

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\
 Data File : BM018026.D
 Acq On : 10 Dec 2018 15:39
 Operator : JU/SJ
 Sample : J6155-22
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4131

Manual Integrations
 APPROVED

Sohil
 12/11/2018 6:11:13 PM

Quant Time: Dec 11 06:24:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 11 06:16:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	149121	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	597023	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	314671	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	602139	20.00	ng/ul	0.00
77) Chrysene-d12	21.17	240	549478	20.00	ng/ul	0.00
85) Perylene-d12	23.35	264	539625	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	23631	7.25	ng/uL	0.03
5) Phenol-d5	6.75	99	406531	29.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	234181	28.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	356132	33.42	ng/ul	0.01
13) 4-Methylphenol-d8	8.27	113	345902	31.09	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	166305	36.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	184387	35.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	319629	31.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	390835	45.53	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	870592	31.89	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	1157774	35.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	115867	23.34	ng/ul	0.00
57) Fluorene-d10	15.20	176	743597	31.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	153777	35.72	ng/ul	0.00
70) Anthracene-d10	17.06	188	1052004	35.09	ng/ul	0.00
78) Pyrene-d10	19.37	212	1069183	40.21	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.21	264	944497	32.27	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.78	94	226583	16.668	ng/ul 95
8) Bis(2-Chloroethyl)ether	7.00	93	533920	51.409	ng/ul 94
11) 2-Methylphenol	8.00	108	526497	50.762	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.37	70	441401	48.793	ng/ul 96
16) 4-Methylphenol	8.33	108	553955	49.425	ng/ul 90
17) Hexachloroethane	8.61	117	165033	38.232	ng/ul 94
21) Isophorone	9.27	82	720166	33.634	ng/ul 99
24) 2,4-Dimethylphenol	9.52	107	465817	40.779	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.75	93	567317	43.297	ng/ul 98
27) 2,4-Dichlorophenol	9.98	162	136935	14.499	ng/ul 97
28) Naphthalene	10.37	128	700082	22.506	ng/ul 98
31) Hexachlorobutadiene	10.65	225	377620	60.202	ng/ul 98
32) Caprolactam	11.29	113	93236m	29.838	ng/ul
36) 1,2,4,5-Tetrachlorobenzene	12.37	216	419991	40.000	ng/ul 98
37) Hexachlorocyclopentadiene	12.33	237	222318	32.833	ng/ul 96
39) 2,4,5-Trichlorophenol	12.70	196	266243	36.481	ng/ul 100
41) 2-Chloronaphthalene	13.06	162	393815	19.435	ng/ul 99
44) Dimethylphthalate	13.67	163	454331	17.176	ng/ul 99
47) Acenaphthylene	13.92	152	698850	22.646	ng/ul 99
48) 3-Nitroaniline	14.13	138	267484	53.943	ng/ul 88
49) Acenaphthene	14.27	153	708209	31.843	ng/ul 100
50) 2,4-Dinitrophenol	14.35	184	133833	37.976	ng/ul 96
53) Dibenzofuran	14.60	168	552238	17.547	ng/ul 100

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\
 Data File : BM018026.D
 Acq On : 10 Dec 2018 15:39
 Operator : JU/SJ
 Sample : J6155-22
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4131

Manual Integrations
 APPROVED

Sohil
 12/11/2018 6:11:13 PM

Quant Time: Dec 11 06:24:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 11 06:16:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) Fluorene	15.26	166	182307	6.946	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.26	204	374849	27.805	ng/ul	96
60) 4-Nitroaniline	15.31	138	262867	47.685	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.36	198	300743	67.793	ng/ul#	87
68) Pentachlorophenol	16.62	266	388042	81.554	ng/ul	98
71) Anthracene	17.09	178	1105559	31.395	ng/ul	100
74) Carbazole	17.37	167	1096734	35.345	ng/ul	98
76) Fluoranthene	19.03	202	670748	16.561	ng/ul	99
80) Butylbenzylphthalate	20.32	149	326405	22.885	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.10	149	473592	22.423	ng/ul	99
84) Chrysene	21.21	228	1021564	32.050	ng/ul	97
88) Benzo(k)fluoranthene	22.74	252	1245890	38.218	ng/ul	100
90) Benzo(a)pyrene	23.26	252	1182375	37.171	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.51	276	506611	15.031	ng/ul#	90

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

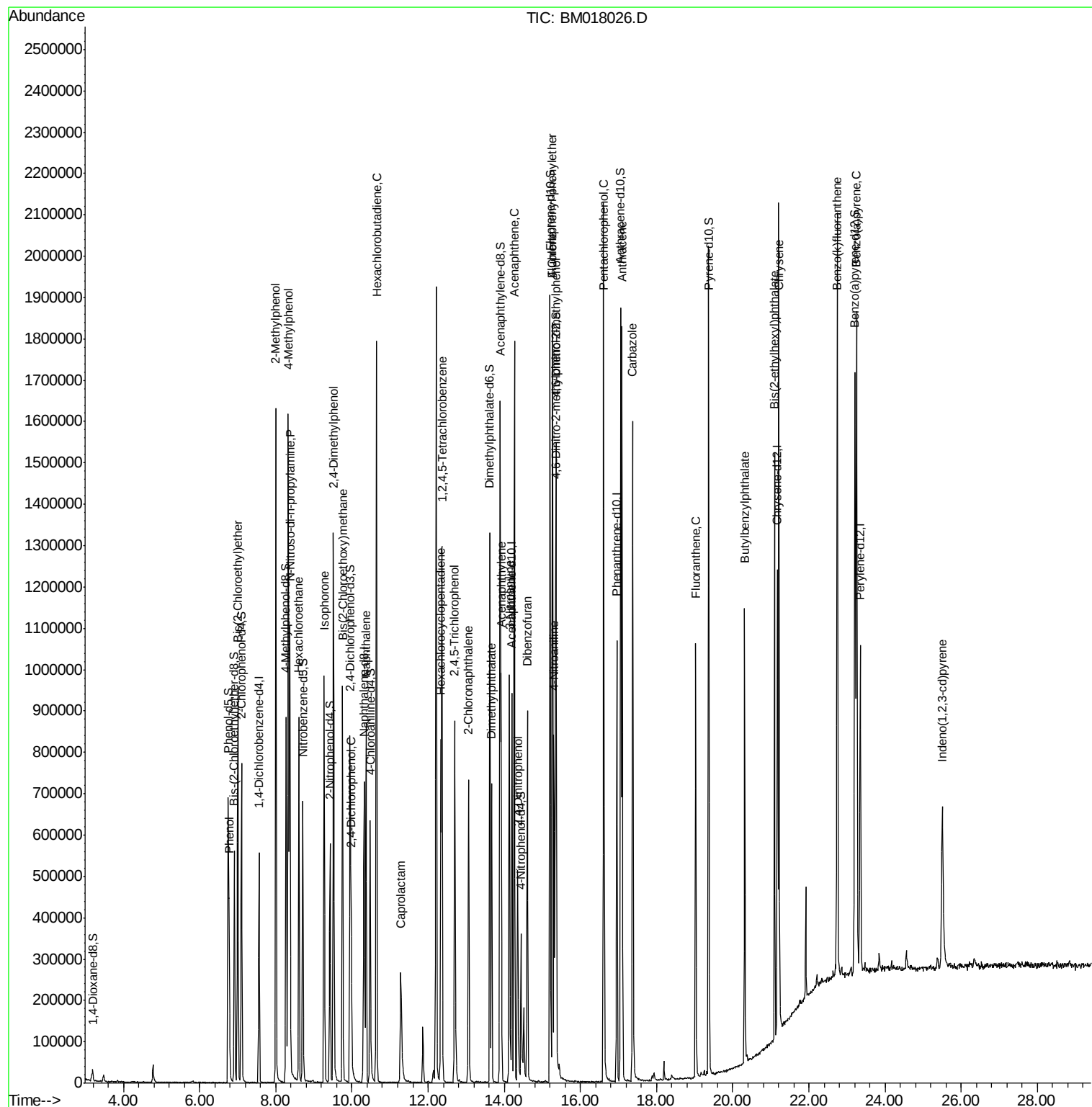
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121018\
Data File : BM018026.D
Acq On : 10 Dec 2018 15:39
Operator : JU/SJ
Sample : J6155-22
Misc :
ALS Vial : 3 Sample Multiplier: 1

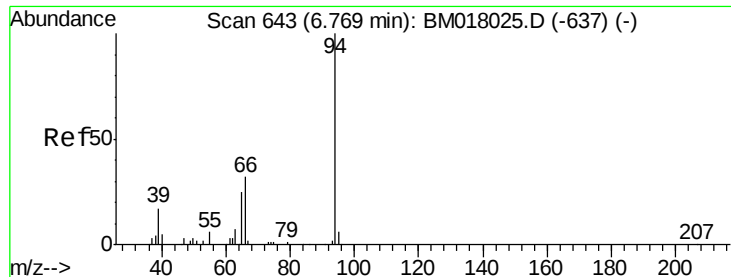
Instrument :
BNA_M
ClientSampleId :
A4131

Manual Integrations
APPROVED

Sohil
12/11/2018 6:11:13 PM

Quant Time: Dec 11 06:24:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 11 06:16:54 2018
Response via : Initial Calibration





#6

Phenol

Concen: 16.668 ng/ul

RT: 6.78 min Scan# 644

Delta R.T. 0.01 min

Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

Instrument :

BNA_M

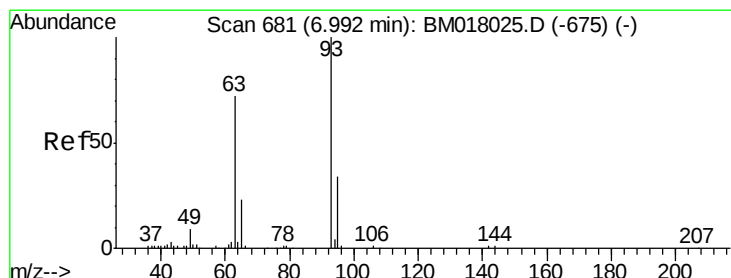
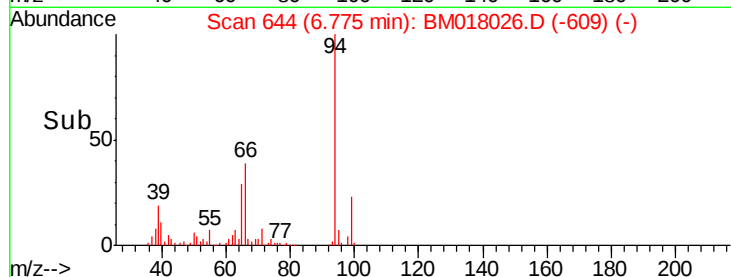
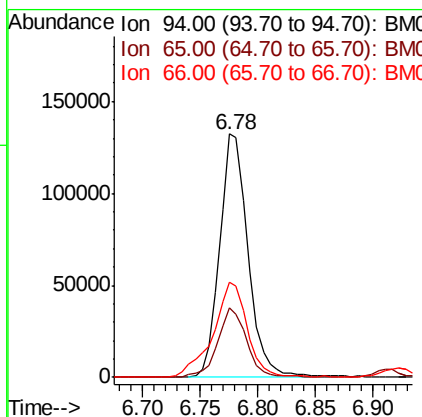
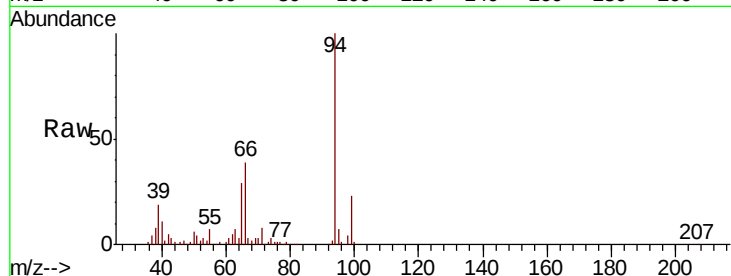
ClientSampled :

A4131

Tot Ion:	94	Resp:	226583
Ion	Ratio	Lower	Upper
94	100		
65	28.8	24.7	37.1
66	38.9	34.6	51.8

Manual Integrations
APPROVED

Sohil
12/11/2018 6:11:13 PM



#8

Bis(2-Chloroethyl)ether

Concen: 51.409 ng/ul

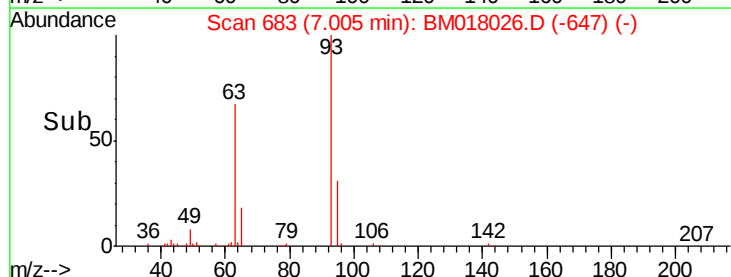
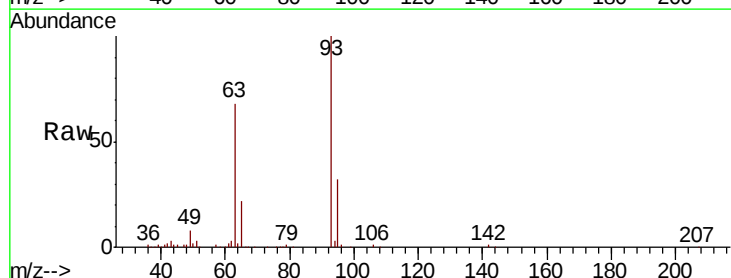
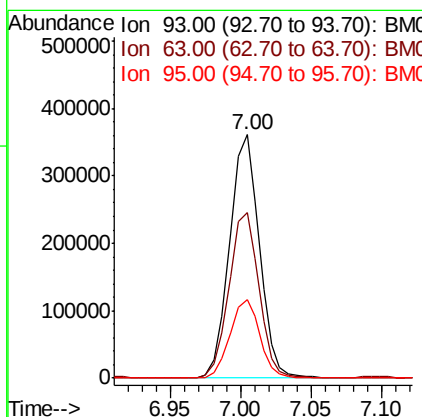
RT: 7.00 min Scan# 683

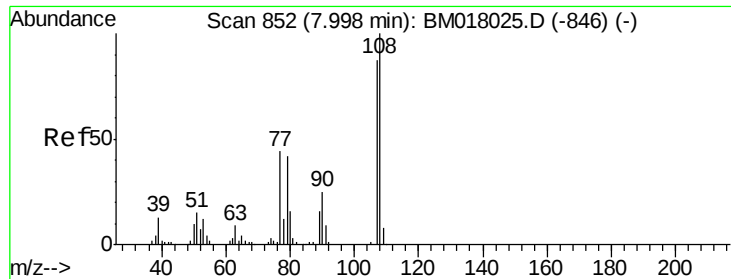
Delta R.T. 0.01 min

Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

Tgt Ion:	93	Resp:	533920
Ion	Ratio	Lower	Upper
93	100		
63	68.2	60.6	90.8
95	32.4	25.4	38.2





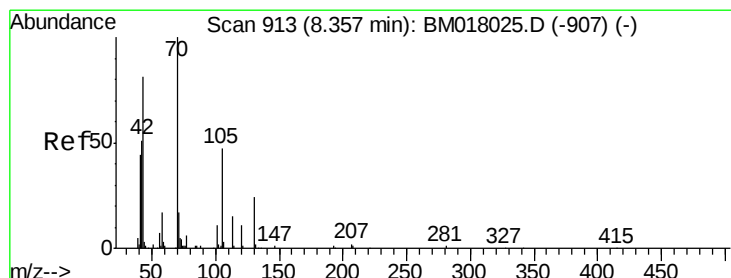
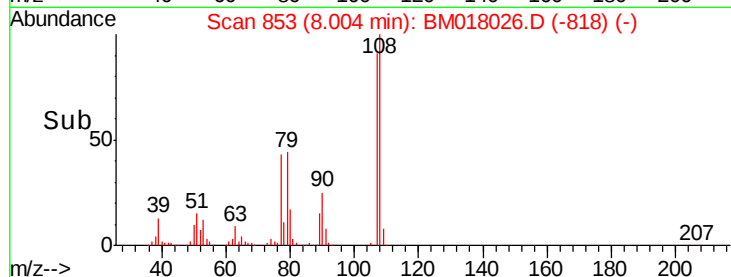
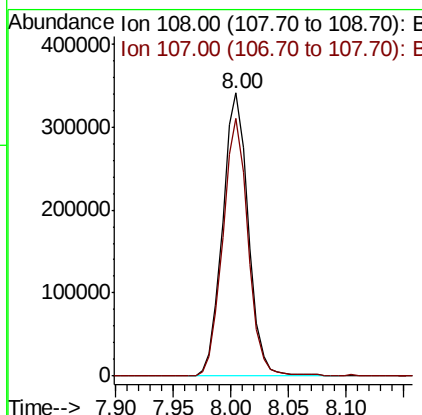
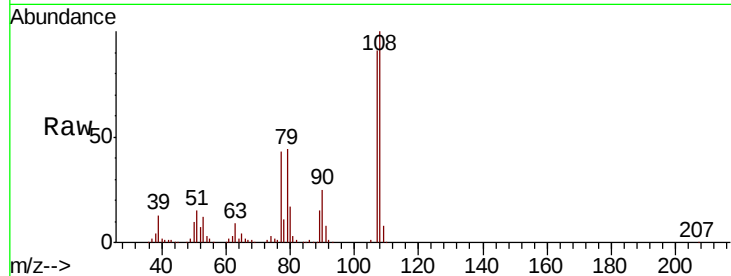
#11
2-Methylphenol
Concen: 50.762 ng/ul
RT: 8.00 min Scan# 853
Delta R.T. 0.01 min
Lab File: BM018026.D
Acq: 10 Dec 2018 15:39

Instrument :
BNA_M
ClientSampled :
A4131

Tot Ion	Ratio	Lower	Upper
108	100		
107	90.9	70.8	106.2

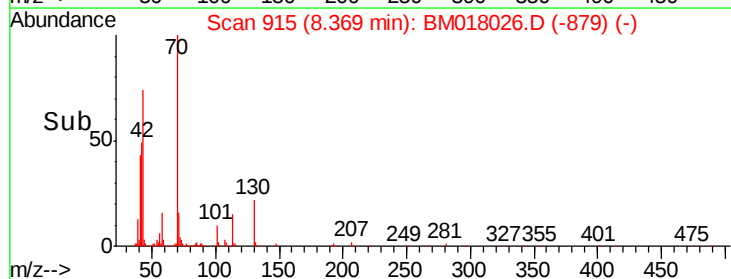
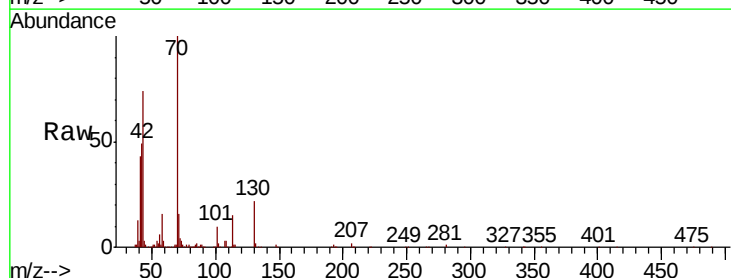
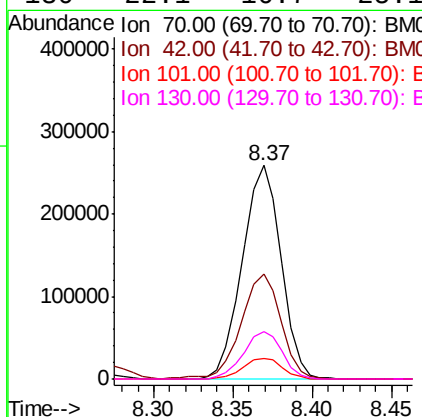
Manual Integrations
APPROVED

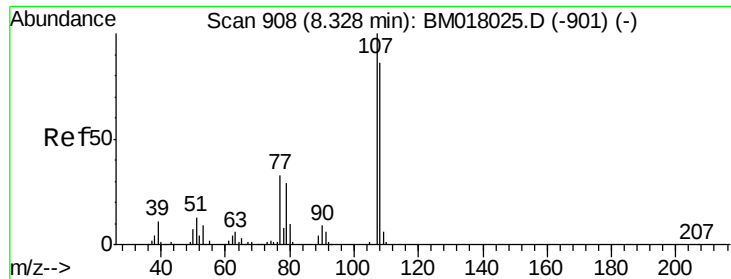
Sohil
12/11/2018 6:11:13 PM



#15
N-Nitroso-di-n-propylamine
Concen: 48.793 ng/ul
RT: 8.37 min Scan# 915
Delta R.T. 0.01 min
Lab File: BM018026.D
Acq: 10 Dec 2018 15:39

Tgt Ion	Ratio	Lower	Upper
70	100		
42	49.3	42.7	64.1
101	9.7	7.6	11.4
130	22.1	16.7	25.1





#16

4-Methylphenol

Concen: 49.425 ng/ul

RT: 8.33 min Scan# 908

Delta R.T. 0.00 min

Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

Instrument :

BNA_M

ClientSampled :

A4131

Tot Ion:108 Resp: 553955

Ion Ratio Lower Upper

108 100

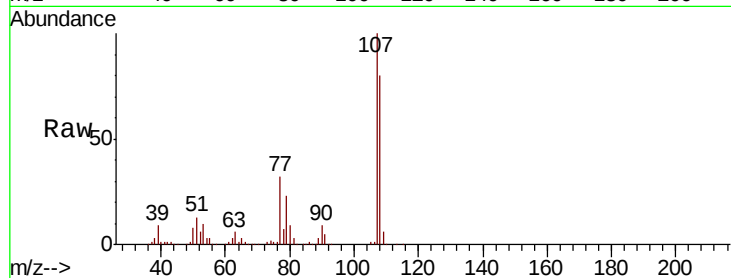
107 124.9 91.3 136.9

Manual Integrations

APPROVED

Sohil

12/11/2018 6:11:13 PM



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

500000

400000

300000

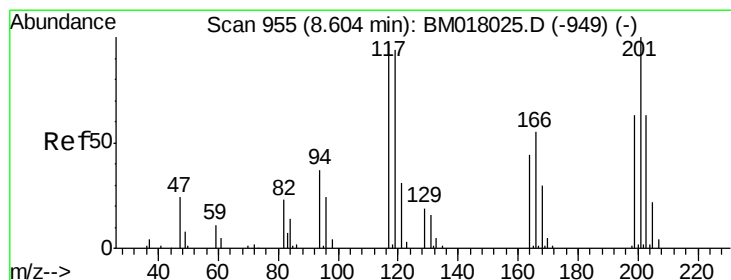
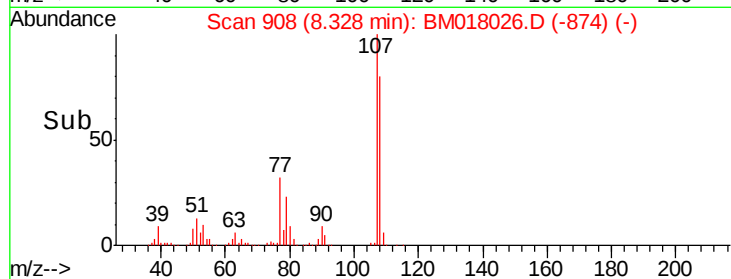
200000

100000

0

8.25 8.30 8.35 8.40 8.45

Time-->



#17

Hexachloroethane

Concen: 38.232 ng/ul

RT: 8.61 min Scan# 956

Delta R.T. 0.01 min

Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

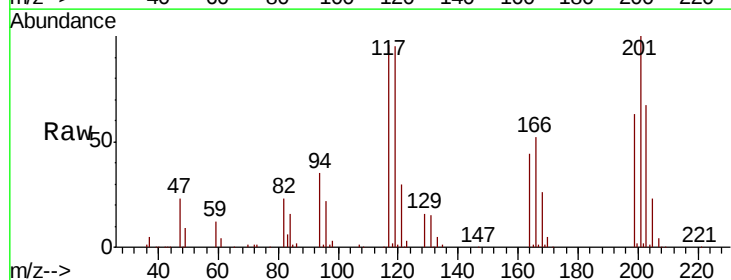
Tgt Ion:117 Resp: 165033

Ion Ratio Lower Upper

117 100

201 104.6 78.2 117.2

199 65.5 49.5 74.3



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

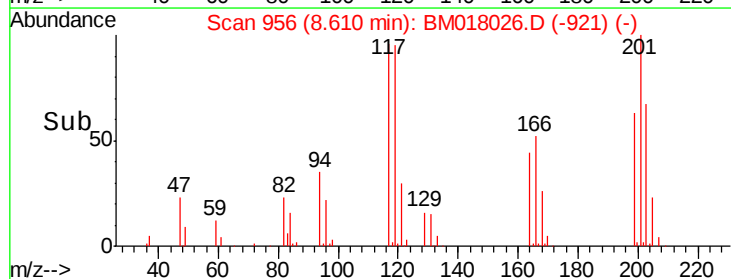
100000

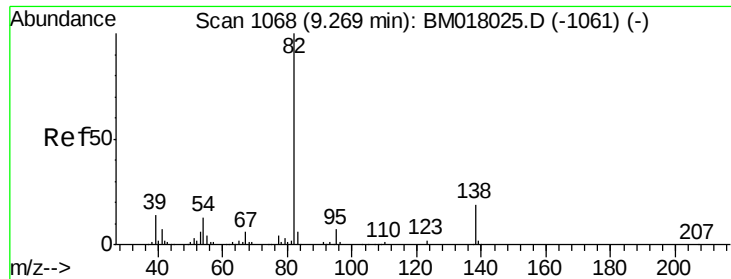
50000

0

8.55 8.60 8.65

Time-->





#21

Isophorone

Concen: 33.634 ng/ul

RT: 9.27 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

Instrument :

BNA_M

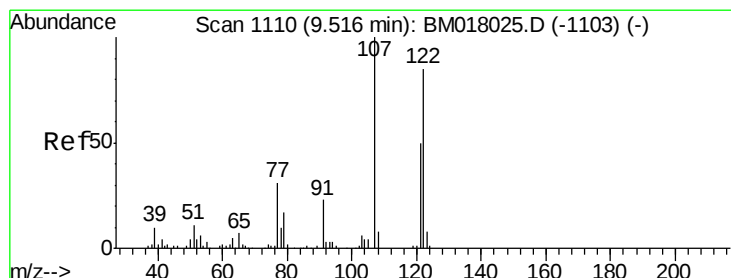
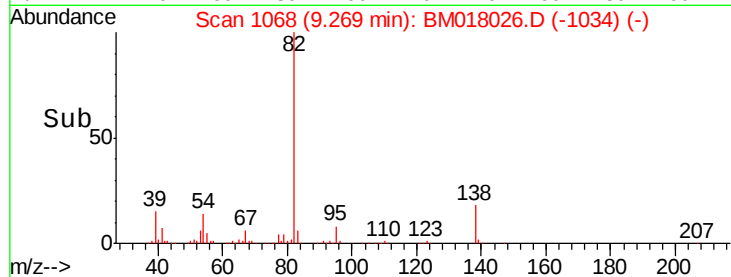
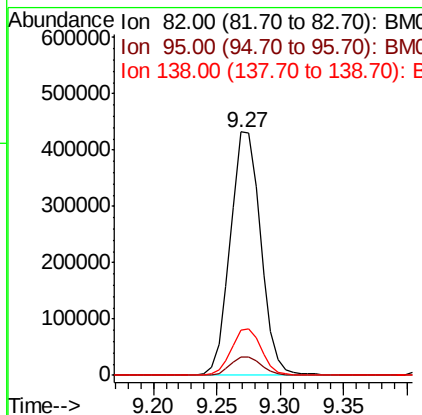
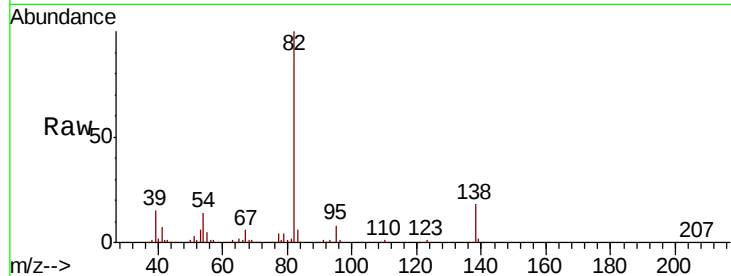
ClientSampled :

A4131

Tot Ion:	82	Resp:	720166
Ion Ratio	Lower	Upper	
82	100		
95	7.6	6.1	9.1
138	18.4	14.2	21.2

Manual Integrations
APPROVED

Sohil
12/11/2018 6:11:13 PM



#24

2,4-Dimethylphenol

Concen: 40.779 ng/ul

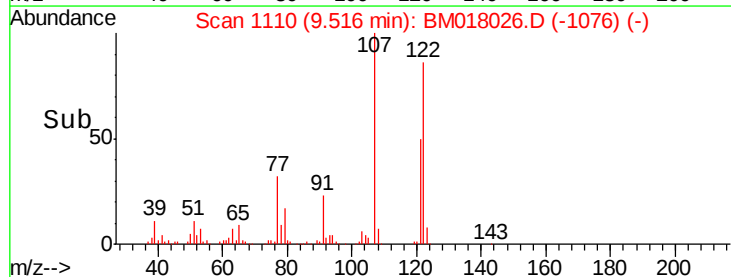
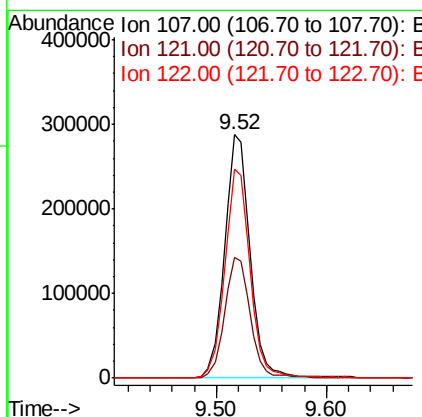
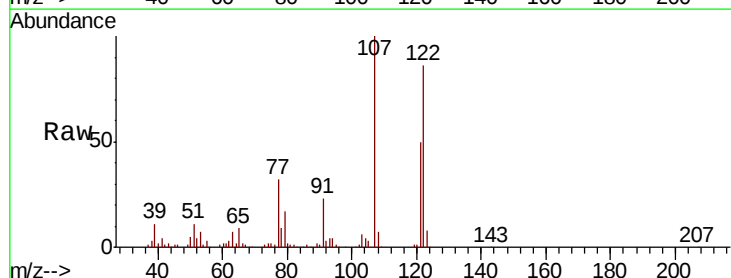
RT: 9.52 min Scan# 1110

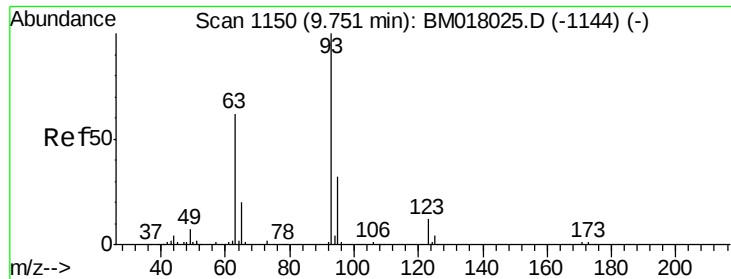
Delta R.T. 0.00 min

Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

Tgt Ion:	107	Resp:	465817
Ion Ratio	Lower	Upper	
107	100		
121	49.8	39.6	59.4
122	85.8	68.1	102.1





#25

Bis(2-Chloroethoxy)methane

Concen: 43.297 ng/ul

RT: 9.75 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

Instrument :

BNA_M

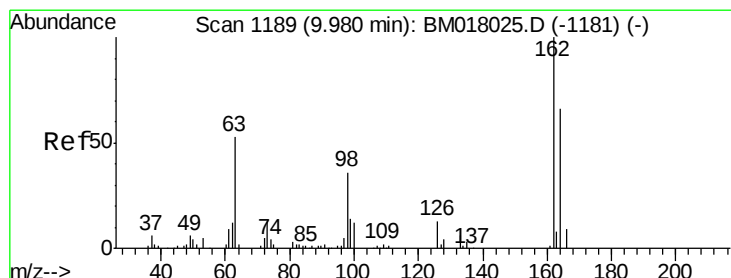
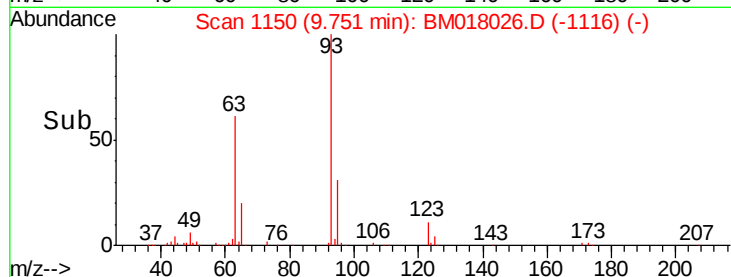
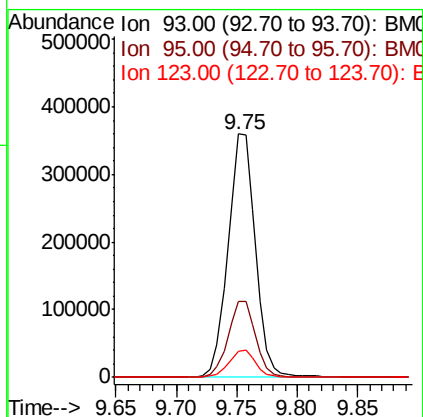
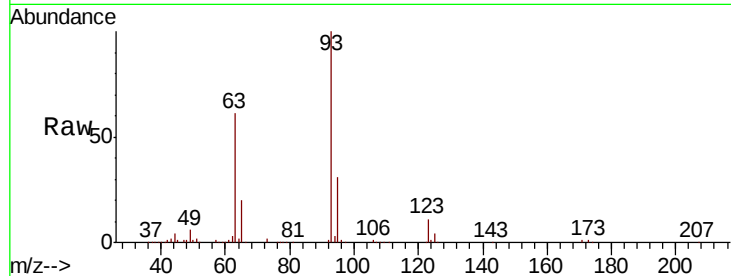
ClientSampled :

A4131

Tot Ion:	93	Resp:	567317
Ion Ratio	Lower	Upper	
93	100		
95	31.5	26.0	39.0
123	10.7	9.0	13.4

Manual Integrations
APPROVED

Sohil
12/11/2018 6:11:13 PM



#27

2,4-Dichlorophenol

Concen: 14.499 ng/ul

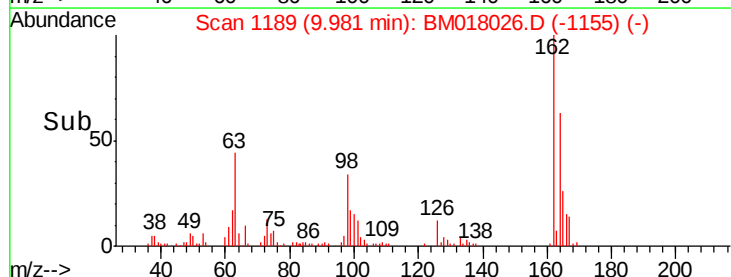
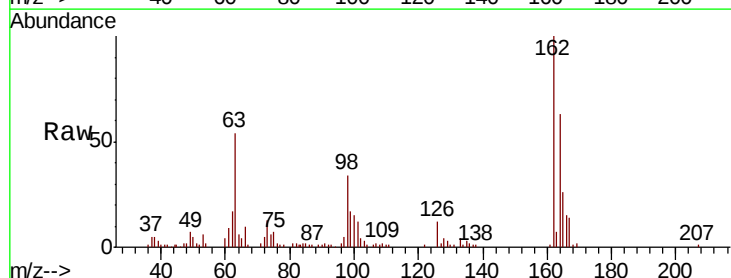
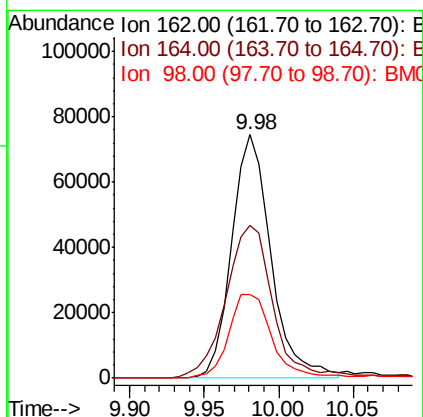
RT: 9.98 min Scan# 1189

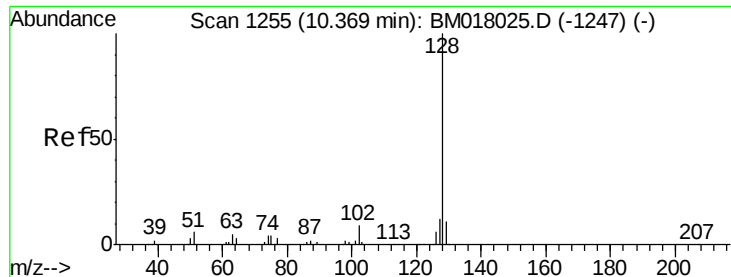
Delta R.T. 0.00 min

Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

Tgt Ion:	162	Resp:	136935
Ion Ratio	Lower	Upper	
162	100		
164	63.0	51.8	77.8
98	34.5	29.0	43.6





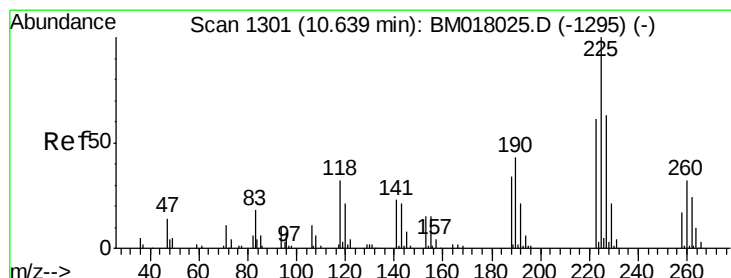
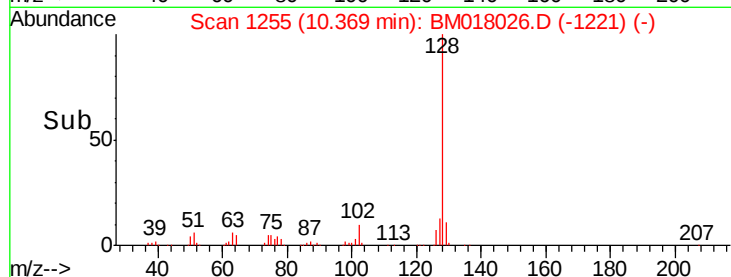
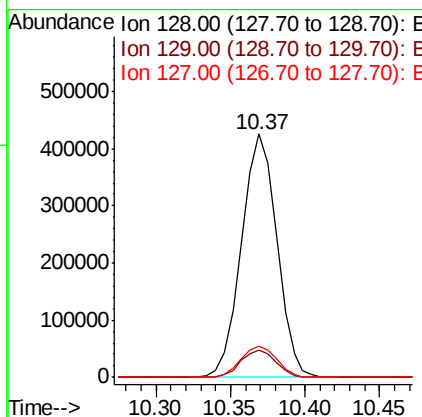
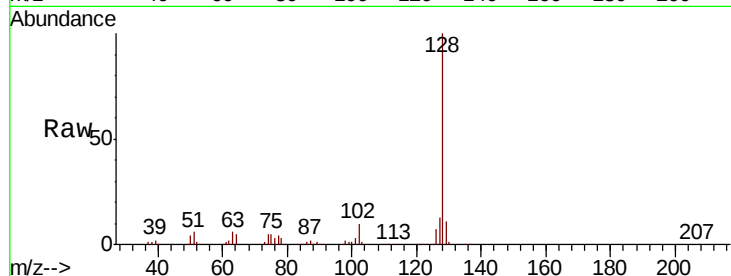
#28
Naphthalene
Concen: 22.506 ng/ul
RT: 10.37 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BM018026.D
Acq: 10 Dec 2018 15:39

Instrument :
BNA_M
ClientSampled :
A4131

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	12.8	10.8	16.2

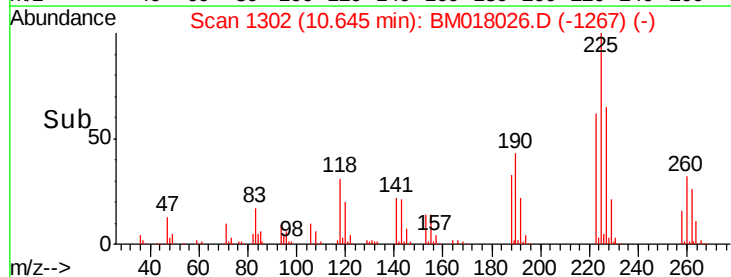
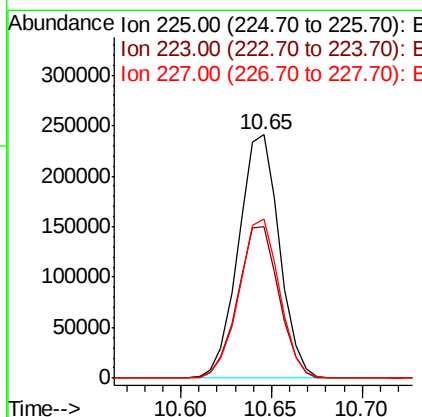
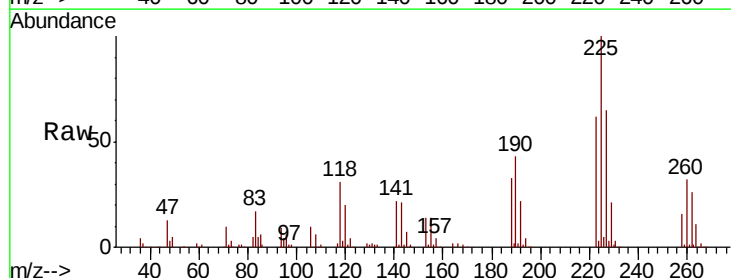
Manual Integrations
APPROVED

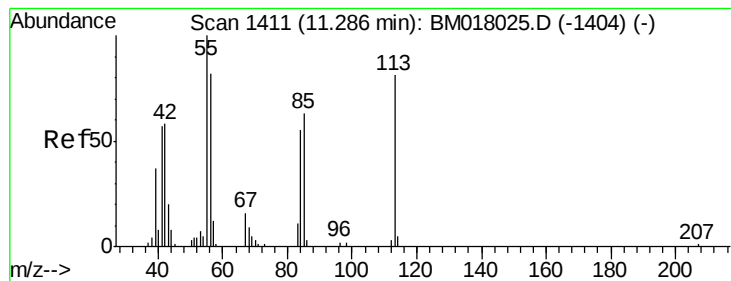
Sohil
12/11/2018 6:11:13 PM



#31
Hexachlorobutadiene
Concen: 60.202 ng/ul
RT: 10.65 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BM018026.D
Acq: 10 Dec 2018 15:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	48.8	73.2
227	65.4	50.3	75.5





#32

Caprolactam

Concen: 29.838 ng/ul m

RT: 11.29 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

Instrument :

BNA_M

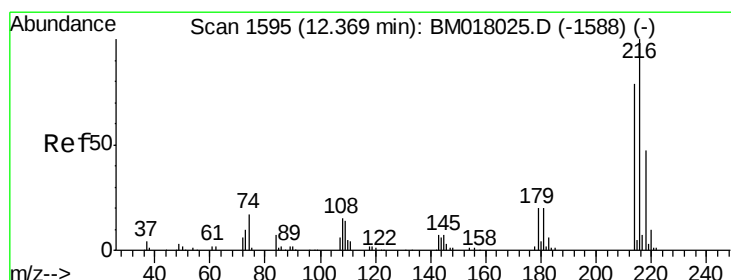
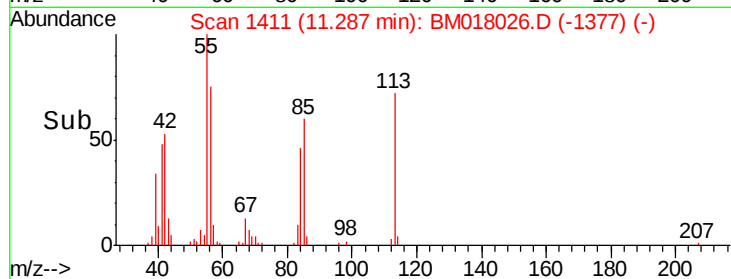
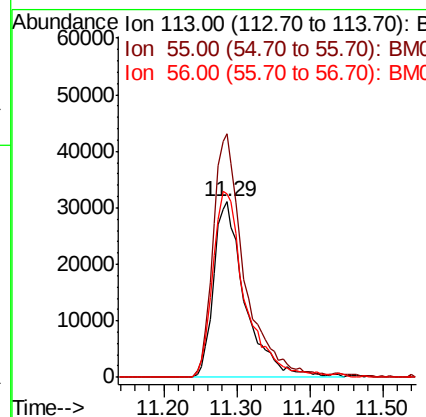
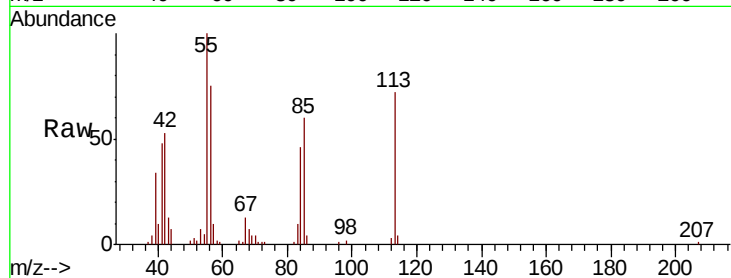
ClientSampled :

A4131

Tot Ion:	113	Resp:	93236
Ion Ratio	Lower	Upper	
113	100		
55	138.7	110.6	166.0
56	104.6	88.2	132.4

Manual Integrations
APPROVED

Sohil
12/11/2018 6:11:13 PM



#36

1,2,4,5-Tetrachlorobenzene

Concen: 40.000 ng/ul

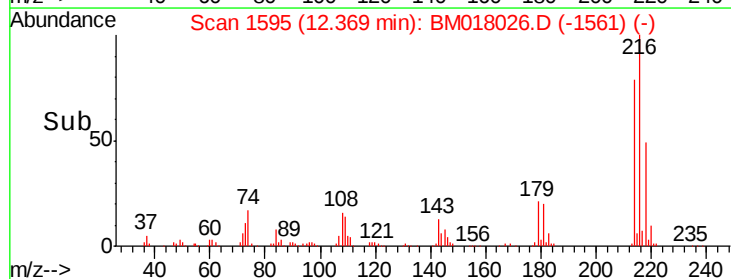
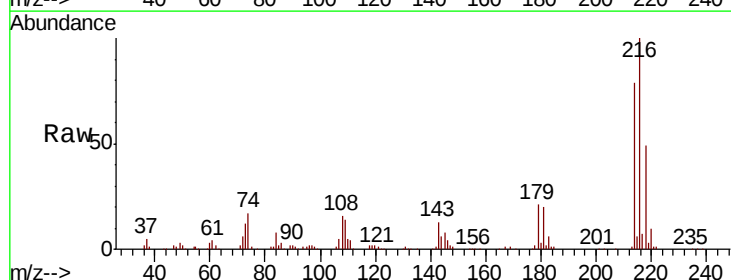
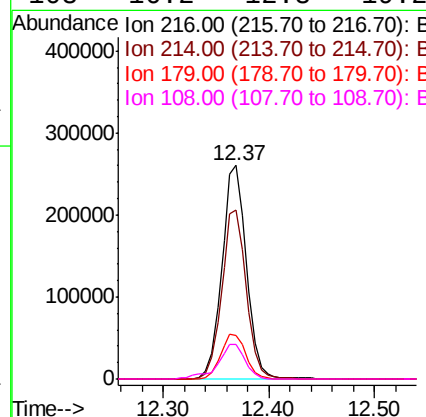
RT: 12.37 min Scan# 1595

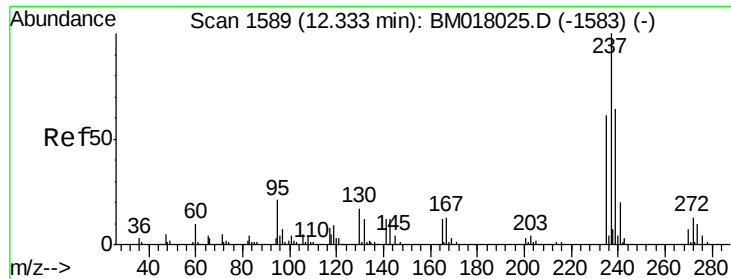
Delta R.T. 0.00 min

Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

Tgt Ion:	216	Resp:	419991
Ion Ratio	Lower	Upper	
216	100		
214	79.3	61.3	91.9
179	20.6	17.0	25.4
108	16.2	12.8	19.2





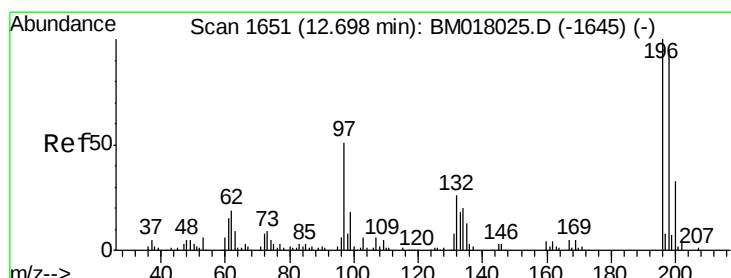
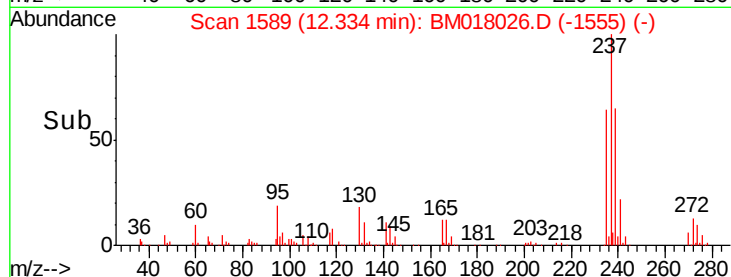
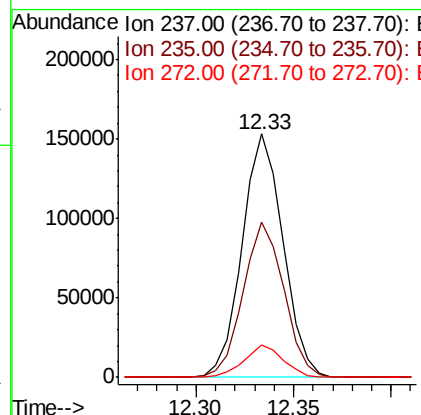
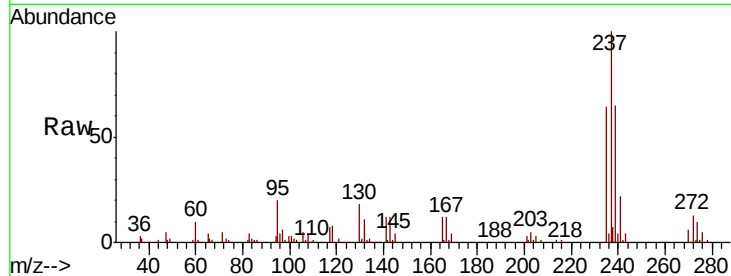
#37
 Hexachlorocyclopentadiene
 Concen: 32.833 ng/ul
 RT: 12.33 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BM018026.D
 Acq: 10 Dec 2018 15:39

Instrument :
 BNA_M
 ClientSampled :
 A4131

Tot Ion:	237	Resp:	222318
Ion Ratio	Lower	Upper	
237	100		
235	63.9	48.6	73.0
272	13.5	9.4	14.0

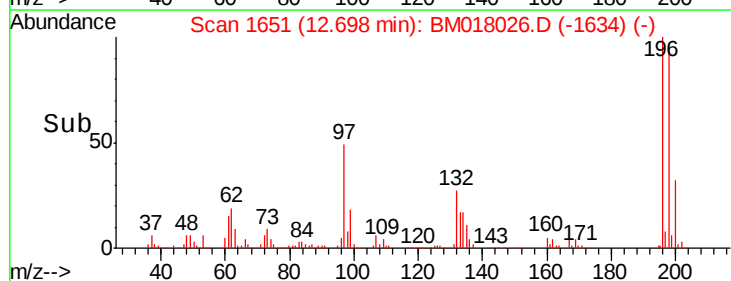
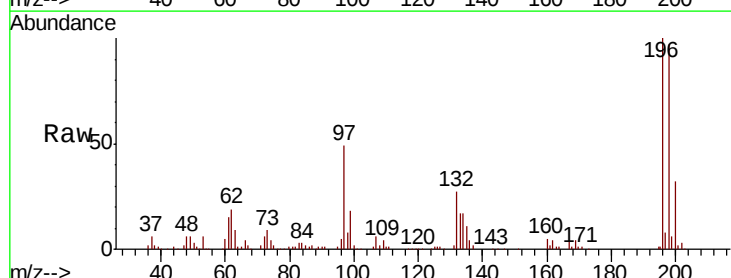
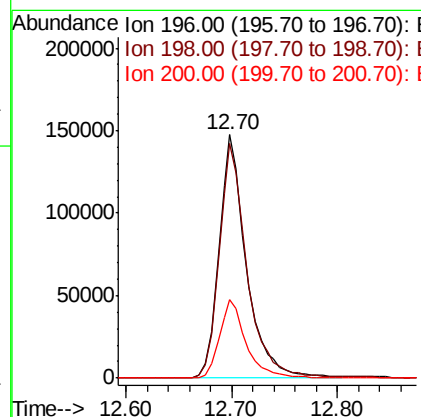
Manual Integrations
 APPROVED

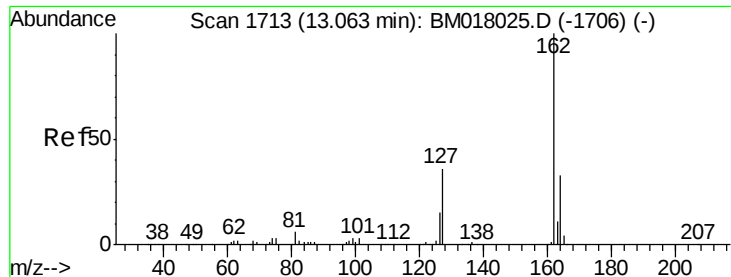
Sohil
 12/11/2018 6:11:13 PM



#39
 2,4,5-Trichlorophenol
 Concen: 36.481 ng/ul
 RT: 12.70 min Scan# 1651
 Delta R.T. 0.00 min
 Lab File: BM018026.D
 Acq: 10 Dec 2018 15:39

Tgt Ion:	196	Resp:	266243
Ion Ratio	Lower	Upper	
196	100		
198	96.5	77.2	115.8
200	32.1	25.8	38.8





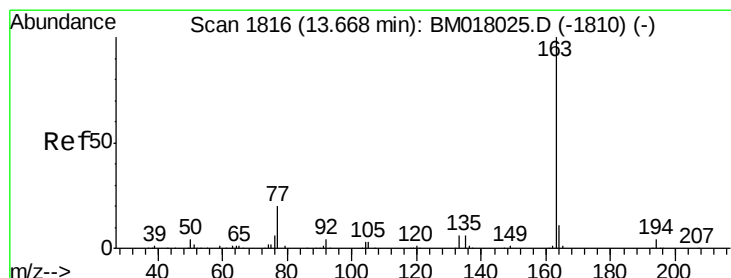
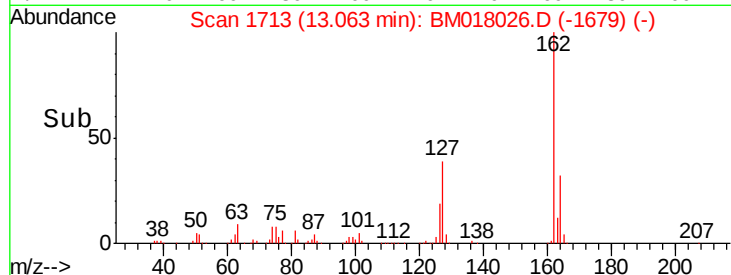
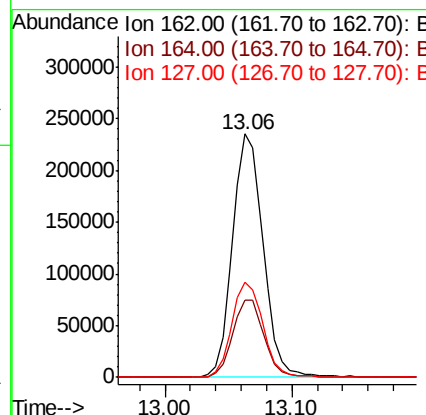
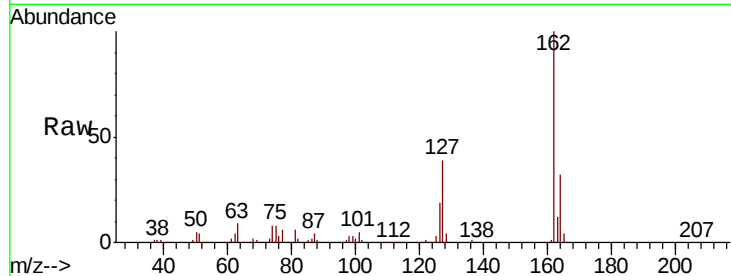
#41
2-Chloronaphthalene
Concen: 19.435 ng/ul
RT: 13.06 min Scan# 1713
Delta R.T. 0.00 min
Lab File: BM018026.D
Acq: 10 Dec 2018 15:39

Instrument :
BNA_M
ClientSampleId :
A4131

Tot Ion	Ratio	Resp	Lower	Upper
162	100	393815		
164	31.9	26.1	39.1	
127	38.9	31.8	47.8	

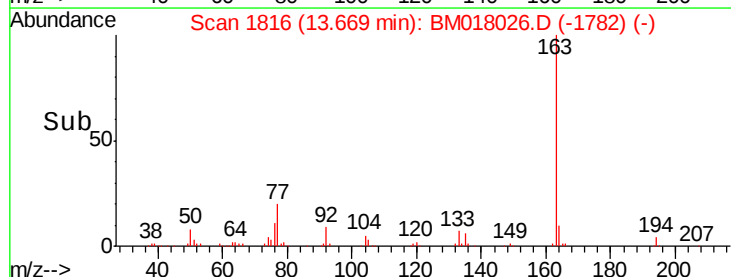
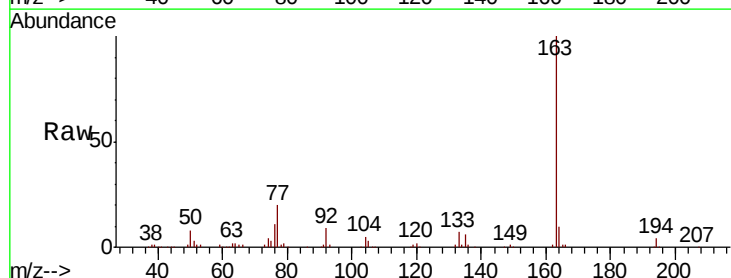
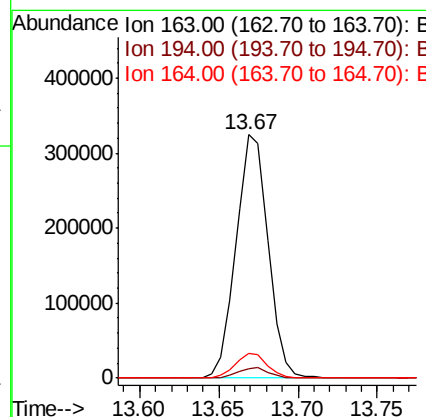
Manual Integrations
APPROVED

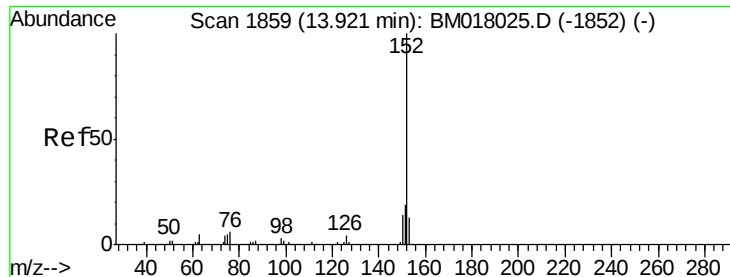
Sohil
12/11/2018 6:11:13 PM



#44
Dimethylphthalate
Concen: 17.176 ng/ul
RT: 13.67 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BM018026.D
Acq: 10 Dec 2018 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	454331		
194	3.9	3.4	5.0	
164	10.4	8.1	12.1	





#47

Acenaphthylene

Concen: 22.646 ng/ul

RT: 13.92 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

Instrument :

BNA_M

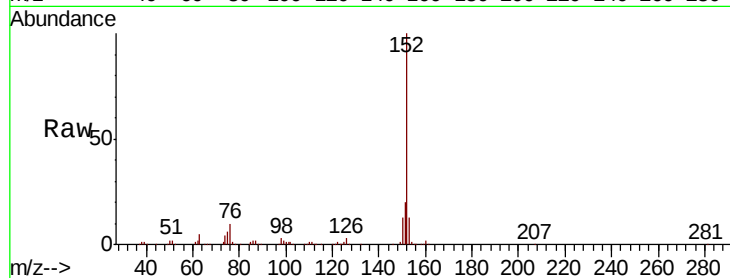
ClientSampleId :

A4131

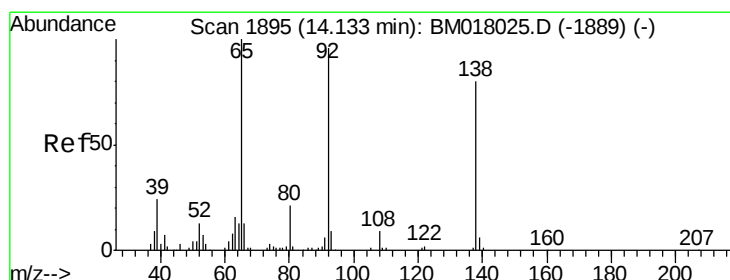
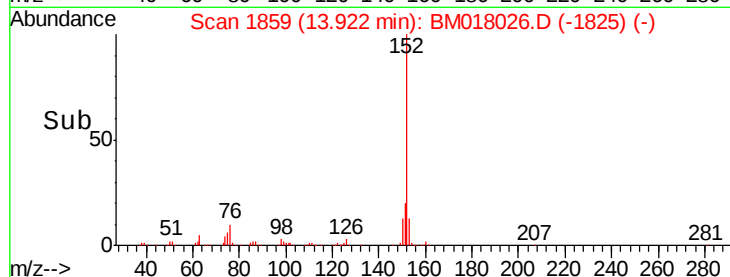
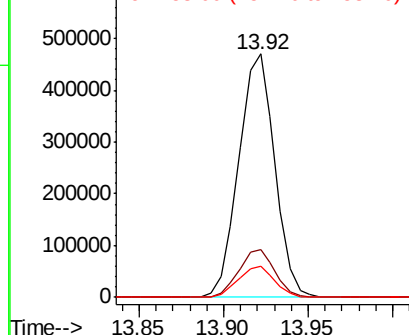
Tot Ion:	152	Resp:	698850
Ion Ratio	Lower	Upper	
152	100		
151	19.5	16.0	24.0
153	12.7	10.4	15.6

Manual Integrations
APPROVED

Sohil
12/11/2018 6:11:13 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



#48

3-Nitroaniline

Concen: 53.943 ng/ul

RT: 14.13 min Scan# 1895

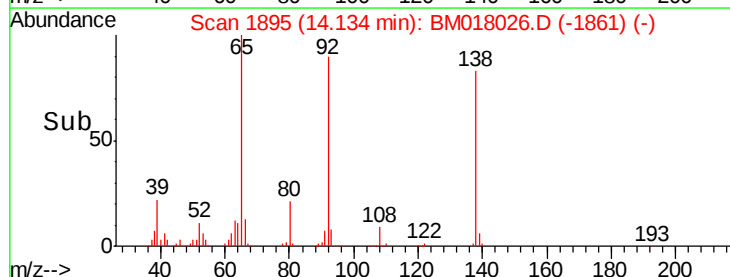
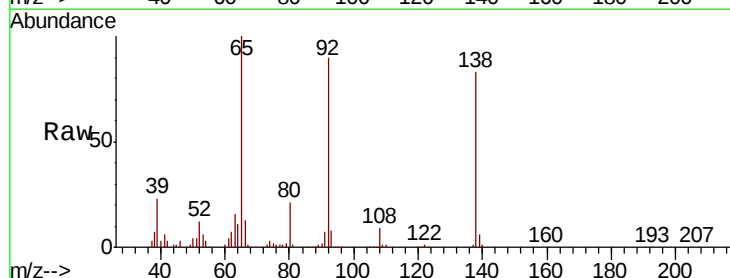
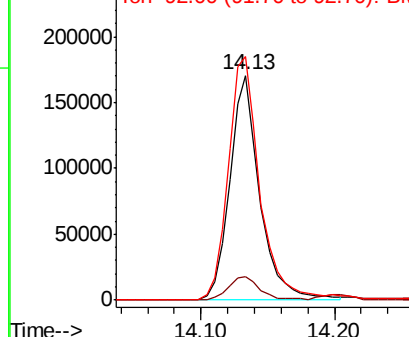
Delta R.T. 0.00 min

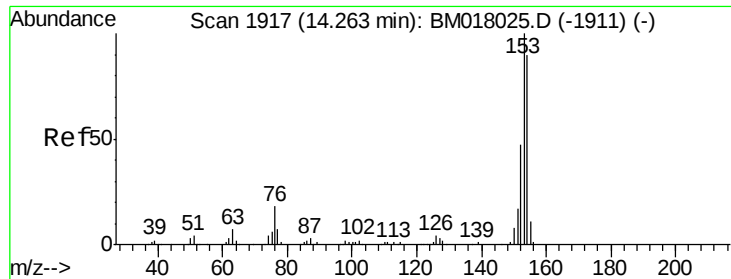
Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

Tgt Ion:	138	Resp:	267484
Ion Ratio	Lower	Upper	
138	100		
108	10.6	9.0	13.4
92	108.3	98.8	148.2

Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): E





#49

Acenaphthene

Concen: 31.843 ng/ul

RT: 14.27 min Scan# 1918

Delta R.T. 0.01 min

Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

Instrument :

BNA_M

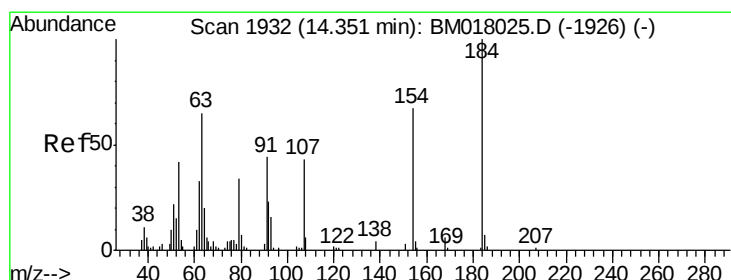
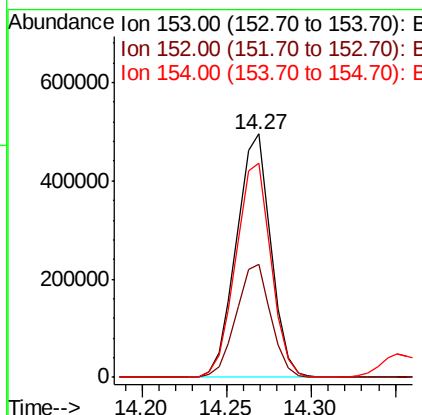
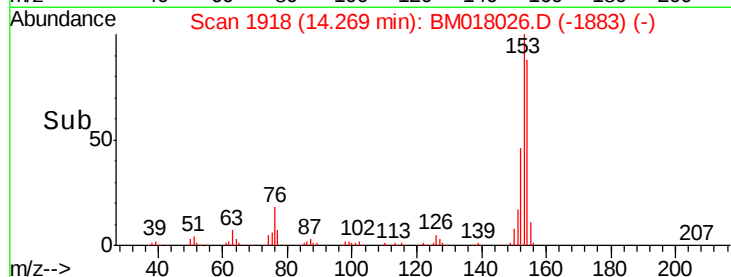
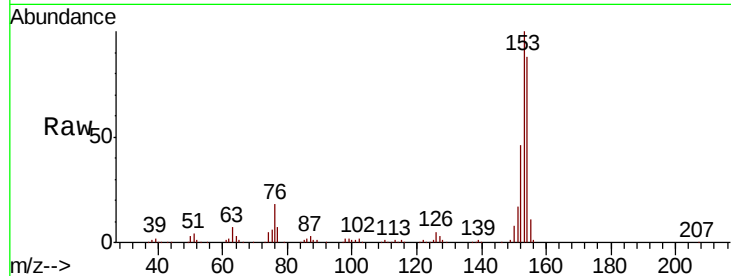
ClientSampled :

A4131

Tot Ion:	153	Resp:	708209
Ion Ratio	Lower	Upper	
153	100		
152	46.2	37.0	55.6
154	88.2	70.6	106.0

Manual Integrations
APPROVED

Sohil
12/11/2018 6:11:13 PM



#50

2,4-Dinitrophenol

Concen: 37.976 ng/ul

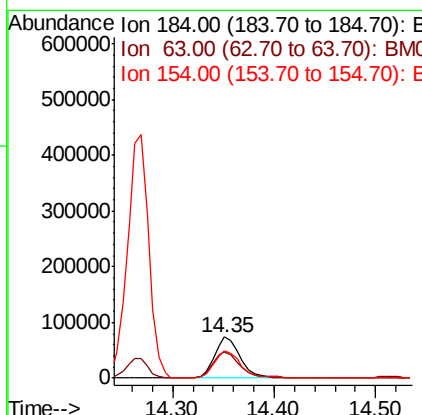
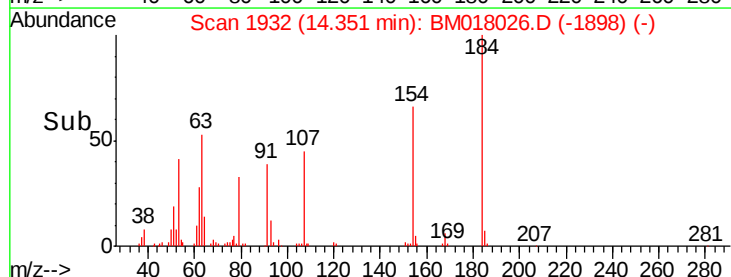
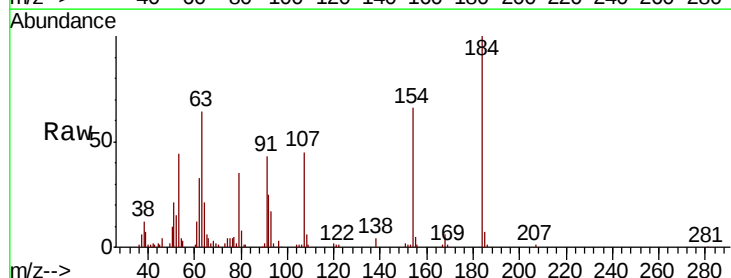
RT: 14.35 min Scan# 1932

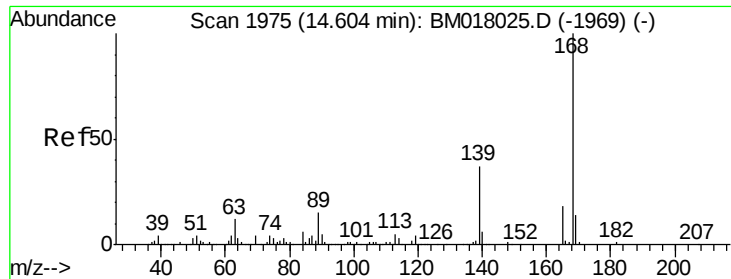
Delta R.T. 0.00 min

Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

Tgt Ion:	184	Resp:	133833
Ion Ratio	Lower	Upper	
184	100		
63	63.8	54.4	81.6
154	65.9	51.1	76.7





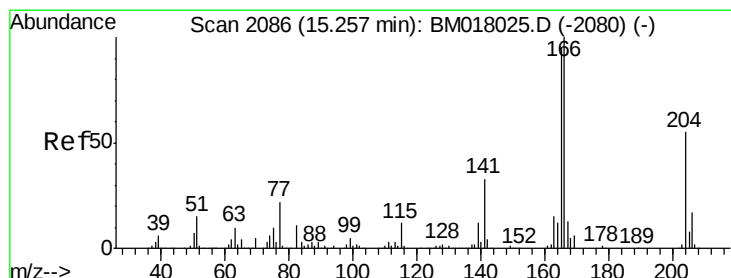
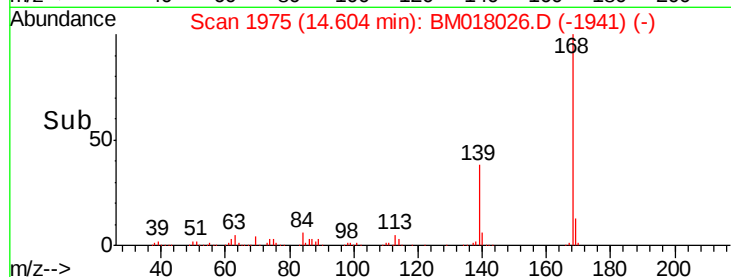
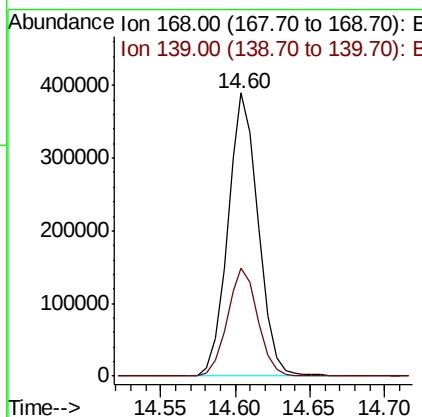
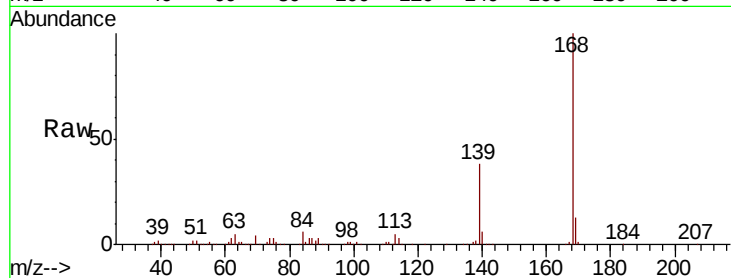
#53
Dibenzo(f,h)quinoxaline
Concen: 17.547 ng/ul
RT: 14.60 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BM018026.D
Acq: 10 Dec 2018 15:39

Instrument :
BNA_M
ClientSampled :
A4131

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.6	46.0

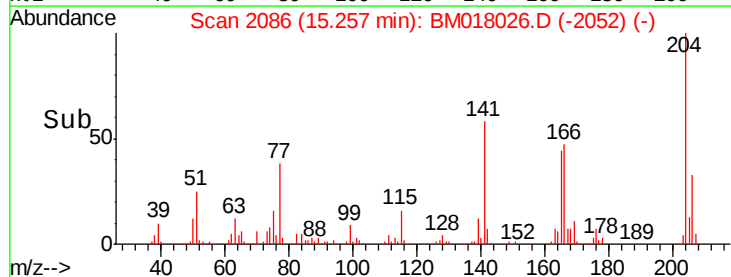
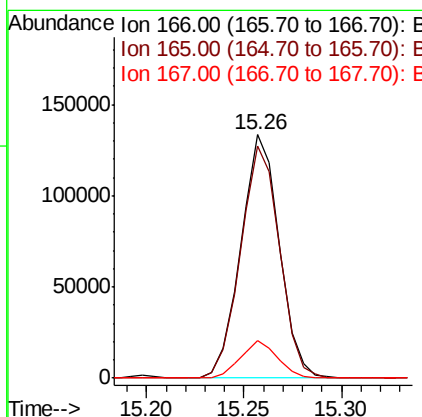
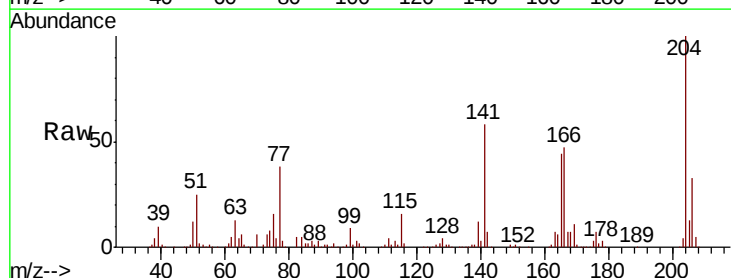
Manual Integrations
APPROVED

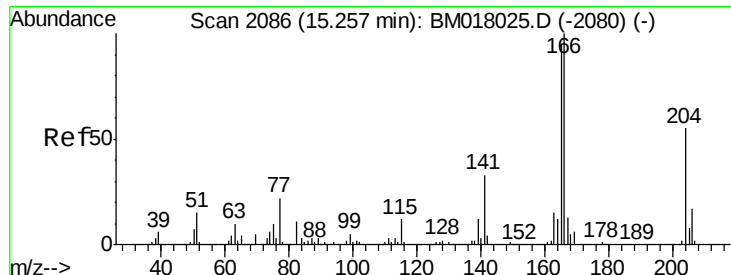
Sohil
12/11/2018 6:11:13 PM



#58
Fluorene
Concen: 6.946 ng/ul
RT: 15.26 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BM018026.D
Acq: 10 Dec 2018 15:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.4	78.0	117.0
167	15.3	10.8	16.2





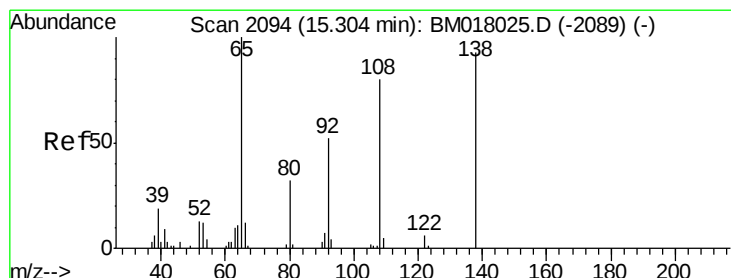
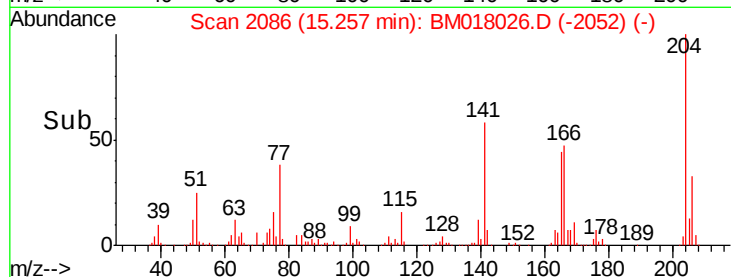
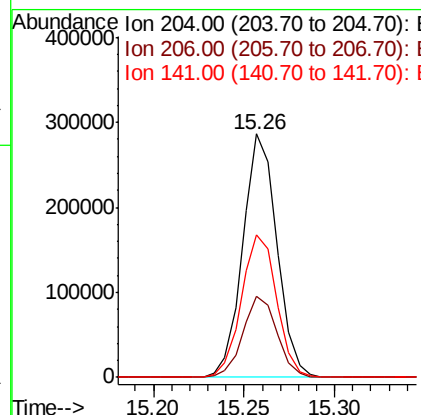
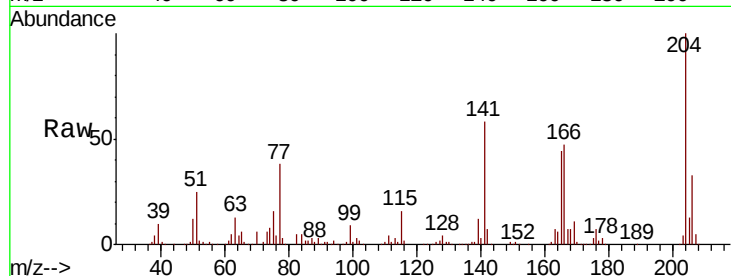
#59
4-Chlorophenyl-phenylether
Concen: 27.805 ng/ul
RT: 15.26 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BM018026.D
Acq: 10 Dec 2018 15:39

Instrument :
BNA_M
ClientSampled :
A4131

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.6	38.4
141	58.4	49.8	74.6

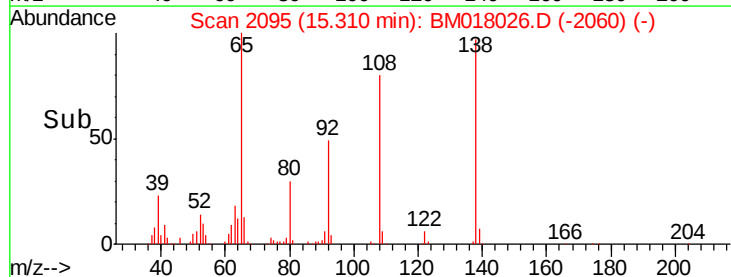
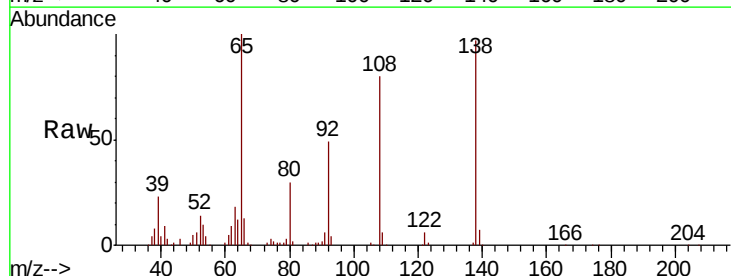
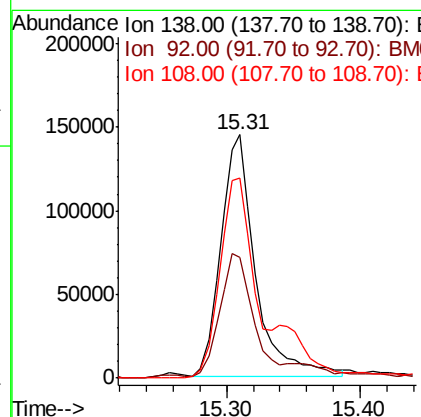
Manual Integrations
APPROVED

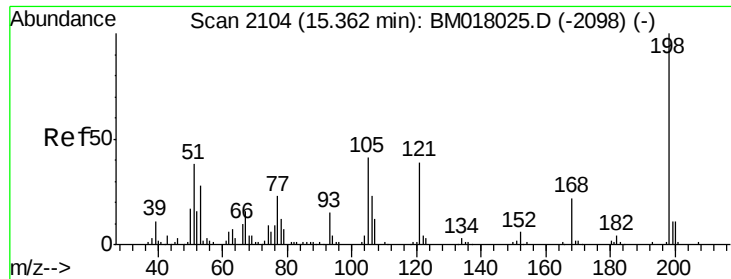
Sohil
12/11/2018 6:11:13 PM



#60
4-Nitroaniline
Concen: 47.685 ng/ul
RT: 15.31 min Scan# 2095
Delta R.T. 0.01 min
Lab File: BM018026.D
Acq: 10 Dec 2018 15:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.8	42.8	64.2
108	82.3	70.2	105.4





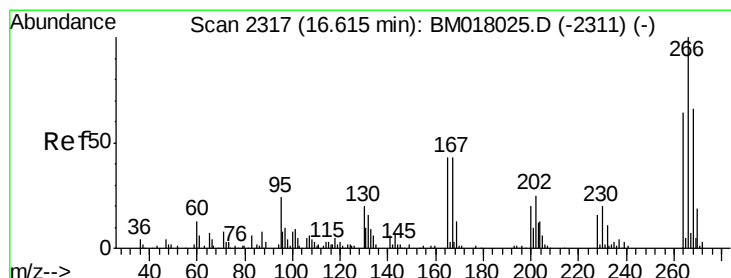
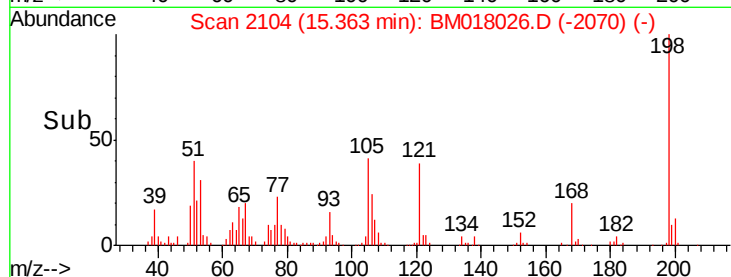
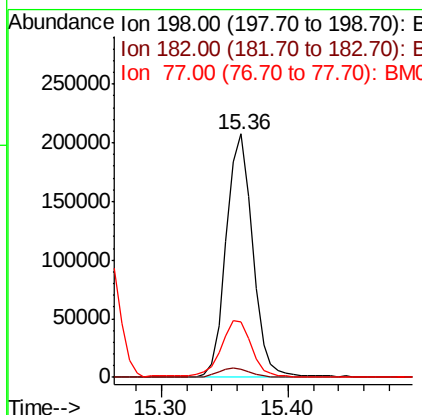
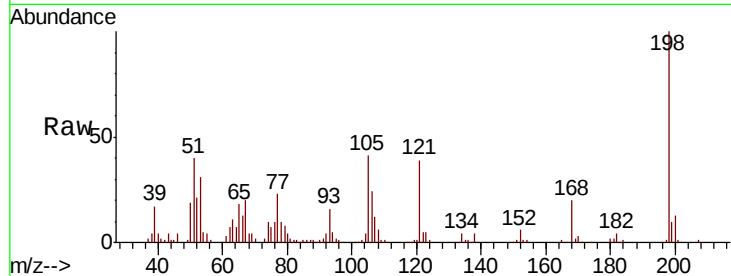
#63
 4,6-Dinitro-2-methylphenol
 Concen: 67.793 ng/ul
 RT: 15.36 min Scan# 2104
 Delta R.T. 0.00 min
 Lab File: BM018026.D
 Acq: 10 Dec 2018 15:39

Instrument :
 BNA_M
 ClientSampled :
 A4131

Tot Ion	Ratio	Resp	Lower	Upper
198	100	300743		
182	3.6		3.5	5.3
77	23.0		24.6	36.8#

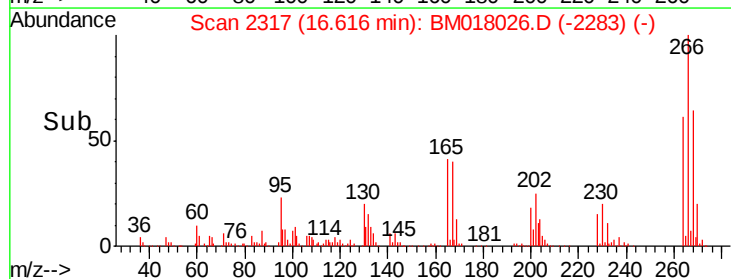
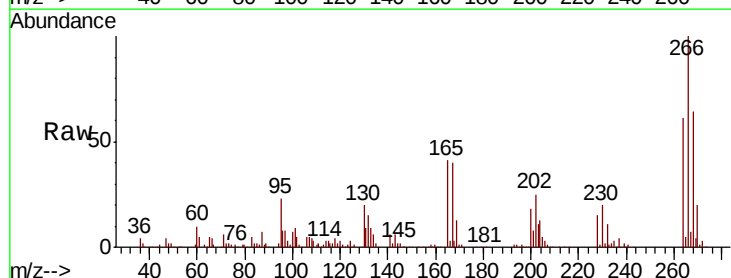
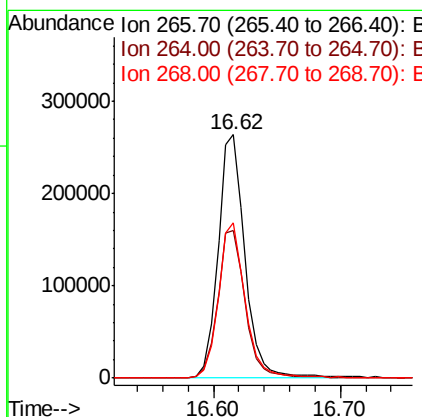
Manual Integrations
 APPROVED

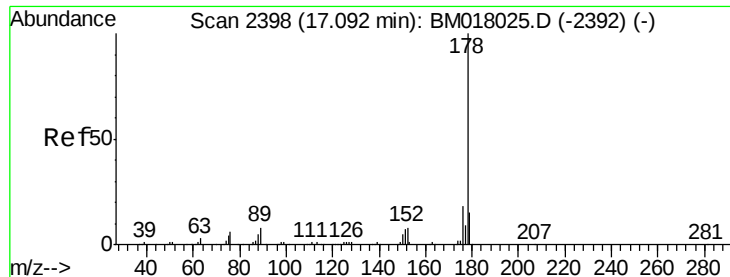
Sohil
 12/11/2018 6:11:13 PM



#68
 Pentachlorophenol
 Concen: 81.554 ng/ul
 RT: 16.62 min Scan# 2317
 Delta R.T. 0.00 min
 Lab File: BM018026.D
 Acq: 10 Dec 2018 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	388042		
264	60.8		50.2	75.2
268	63.8		49.8	74.8





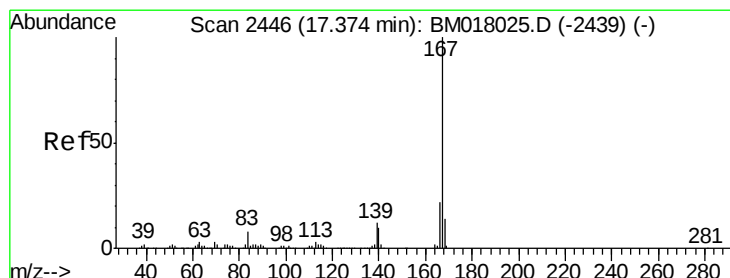
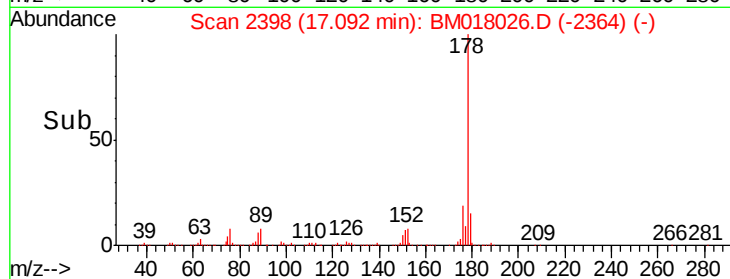
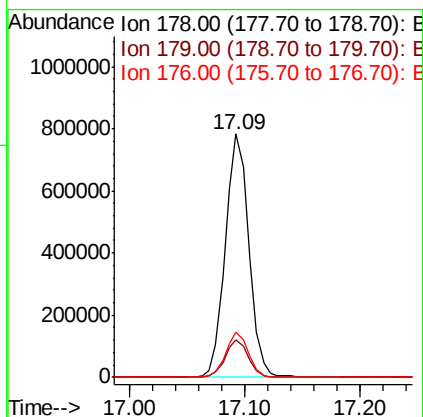
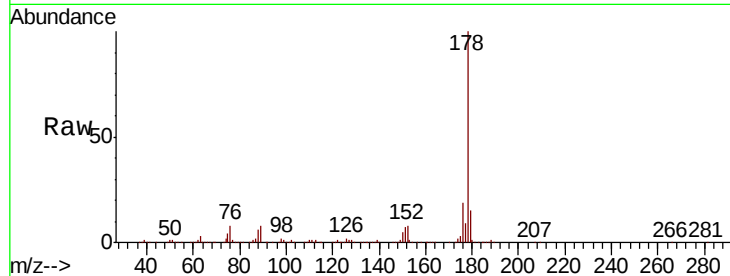
#71
 Anthracene
 Concen: 31.395 ng/ul
 RT: 17.09 min Scan# 2398
 Delta R.T. 0.00 min
 Lab File: BM018026.D
 Acq: 10 Dec 2018 15:39

Instrument :
 BNA_M
 ClientSampled :
 A4131

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.4	18.6
176	18.5	14.8	22.2

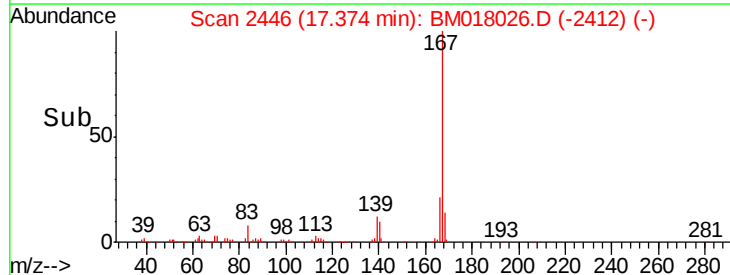
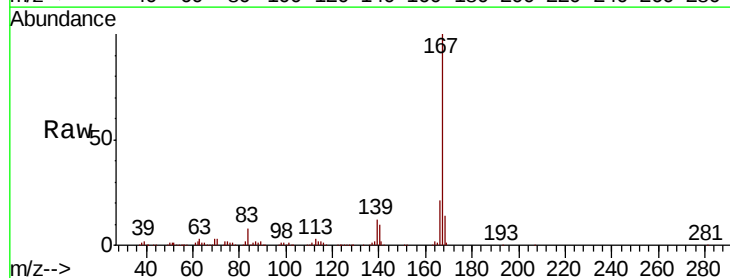
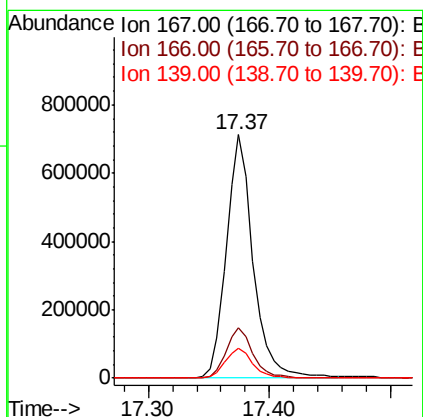
Manual Integrations
 APPROVED

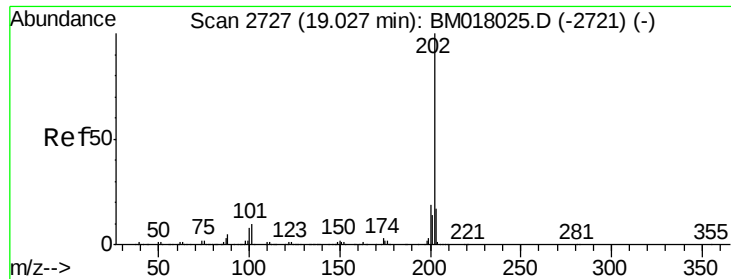
Sohil
 12/11/2018 6:11:13 PM



#74
 Carbazole
 Concen: 35.345 ng/ul
 RT: 17.37 min Scan# 2446
 Delta R.T. 0.00 min
 Lab File: BM018026.D
 Acq: 10 Dec 2018 15:39

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.0	25.4
139	12.3	10.5	15.7





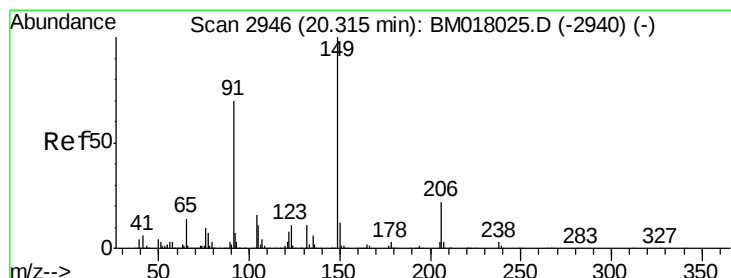
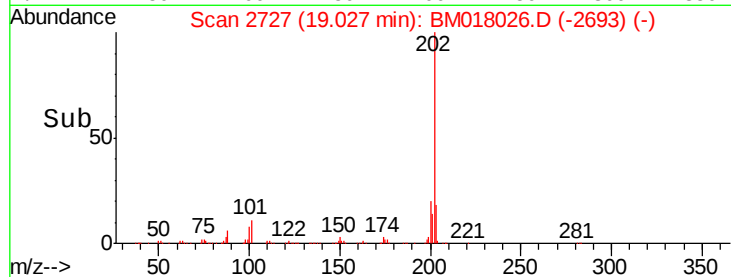
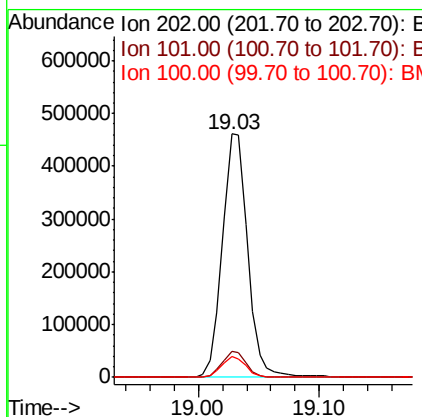
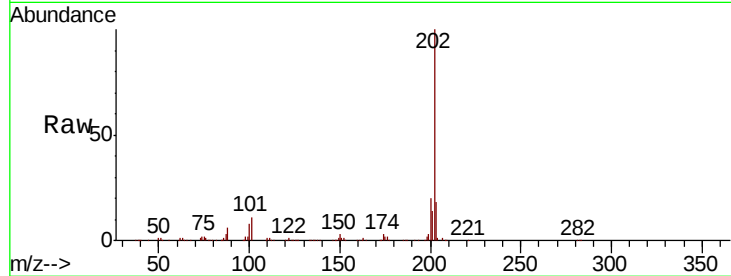
#76
 Fluoranthene
 Concen: 16.561 ng/ul
 RT: 19.03 min Scan# 2727
 Delta R.T. 0.00 min
 Lab File: BM018026.D
 Acq: 10 Dec 2018 15:39

Instrument :
 BNA_M
 ClientSampleId :
 A4131

Tot Ion:	202	Resp:	670748
Ion Ratio	Lower	Upper	
202	100		
101	10.9	8.4	12.6
100	8.4	6.6	9.8

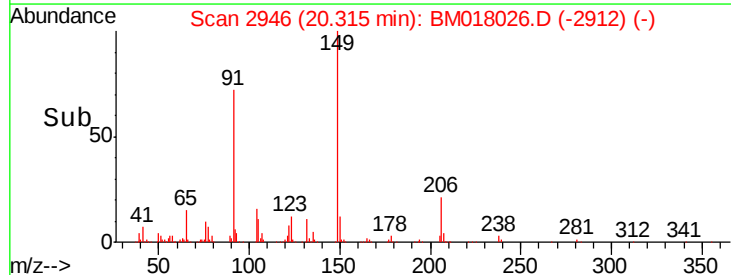
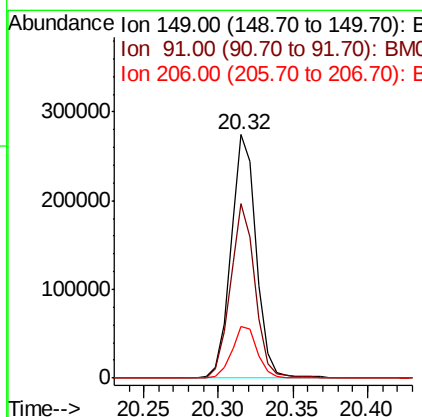
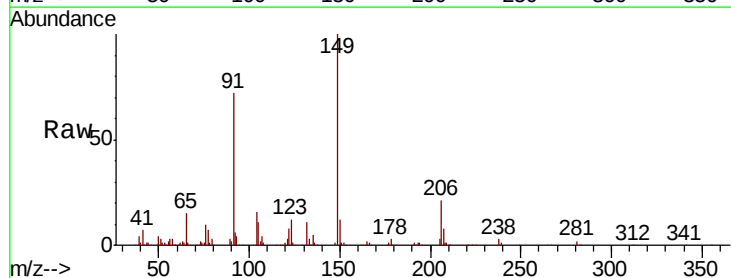
Manual Integrations
 APPROVED

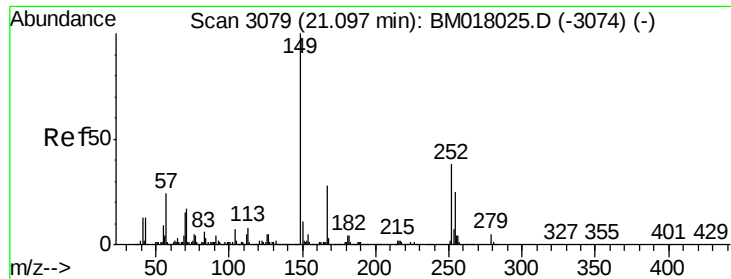
Sohil
 12/11/2018 6:11:13 PM



#80
 Butylbenzylphthalate
 Concen: 22.885 ng/ul
 RT: 20.32 min Scan# 2946
 Delta R.T. 0.00 min
 Lab File: BM018026.D
 Acq: 10 Dec 2018 15:39

Tgt Ion:	149	Resp:	326405
Ion Ratio	Lower	Upper	
149	100		
91	71.6	58.0	87.0
206	21.5	16.6	24.8





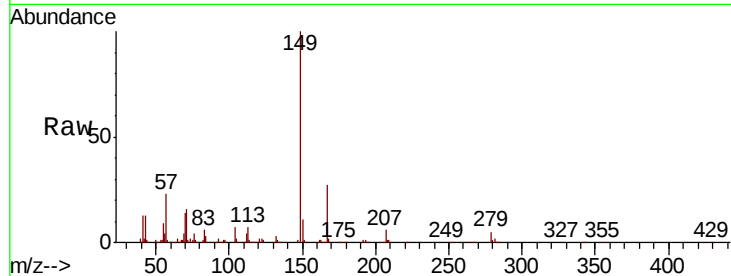
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 22.423 ng/ul
 RT: 21.10 min Scan# 3079
 Delta R.T. 0.00 min
 Lab File: BM018026.D
 Acq: 10 Dec 2018 15:39

Instrument :
 BNA_M
 ClientSampleId :
 A4131

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.9	32.9
279	4.7	3.6	5.4

Manual Integrations
 APPROVED

Sohil
 12/11/2018 6:11:13 PM

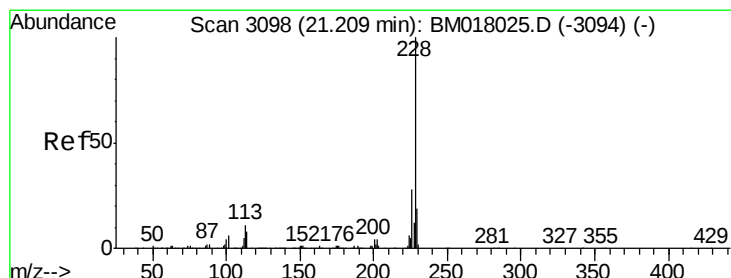
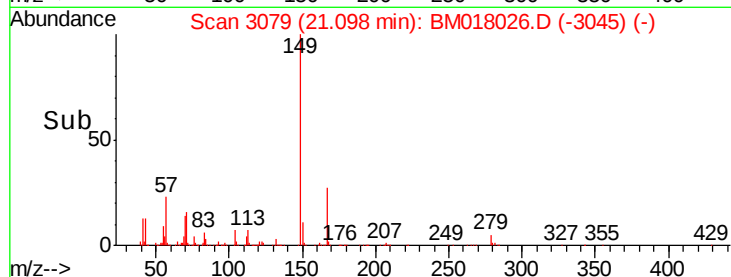
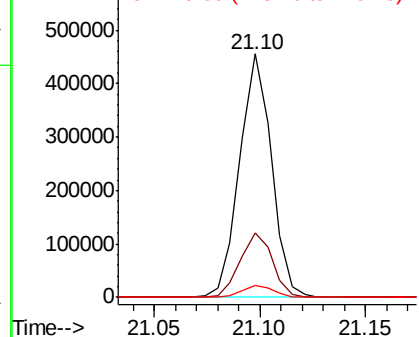


Abundance

Ion 149.00 (148.70 to 149.70): E

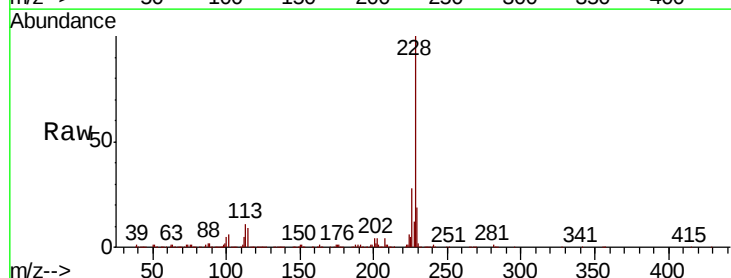
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Chrysene
 Concen: 32.050 ng/ul
 RT: 21.21 min Scan# 3098
 Delta R.T. 0.00 min
 Lab File: BM018026.D
 Acq: 10 Dec 2018 15:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.7	35.5
229	19.0	15.8	23.8

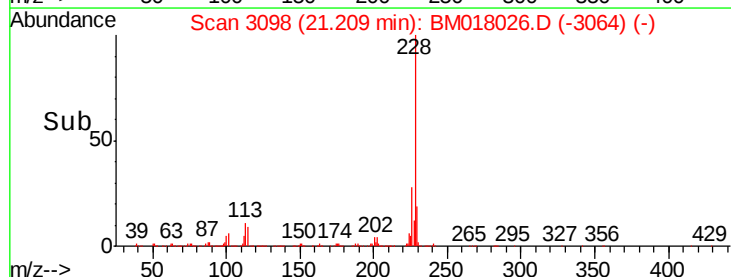
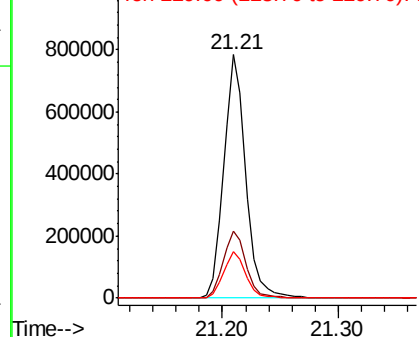


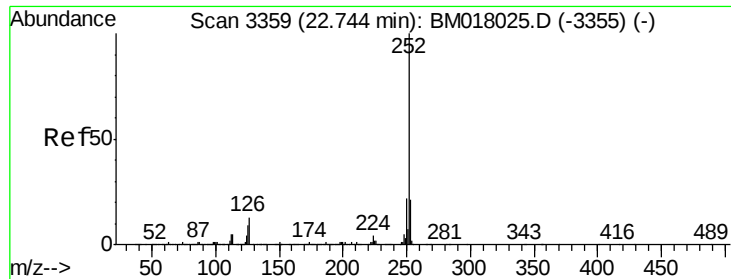
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(k)fluoranthene

Concen: 38.218 ng/ul

RT: 22.74 min Scan# 3359

Delta R.T. 0.00 min

Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

Instrument :

BNA_M

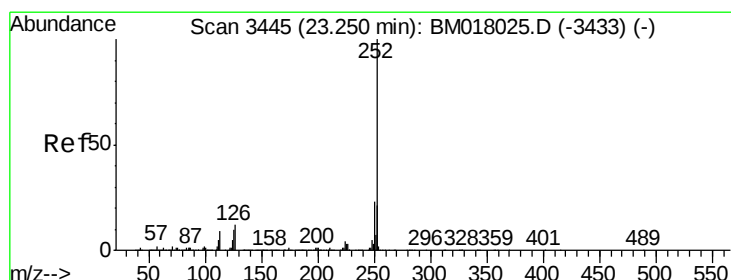
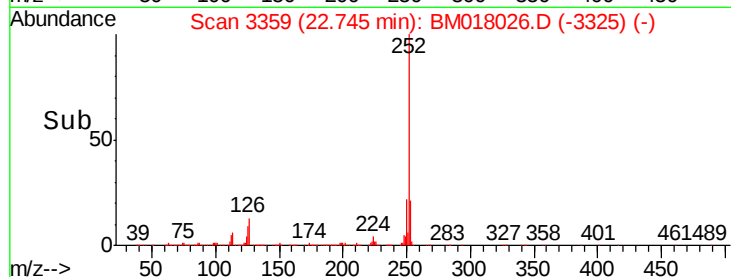
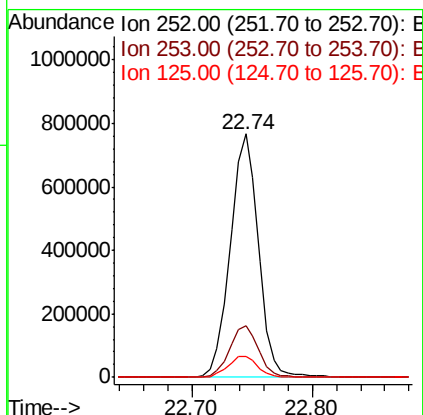
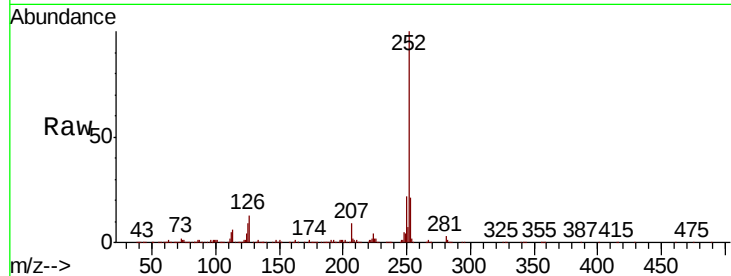
ClientSampled :

A4131

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.0
125	8.8	7.1	10.7

Manual Integrations
APPROVED

Sohil
12/11/2018 6:11:13 PM



#90

Benzo(a)pyrene

Concen: 37.171 ng/ul

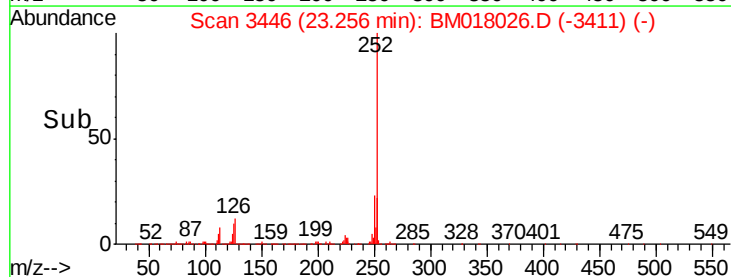
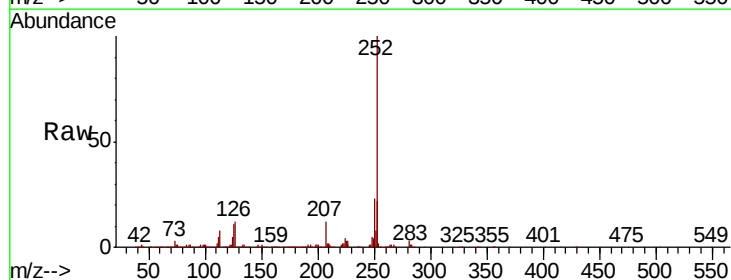
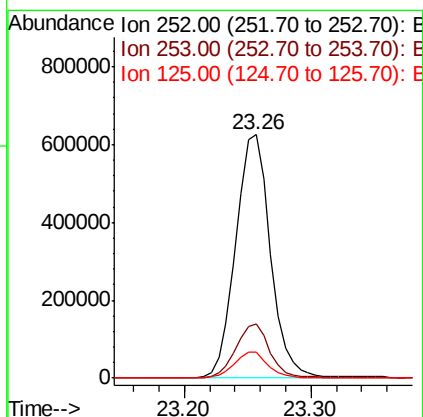
RT: 23.26 min Scan# 3446

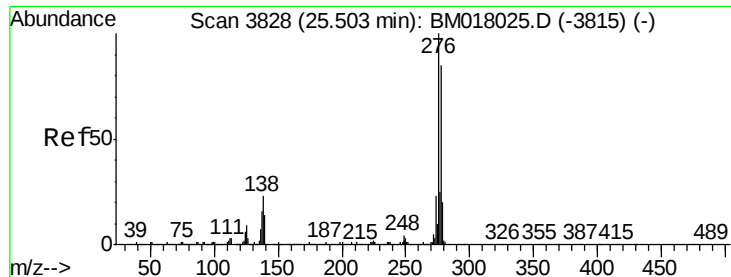
Delta R.T. 0.01 min

Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	10.5	7.9	11.9





#91

Indeno(1,2,3-cd)pyrene

Concen: 15.031 ng/ul

RT: 25.51 min Scan# 3829

Delta R.T. 0.01 min

Lab File: BM018026.D

Acq: 10 Dec 2018 15:39

Instrument :
BNA_M

ClientSampleId :
A4131

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.2	18.2	27.2#
277	22.7	20.2	30.4

Manual Integrations
APPROVED

Sohil
12/11/2018 6:11:13 PM

