

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
 Data File : BM012759.D
 Acq On : 06 Nov 2017 03:24
 Operator : SJ/JU
 Sample : I5825-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-64(2.5-4.5)-101117

Manual Integrations
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Quant Time: Nov 06 07:36:01 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 07:19:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	143694	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	608316	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	381998	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	800557	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	644590	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	708100	20.00	ng/ul	0.00

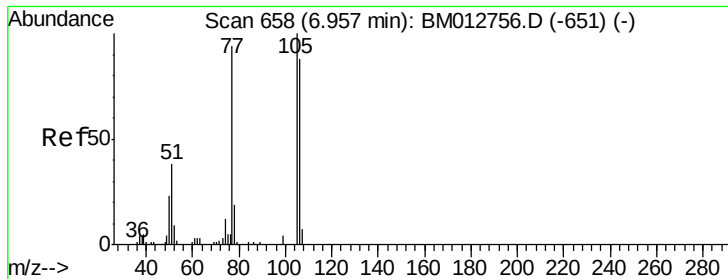
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	12200	4.59	ng/uL	0.00
5) Phenol-d5	6.99	99	286246	26.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	165363	28.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	252670	28.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	116999	12.68	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	132048	29.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	155379	30.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	274747	26.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	67580	6.64	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	942174	29.81	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	1150147	29.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	97829	19.31	ng/ul	0.00
57) Fluorene-d10	15.45	176	831481	30.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	68042m	12.87	ng/ul	0.00
70) Anthracene-d10	17.29	188	1180715	30.53	ng/ul	0.00
78) Pyrene-d10	19.59	212	1063396	35.55	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.52	264	1029477	30.75	ng/ul	0.01

Target Compounds

					Qvalue	
4) Benzaldehyde	6.96	77	7018	1.234	ng/ul#	84
6) Phenol	7.02	94	48939	4.459	ng/ul	95
44) Dimethylphthalate	13.90	163	509851	16.254	ng/ul	100
69) Phenanthrene	17.23	178	99022	2.263	ng/ul	98
75) Di-n-butylphthalate	18.16	149	115117	2.596	ng/ul	99
76) Fluoranthene	19.25	202	219496m	4.174	ng/ul	
79) Pyrene	19.62	202	246107	6.399	ng/ul#	91
82) Benzo(a)anthracene	21.36	228	141573	3.630	ng/ul#	92
83) Bis(2-ethylhexyl)phthalate	21.29	149	54685	2.677	ng/ul#	87
84) Chrysene	21.41	228	196433	5.557	ng/ul#	93
87) Benzo(b)fluoranthene	22.97	252	350626	8.103	ng/ul#	88
88) Benzo(k)fluoranthene	23.02	252	107258m	2.608	ng/ul	
90) Benzo(a)pyrene	23.56	252	219443	5.329	ng/ul#	90
91) Indeno(1,2,3-cd)pyrene	25.98	276	249388	5.025	ng/ul#	87
92) Dibenzo(a,h)anthracene	25.99	278	64242	1.529	ng/ul#	69
93) Benzo(g,h,i)perylene	26.70	276	261389	6.392	ng/ul#	90

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



#4

Benzaldehyde

Concen: 1.234 ng/ul

RT: 6.96 min Scan# 658

Delta R.T. 0.00 min

Lab File: BM012759.D

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Instrument :

BNA_M

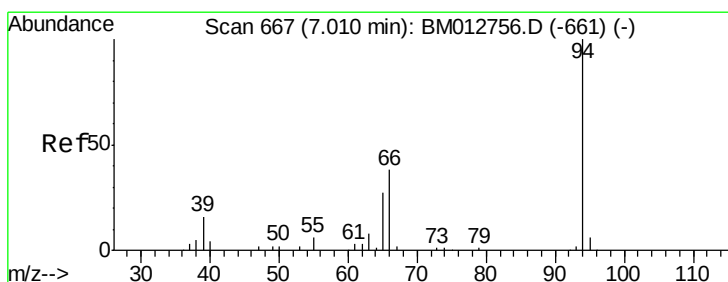
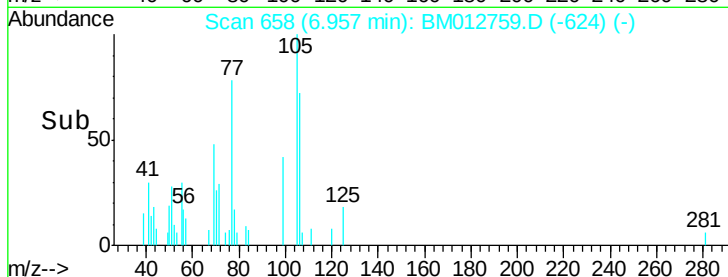
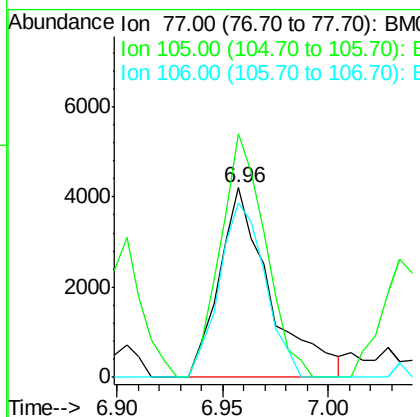
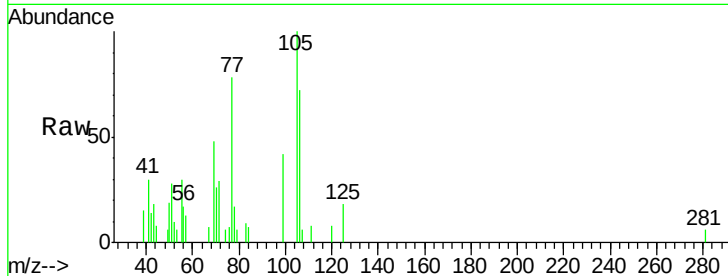
ClientSampleId :

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Tgt Ion: 77 Resp: 7018
 Ion Ratio Lower Upper
 77 100
 105 128.5 80.6 120.8#
 106 92.4 77.7 116.5

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#6

Phenol

Concen: 4.459 ng/ul

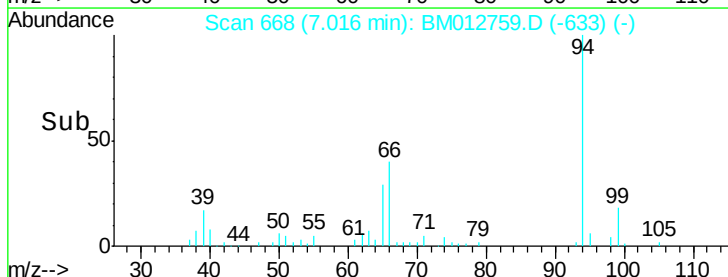
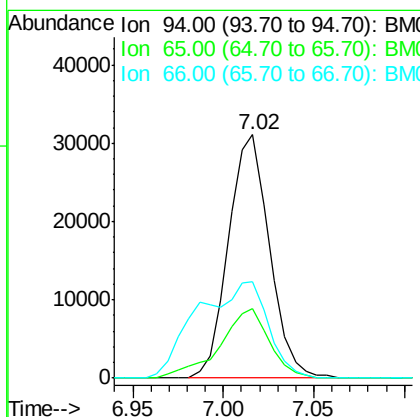
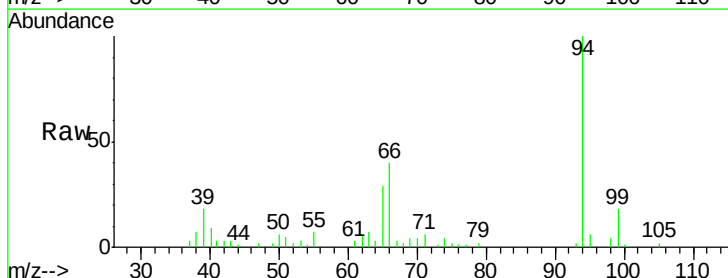
RT: 7.02 min Scan# 668

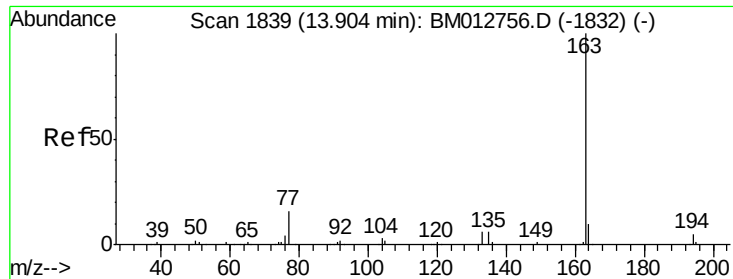
Delta R.T. 0.01 min

Lab File: BM012759.D

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Tgt Ion: 94 Resp: 48939
 Ion Ratio Lower Upper
 94 100
 65 28.7 21.0 31.6
 66 39.5 29.3 43.9





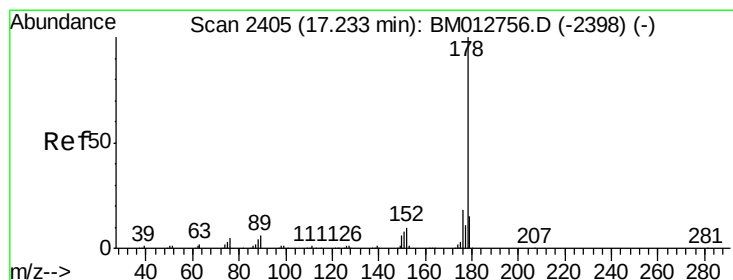
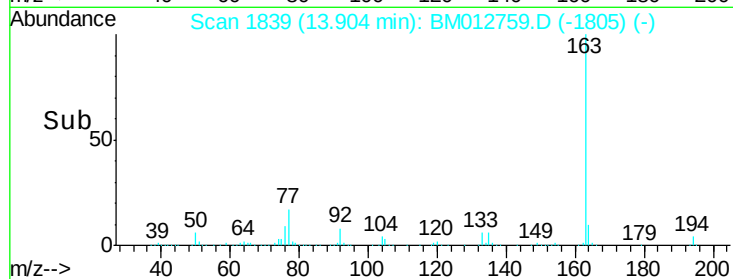
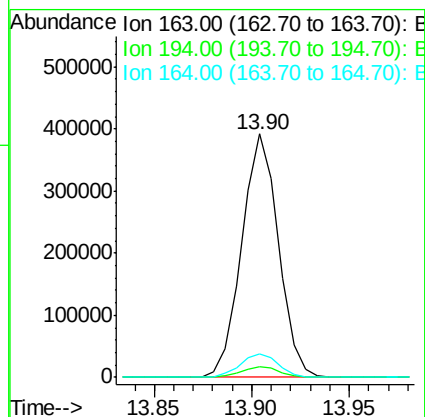
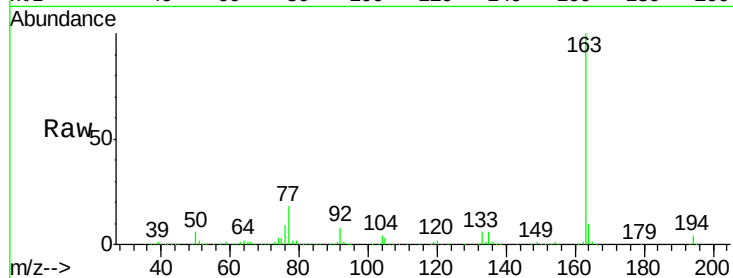
#44
Dimethylphthalate
Concen: 16.254 ng/ul
RT: 13.90 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BM012759.D
Acq: 06 Nov 2017 03:24

Instrument :
BNA_M
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Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.3	3.2	4.8
164	9.7	7.8	11.8

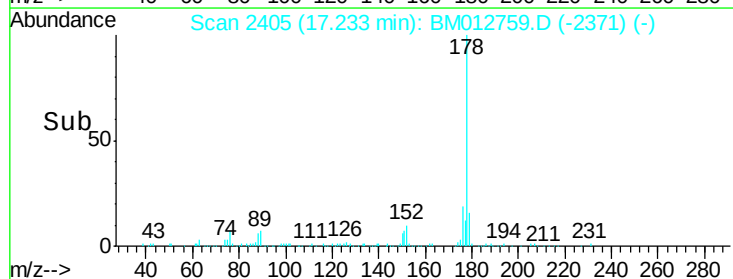
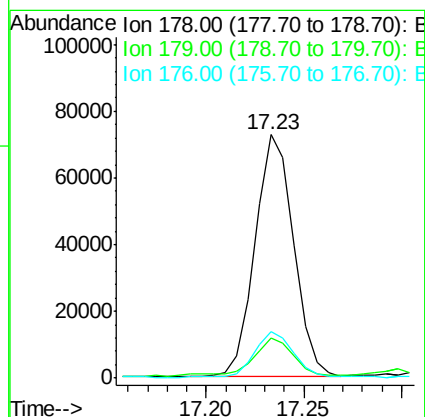
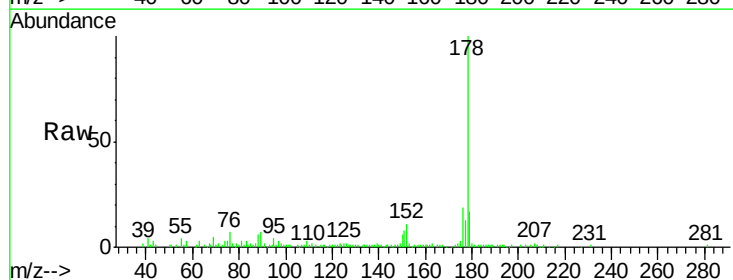
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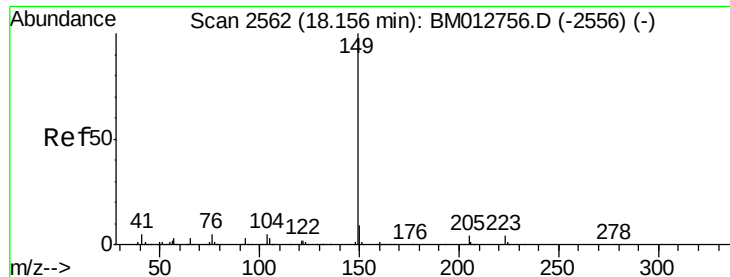
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#69
Phenanthrene
Concen: 2.263 ng/ul
RT: 17.23 min Scan# 2405
Delta R.T. 0.00 min
Lab File: BM012759.D
Acq: 06 Nov 2017 03:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	16.6	12.2	18.4
176	19.4	15.6	23.4





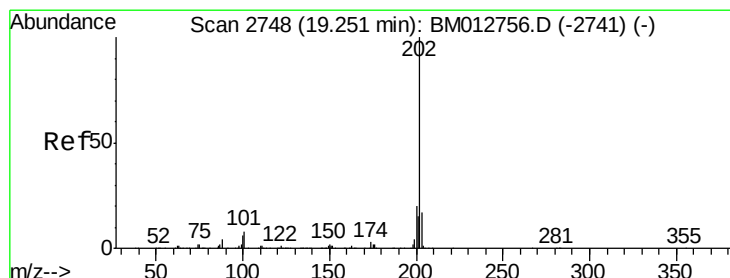
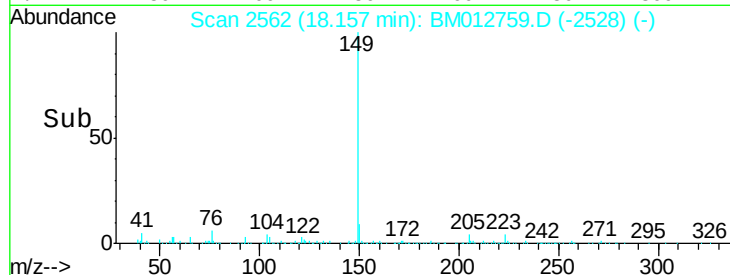
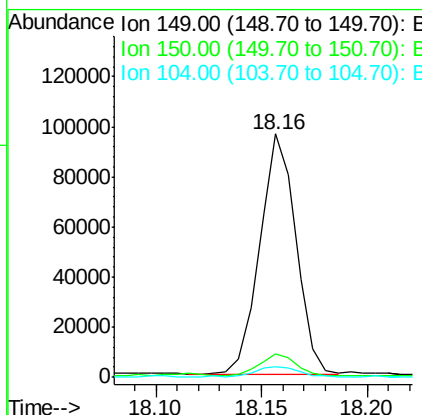
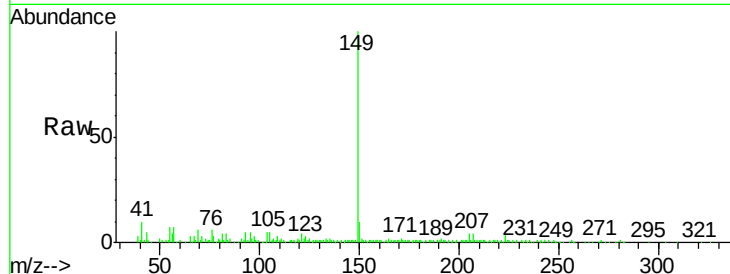
#75
Di-n-butylphthalate
Concen: 2.596 ng/ul
RT: 18.16 min Scan# 2562
Delta R.T. 0.00 min
Lab File: BM012759.D
Acq: 06 Nov 2017 03:24

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
149	100	115117		
150	9.7	7.4	11.0	
104	4.5	4.0	6.0	

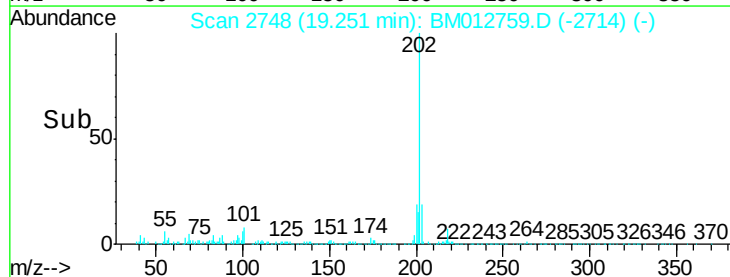
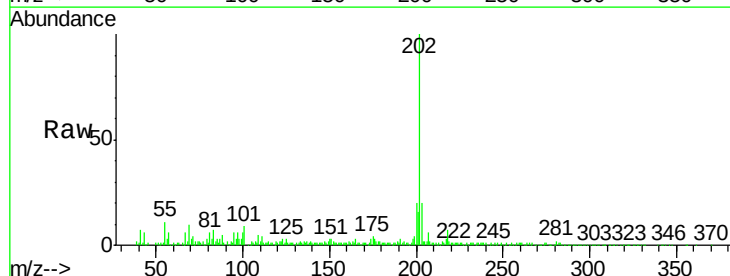
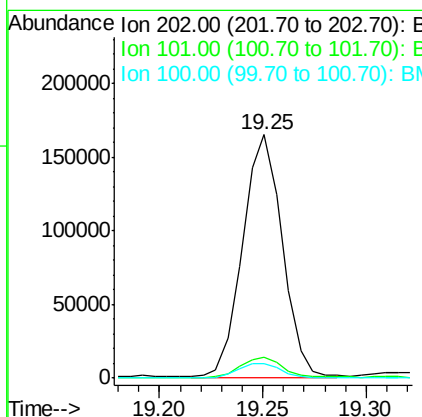
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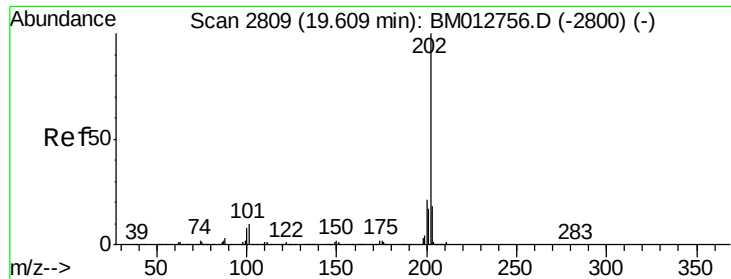
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#76
Fluoranthene
Concen: 4.174 ng/ul m
RT: 19.25 min Scan# 2748
Delta R.T. 0.00 min
Lab File: BM012759.D
Acq: 06 Nov 2017 03:24

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	219496		
101	8.7	8.8	13.2#	
100	6.1	6.6	9.8#	





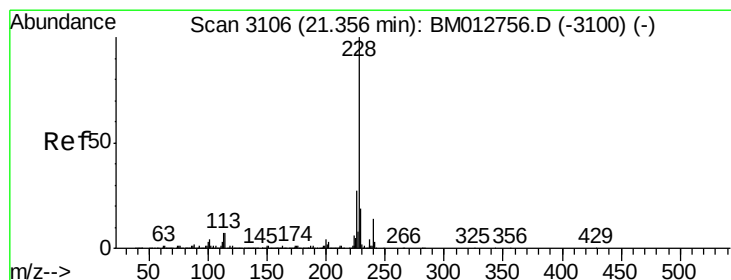
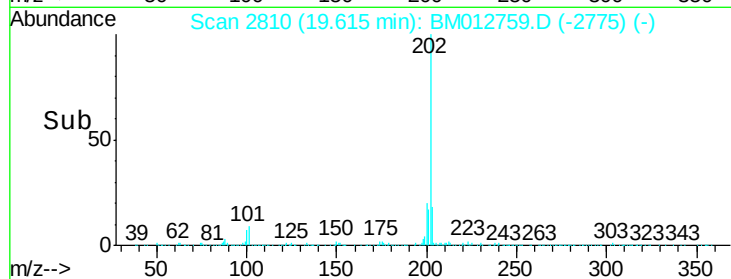
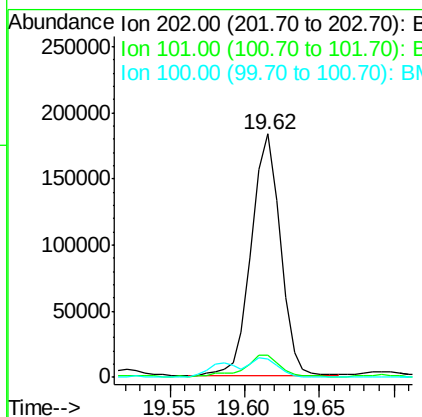
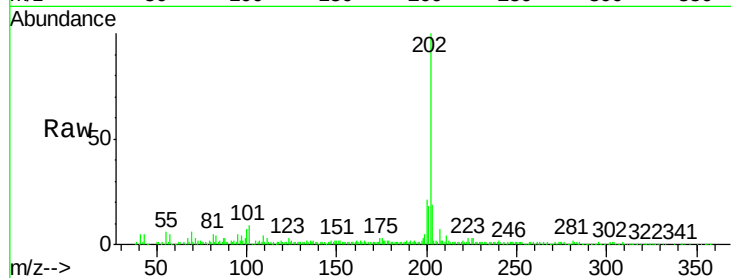
#79
 Pyrene
 Concen: 6.399 ng/ul
 RT: 19.62 min Scan# 2810
 Delta R.T. 0.01 min
 Lab File: BM012759.D
 Acq: 06 Nov 2017 03:24

Instrument :
 BNA_M
 ClientSampleId :
 B-64(2.5-4.5)-101117

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.2	10.2	15.2#
100	7.3	8.5	12.7#

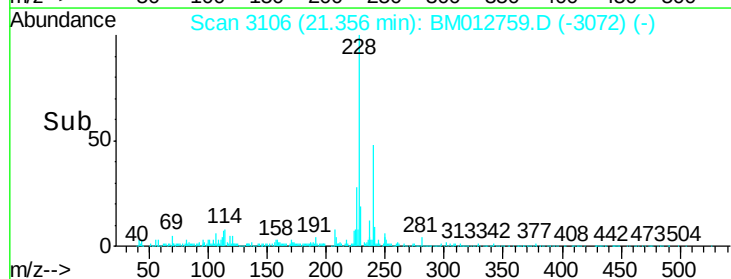
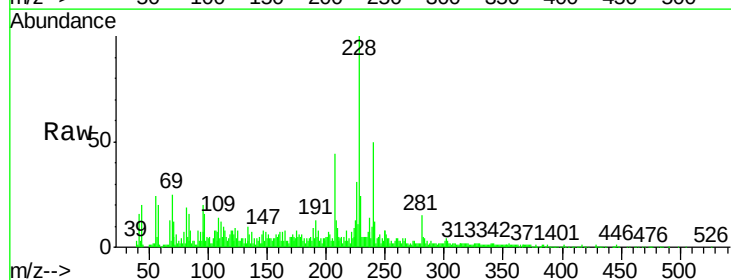
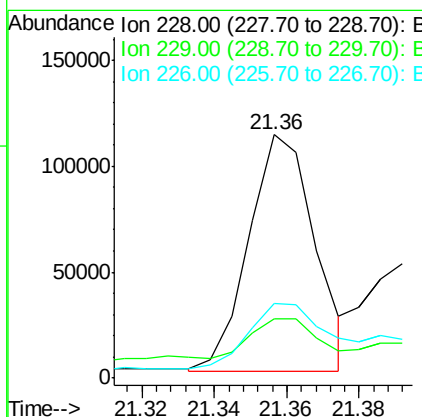
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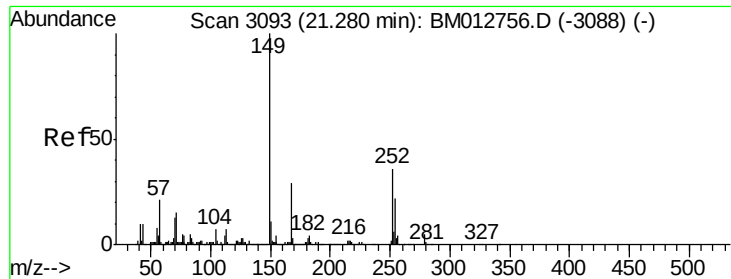
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#82
 Benzo(a)anthracene
 Concen: 3.630 ng/ul
 RT: 21.36 min Scan# 3106
 Delta R.T. 0.00 min
 Lab File: BM012759.D
 Acq: 06 Nov 2017 03:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	24.4	15.7	23.5#
226	30.6	21.8	32.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.677 ng/ul

RT: 21.29 min Scan# 3094

Delta R.T. 0.01 min

Lab File: BM012759.D

Acq: 06 Nov 2017 03:24

Instrument :

BNA_M

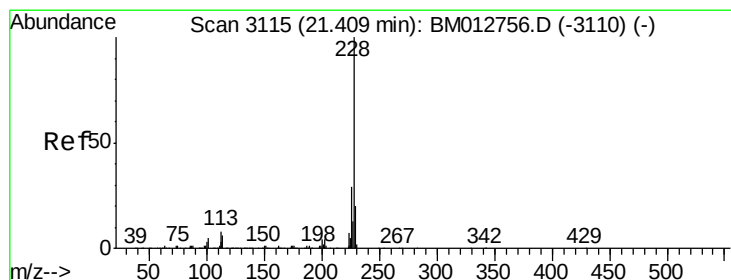
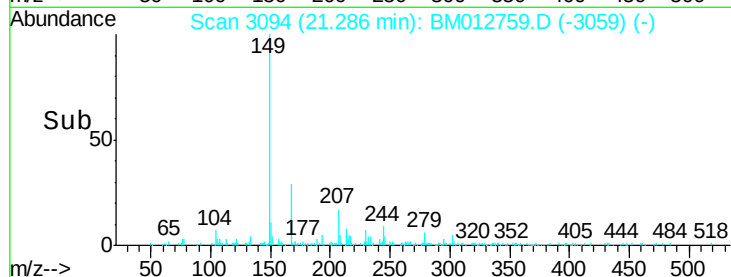
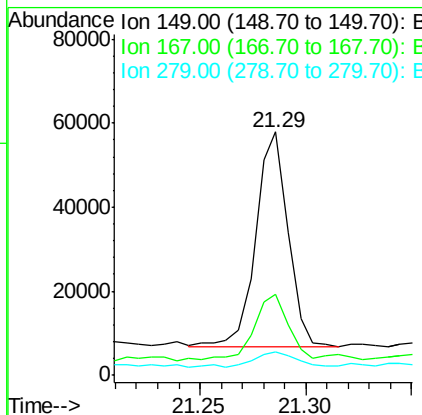
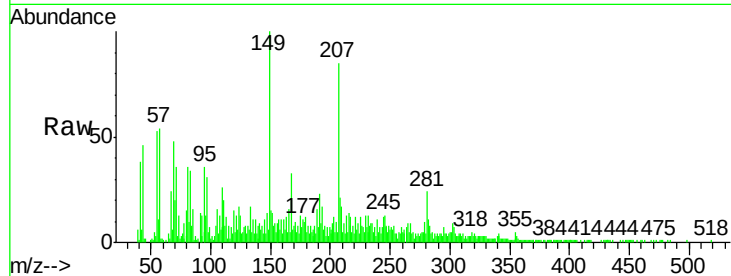
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Tgt Ion:	149	Resp:	54685
Ion Ratio	Lower	Upper	
149	100		
167	33.4	21.6	32.4#
279	9.6	3.0	4.4#

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#84

Chrysene

Concen: 5.557 ng/ul

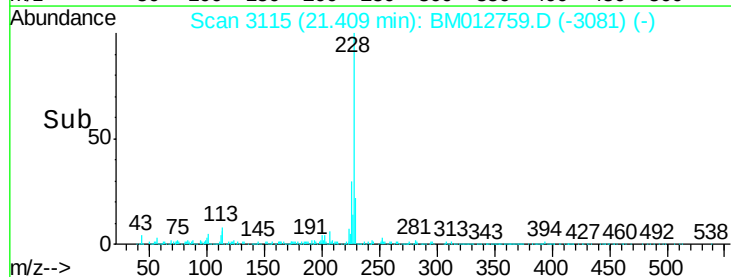
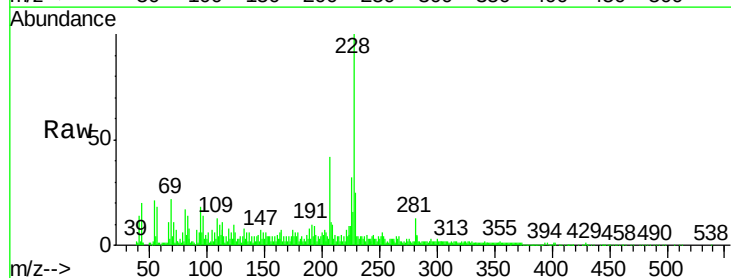
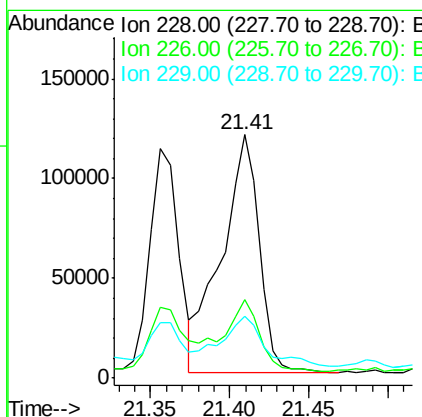
RT: 21.41 min Scan# 3115

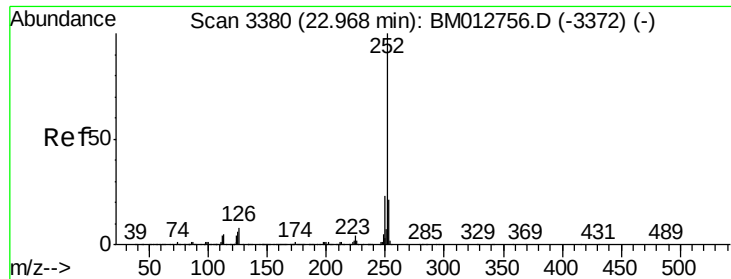
Delta R.T. 0.00 min

Lab File: BM012759.D

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Tgt Ion:	228	Resp:	196433
Ion Ratio	Lower	Upper	
228	100		
226	32.2	24.0	36.0
229	25.2	15.6	23.4#





#87

Benzo(b)fluoranthene

Concen: 8.103 ng/ul

RT: 22.97 min Scan# 3381

Delta R.T. 0.01 min

Lab File: BM012759.D

Acq: 06 Nov 2017 03:24

Instrument :

BNA_M

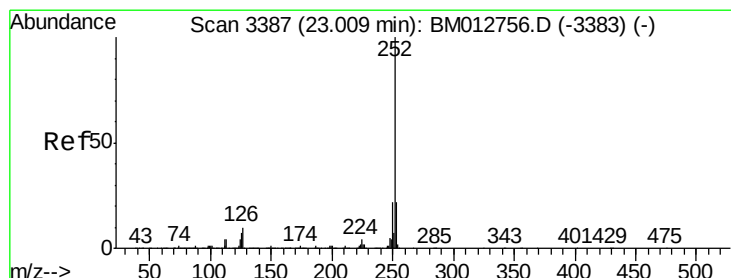
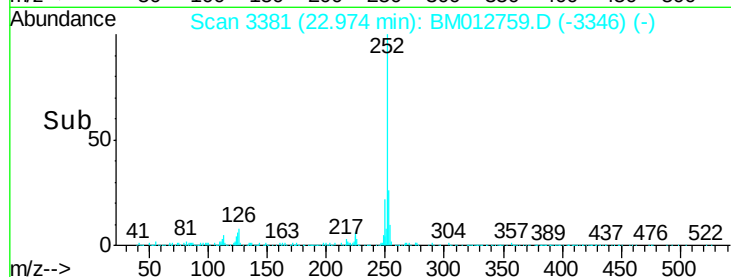
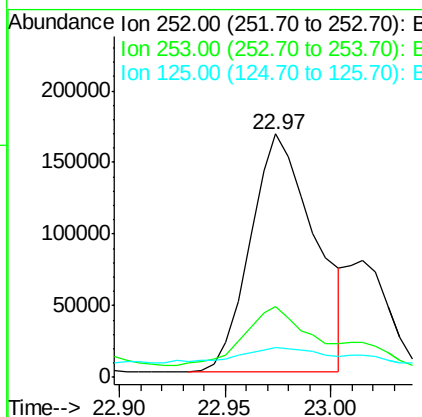
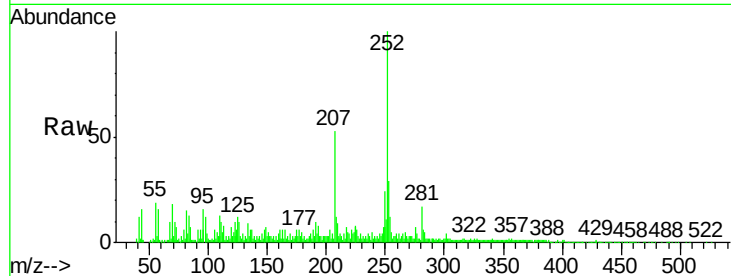
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Tgt Ion:	252	Resp:	350626
Ion Ratio	Lower	Upper	
252	100		
253	29.2	17.5	26.3#
125	12.0	8.5	12.7

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#88

Benzo(k)fluoranthene

Concen: 2.608 ng/ul m

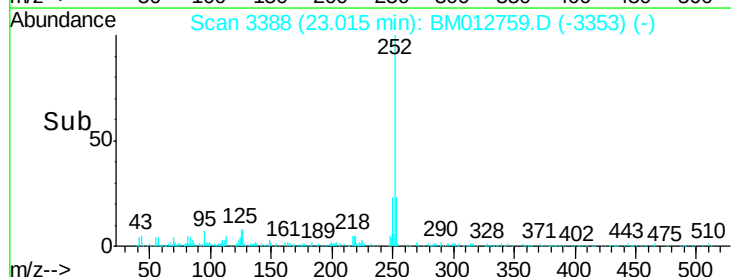
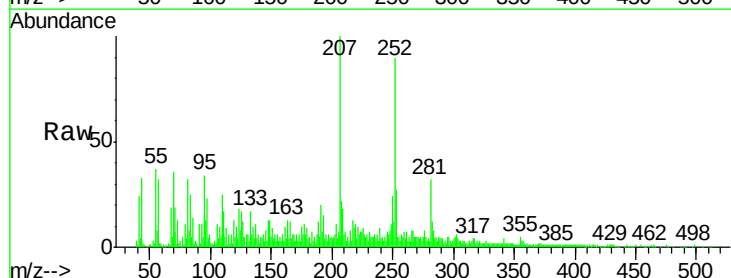
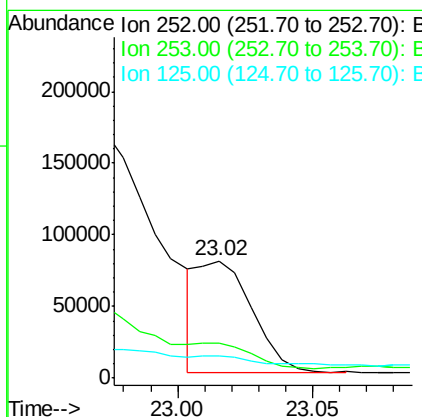
RT: 23.02 min Scan# 3388

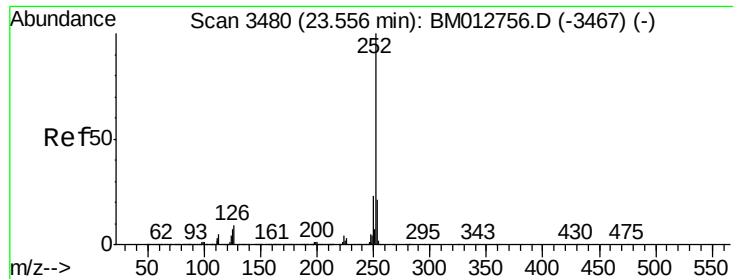
Delta R.T. 0.01 min

Lab File: BM012759.D

Acq: 06 Nov 2017 03:24

Tgt Ion:	252	Resp:	107258
Ion Ratio	Lower	Upper	
252	100		
253	29.6	17.3	25.9#
125	19.3	8.2	12.2#





#90

Benzo(a)pyrene

Concen: 5.329 ng/ul

RT: 23.56 min Scan# 3481

Delta R.T. 0.01 min

Lab File: BM012759.D

Acq: 06 Nov 2017 03:24

Instrument :

BNA_M

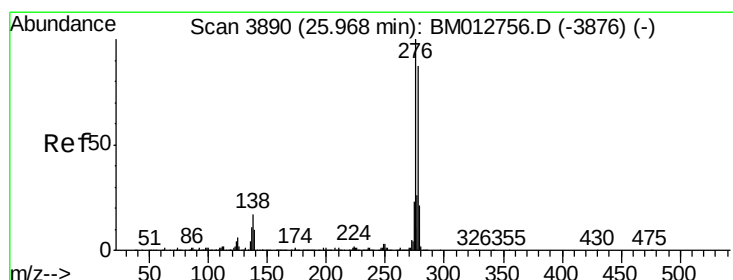
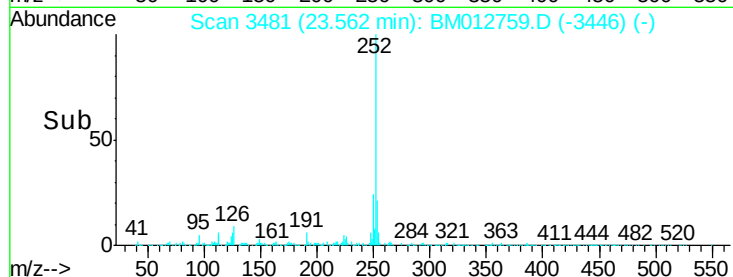
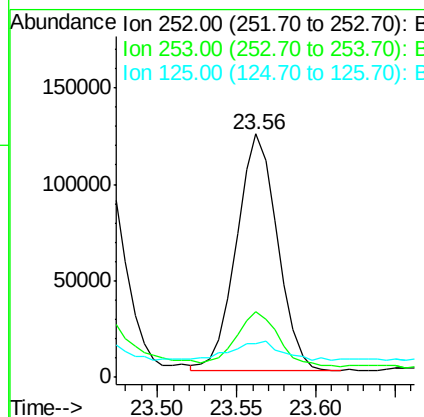
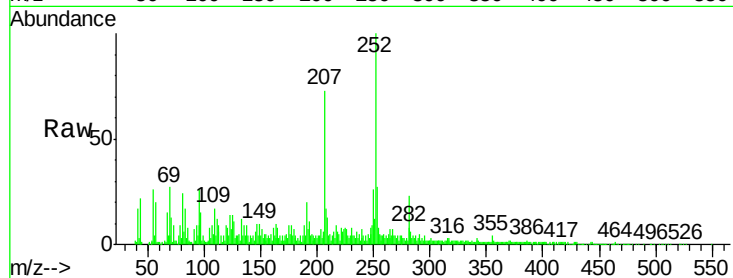
ClientSampleId :

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Tgt Ion:	252	Resp:	219443
Ion Ratio	Lower	Upper	
252	100		
253	26.9	17.2	25.8#
125	14.0	9.0	13.6#

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#91

Indeno(1,2,3-cd)pyrene

Concen: 5.025 ng/ul

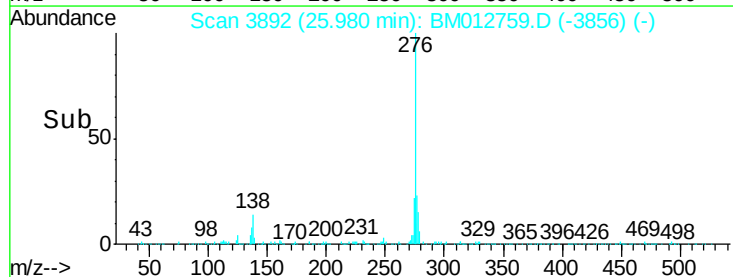
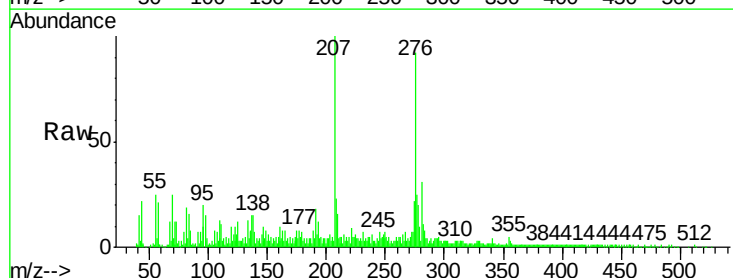
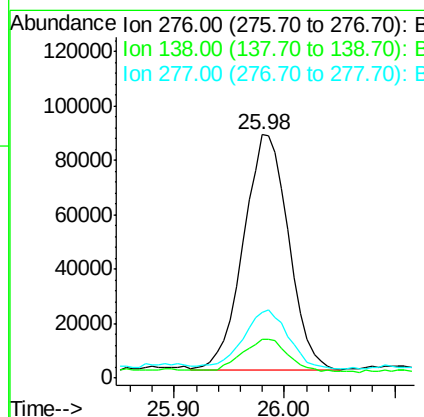
RT: 25.98 min Scan# 3892

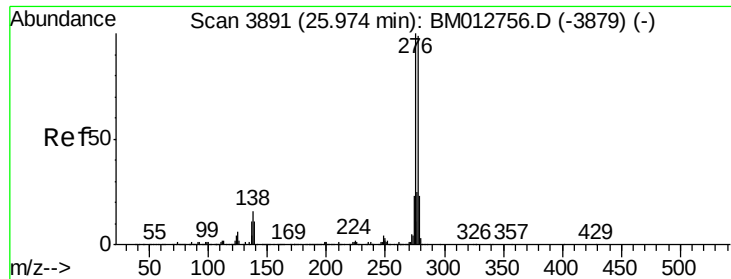
Delta R.T. 0.01 min

Lab File: BM012759.D

Acq: 06 Nov 2017 03:24

Tgt Ion:	276	Resp:	249388
Ion Ratio	Lower	Upper	
276	100		
138	16.1	22.3	33.5#
277	26.8	20.2	30.2





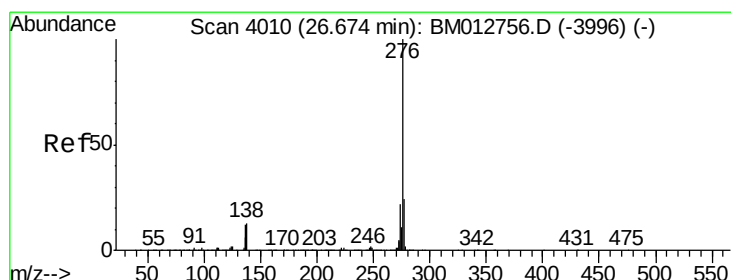
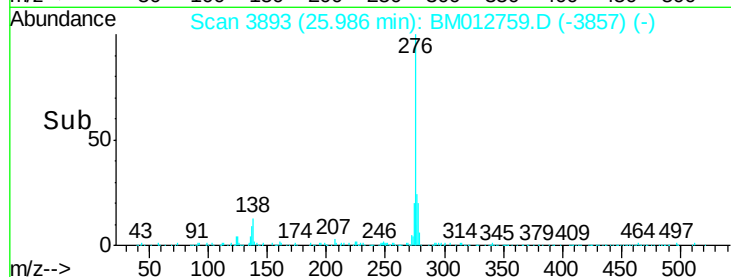
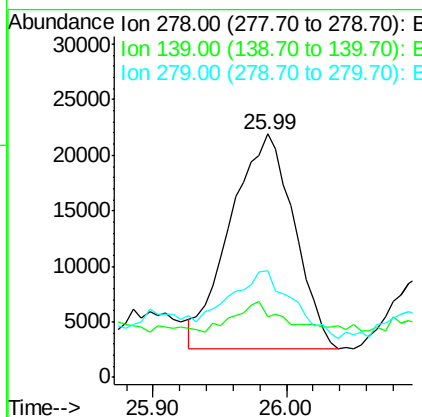
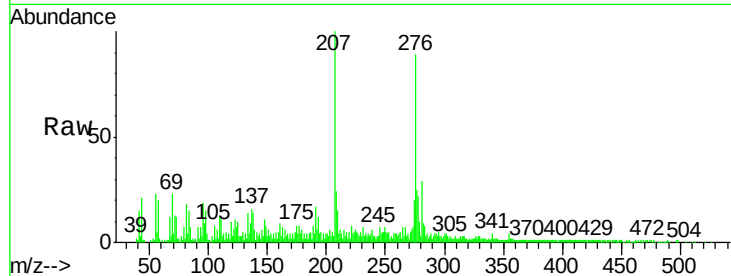
#92
Dibenzo(a,h)anthracene
Concen: 1.529 ng/ul
RT: 25.99 min Scan# 3893
Delta R.T. 0.01 min
Lab File: BM012759.D
Acq: 06 Nov 2017 03:24

Instrument :
BNA_M
ClientSampleId :
B-64(2.5-4.5)-101117

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.1	13.9	20.9#
279	43.9	19.0	28.4#

Manual Integrations
APPROVED

Sohil
11/6/2017 4:28:55 PM



#93
Benzo(g,h,i)perylene
Concen: 6.392 ng/ul
RT: 26.70 min Scan# 4014
Delta R.T. 0.02 min
Lab File: BM012759.D
Acq: 06 Nov 2017 03:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.8	18.9	28.3#
277	25.6	19.2	28.8

