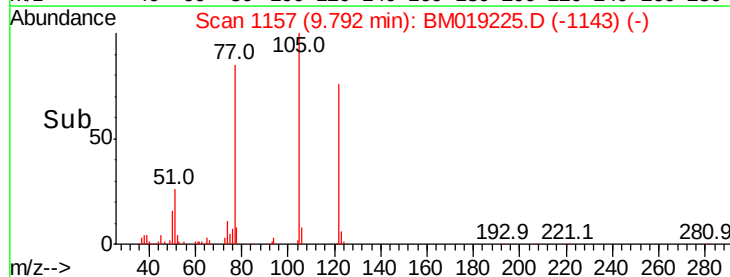
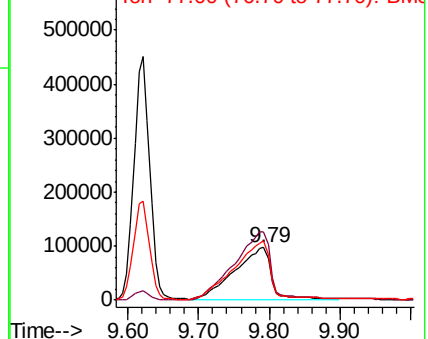
122 100

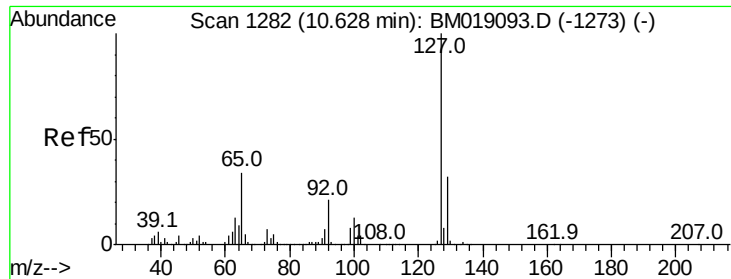
105 130.8 113.0 153.0

77 112.8 90.1 130.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM





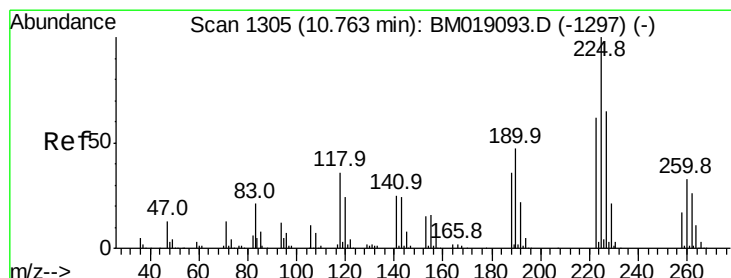
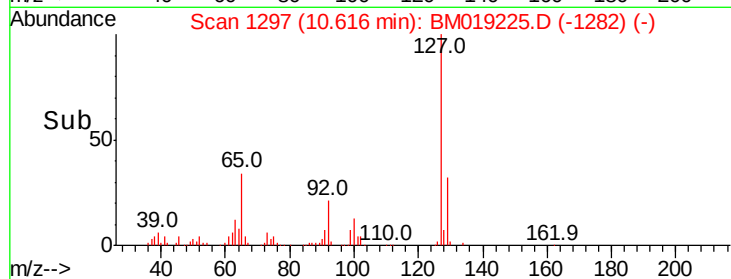
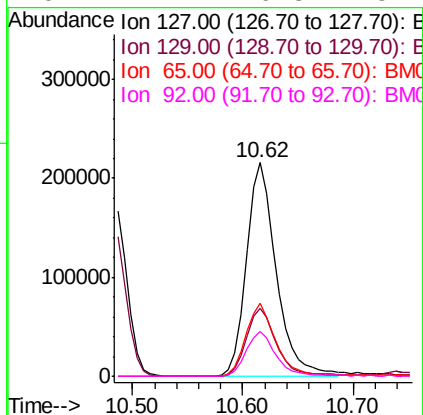
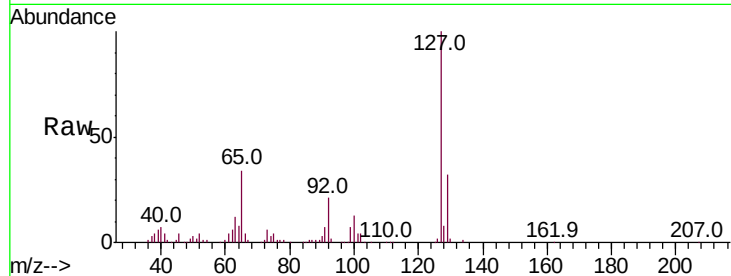
#33
4-Chloroaniline
Concen: 20.849 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.5	25.3	37.9	
65	34.1	27.4	41.2	
92	21.2	16.8	25.2	

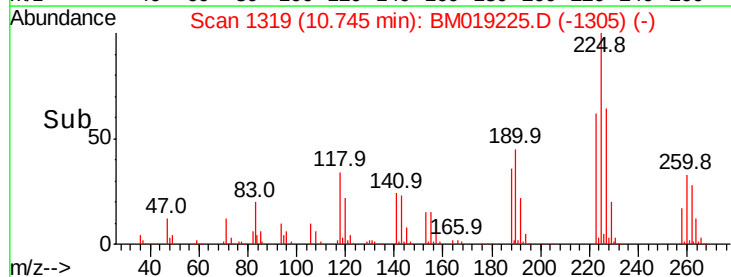
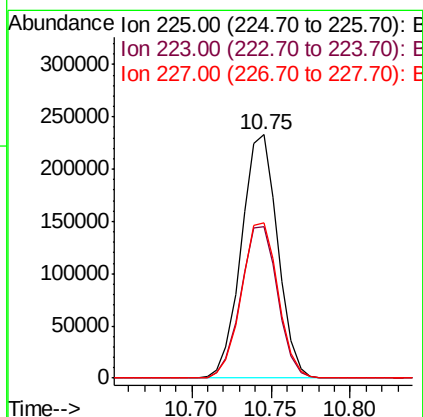
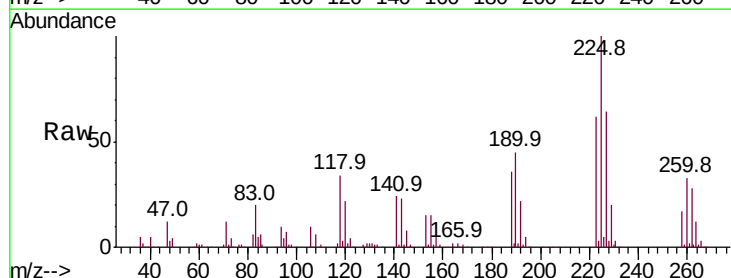
Manual Integrations
APPROVED

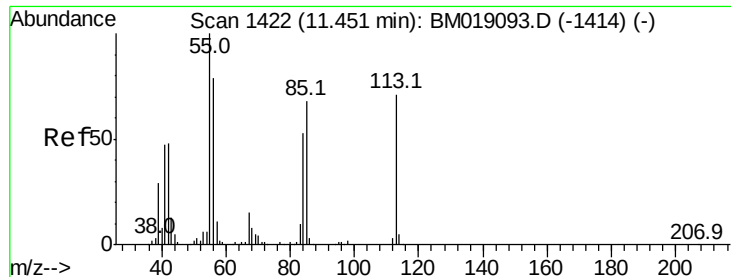
Sohil
3/19/2019 5:28:03 PM



#34
Hexachlorobutadiene
Concen: 41.730 ng
RT: 10.75 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.3	49.4	74.0	
227	63.8	51.6	77.4	





#35

Caprolactam

Concen: 48.874 ng/mL

RT: 11.45 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Instrument :

BNA_M

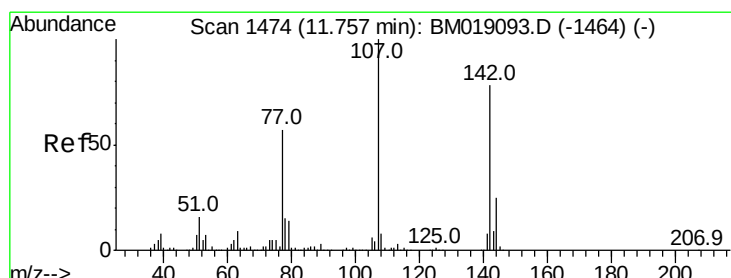
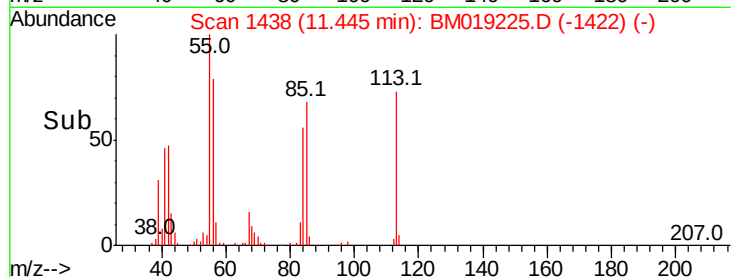
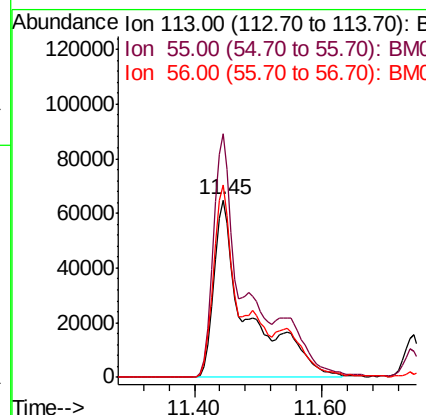
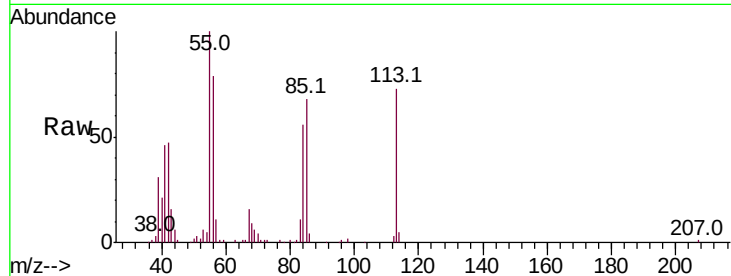
ClientSampleId :

PST-028-B100-031219MS

Tot Ion:	113	Resp:	238622
Ion Ratio	Lower	Upper	
113	100		
55	137.3	120.1	160.1
56	108.3	90.1	130.1

Manual Integrations
APPROVED

Sohil
3/19/2019 5:28:03 PM



#36

4-Chloro-3-methylphenol

Concen: 49.635 ng/mL

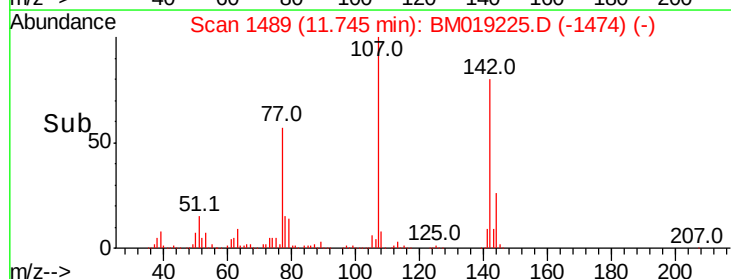
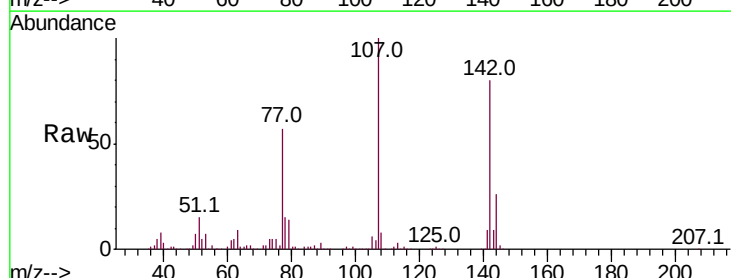
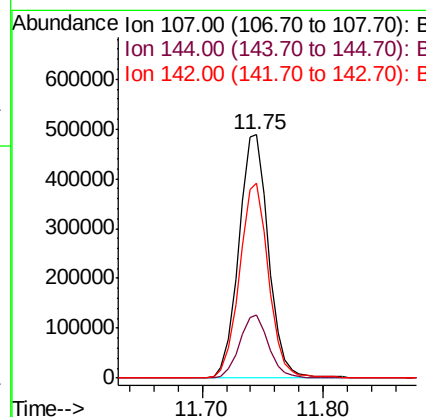
RT: 11.75 min Scan# 1489

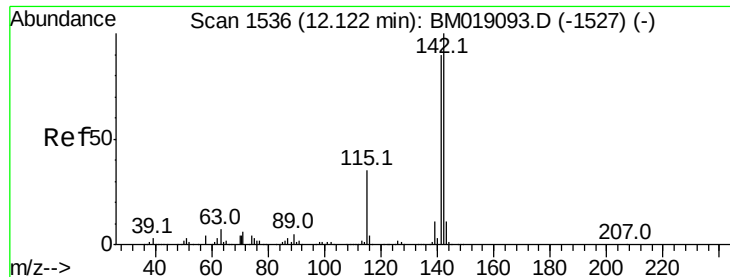
Delta R.T. -0.01 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Tgt Ion:	107	Resp:	839410
Ion Ratio	Lower	Upper	
107	100		
144	26.1	20.2	30.4
142	80.3	62.4	93.6





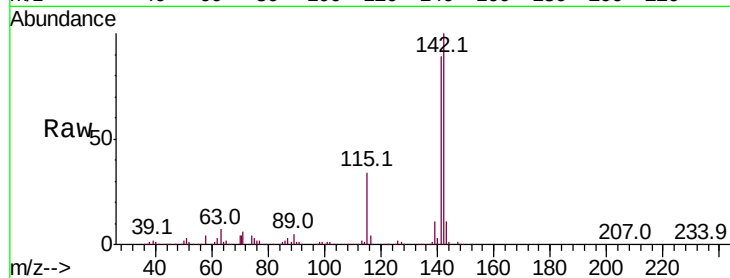
#37
 2-Methylnaphthalene
 Concen: 47.733 ng
 RT: 12.10 min Scan# 1550
 Delta R.T. -0.02 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B100-031219MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.3	108.5
115	34.4	27.8	41.8

Manual Integrations
 APPROVED

Sohil
 3/19/2019 5:28:03 PM

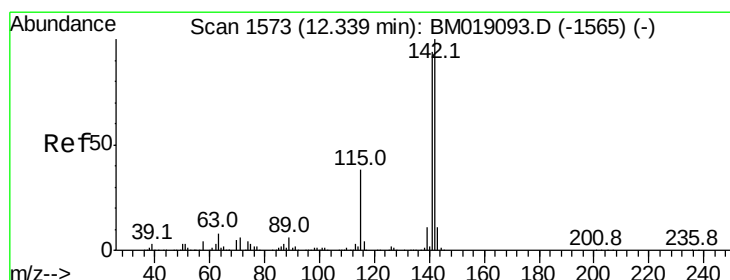
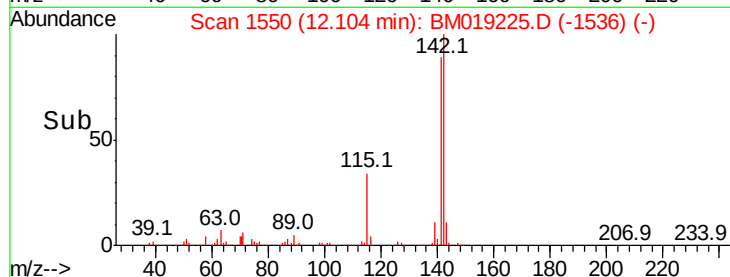
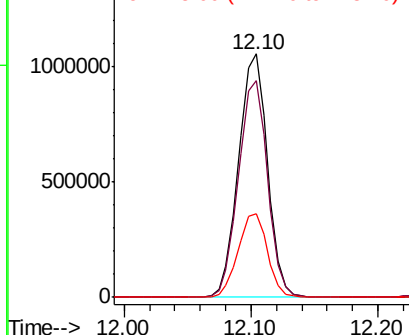


Abundance

Ion 142.00 (141.70 to 142.70): E

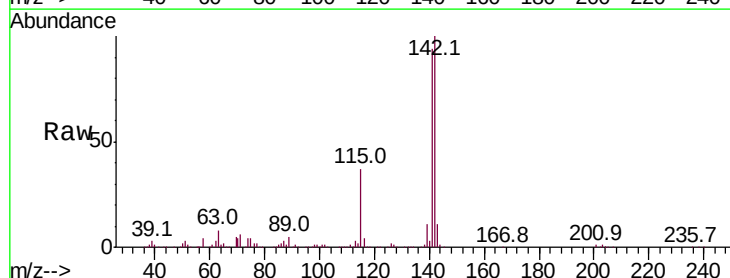
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 46.346 ng
 RT: 12.33 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	74.9	112.3
116	3.6	3.2	4.8

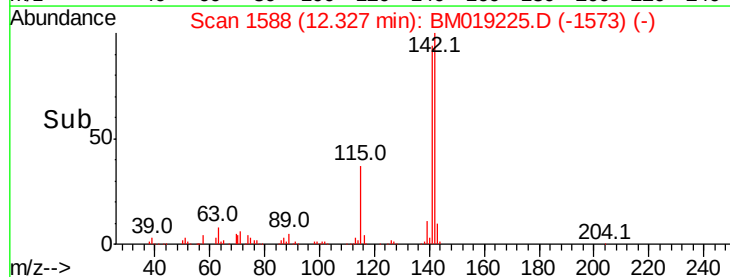
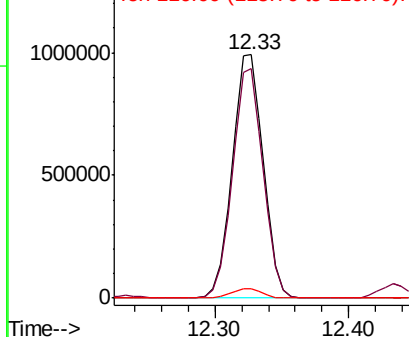


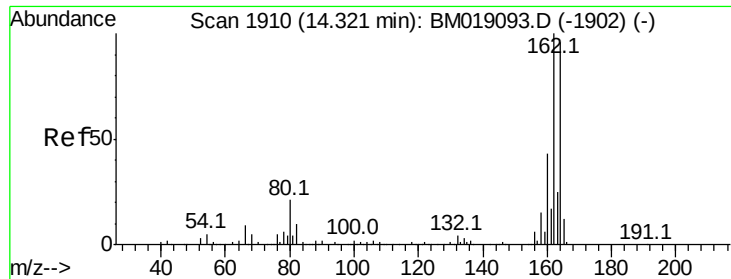
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





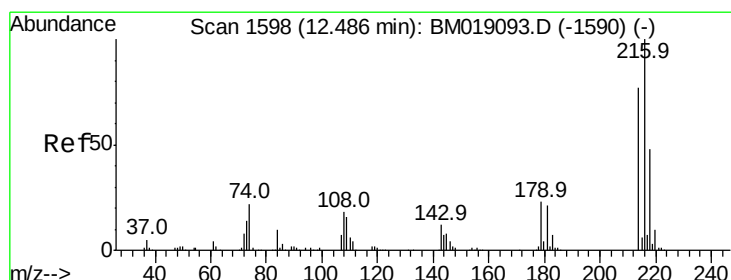
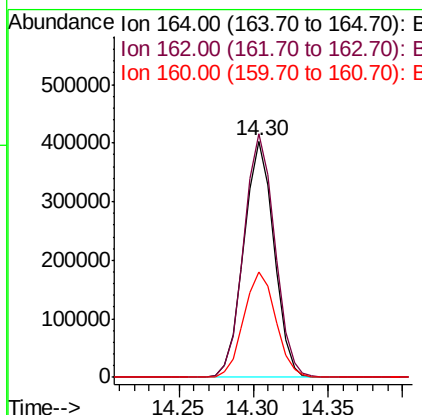
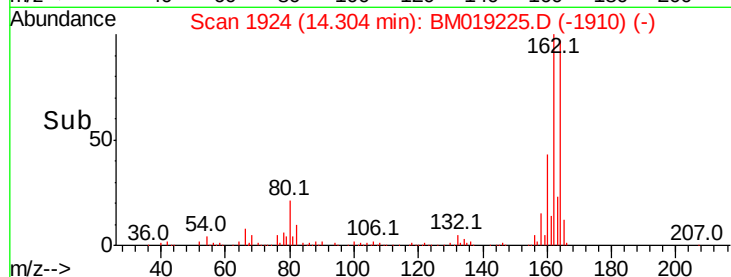
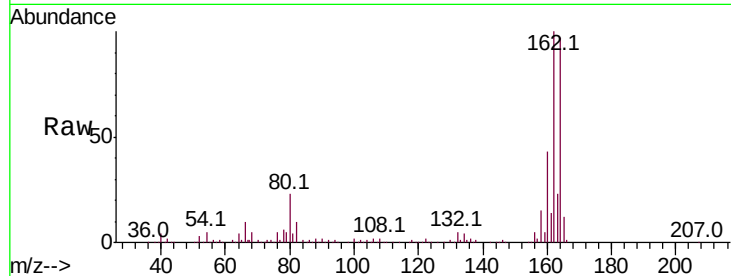
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.02 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.1	83.5	125.3	
160	44.8	36.3	54.5	

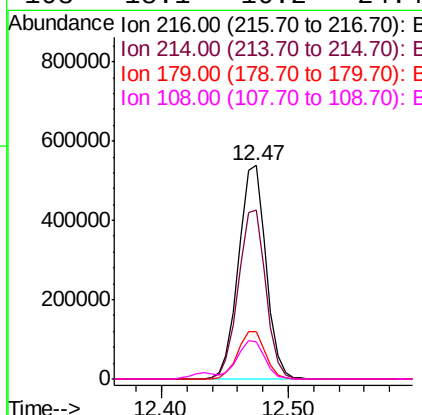
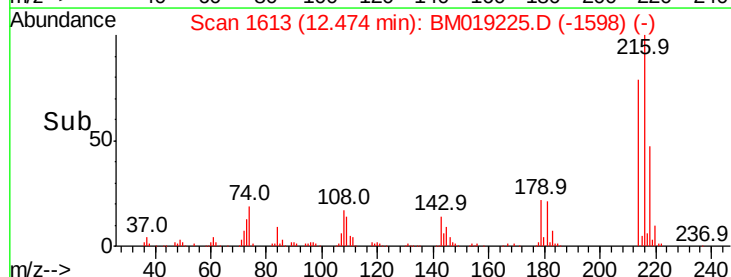
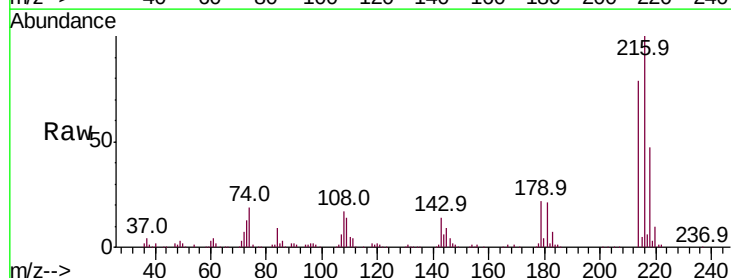
Manual Integrations
APPROVED

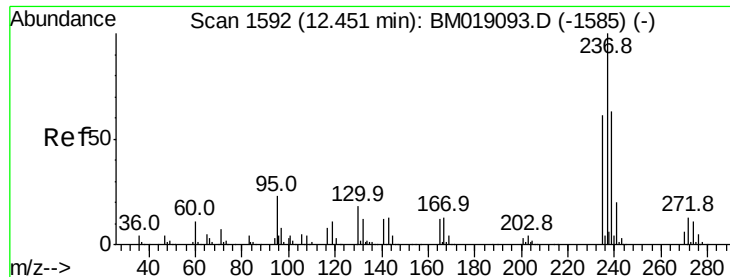
Sohil
3/19/2019 5:28:03 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.041 ng
RT: 12.47 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.1	62.9	94.3	
179	22.4	18.0	27.0	
108	18.1	16.2	24.4	





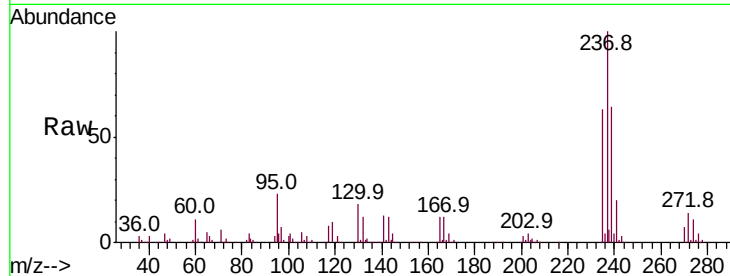
#41
Hexachlorocyclopentadiene
Concen: 83.416 ng
RT: 12.43 min Scan# 1606
Delta R.T. -0.02 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.6	41.3	81.3
272	14.1	0.0	33.1

Manual Integrations
APPROVED

Sohil
3/19/2019 5:28:03 PM

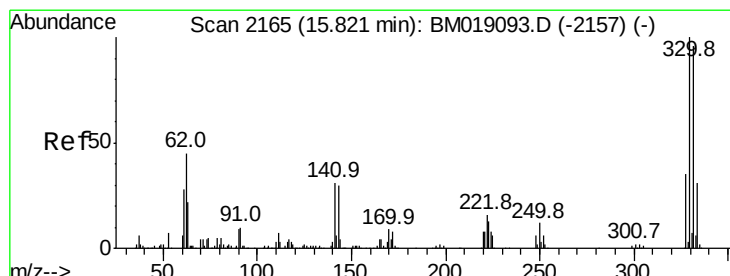
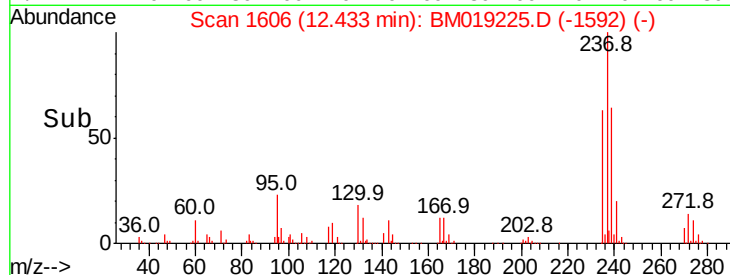
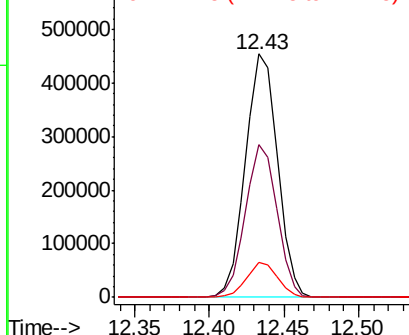


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 157.889 ng
RT: 15.81 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

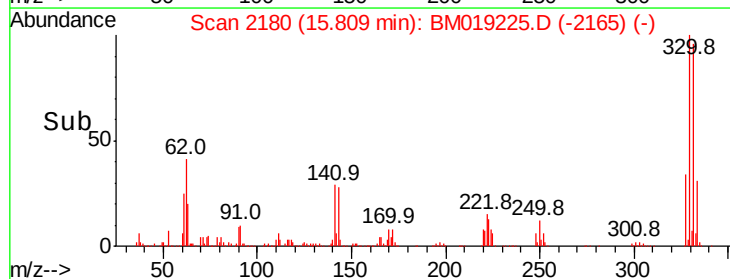
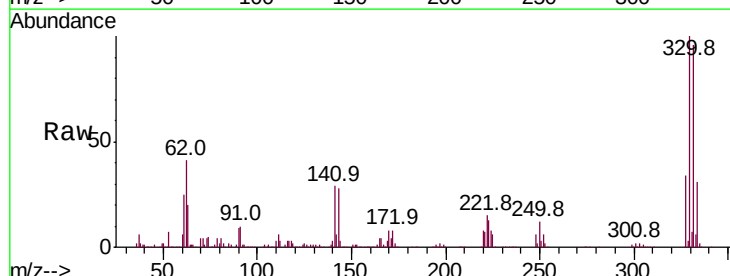
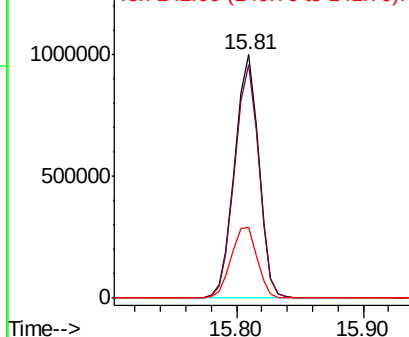
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.8	115.2
141	31.6	27.0	40.4

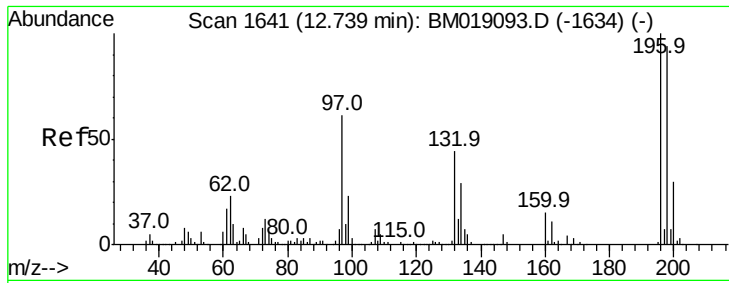
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





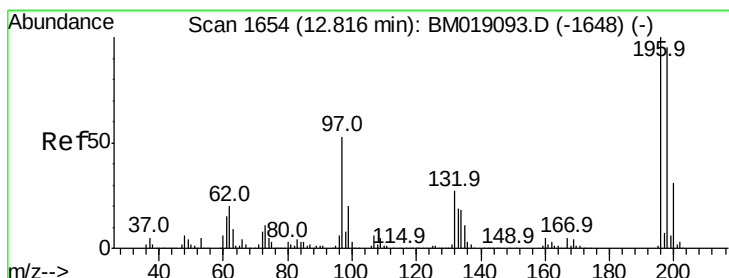
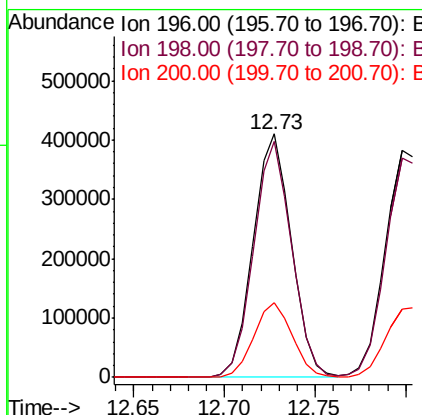
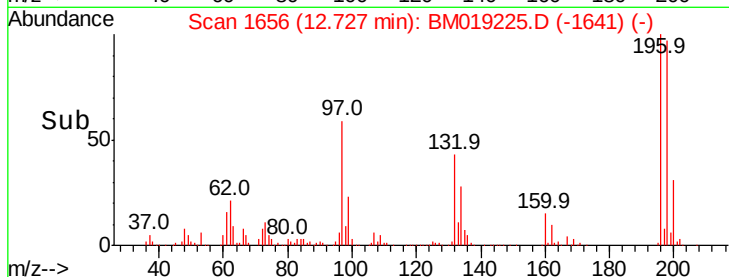
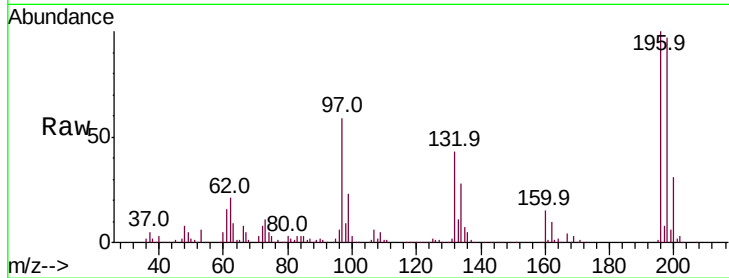
#43
 2,4,6-Trichlorophenol
 Concen: 52.005 ng
 RT: 12.73 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B100-031219MS

Tot Ion:	196	Resp:	600447
Ion Ratio	Lower	Upper	
196	100		
198	96.8	75.4	113.0
200	30.6	24.2	36.2

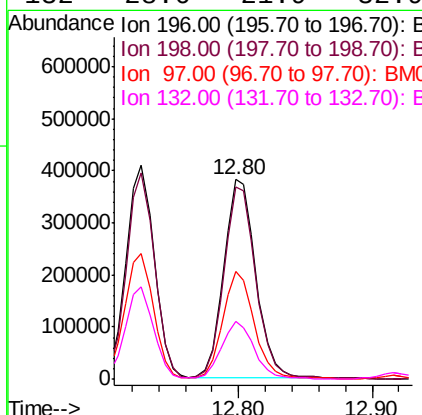
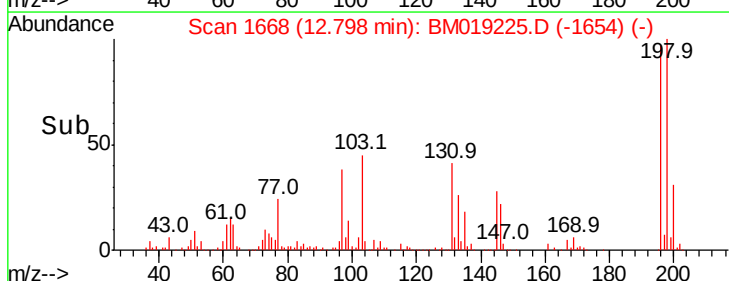
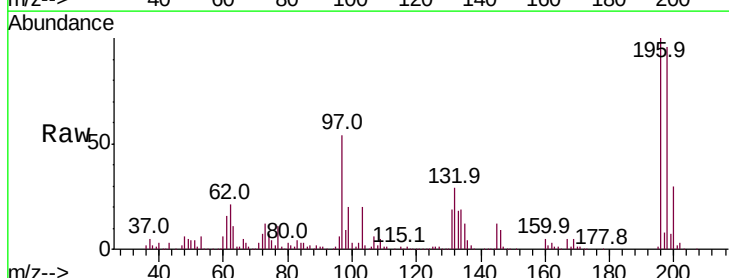
Manual Integrations
 APPROVED

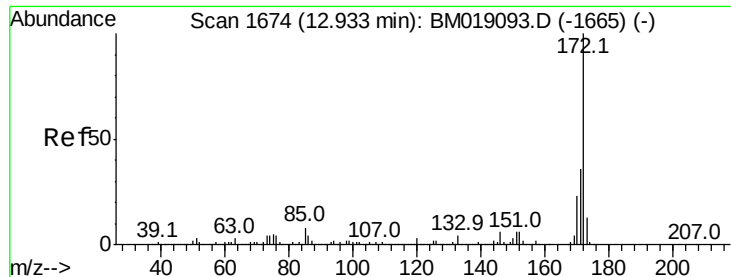
Sohil
 3/19/2019 5:28:03 PM



#44
 2,4,5-Trichlorophenol
 Concen: 51.661 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.02 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

Tgt Ion:	196	Resp:	637835
Ion Ratio	Lower	Upper	
196	100		
198	96.3	75.9	113.9
97	54.0	42.5	63.7
132	28.6	21.9	32.9





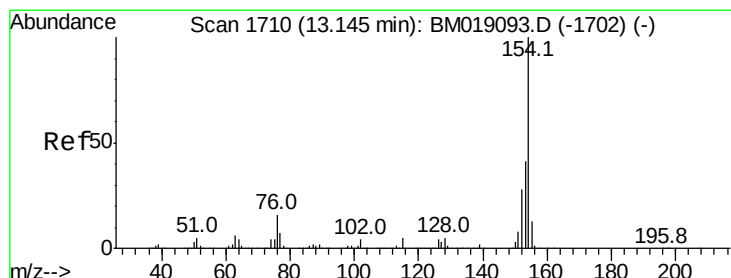
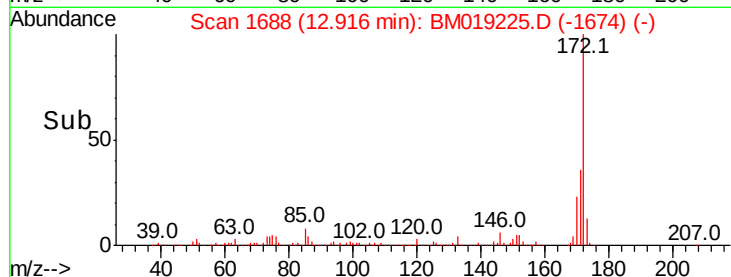
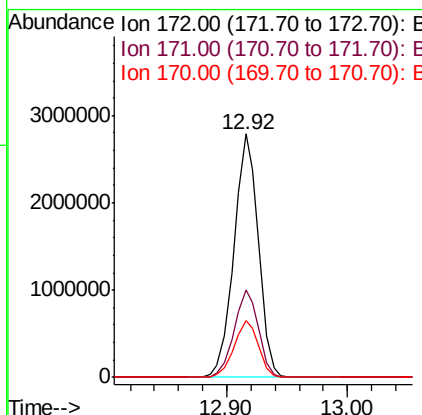
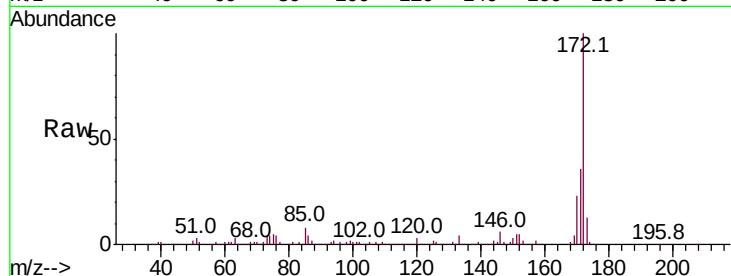
#45
2-Fluorobiphenyl
Concen: 89.982 ng
RT: 12.92 min Scan# 1688
Delta R.T. -0.02 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	42.8
170	23.0	18.6	28.0

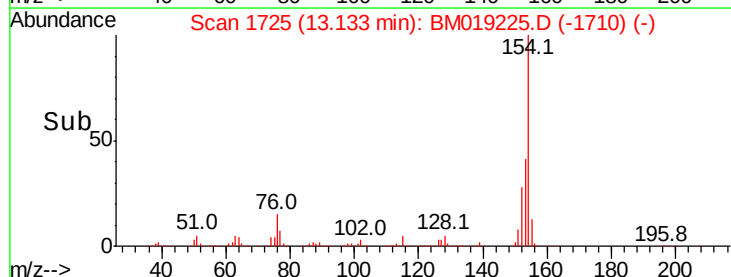
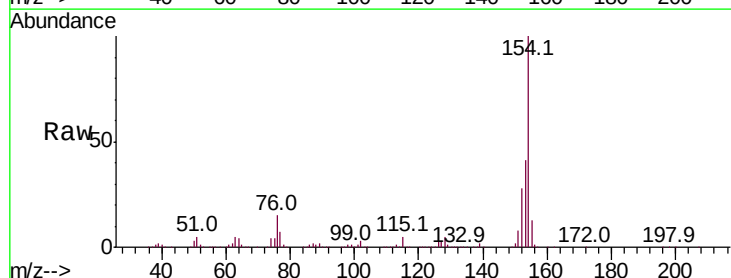
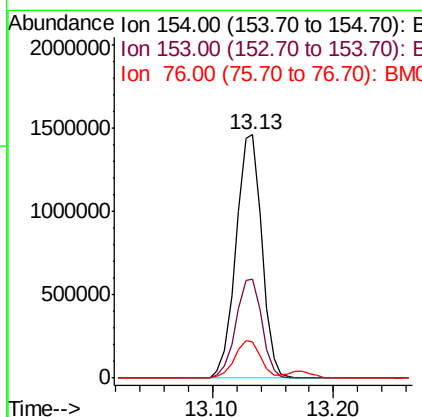
Manual Integrations
APPROVED

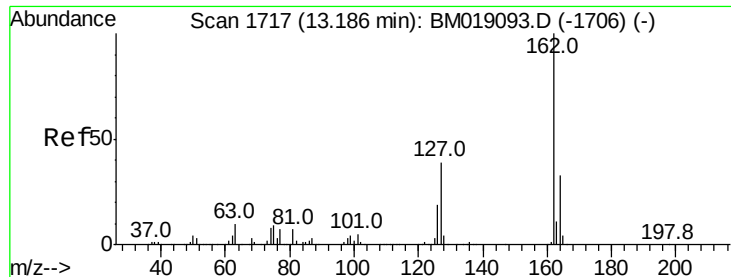
Sohil
3/19/2019 5:28:03 PM



#46
1,1'-Biphenyl
Concen: 44.026 ng
RT: 13.13 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.5	61.5
76	14.9	0.0	35.8





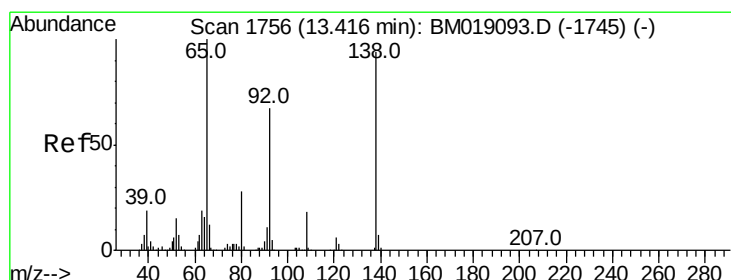
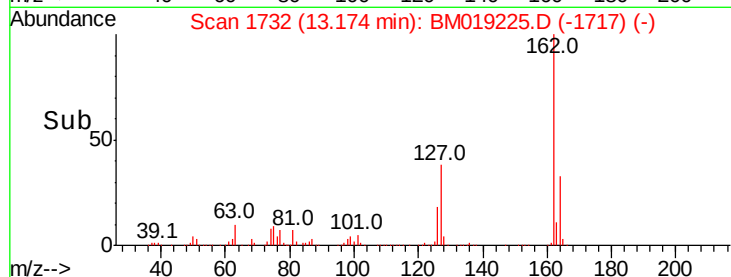
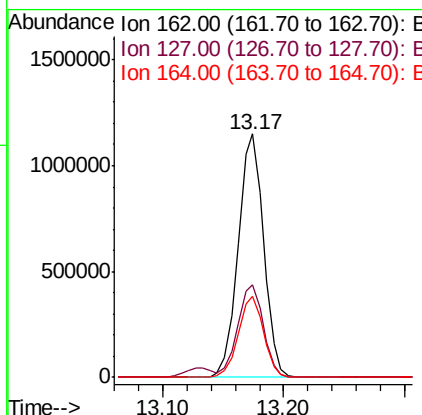
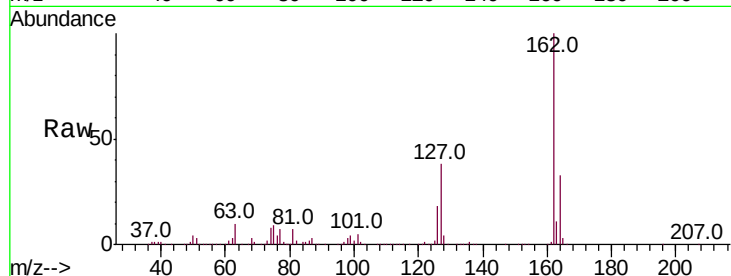
#47
 2-Chloronaphthalene
 Concen: 46.033 ng
 RT: 13.17 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B100-031219MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	31.2	46.8
164	33.3	26.3	39.5

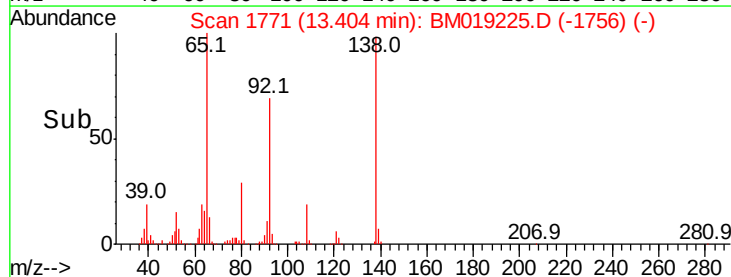
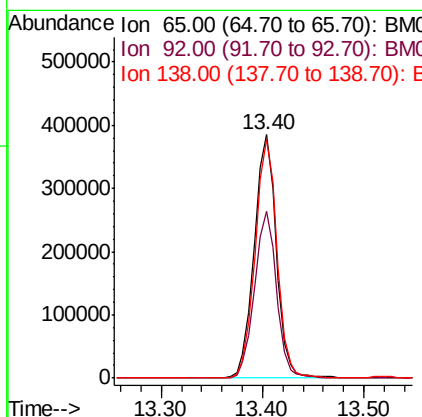
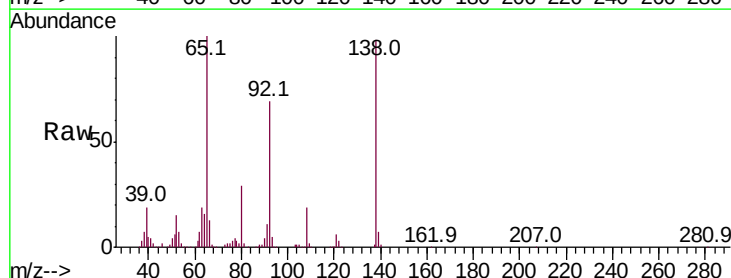
Manual Integrations
 APPROVED

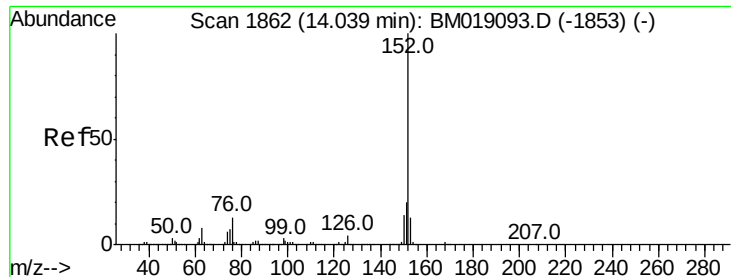
Sohil
 3/19/2019 5:28:03 PM



#48
 2-Nitroaniline
 Concen: 47.306 ng
 RT: 13.40 min Scan# 1771
 Delta R.T. -0.01 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.7	53.4	80.2
138	98.1	74.9	112.3





#49

Acenaphthylene

Concen: 45.009 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Instrument :

BNA_M

ClientSampleId :

PST-028-B100-031219MS

Tot Ion:152 Resp: 2802019

Ion Ratio Lower Upper

152 100

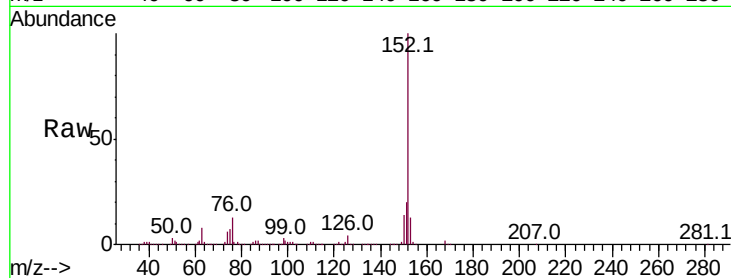
151 20.0 16.2 24.2

153 12.9 10.6 15.8

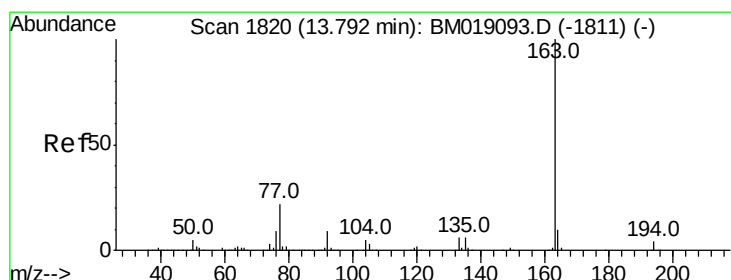
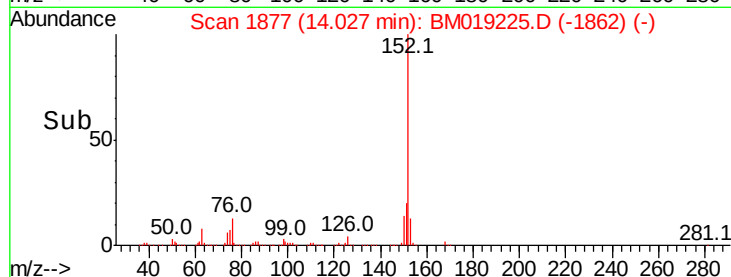
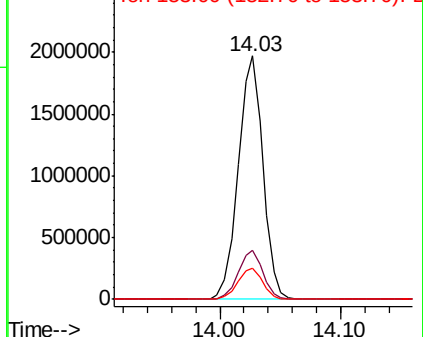
Manual Integrations
APPROVED

Sohil

3/19/2019 5:28:03 PM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 52.611 ng

RT: 13.77 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

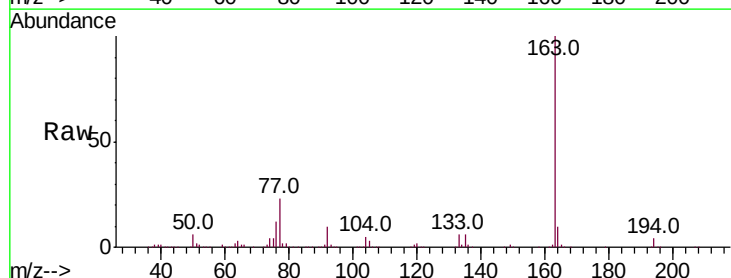
Tgt Ion:163 Resp: 2542010

Ion Ratio Lower Upper

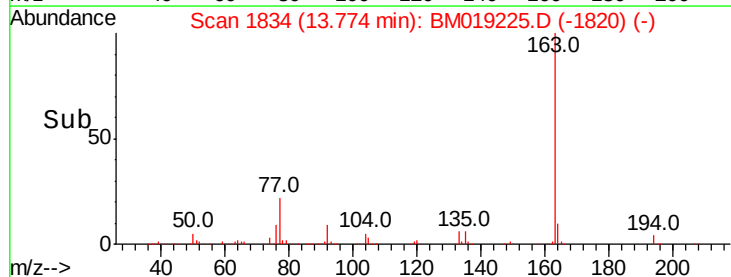
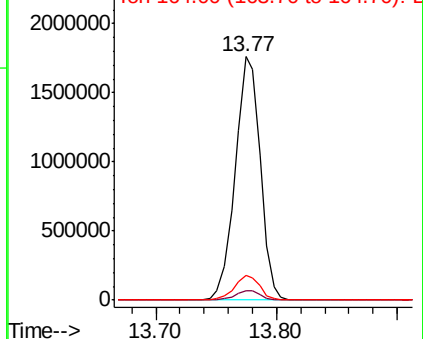
163 100

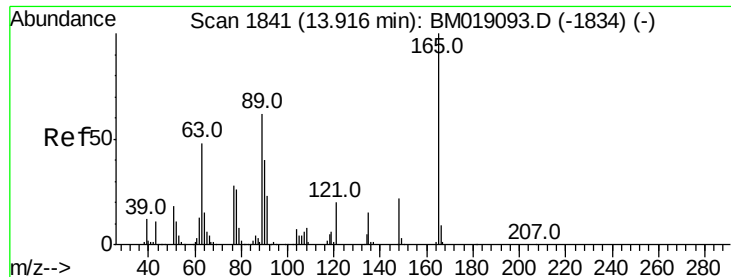
194 3.9 3.3 4.9

164 10.2 7.7 11.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





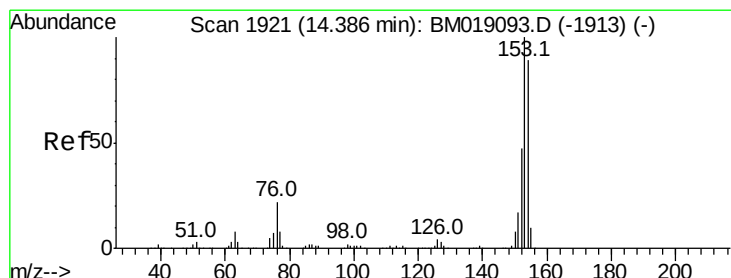
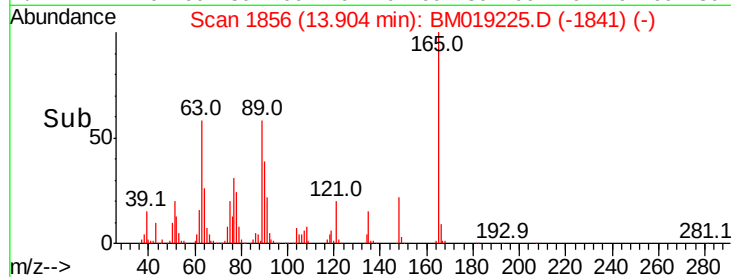
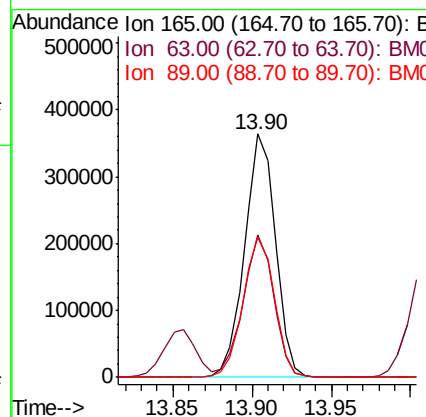
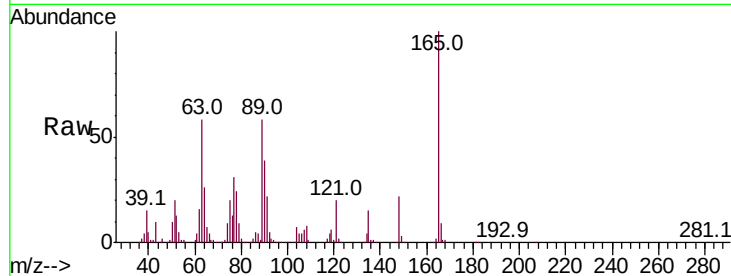
#51
2,6-Dinitrotoluene
Concen: 47.125 ng
RT: 13.90 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.5	48.2	72.4
89	57.7	49.3	73.9

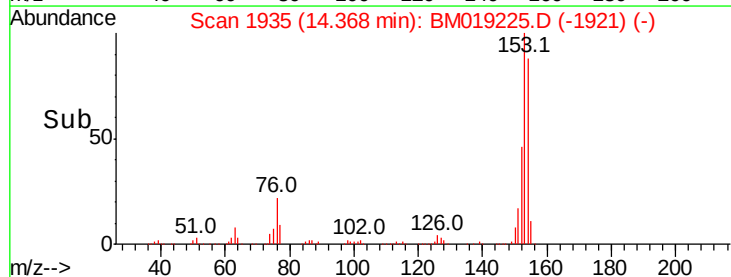
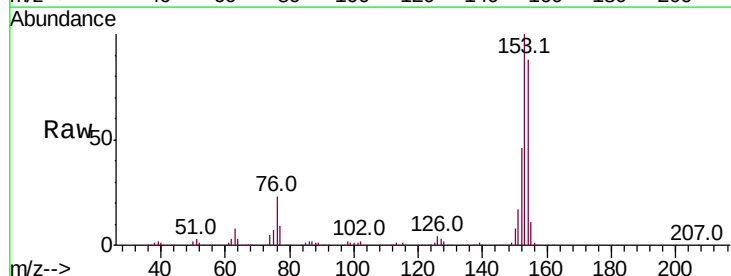
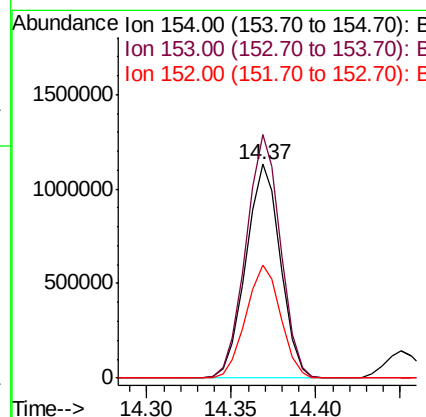
Manual Integrations
APPROVED

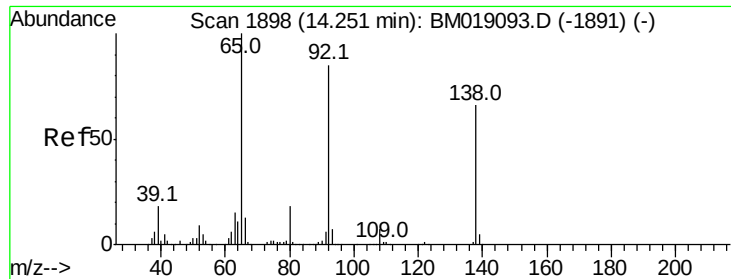
Sohil
3/19/2019 5:28:03 PM



#52
Acenaphthene
Concen: 45.044 ng
RT: 14.37 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.7	90.1	135.1
152	52.6	42.5	63.7





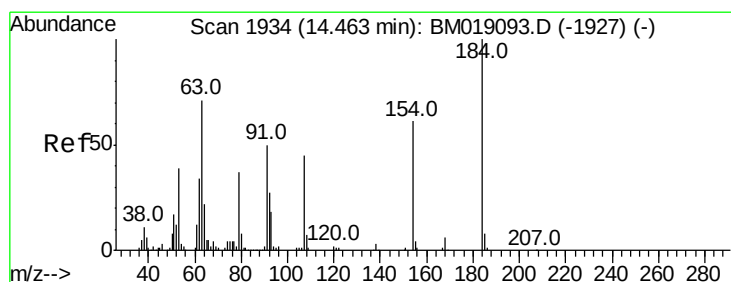
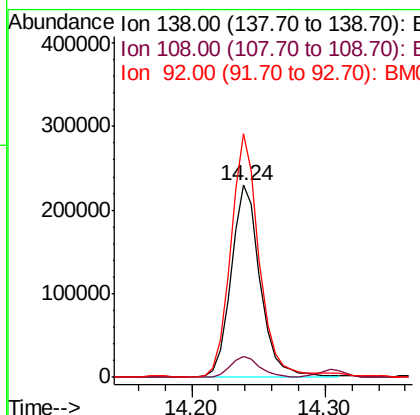
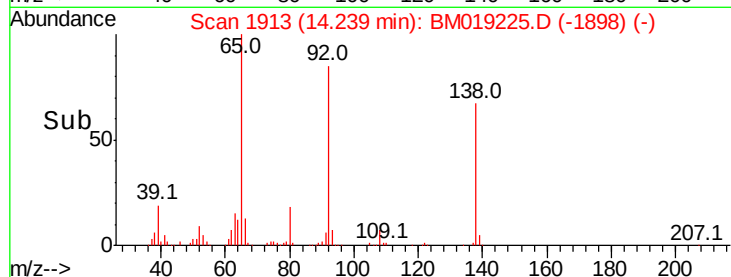
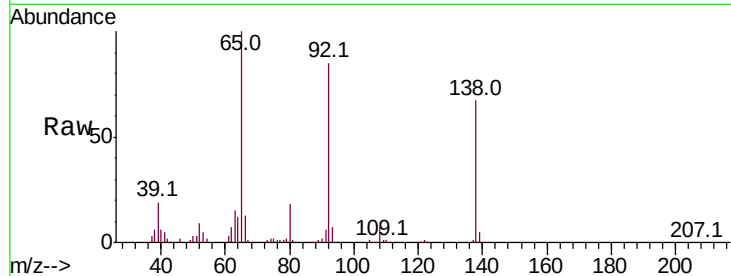
#53
3-Nitroaniline
Concen: 31.644 ng
RT: 14.24 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	11.0	9.0	13.4	
92	126.8	102.6	153.8	

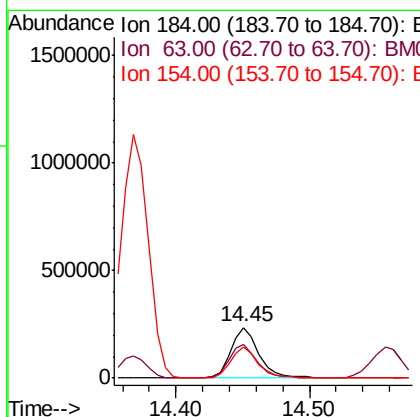
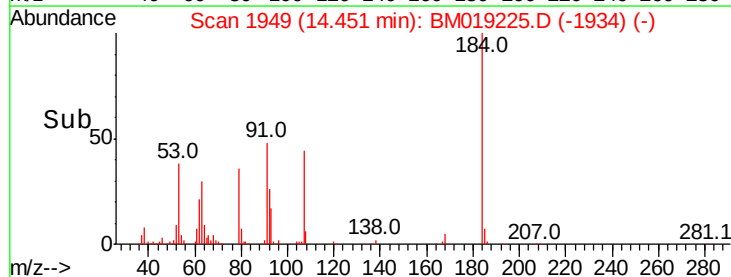
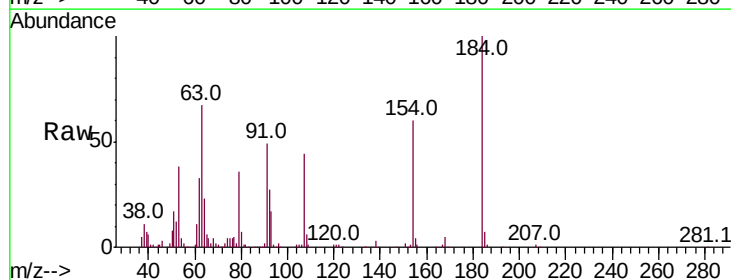
Manual Integrations
APPROVED

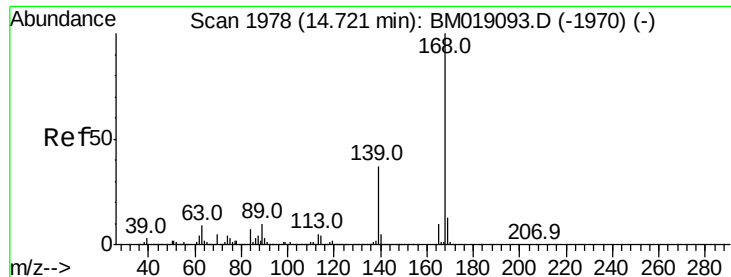
Sohil
3/19/2019 5:28:03 PM



#54
2,4-Dinitrophenol
Concen: 56.523 ng
RT: 14.45 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	67.3	56.7	85.1	
154	60.0	49.3	73.9	





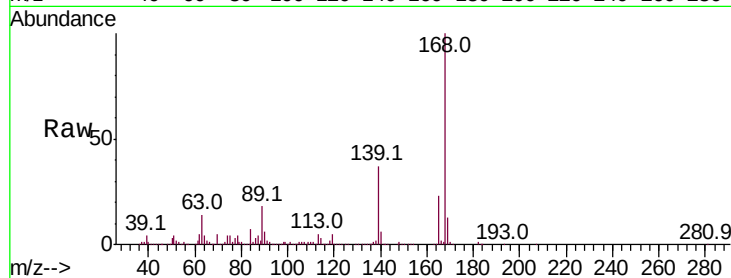
#55
Dibenzofuran
Concen: 45.521 ng
RT: 14.70 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.1	45.1
169	13.1	10.6	16.0

Manual Integrations
APPROVED

Sohil
3/19/2019 5:28:03 PM

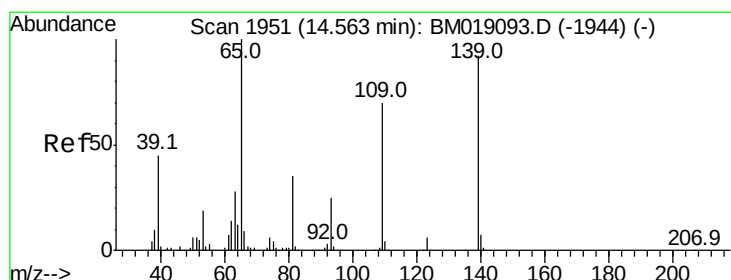
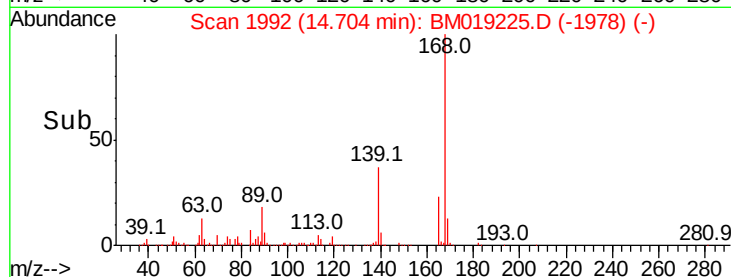
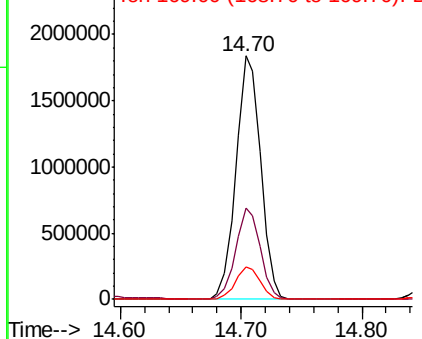


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 86.450 ng
RT: 14.56 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

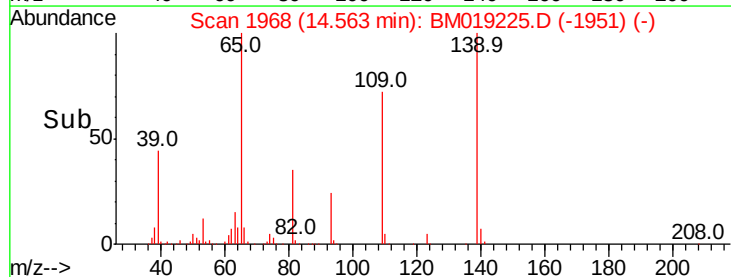
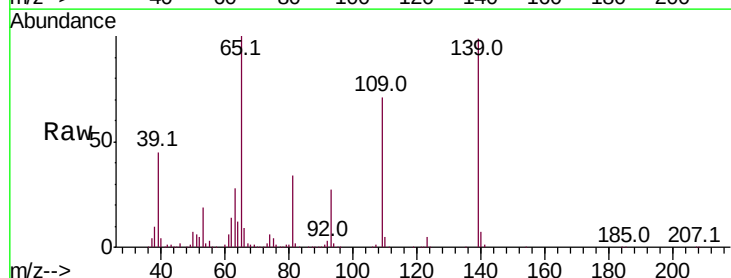
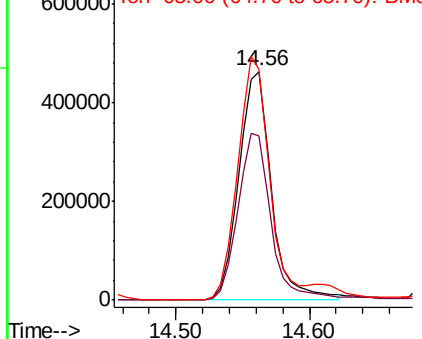
Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.2	56.3	96.3
65	101.2	89.2	129.2

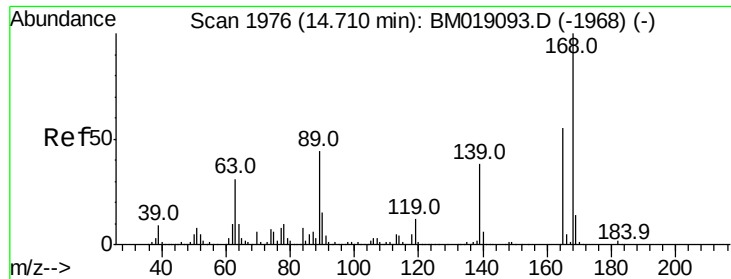
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





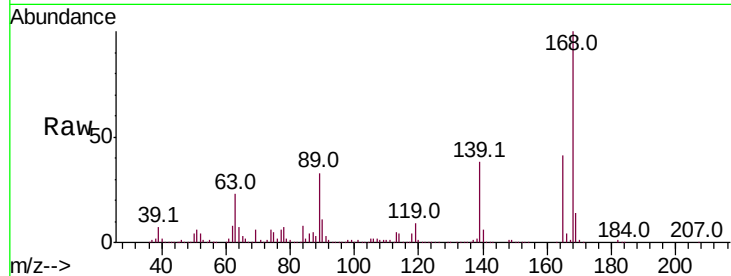
#57
 2,4-Dinitrotoluene
 Concen: 45.917 ng
 RT: 14.70 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B100-031219MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	696169		
63	56.6		44.7	67.1
89	79.3		63.4	95.2
182	2.9		2.3	3.5

Manual Integrations
 APPROVED

Sohil
 3/19/2019 5:28:03 PM



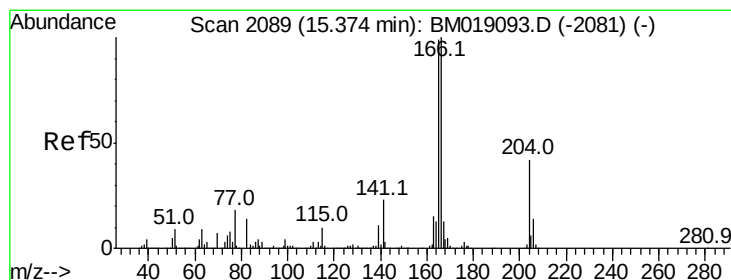
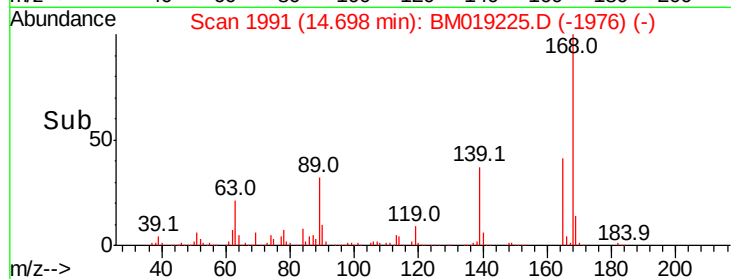
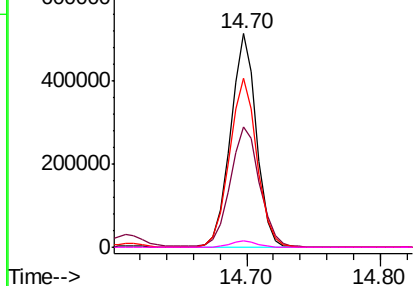
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 45.809 ng
 RT: 15.36 min Scan# 2103
 Delta R.T. -0.02 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

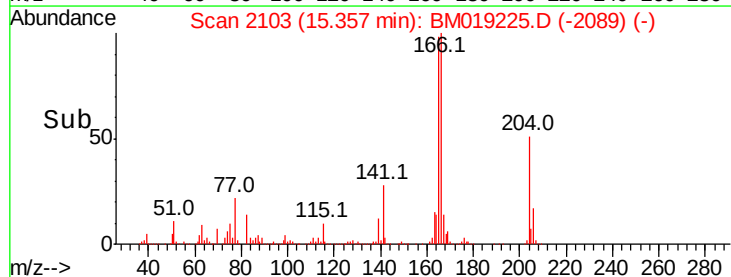
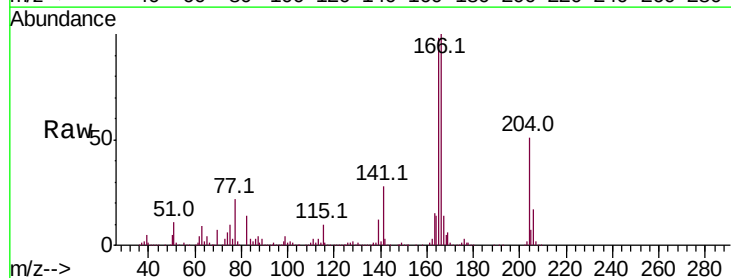
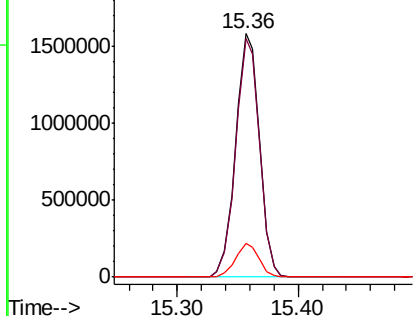
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2178269		
165	98.0		79.0	118.4
167	13.7		10.8	16.2

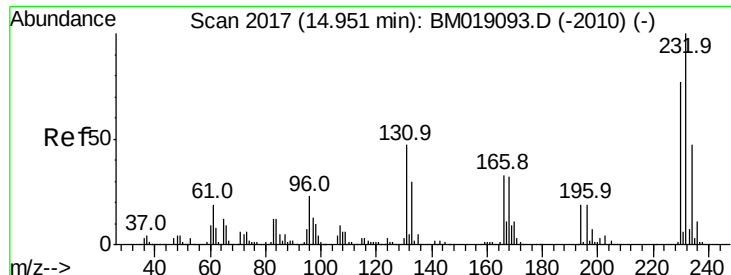
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





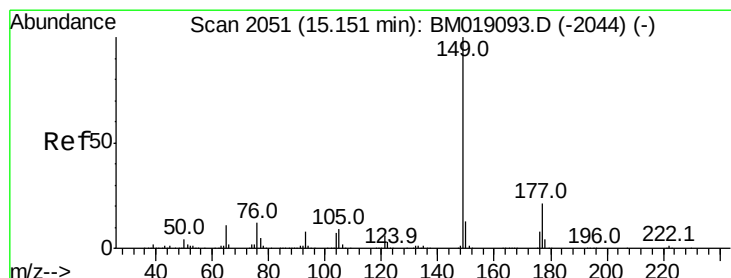
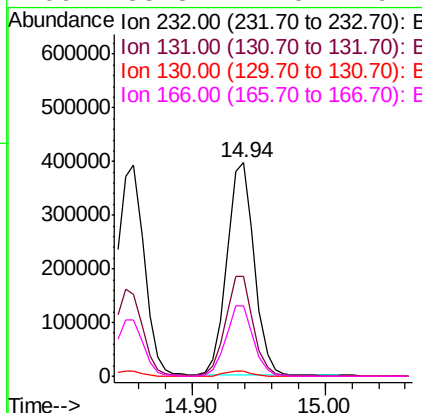
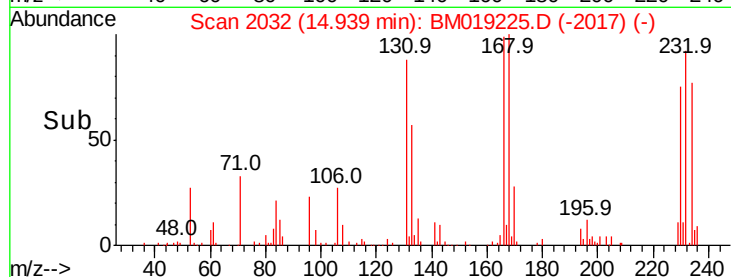
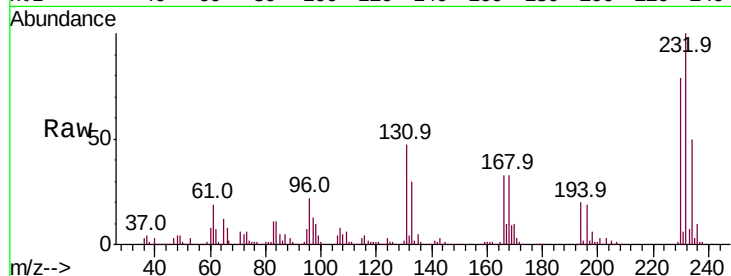
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.534 ng
 RT: 14.94 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B100-031219MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	569348		
131	47.4		38.2	57.2
130	2.4		1.9	2.9
166	33.3		27.0	40.4

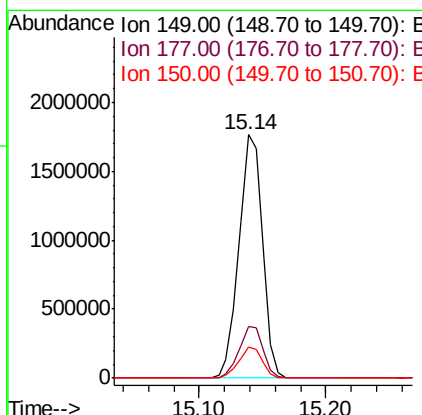
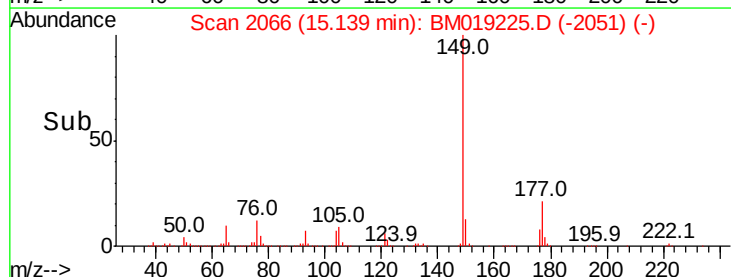
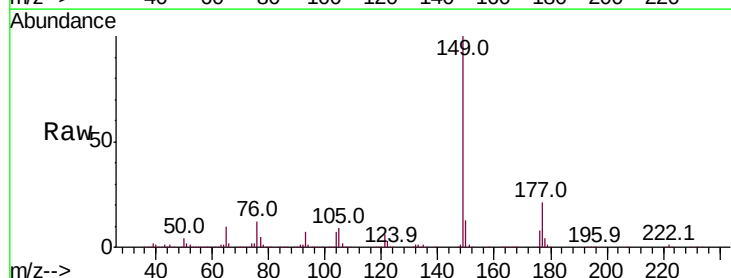
Manual Integrations
 APPROVED

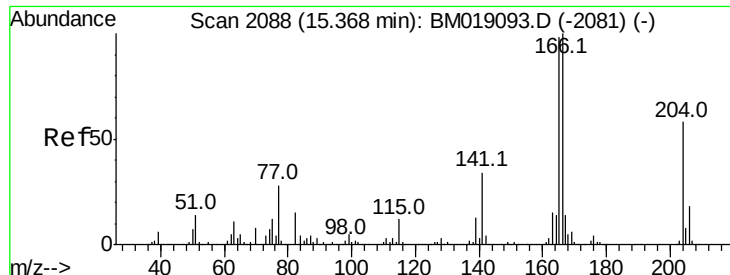
Sohil
 3/19/2019 5:28:03 PM



#60
 Diethylphthalate
 Concen: 46.081 ng
 RT: 15.14 min Scan# 2066
 Delta R.T. -0.01 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2254953		
177	21.3		17.0	25.6
150	12.5		10.2	15.4





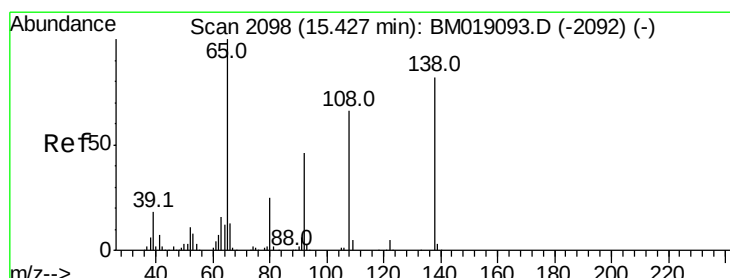
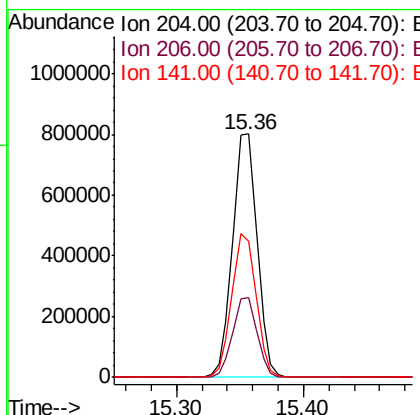
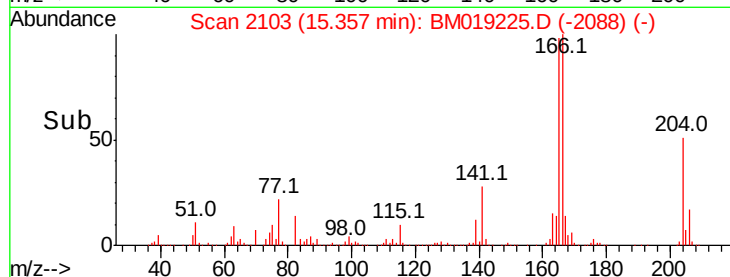
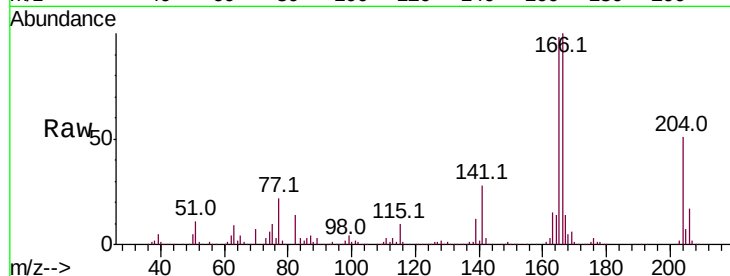
#61
 4-Chlorophenyl-phenylether
 Concen: 46.290 ng
 RT: 15.36 min Scan# 2103
 Delta R.T. -0.01 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B100-031219MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.5	38.3
141	56.0	47.8	71.8

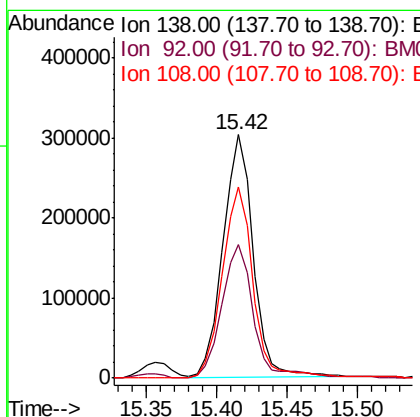
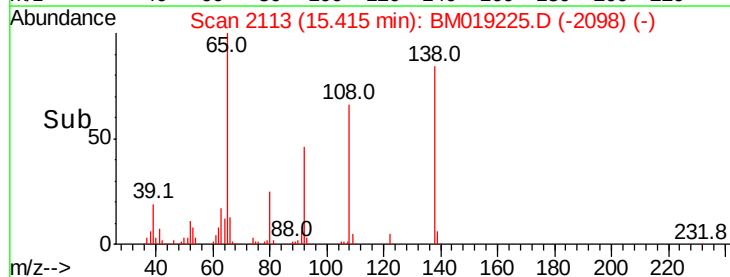
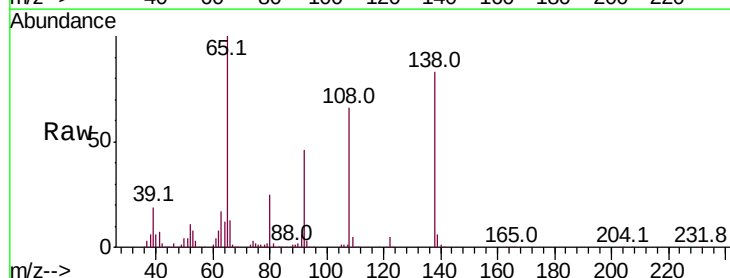
Manual Integrations
 APPROVED

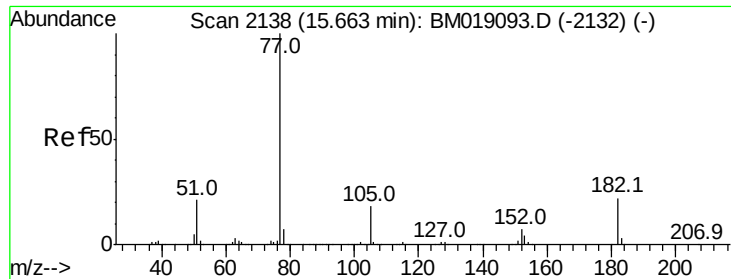
Sohil
 3/19/2019 5:28:03 PM



#62
 4-Nitroaniline
 Concen: 40.527 ng
 RT: 15.42 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.7	36.2	76.2
108	78.6	59.7	99.7





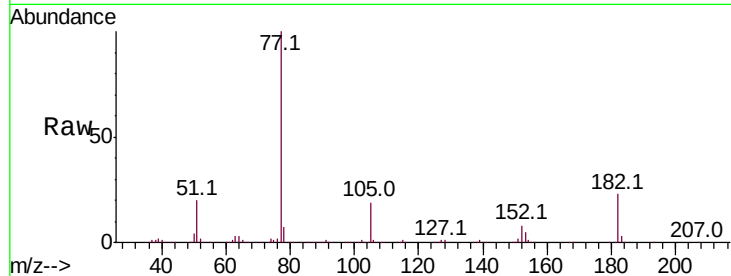
#63
Azobenzene
Concen: 45.710 ng
RT: 15.65 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.1	1.8	41.8
105	18.7	0.0	38.3
51	20.2	0.8	40.8

Manual Integrations
APPROVED

Sohil
3/19/2019 5:28:03 PM



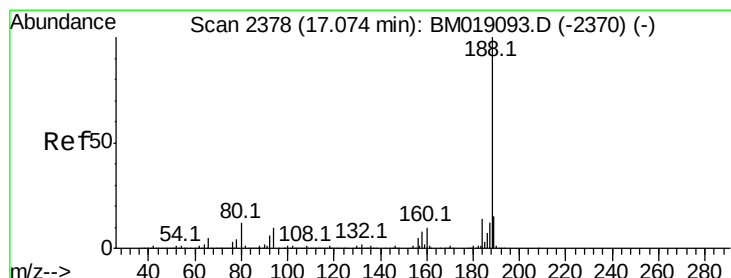
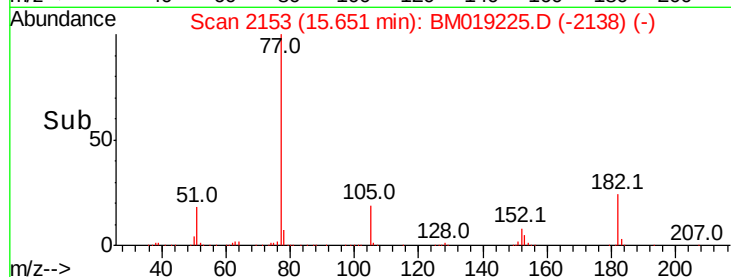
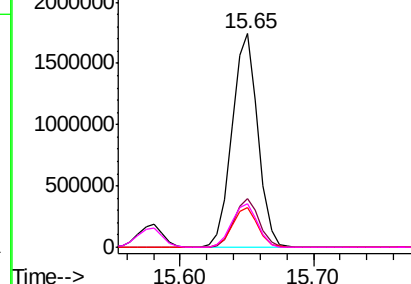
Abundance

Ion 77.00 (76.70 to 77.70): BM019093.D (-2132) (-)

Ion 182.00 (181.70 to 182.70): BM019093.D (-2132) (-)

Ion 105.00 (104.70 to 105.70): BM019093.D (-2132) (-)

Ion 51.00 (50.70 to 51.70): BM019093.D (-2132) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.02 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

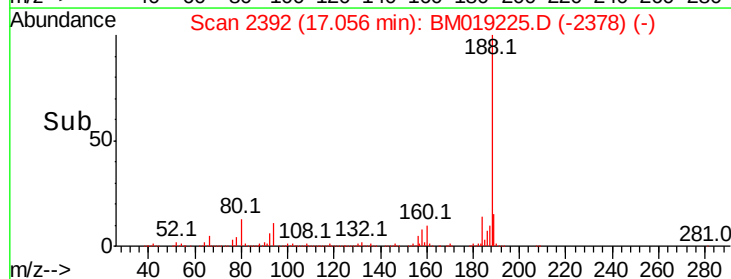
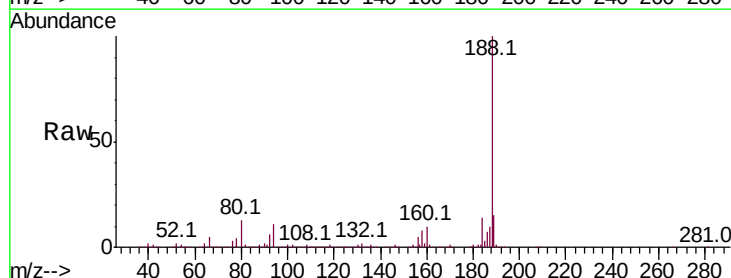
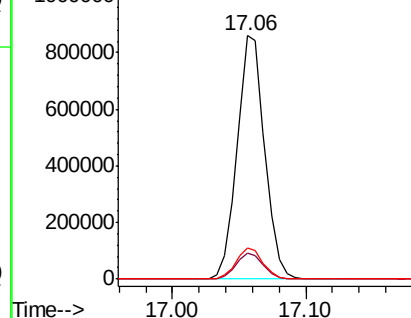
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.1	12.1
80	13.0	9.7	14.5

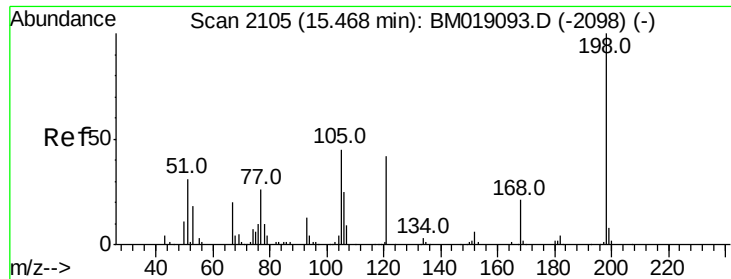
Abundance

Ion 188.00 (187.70 to 188.70): BM019093.D (-2370) (-)

Ion 94.00 (93.70 to 94.70): BM019093.D (-2370) (-)

Ion 80.00 (79.70 to 80.70): BM019093.D (-2370) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 34.705 ng

RT: 15.46 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Instrument :

BNA_M

ClientSampleId :

PST-028-B100-031219MS

Tot Ion:198 Resp: 280416

Ion Ratio Lower Upper

198 100

51 37.5 17.3 57.3

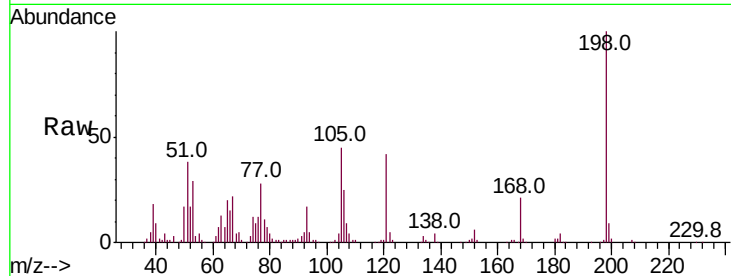
105 45.0 26.2 66.2

Manual Integrations

APPROVED

Sohil

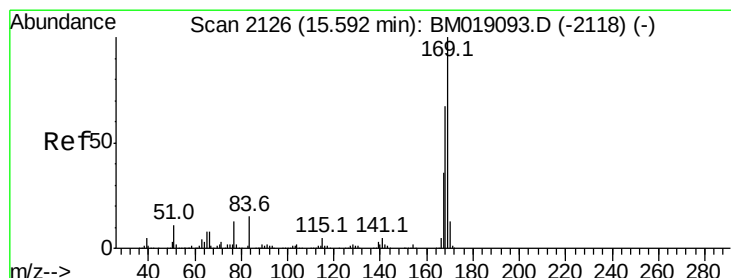
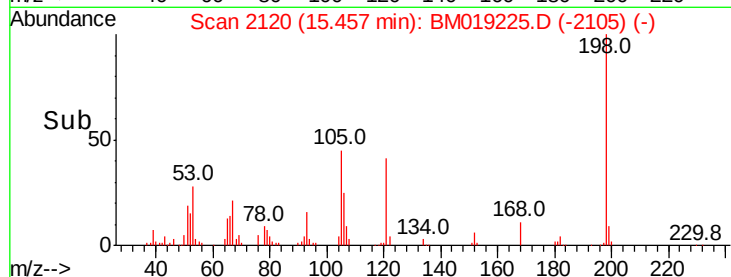
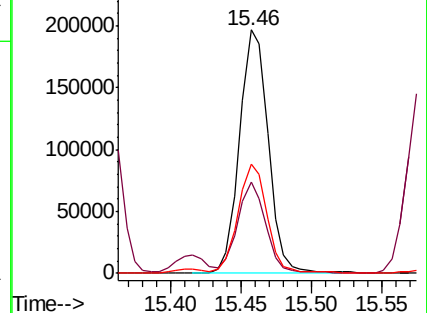
3/19/2019 5:28:03 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 48.097 ng

RT: 15.58 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

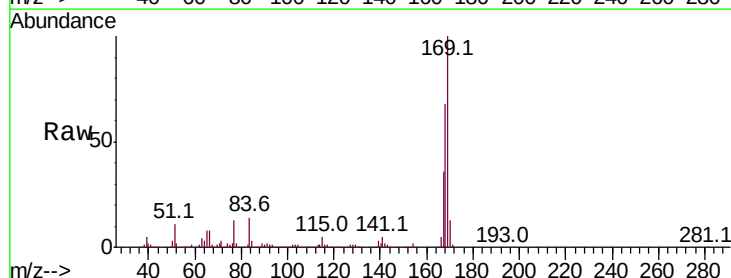
Tgt Ion:169 Resp: 1888075

Ion Ratio Lower Upper

169 100

168 68.3 53.9 80.9

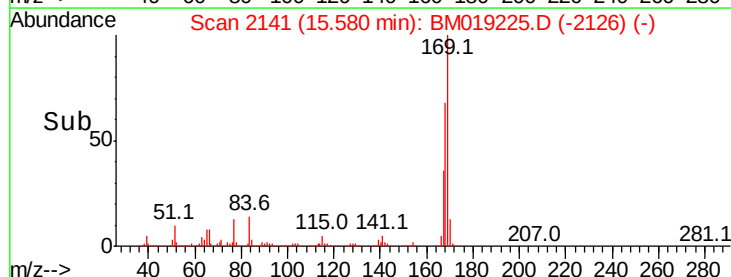
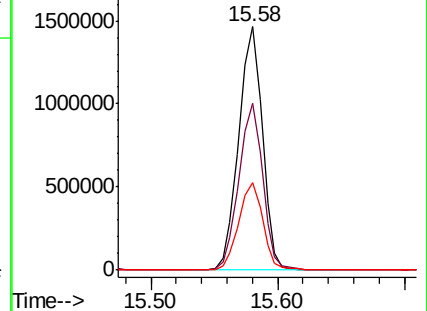
167 36.1 28.8 43.2

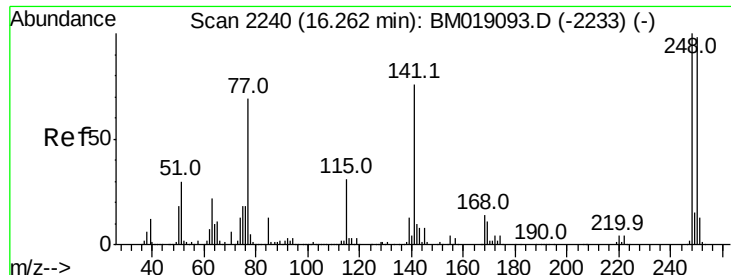


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





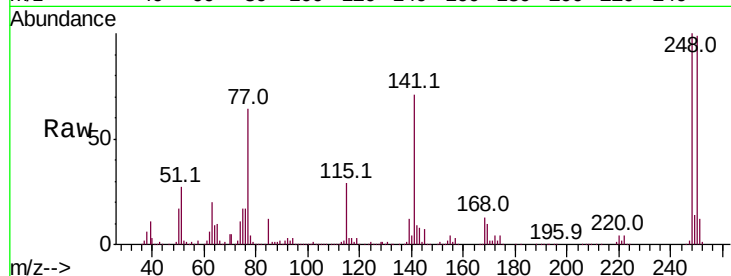
#67
4-Bromophenyl-phenylether
Concen: 47.351 ng
RT: 16.25 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.7	78.0	117.0
141	71.1	61.0	91.4

Manual Integrations
APPROVED

Sohil
3/19/2019 5:28:03 PM

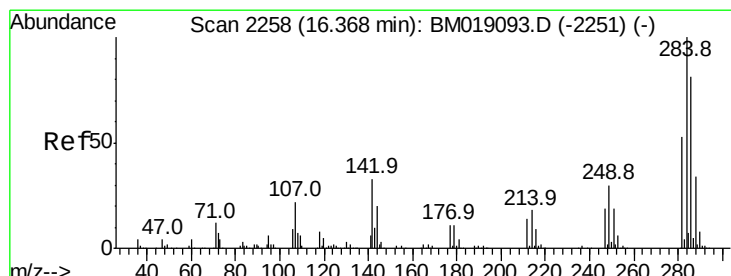
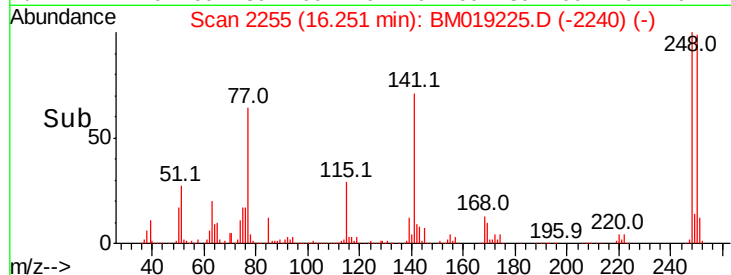
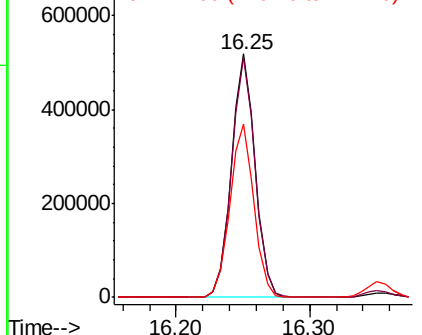


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 46.811 ng
RT: 16.36 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

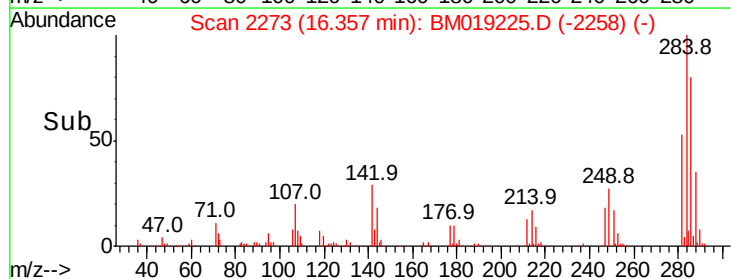
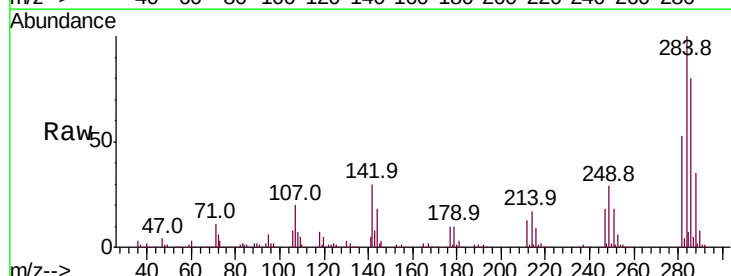
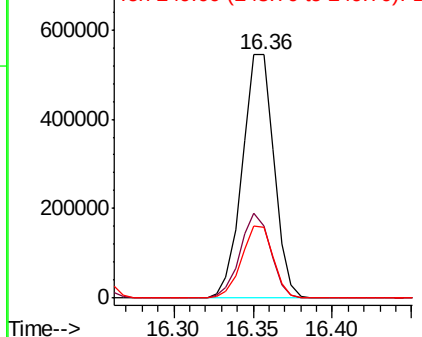
Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.9	26.3	39.5
249	28.9	24.1	36.1

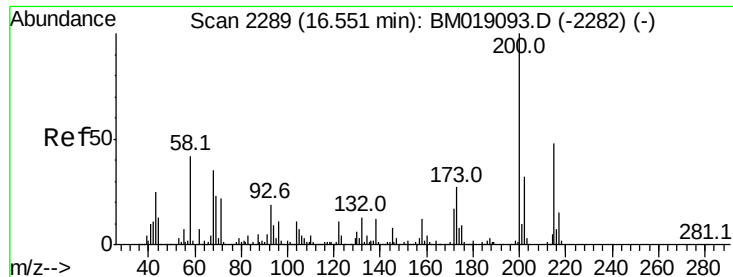
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





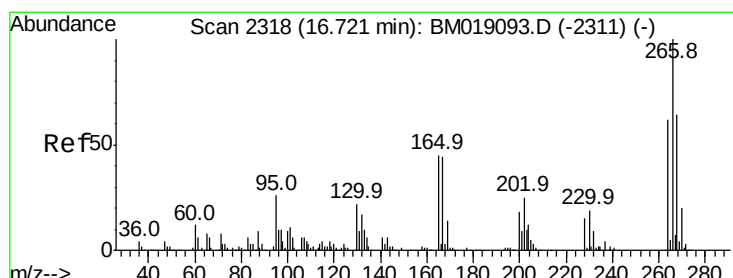
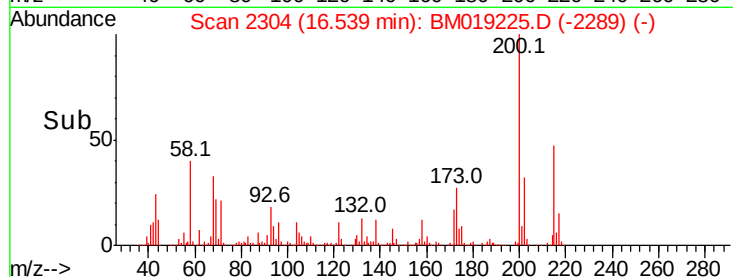
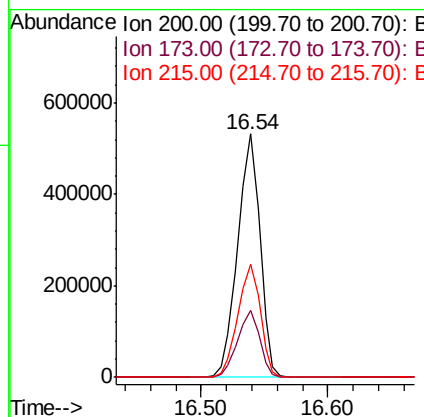
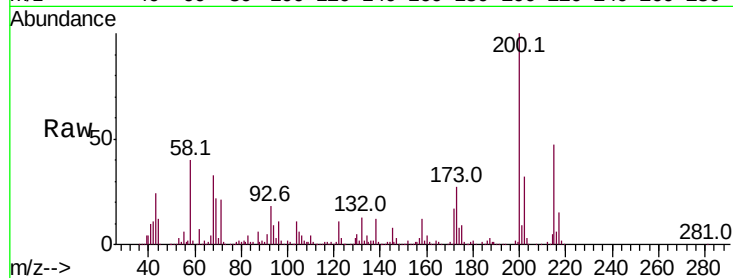
#69
Atrazine
Concen: 49.052 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	7.0	47.0
215	46.6	27.7	67.7

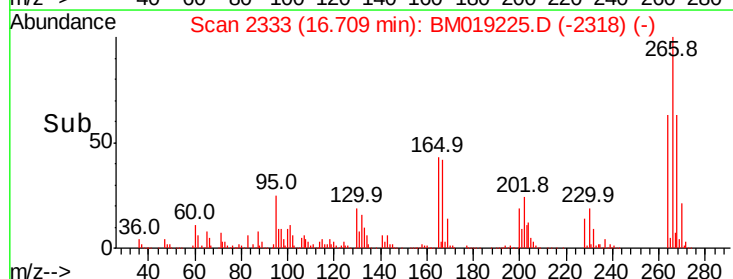
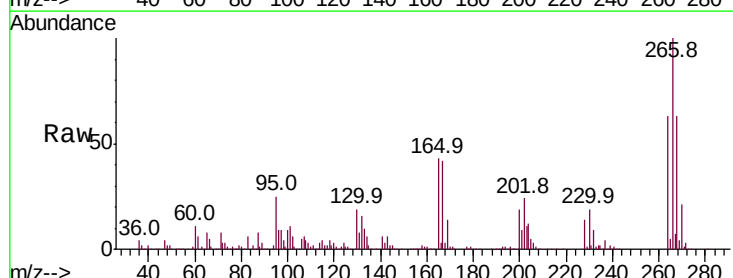
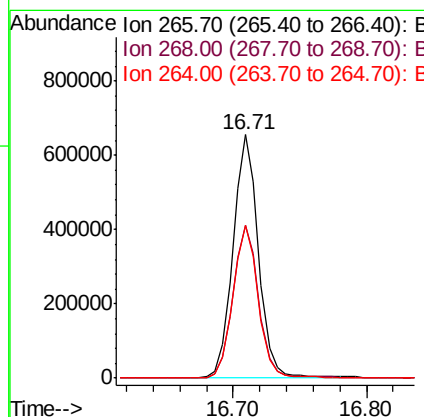
Manual Integrations
APPROVED

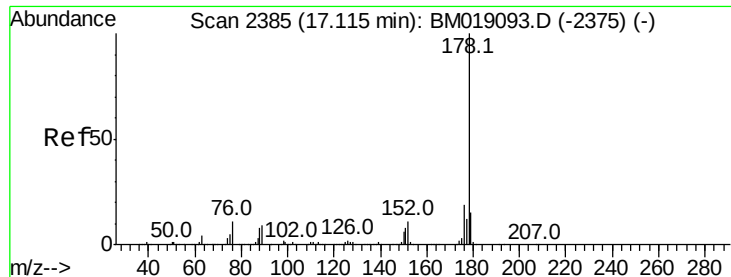
Sohil
3/19/2019 5:28:03 PM



#70
Pentachlorophenol
Concen: 89.742 ng
RT: 16.71 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.3	76.9
264	62.7	50.0	75.0





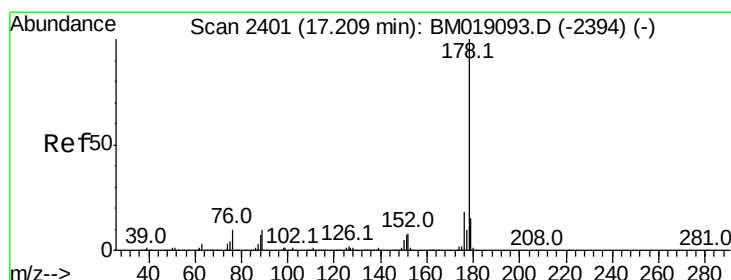
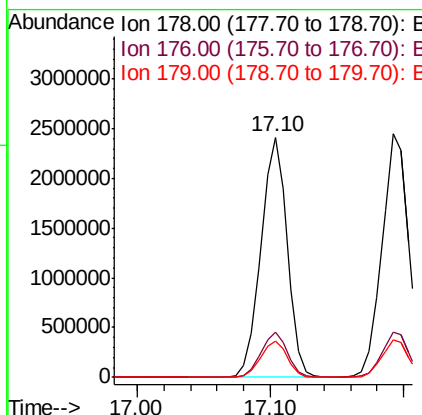
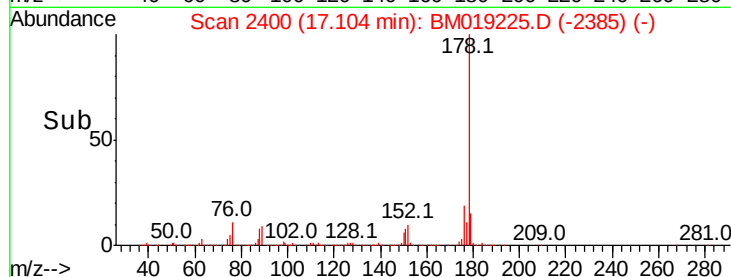
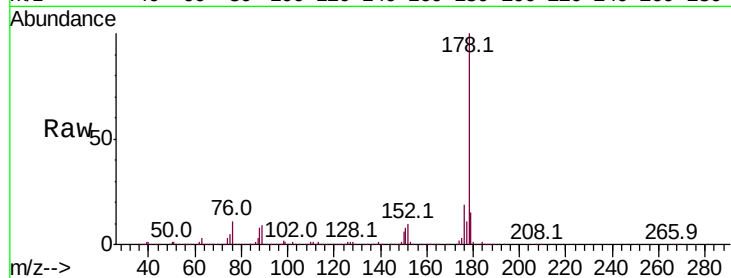
#71
Phenanthrene
Concen: 45.192 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

Tot Ion:178 Resp: 3266145
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.3 12.2 18.2

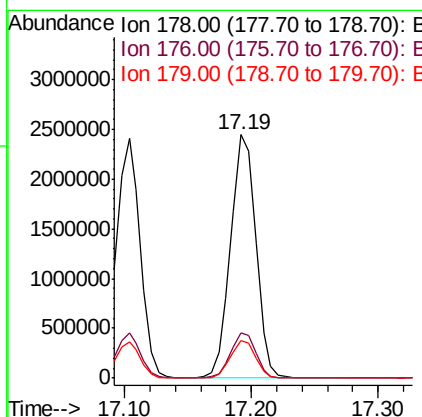
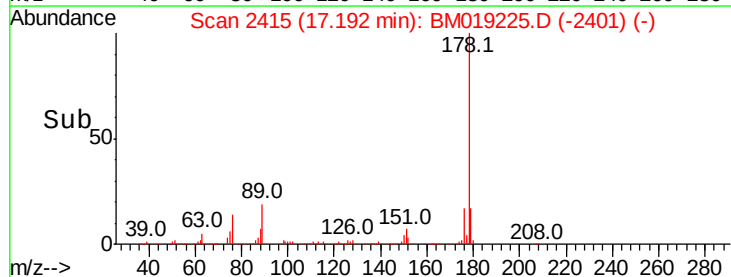
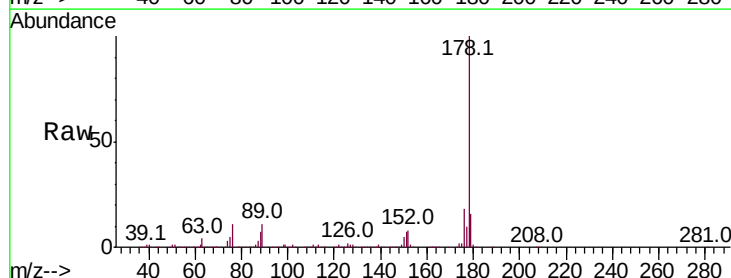
Manual Integrations
APPROVED

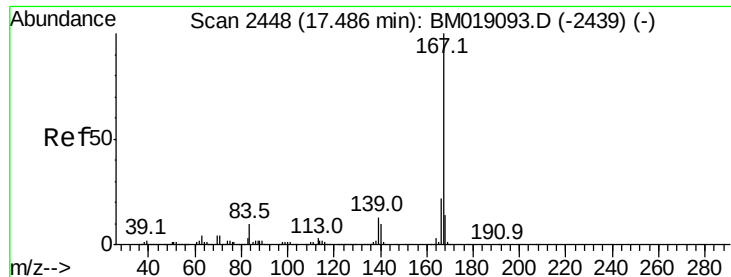
Sohil
3/19/2019 5:28:03 PM



#72
Anthracene
Concen: 47.298 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.02 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Tgt Ion:178 Resp: 3346465
Ion Ratio Lower Upper
178 100
176 18.5 14.6 22.0
179 15.5 11.9 17.9





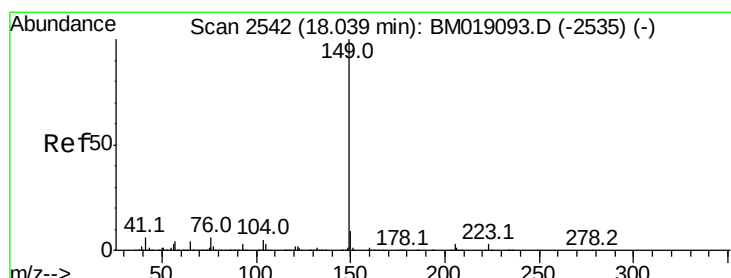
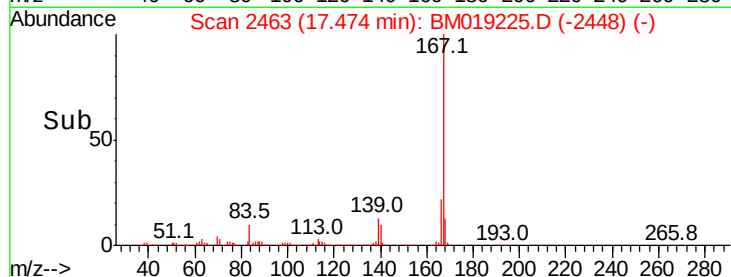
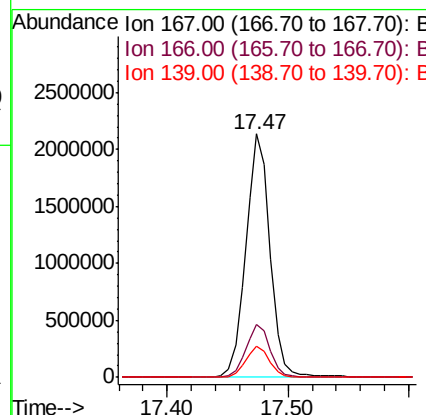
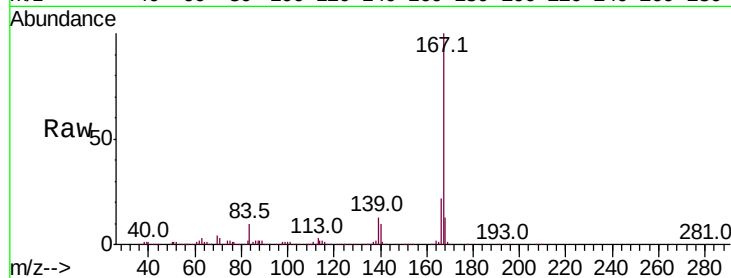
#73
 Carbazole
 Concen: 44.454 ng
 RT: 17.47 min Scan# 2463
 Delta R.T. -0.01 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B100-031219MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.8
139	13.0	10.5	15.7

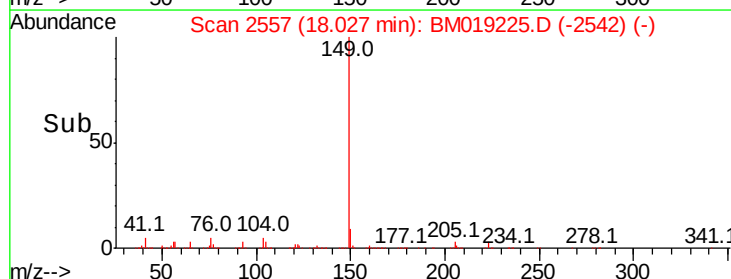
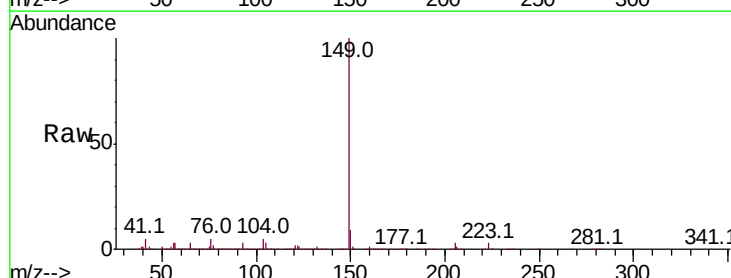
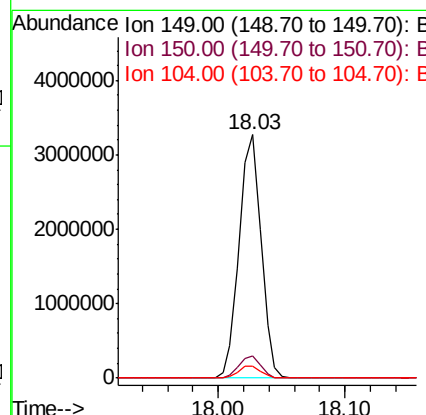
Manual Integrations
 APPROVED

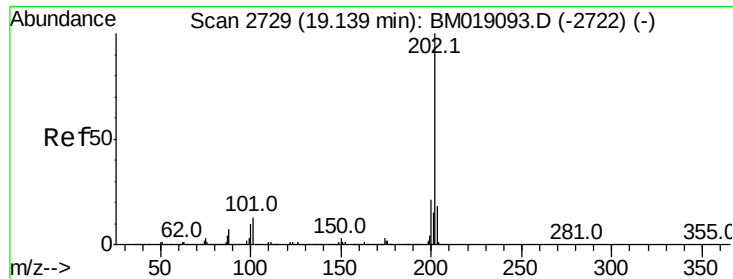
Sohil
 3/19/2019 5:28:03 PM



#74
 Di-n-butylphthalate
 Concen: 48.349 ng
 RT: 18.03 min Scan# 2557
 Delta R.T. -0.01 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.0	4.2	6.4





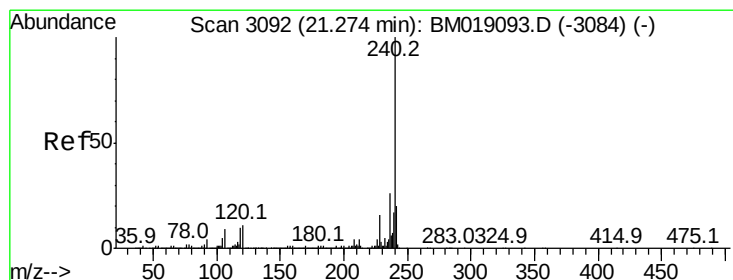
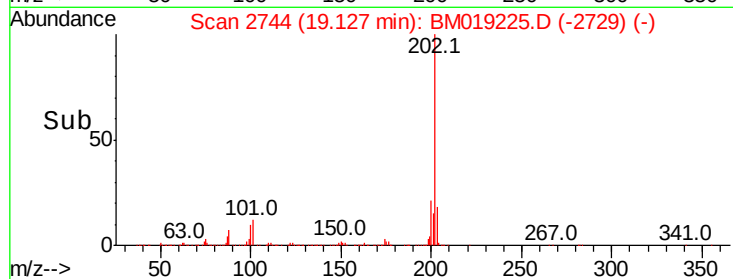
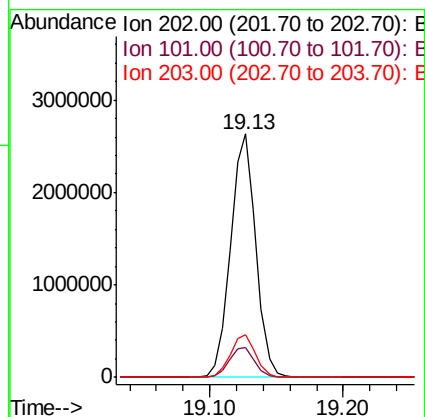
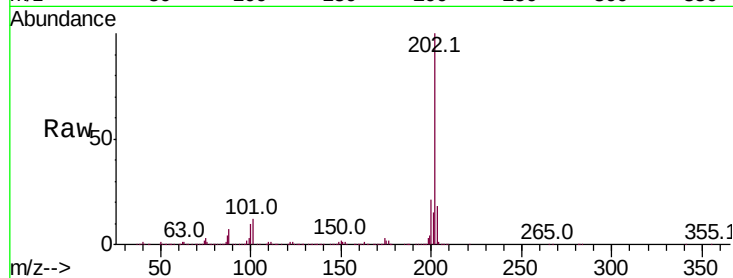
#75
Fluoranthene
Concen: 41.879 ng
RT: 19.13 min Scan# 2744
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	33.0
203	17.7	0.0	37.8

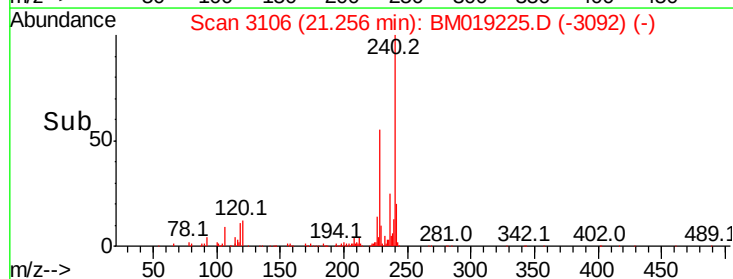
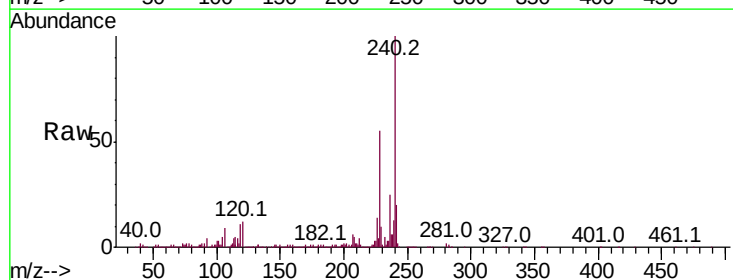
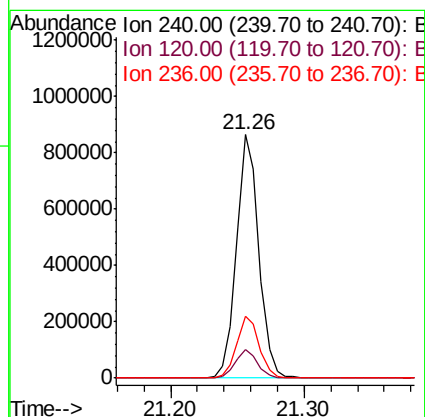
Manual Integrations
APPROVED

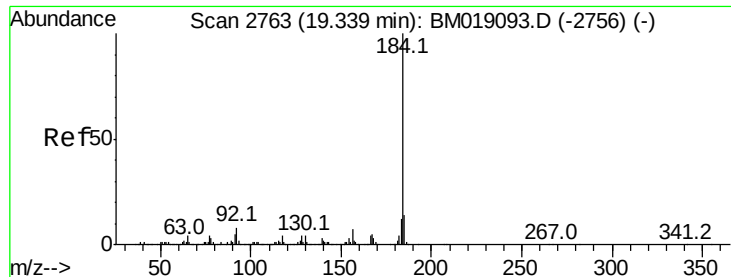
Sohil
3/19/2019 5:28:03 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3106
Delta R.T. -0.02 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.9	13.3
236	25.2	21.0	31.4





#77

Benzidine

Concen: 24.492 ng

RT: 19.33 min Scan# 2778

Delta R.T. -0.01 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Instrument :

BNA_M

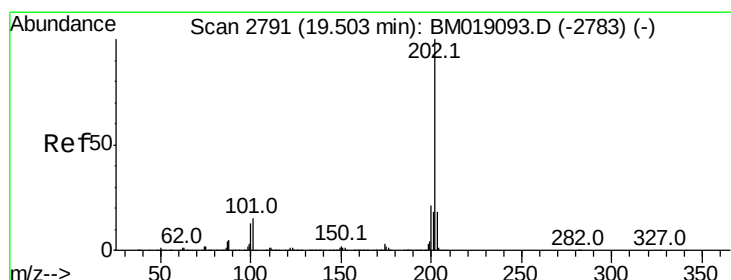
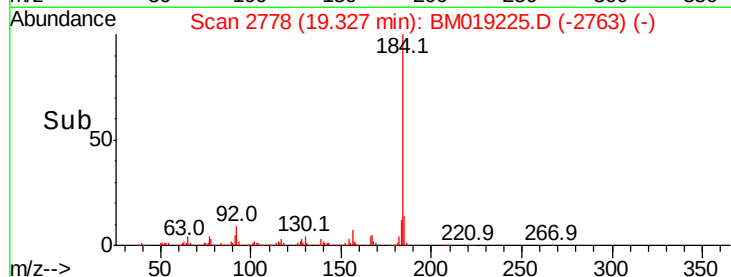
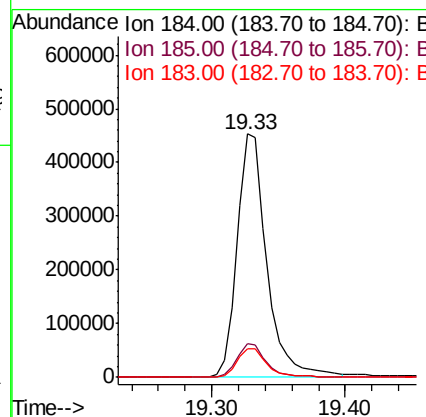
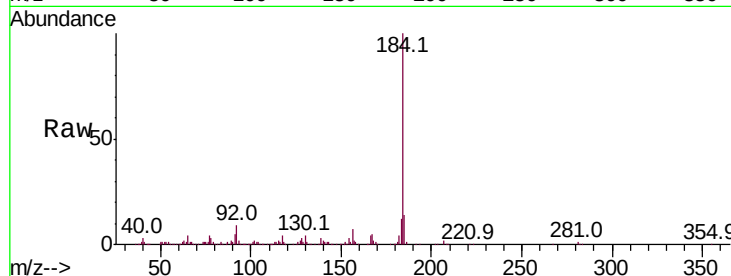
ClientSampleId :

PST-028-B100-031219MS

Tot Ion:	184	Resp:	703325
Ion Ratio	Lower	Upper	
184	100		
185	14.1	11.0	16.4
183	11.8	9.8	14.6

Manual Integrations
APPROVED

Sohil
3/19/2019 5:28:03 PM



#78

Pyrene

Concen: 53.973 ng

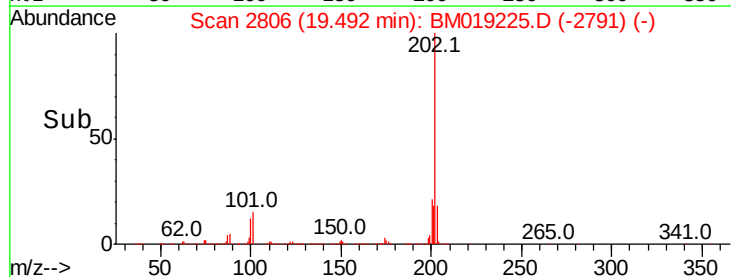
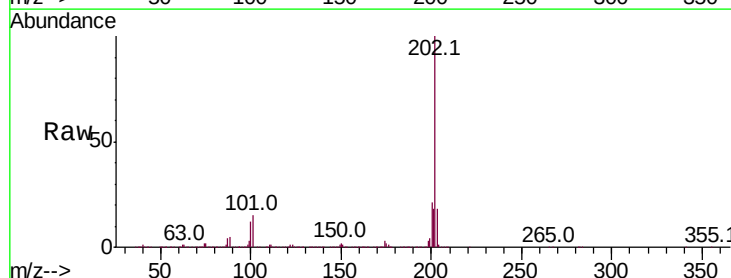
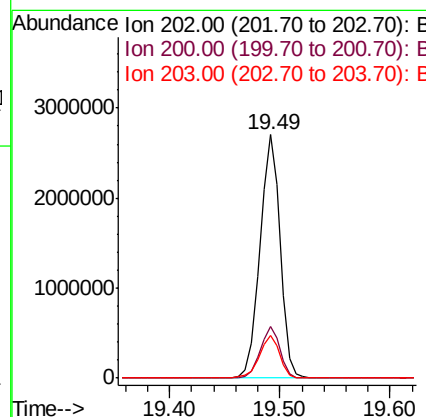
RT: 19.49 min Scan# 2806

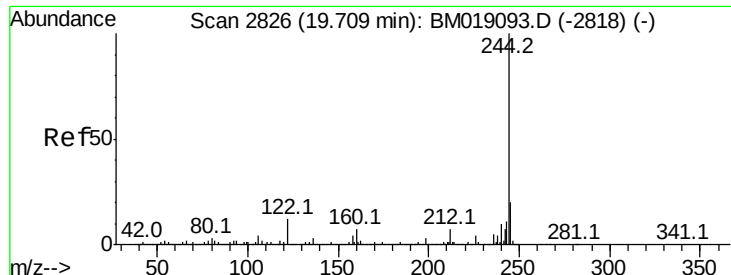
Delta R.T. -0.01 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Tgt Ion:	202	Resp:	3457713
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.9	25.3
203	17.7	14.0	21.0





#79
 Terphenyl-d14
 Concen: 109.930 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

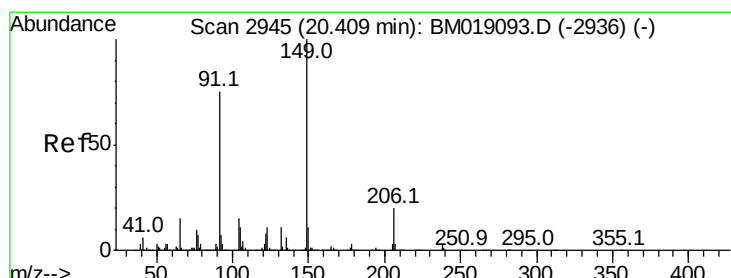
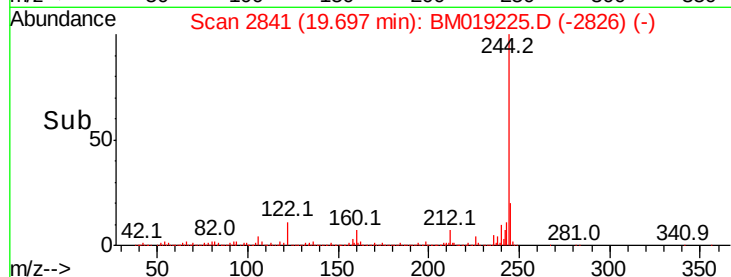
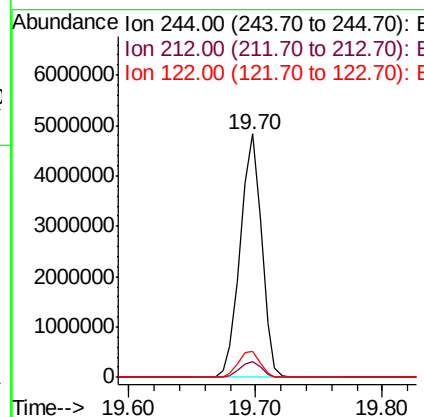
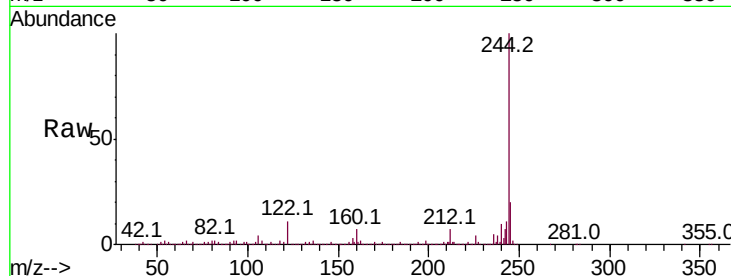
Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B100-031219MS

Tot Ion:244 Resp: 5606797

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	10.9	9.4	14.2

Manual Integrations
 APPROVED

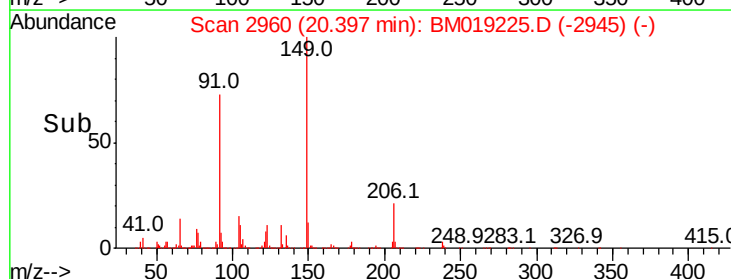
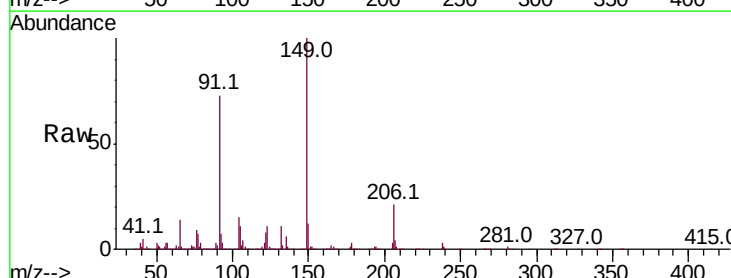
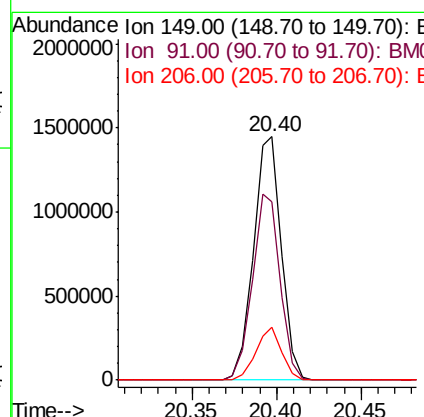
Sohil
 3/19/2019 5:28:03 PM

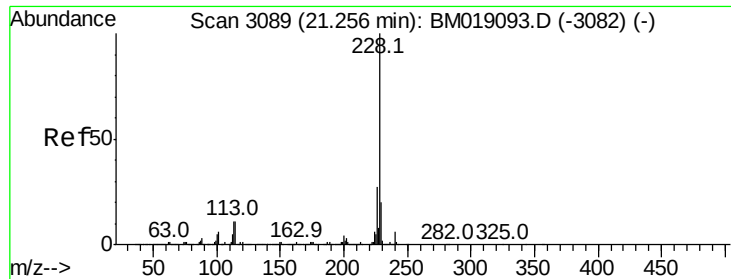


#80
 Butylbenzylphthalate
 Concen: 59.532 ng
 RT: 20.40 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BM019225.D
 Acq: 18 Mar 2019 20:53

Tgt Ion:149 Resp: 1661164

Ion	Ratio	Lower	Upper
149	100		
91	73.5	60.1	90.1
206	21.5	16.2	24.2





#81

Benzo(a)anthracene

Concen: 44.004 ng

RT: 21.24 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Instrument :

BNA_M

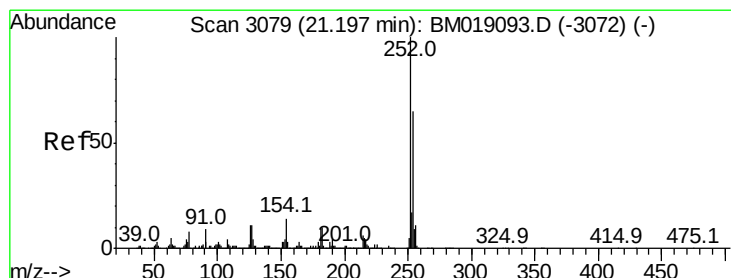
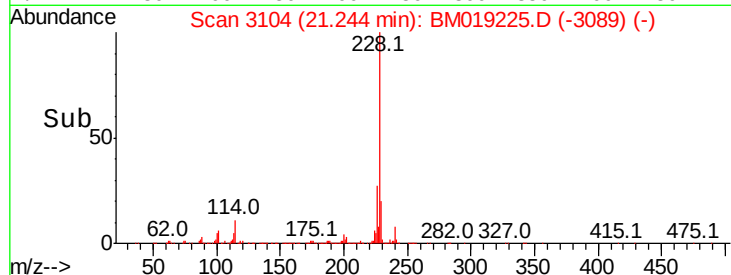
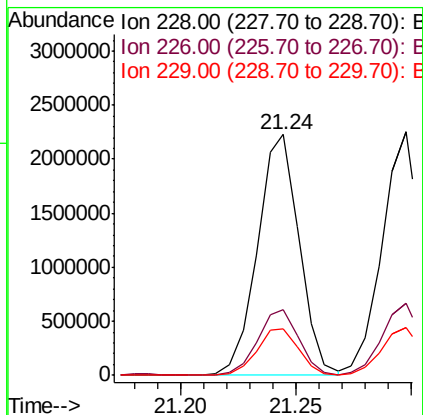
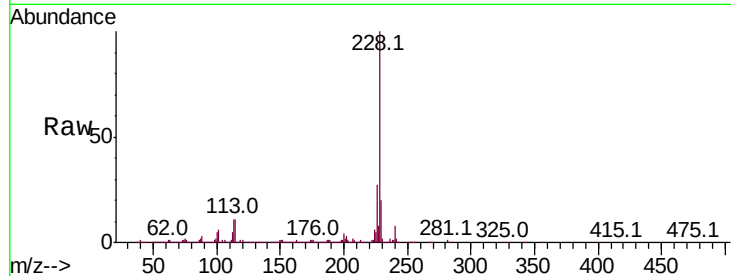
ClientSampleId :

PST-028-B100-031219MS

Tot Ion:	228	Resp:	2795239
Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.8
229	19.6	15.8	23.6

Manual Integrations
APPROVED

Sohil
3/19/2019 5:28:03 PM



#82

3,3'-Dichlorobenzidine

Concen: 36.706 ng

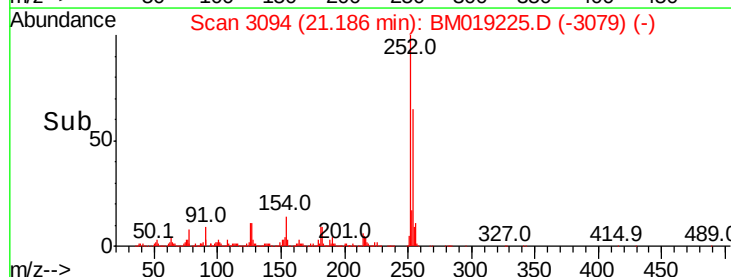
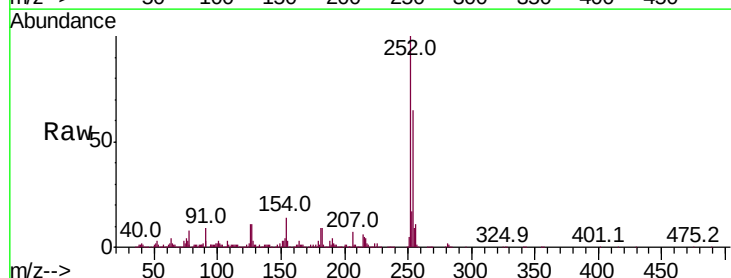
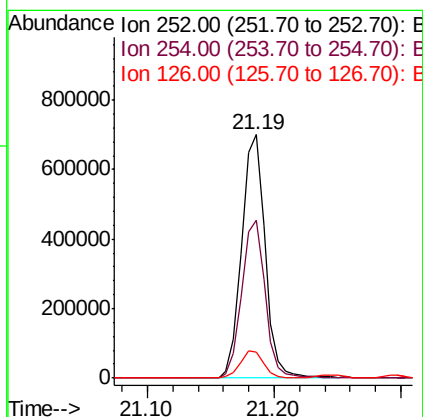
RT: 21.19 min Scan# 3094

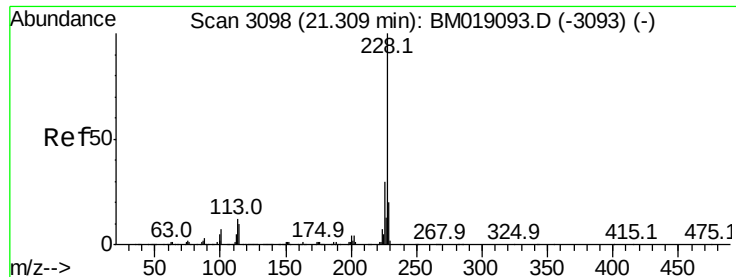
Delta R.T. -0.01 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Tgt Ion:	252	Resp:	898234
Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.4	78.6
126	10.6	9.0	13.6





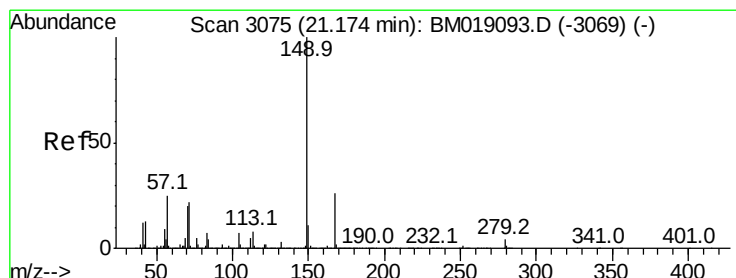
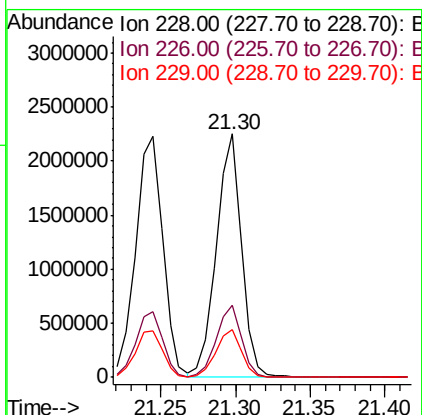
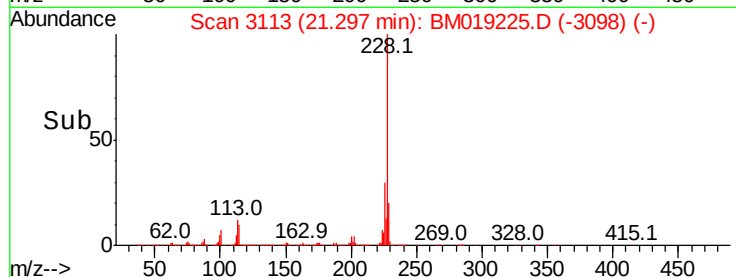
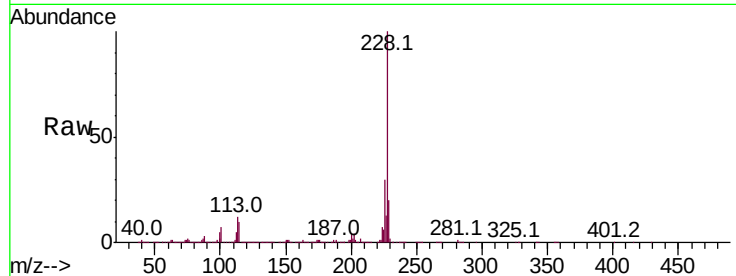
#83
Chrysene
Concen: 43.483 ng
RT: 21.30 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	19.5	15.7	23.5

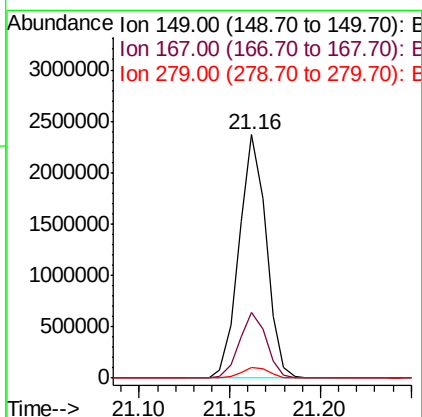
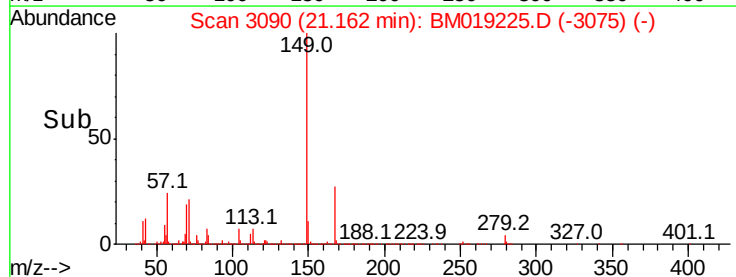
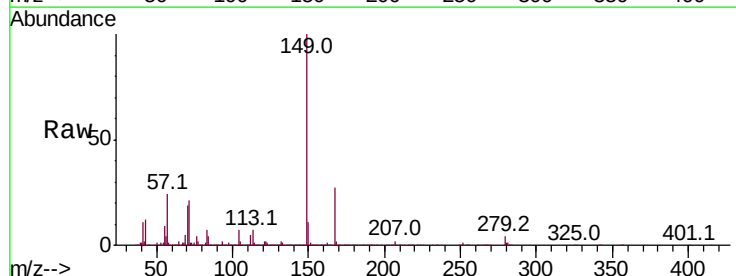
Manual Integrations
APPROVED

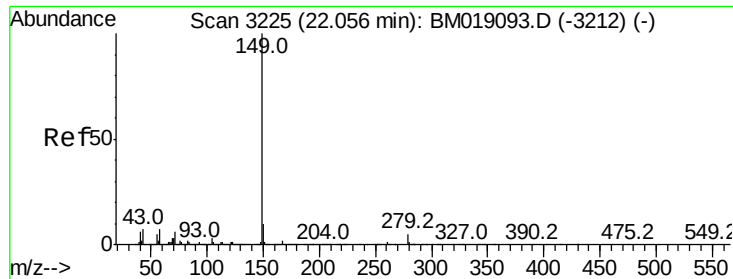
Sohil
3/19/2019 5:28:03 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 60.584 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.1	31.7
279	4.3	3.2	4.8





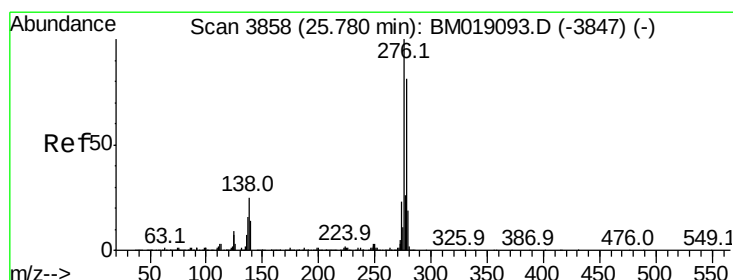
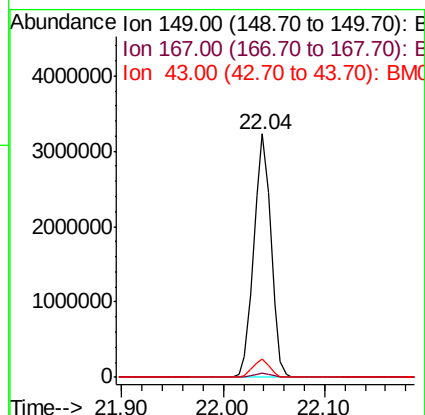
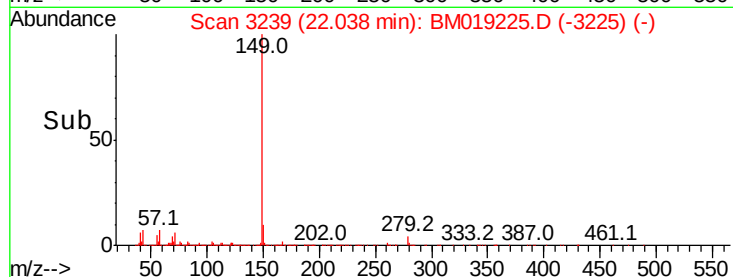
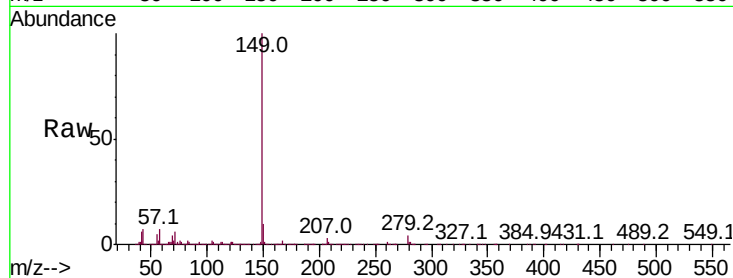
#85
Di-n-octyl phthalate
Concen: 55.388 ng
RT: 22.04 min Scan# 3239
Delta R.T. -0.02 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.4	6.1	9.1

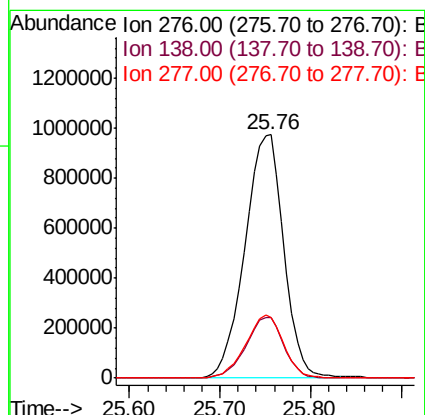
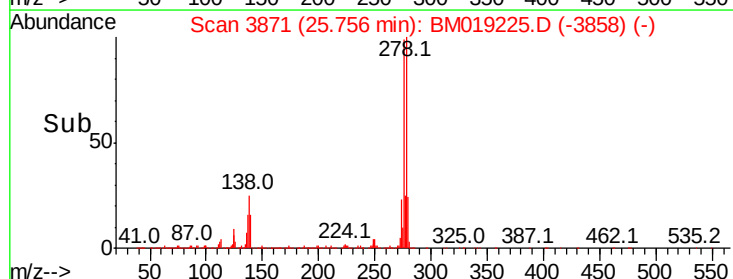
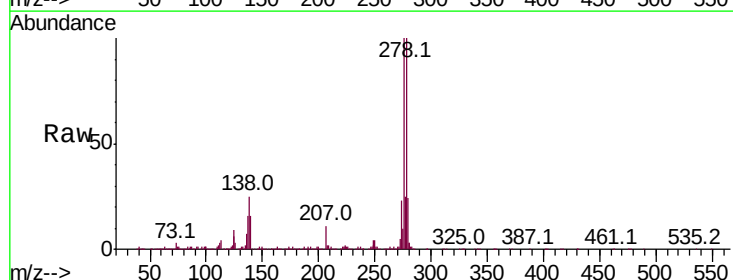
Manual Integrations
APPROVED

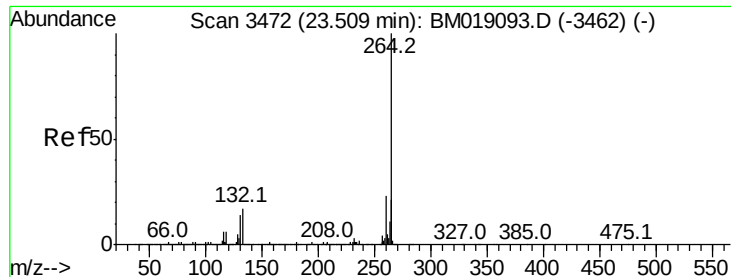
Sohil
3/19/2019 5:28:03 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.731 ng
RT: 25.76 min Scan# 3871
Delta R.T. -0.02 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.8	29.8
277	25.1	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.49 min Scan# 3486

Delta R.T. -0.02 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Instrument :

BNA_M

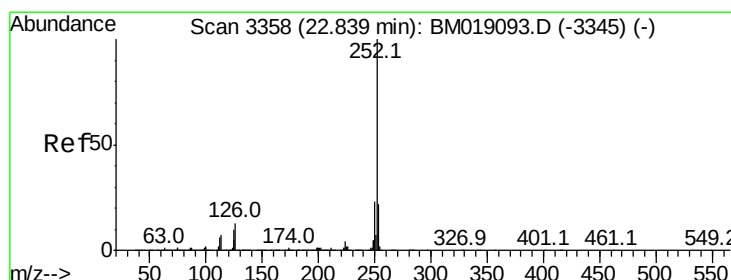
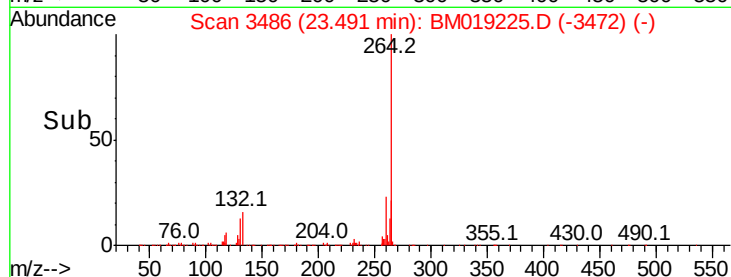
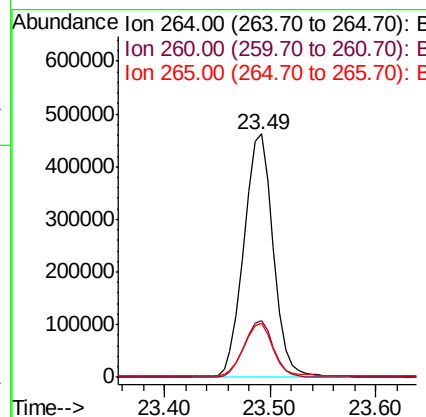
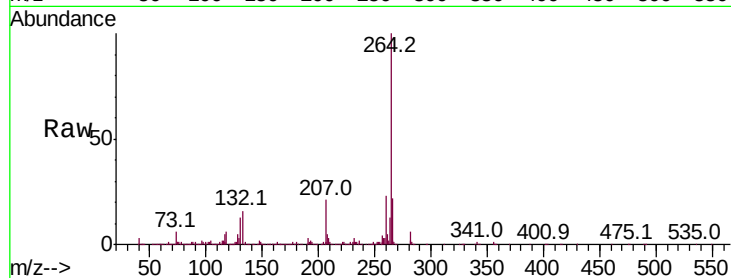
ClientSampleId :

PST-028-B100-031219MS

Tot Ion:	264	Resp:	893983
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.6	28.0
265	22.3	17.3	25.9

Manual Integrations
APPROVED

Sohil
3/19/2019 5:28:03 PM



#88

Benzo(b)fluoranthene

Concen: 43.920 ng

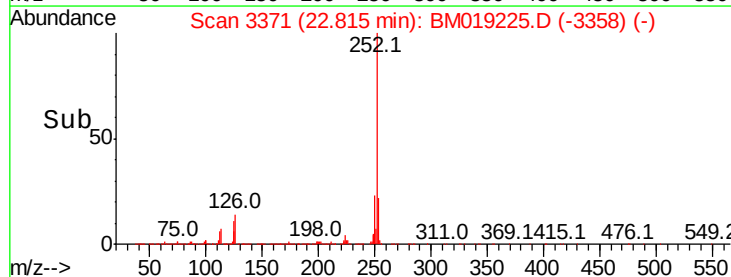
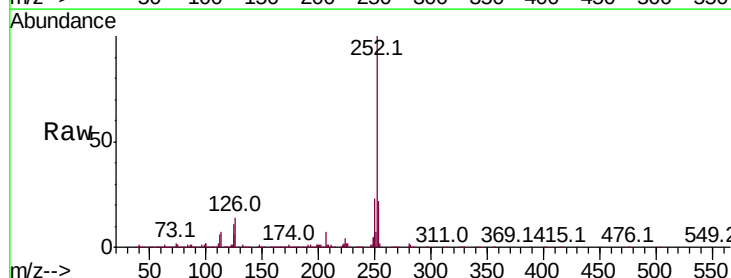
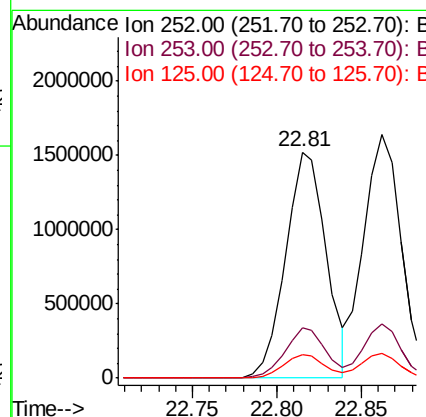
RT: 22.81 min Scan# 3371

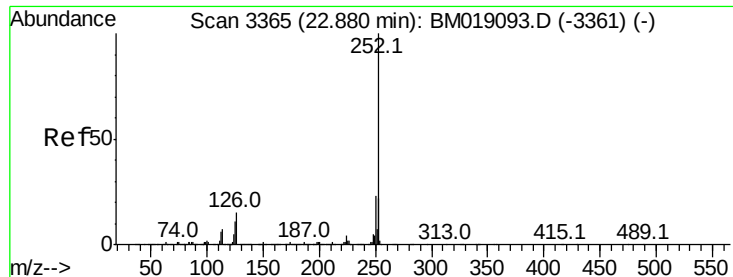
Delta R.T. -0.02 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Tgt Ion:	252	Resp:	2544175
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.6	26.4
125	10.6	8.1	12.1





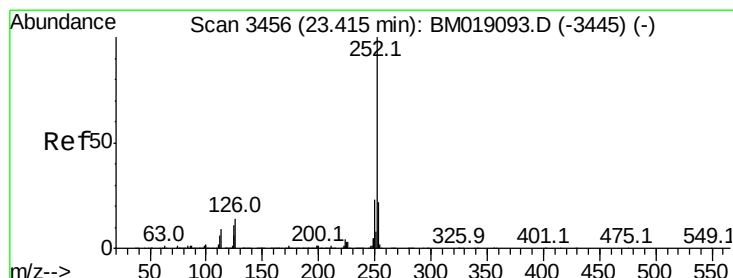
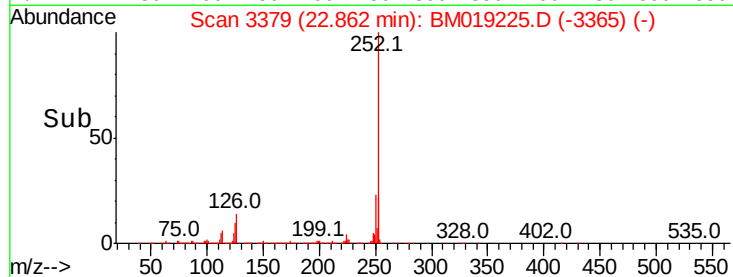
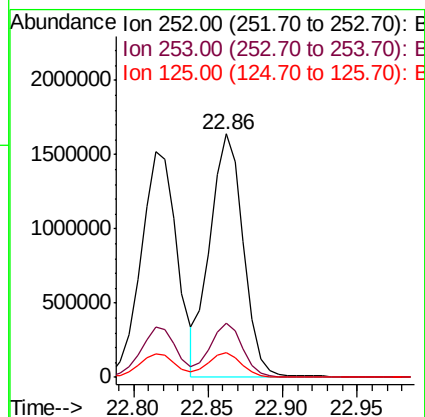
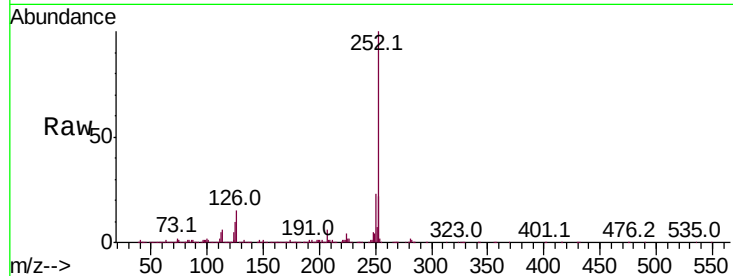
#89
Benzo(k)fluoranthene
Concen: 47.790 ng
RT: 22.86 min Scan# 3379
Delta R.T. -0.02 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.2	8.8	13.2

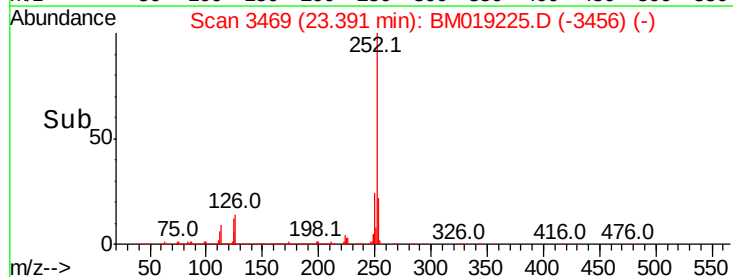
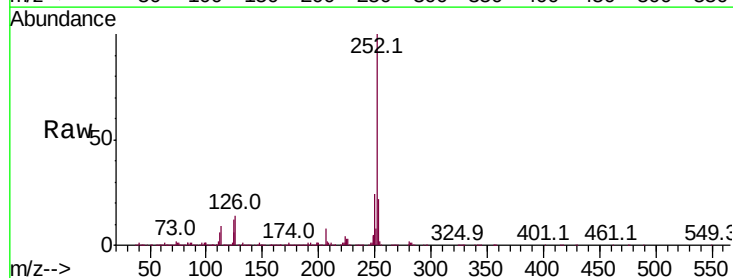
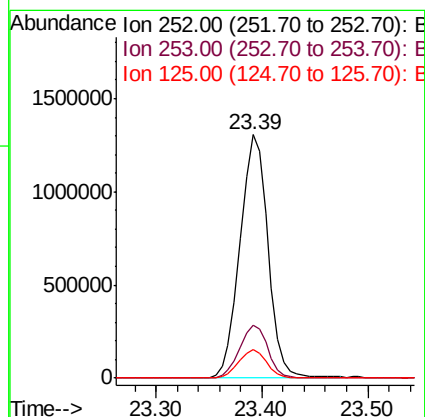
Manual Integrations
APPROVED

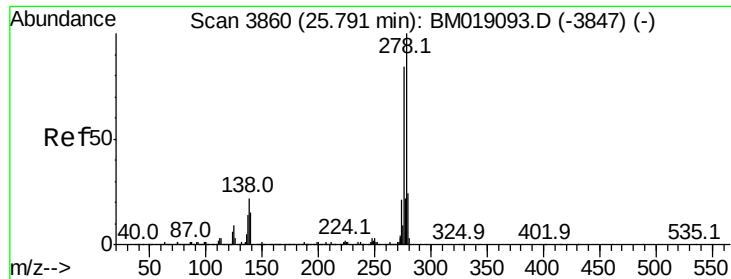
Sohil
3/19/2019 5:28:03 PM



#90
Benzo(a)pyrene
Concen: 46.122 ng
RT: 23.39 min Scan# 3469
Delta R.T. -0.02 min
Lab File: BM019225.D
Acq: 18 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	11.6	9.2	13.8





#91

Dibenzo(a,h)anthracene

Concen: 49.414 ng

RT: 25.76 min Scan# 3871

Delta R.T. -0.04 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

Instrument :

BNA_M

ClientSampleId :

PST-028-B100-031219MS

Tot Ion:278 Resp: 2460729

Ion Ratio Lower Upper

278 100

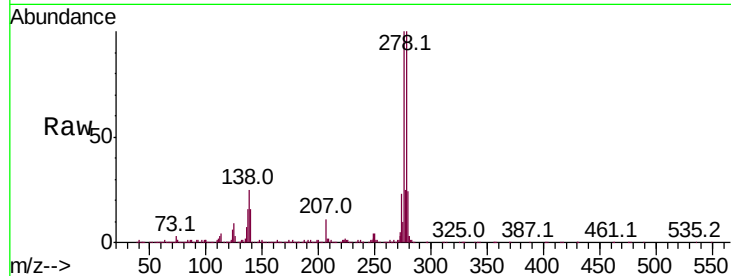
139 15.8 12.3 18.5

279 24.2 18.9 28.3

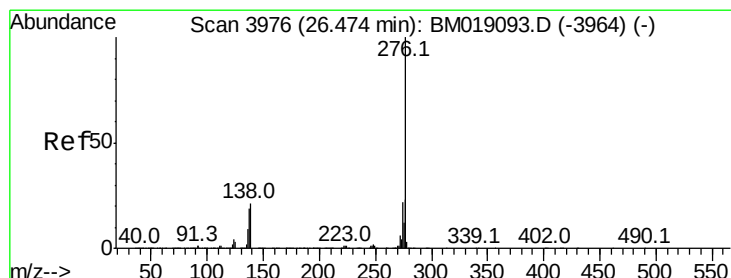
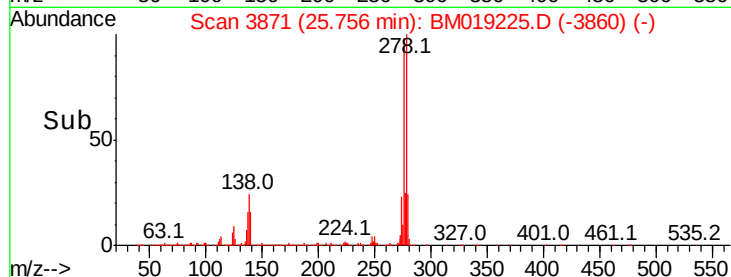
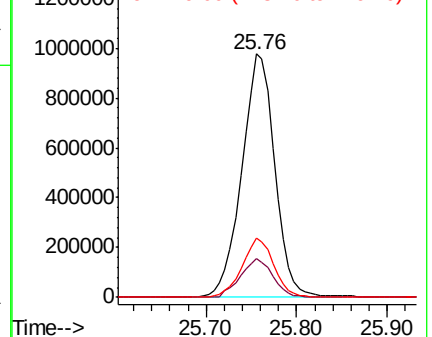
Manual Integrations
APPROVED

Sohil

3/19/2019 5:28:03 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.768 ng

RT: 26.44 min Scan# 3988

Delta R.T. -0.03 min

Lab File: BM019225.D

Acq: 18 Mar 2019 20:53

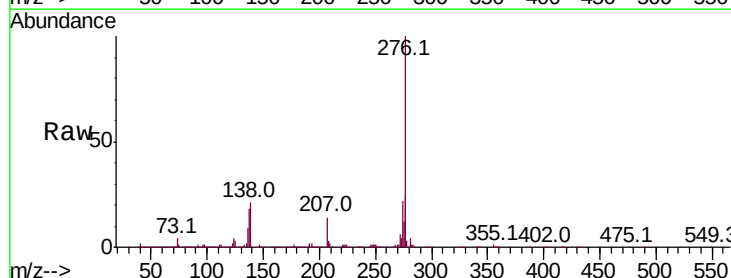
Tgt Ion:276 Resp: 2321085

Ion Ratio Lower Upper

276 100

277 24.3 18.8 28.2

138 21.0 17.0 25.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

