

Data File : BM012312.D
Acq On : 19 Oct 2017 11:01
Operator : SJ/JU
Sample : I5747-05 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-4(0-1)-100617

Manual Integrations
APPROVED

Sohil
10/23/2017 3:50:34 PM

Quant Time: Jun 23 03:56:37 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 15:00:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	292338	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	1135603	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	587338	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1149020	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1257268	20.00	ng/ul	0.01
83) Perylene-d12	23.67	264	1458796	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	8104	1.32	ng/uL	0.00
5) Phenol-d5	6.97	99	109933	4.63	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.12	67	75406	5.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	105651	5.25	ng/ul	0.01
13) 4-Methylphenol-d8	8.52	113	84569	4.14	ng/ul	0.02
19) Nitrobenzene-d5	8.96	128	46457	5.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	49167	4.86	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.24	165	82937	4.29	ng/ul	0.02
29) 4-Chloroaniline-d4	10.75	131	58330	3.22	ng/ul	0.02
43) Dimethylphthalate-d6	13.85	166	300614	5.79	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	351954	5.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.73	143	19062m	2.44	ng/ul	0.06
57) Fluorene-d10	15.43	176	238912	5.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	1271	0.16	ng/ul	0.04
70) Anthracene-d10	17.29	188	338065	5.95	ng/ul	0.00
76) Pyrene-d10	19.59	212	368271	5.77	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.53	264	417499	5.94	ng/ul	0.02

Target Compounds

					Qvalue
6) Phenol	7.00	94	27904	1.138 ng/ul#	74
44) Dimethylphthalate	13.89	163	163049m	3.135 ng/ul	
49) Acenaphthene	14.50	153	75829	1.824 ng/ul	95
58) Fluorene	15.49	166	60262	1.212 ng/ul	94
69) Phenanthrene	17.23	178	961964	14.717 ng/ul	98
71) Anthracene	17.32	178	224130	3.312 ng/ul	99
72) Carbazole	17.60	167	94723	1.654 ng/ul	98
73) Di-n-butylphthalate	18.14	149	197206	2.480 ng/ul	98
74) Fluoranthene	19.25	202	1922814	24.376 ng/ul#	96
77) Pyrene	19.62	202	1659950	19.992 ng/ul#	95
80) Benzo(a)anthracene	21.36	228	1033716	12.636 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.26	149	132099	2.382 ng/ul	100
82) Chrysene	21.41	228	955939	12.446 ng/ul	97
85) Benzo(b)fluoranthene	22.98	252	1481507	15.562 ng/ul#	95
86) Benzo(k)fluoranthene	23.02	252	481550m	5.249 ng/ul	
88) Benzo(a)pyrene	23.57	252	1014015	11.301 ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	26.02	276	749520	7.866 ng/ul	98
90) Dibenzo(a,h)anthracene	26.03	278	193556	2.416 ng/ul#	78
91) Benzo(g,h,i)perylene	26.76	276	608587	7.798 ng/ul#	92

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

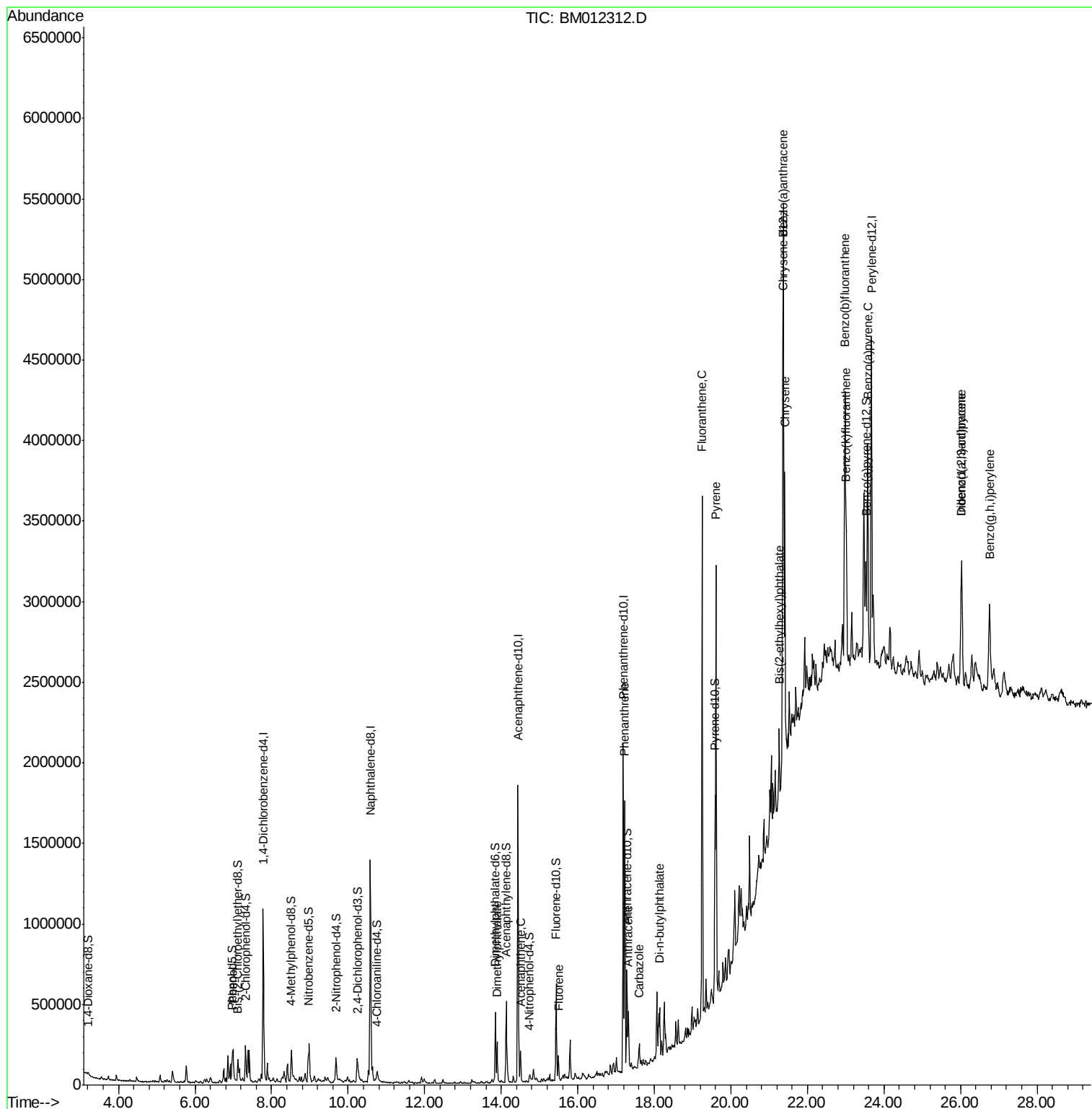
Data File : BM012312.D
Acq On : 19 Oct 2017 11:01
Operator : SJ/JU
Sample : I5747-05 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

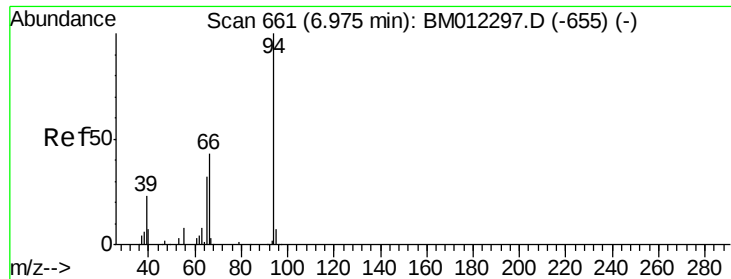
Instrument :
BNA_M
ClientSampleId :
B-4(0-1)-100617

Manual Integrations
APPROVED

Sohil
10/23/2017 3:50:34 PM

Quant Time: Jun 23 03:56:37 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 15:00:52 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.138 ng/ul

RT: 7.00 min Scan# 665

Delta R.T. 0.02 min

Lab File: BM012312.D

Acq: 19 Oct 2017 11:01

Instrument :

BNA_M

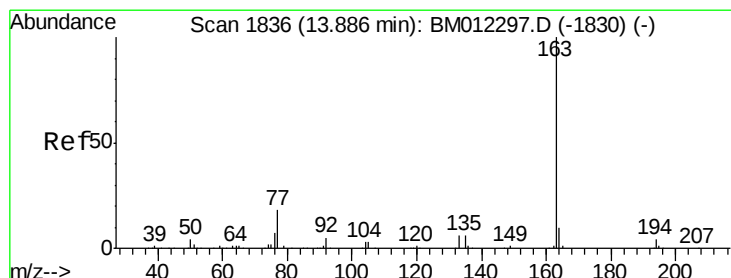
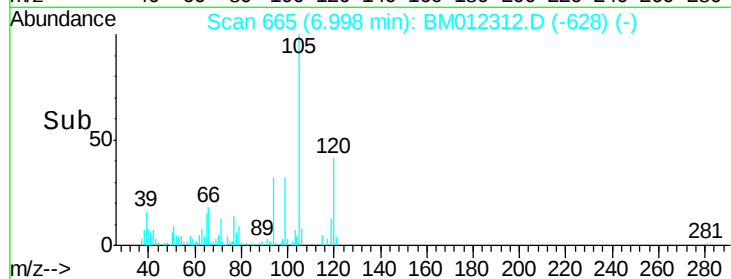
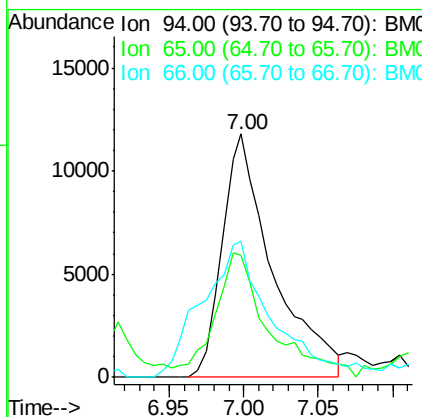
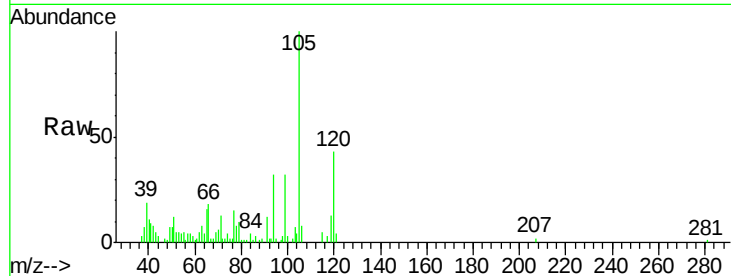
ClientSampleId :

B-4(0-1)-100617

Tgt Ion:	94	Resp:	27904
Ion Ratio	Lower	Upper	
94	100		
65	50.0	24.4	36.6#
66	55.9	35.0	52.4#

Manual Integrations
APPROVED

Sohil
10/23/2017 3:50:34 PM



#44

Dimethylphthalate

Concen: 3.135 ng/ul m

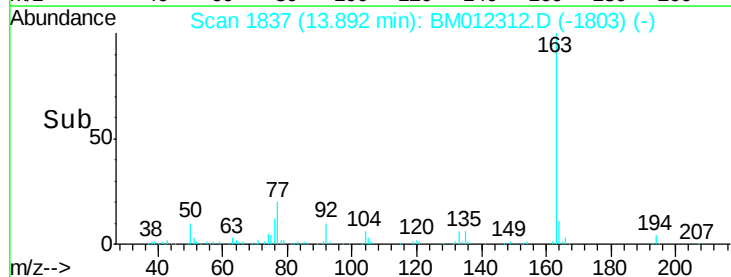
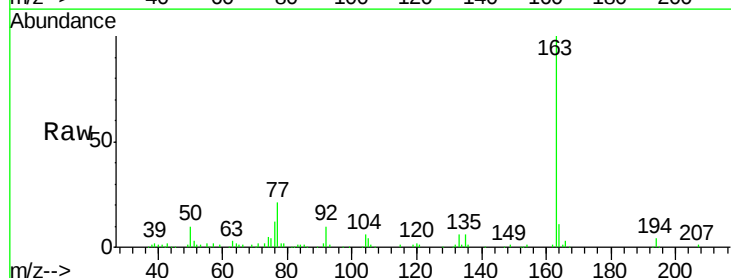
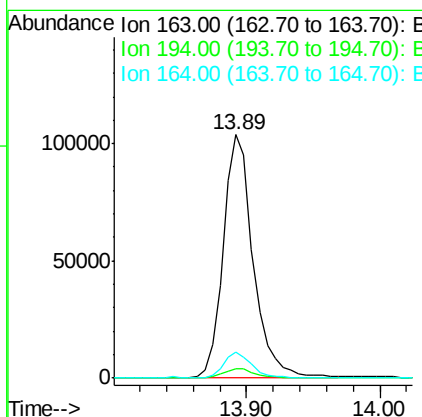
RT: 13.89 min Scan# 1837

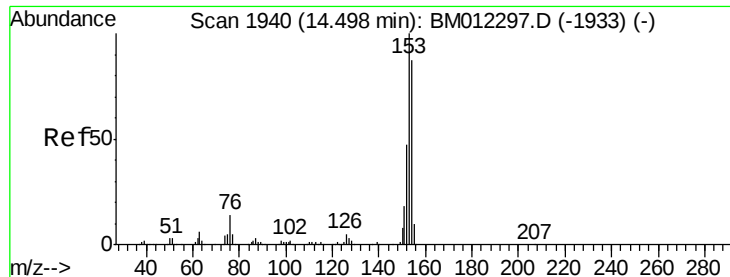
Delta R.T. 0.00 min

Lab File: BM012312.D

Acq: 19 Oct 2017 11:01

Tgt Ion:	163	Resp:	163049
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.7	5.5
164	10.9	8.1	12.1





#49

Acenaphthene

Concen: 1.824 ng/ul

RT: 14.50 min Scan# 1941

Delta R.T. 0.01 min

Lab File: BM012312.D

Acq: 19 Oct 2017 11:01

Instrument :

BNA_M

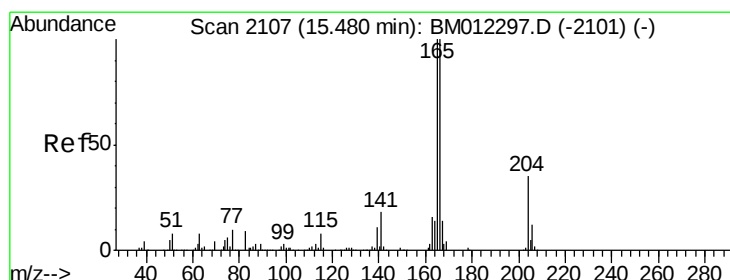
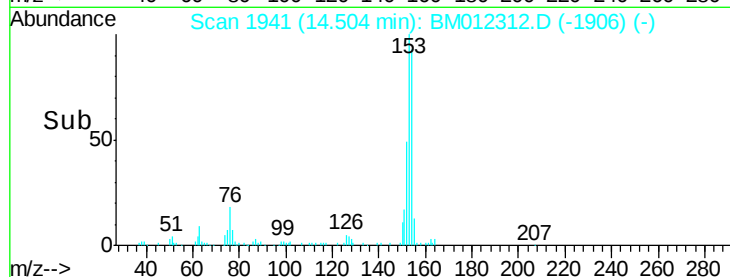
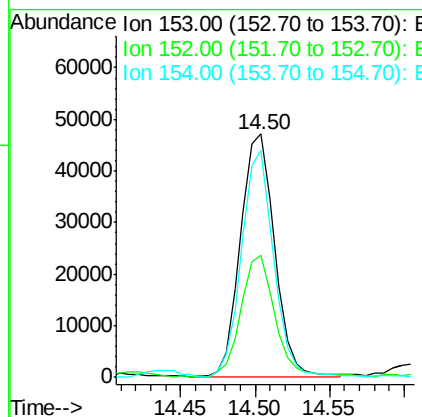
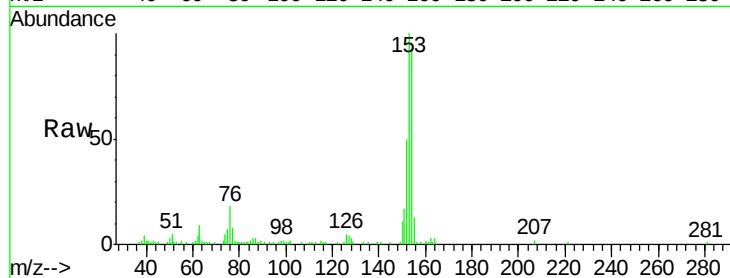
ClientSampleId :

B-4(0-1)-100617

Tgt Ion:	153	Resp:	75829
Ion Ratio	Lower	Upper	
153	100		
152	50.3	37.4	56.0
154	93.1	71.1	106.7

Manual Integrations
APPROVED

Sohil
10/23/2017 3:50:34 PM



#58

Fluorene

Concen: 1.212 ng/ul

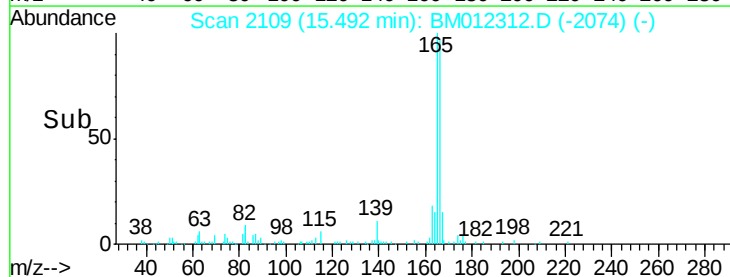
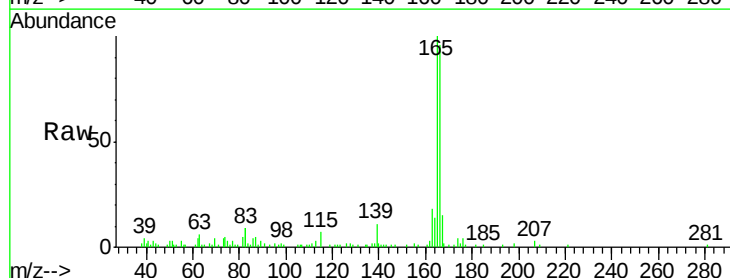
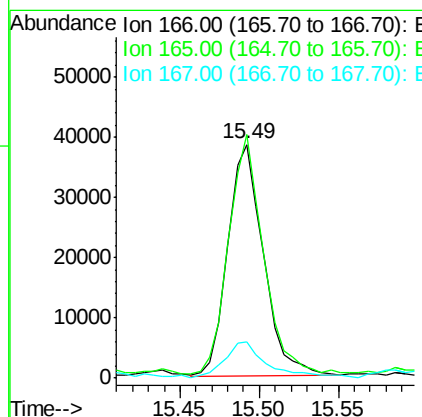
RT: 15.49 min Scan# 2109

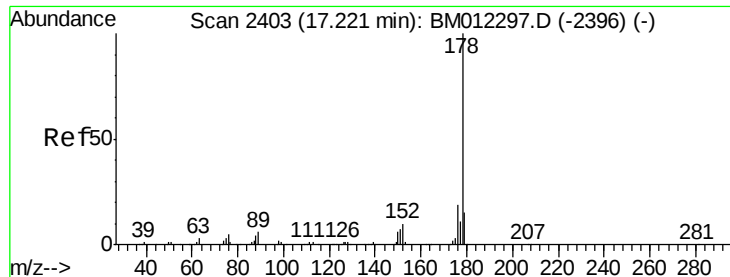
Delta R.T. 0.01 min

Lab File: BM012312.D

Acq: 19 Oct 2017 11:01

Tgt Ion:	166	Resp:	60262
Ion Ratio	Lower	Upper	
166	100		
165	104.3	79.0	118.6
167	15.6	10.8	16.2





#69

Phenanthrene

Concen: 14.717 ng/ul

RT: 17.23 min Scan# 2404

Delta R.T. 0.00 min

Lab File: BM012312.D

Acq: 19 Oct 2017 11:01

Instrument :

BNA_M

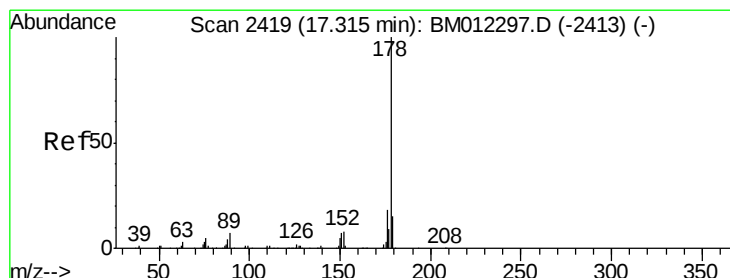
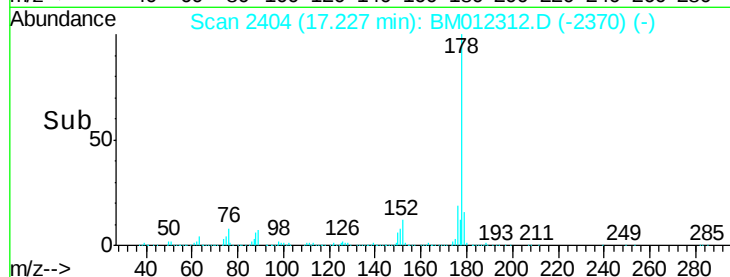
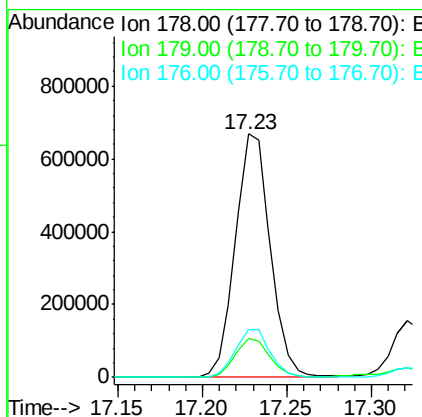
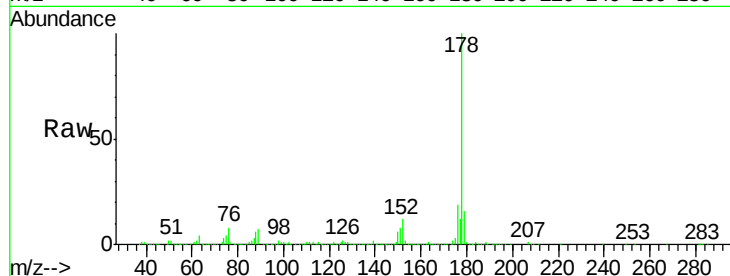
ClientSampleId :

B-4(0-1)-100617

Tgt Ion:	178	Resp:	961964
Ion Ratio		Lower	Upper
178	100		
179	15.9	12.0	18.0
176	19.4	15.0	22.6

Manual Integrations
APPROVED

Sohil
10/23/2017 3:50:34 PM



#71

Anthracene

Concen: 3.312 ng/ul

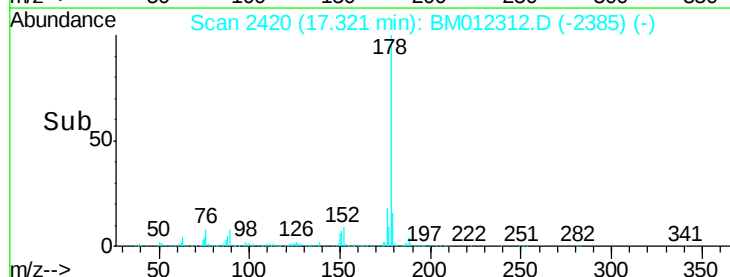
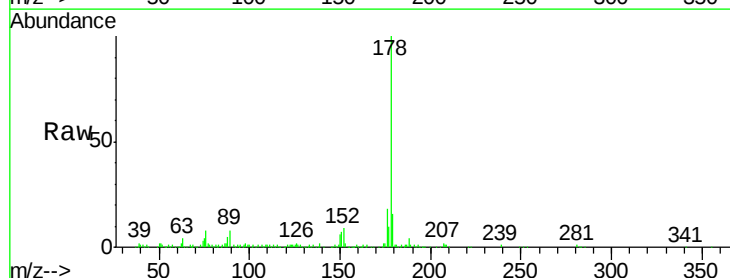
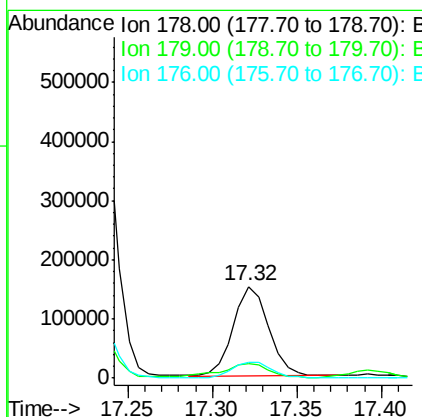
RT: 17.32 min Scan# 2420

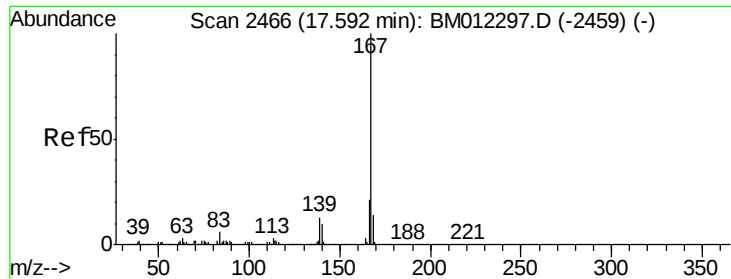
Delta R.T. 0.01 min

Lab File: BM012312.D

Acq: 19 Oct 2017 11:01

Tgt Ion:	178	Resp:	224130
Ion Ratio		Lower	Upper
178	100		
179	15.8	12.2	18.4
176	17.8	14.7	22.1





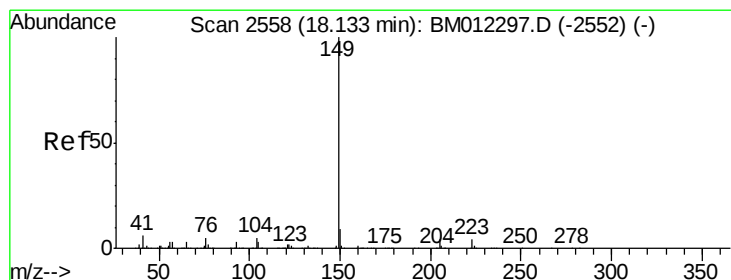
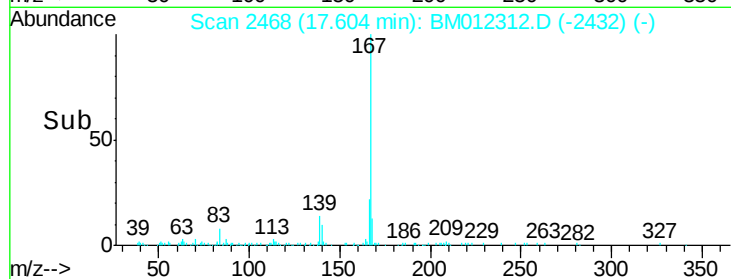
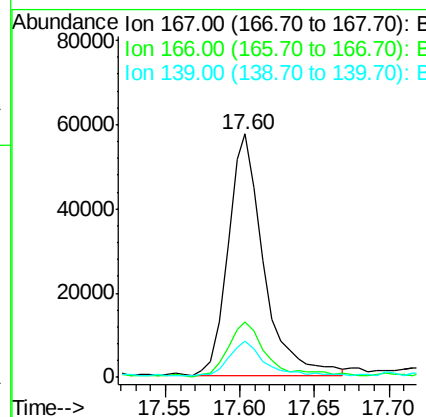
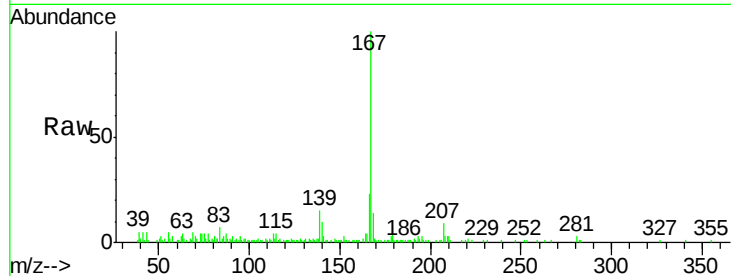
#72
 Carbazole
 Concen: 1.654 ng/ul
 RT: 17.60 min Scan# 2468
 Delta R.T. 0.01 min
 Lab File: BM012312.D
 Acq: 19 Oct 2017 11:01

Instrument :
 BNA_M
 ClientSampleId :
 B-4(0-1)-100617

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	94723		
166	22.5		17.8	26.6
139	14.9		10.6	15.8

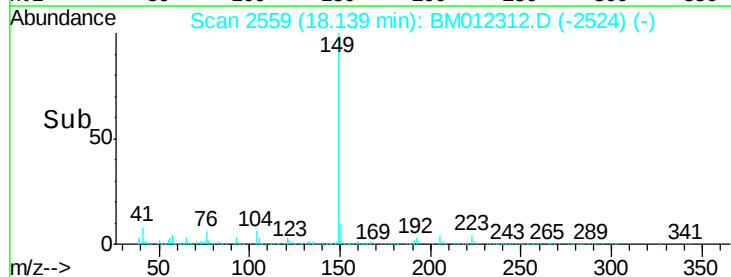
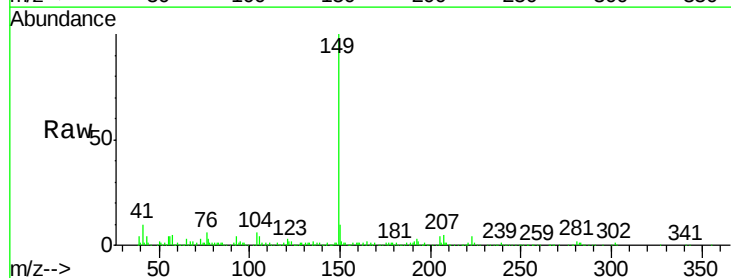
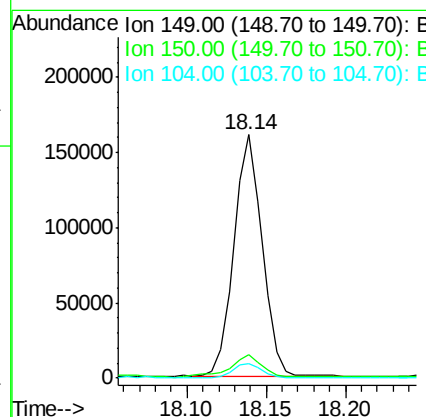
Manual Integrations
 APPROVED

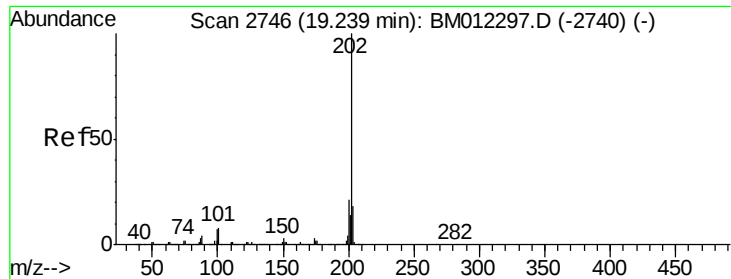
Sohil
 10/23/2017 3:50:34 PM



#73
 Di-n-butylphthalate
 Concen: 2.480 ng/ul
 RT: 18.14 min Scan# 2559
 Delta R.T. 0.01 min
 Lab File: BM012312.D
 Acq: 19 Oct 2017 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	197206		
150	9.9		7.4	11.0
104	5.8		4.2	6.4





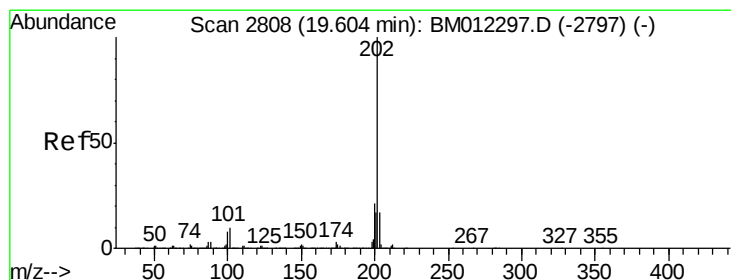
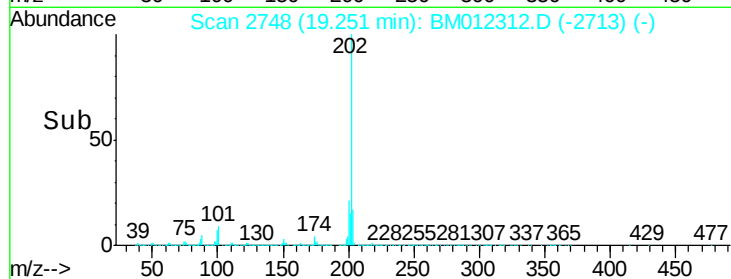
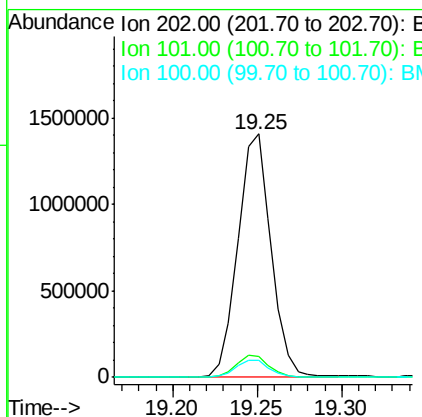
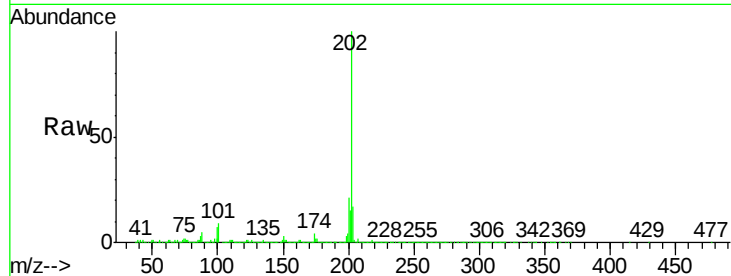
#74
 Fluoranthene
 Concen: 24.376 ng/ul
 RT: 19.25 min Scan# 2748
 Delta R.T. 0.01 min
 Lab File: BM012312.D
 Acq: 19 Oct 2017 11:01

Instrument :
 BNA_M
 ClientSampleId :
 B-4(0-1)-100617

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1922814		
101	8.7	5.8	8.6#	
100	6.8	4.3	6.5#	

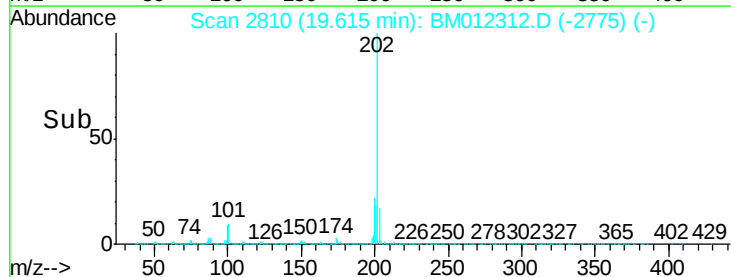
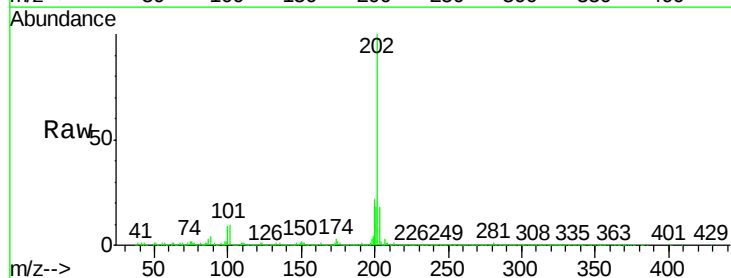
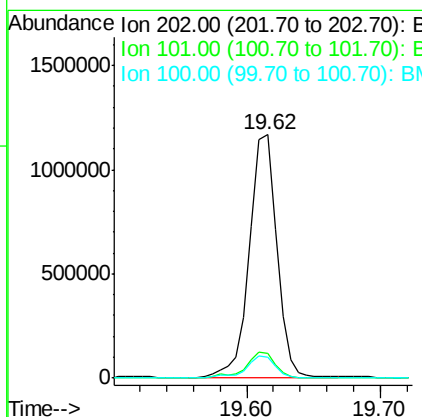
Manual Integrations
 APPROVED

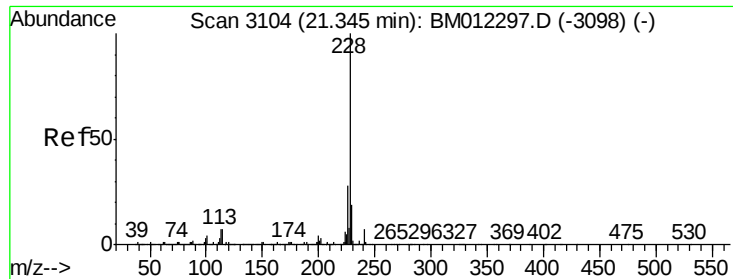
Sohil
 10/23/2017 3:50:34 PM



#77
 Pyrene
 Concen: 19.992 ng/ul
 RT: 19.62 min Scan# 2810
 Delta R.T. 0.01 min
 Lab File: BM012312.D
 Acq: 19 Oct 2017 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1659950		
101	10.2	6.5	9.7#	
100	8.5	5.6	8.4#	





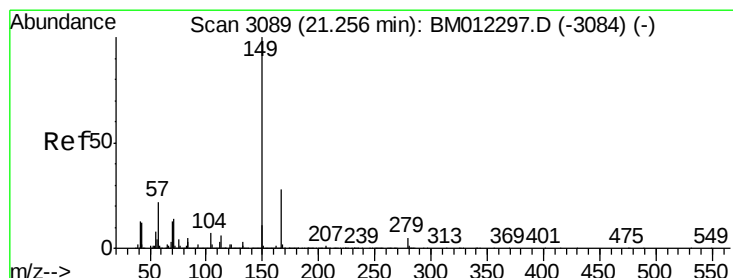
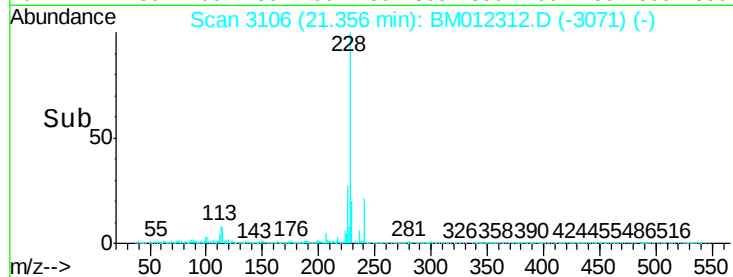
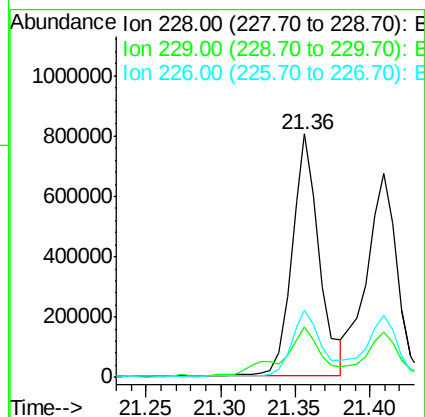
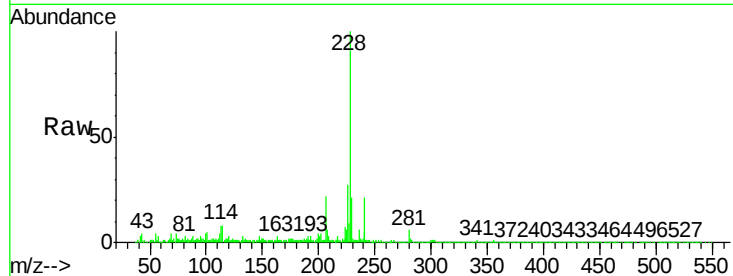
#80
Benzo(a)anthracene
Concen: 12.636 ng/ul
RT: 21.36 min Scan# 3106
Delta R.T. 0.01 min
Lab File: BM012312.D
Acq: 19 Oct 2017 11:01

Instrument :
BNA_M
ClientSampleId :
B-4(0-1)-100617

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.8	23.8
226	27.4	21.4	32.2

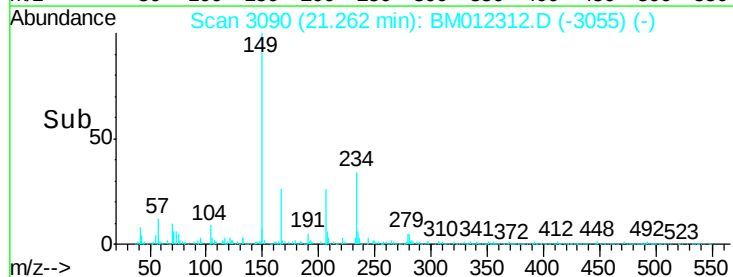
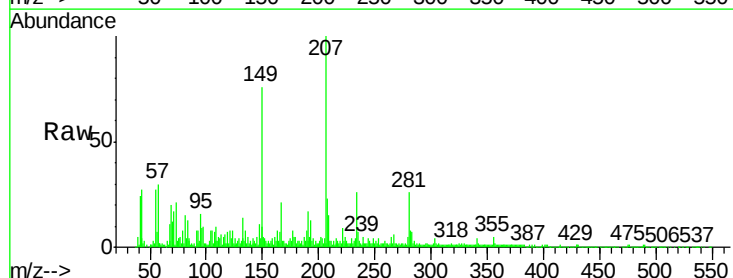
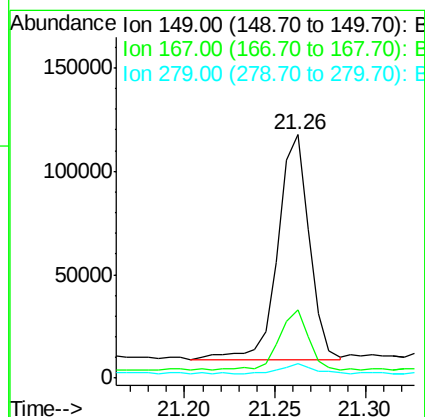
Manual Integrations
APPROVED

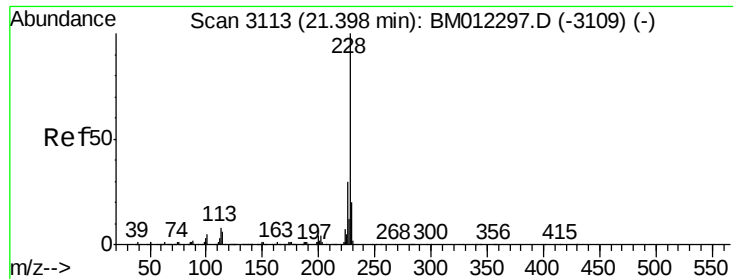
Sohil
10/23/2017 3:50:34 PM



#81
Bis(2-ethylhexyl)phthalate
Concen: 2.382 ng/ul
RT: 21.26 min Scan# 3090
Delta R.T. 0.01 min
Lab File: BM012312.D
Acq: 19 Oct 2017 11:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.5	33.7
279	6.1	4.4	6.6





#82

Chrysene

Concen: 12.446 ng/ul

RT: 21.41 min Scan# 3115

Delta R.T. 0.01 min

Lab File: BM012312.D

Acq: 19 Oct 2017 11:01

Instrument :

BNA_M

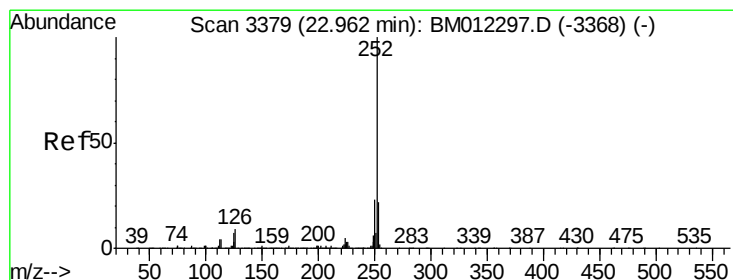
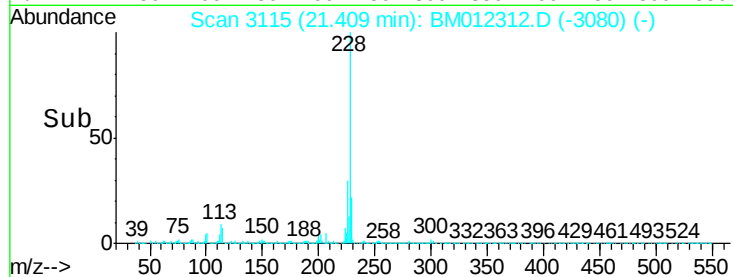
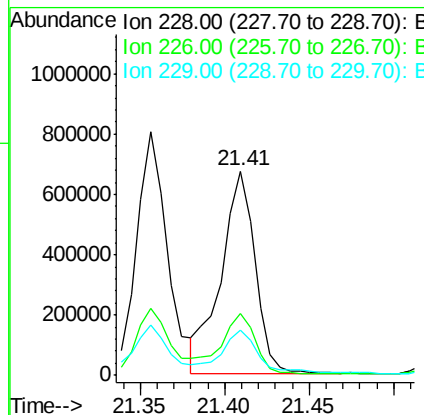
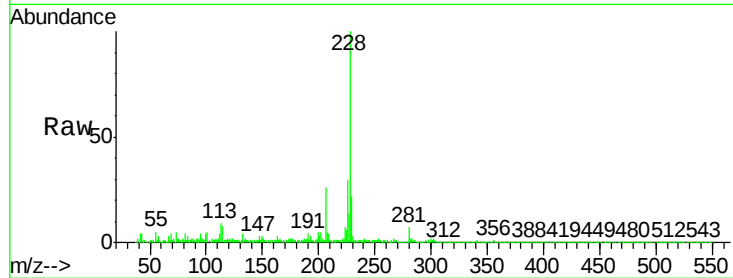
ClientSampleId :

B-4(0-1)-100617

Tgt Ion:	228	Resp:	955939
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.0	36.0
229	22.2	15.5	23.3

Manual Integrations
APPROVED

Sohil
10/23/2017 3:50:34 PM



#85

Benzo(b)fluoranthene

Concen: 15.562 ng/ul

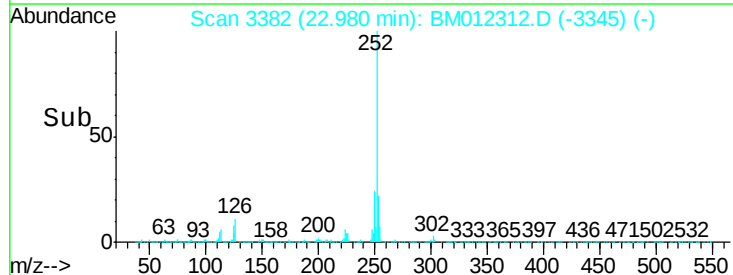
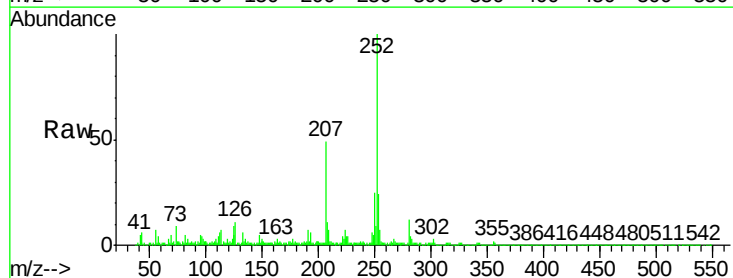
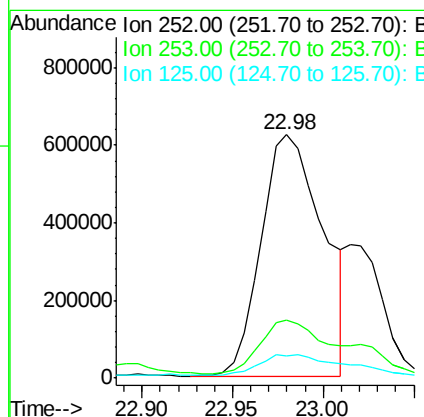
RT: 22.98 min Scan# 3382

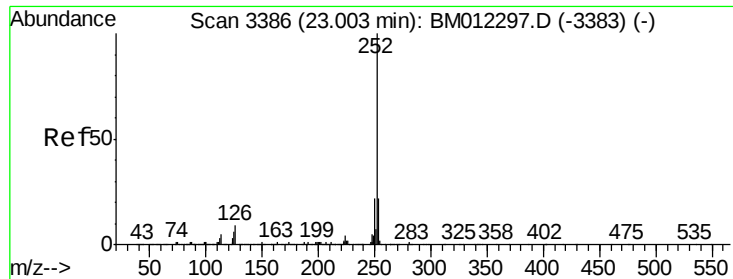
Delta R.T. 0.02 min

Lab File: BM012312.D

Acq: 19 Oct 2017 11:01

Tgt Ion:	252	Resp:	1481507
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.4	26.2
125	9.3	5.1	7.7#





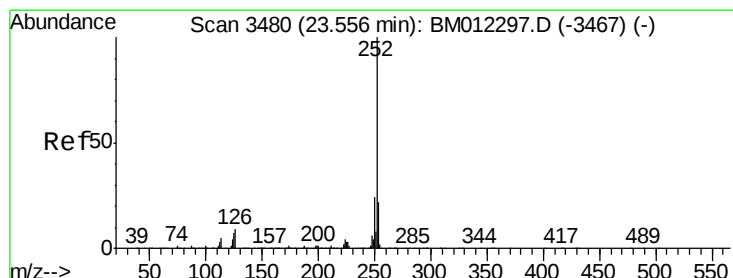
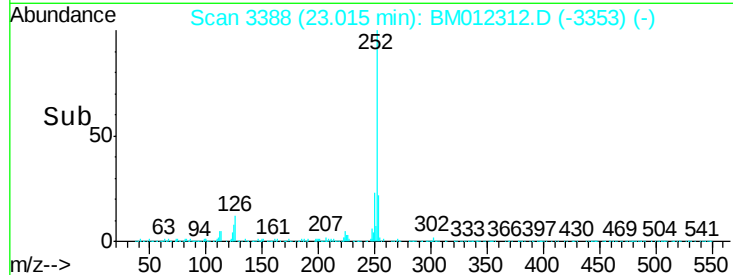
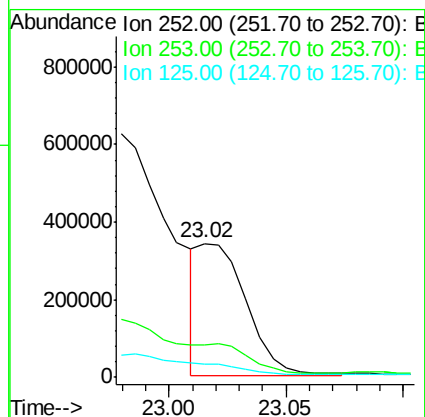
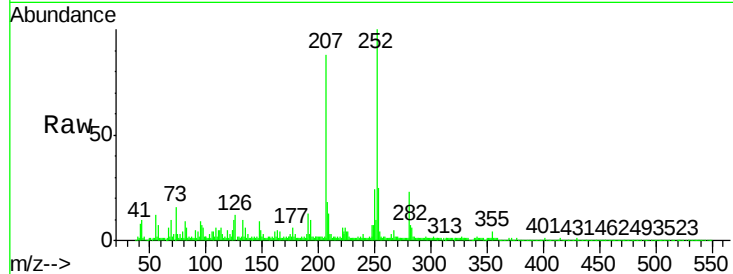
#86
Benzo(k)fluoranthene
Concen: 5.249 ng/ul m
RT: 23.02 min Scan# 3388
Delta R.T. 0.01 min
Lab File: BM012312.D
Acq: 19 Oct 2017 11:01

Instrument :
BNA_M
ClientSampleId :
B-4(0-1)-100617

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.8	26.6
125	10.3	4.9	7.3#

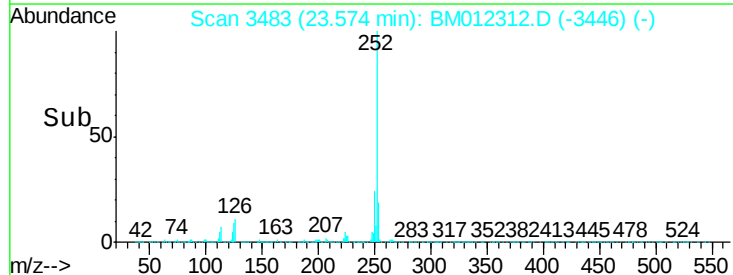
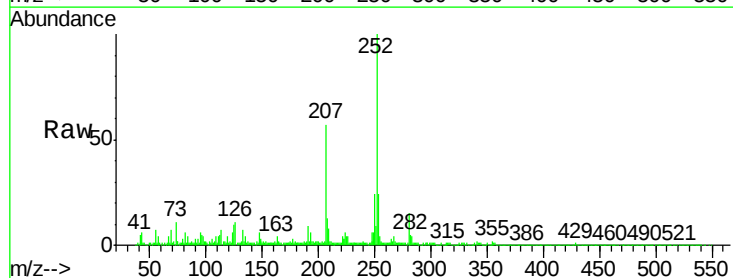
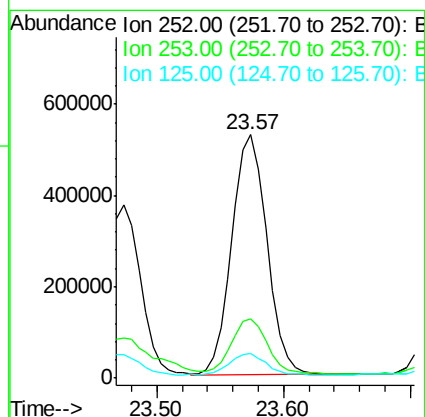
Manual Integrations
APPROVED

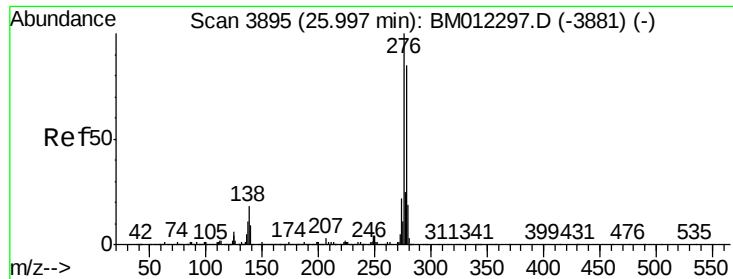
Sohil
10/23/2017 3:50:34 PM



#88
Benzo(a)pyrene
Concen: 11.301 ng/ul
RT: 23.57 min Scan# 3483
Delta R.T. 0.02 min
Lab File: BM012312.D
Acq: 19 Oct 2017 11:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.1	25.7
125	10.2	5.2	7.8#





#89

Indeno(1,2,3-cd)pyrene

Concen: 7.866 ng/ul

RT: 26.02 min Scan# 3899

Delta R.T. 0.02 min

Lab File: BM012312.D

Acq: 19 Oct 2017 11:01

Instrument :

BNA_M

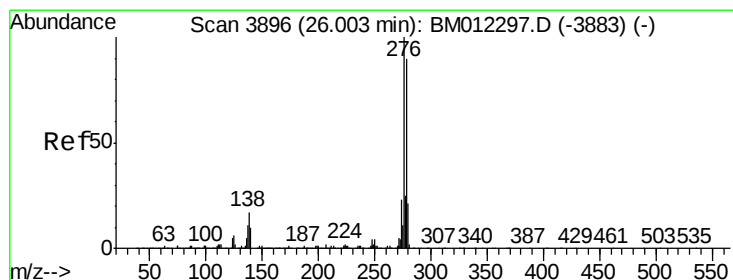
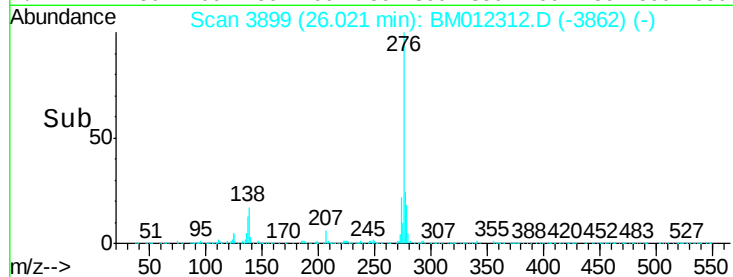
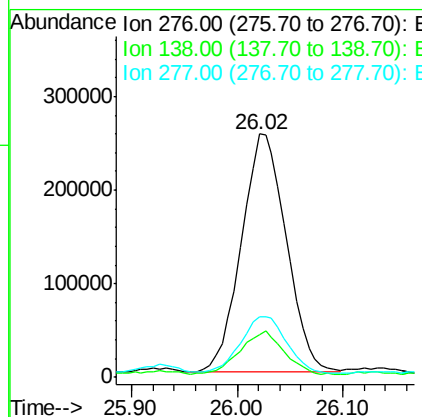
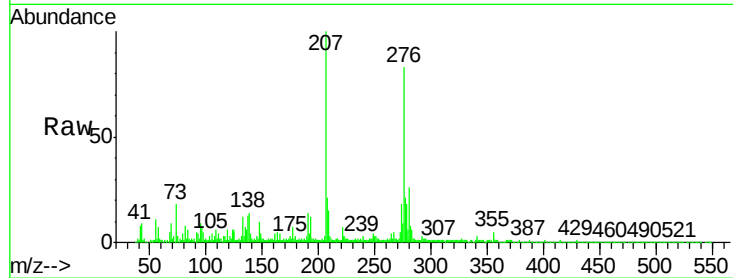
ClientSampleId :

B-4(0-1)-100617

Tgt Ion:	276	Resp:	749520
Ion Ratio		Lower	Upper
276	100		
138	17.5	13.2	19.8
277	25.0	20.6	31.0

Manual Integrations
APPROVED

Sohil
10/23/2017 3:50:34 PM



#90

Dibenzo(a,h)anthracene

Concen: 2.416 ng/ul

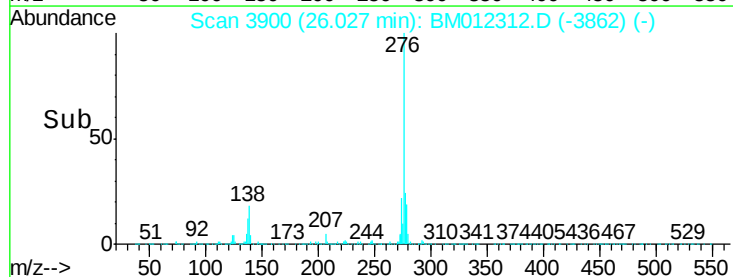
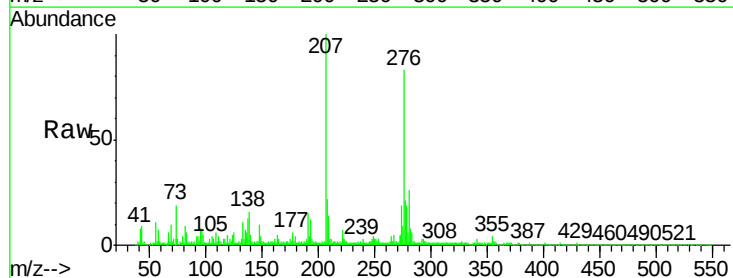
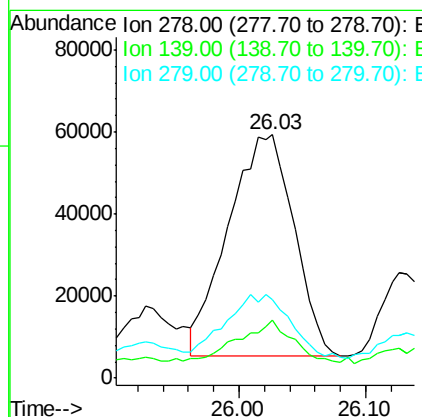
RT: 26.03 min Scan# 3900

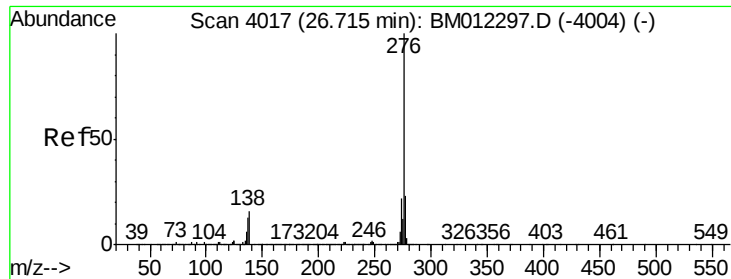
Delta R.T. 0.02 min

Lab File: BM012312.D

Acq: 19 Oct 2017 11:01

Tgt Ion:	278	Resp:	193556
Ion Ratio		Lower	Upper
278	100		
139	23.9	8.3	12.5#
279	32.1	19.3	28.9#





#91
 Benzo(g,h,i)perylene
 Concen: 7.798 ng/ul
 RT: 26.76 min Scan# 4024
 Delta R.T. 0.03 min
 Lab File: BM012312.D
 Acq: 19 Oct 2017 11:01

Instrument :
 BNA_M
 ClientSampleId :
 B-4(0-1)-100617

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.3	10.7	16.1#
277	26.3	19.0	28.4

Manual Integrations
 APPROVED

Sohil
 10/23/2017 3:50:34 PM

