

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
 Data File : BM012834.D
 Acq On : 08 Nov 2017 22:55
 Operator : SJ/JU
 Sample : I6150-08 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-78(5-7)-102517

Manual Integrations
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Quant Time: Nov 09 04:42:36 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 03:48:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	151320	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	603514	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	345892	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	656083	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	644339	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	738506	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	3419	1.22	ng/uL	0.01
5) Phenol-d5	6.98	99	89036	7.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	51043	8.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	77615	8.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	76857	7.91	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	37388	8.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	40257	7.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	83241	7.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	37566	3.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	253463	8.86	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	299843	8.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	24331	5.31	ng/ul	0.02
57) Fluorene-d10	15.43	176	208251	8.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	2028	0.47	ng/ul	0.02
70) Anthracene-d10	17.29	188	287747	9.08	ng/ul	0.00
78) Pyrene-d10	19.58	212	269007	9.00	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	308103	8.82	ng/ul	0.01

Target Compounds

					Qvalue
6) Phenol	7.00	94	77630	6.717	ng/ul 97
16) 4-Methylphenol	8.57	108	292835	30.678	ng/ul 88
28) Naphthalene	10.64	128	95373	3.161	ng/ul 100
44) Dimethylphthalate	13.89	163	80921	2.849	ng/ul# 98
49) Acenaphthene	14.50	153	100031	4.279	ng/ul 98
53) Dibenzofuran	14.84	168	53695	1.575	ng/ul 100
58) Fluorene	15.49	166	108363	3.826	ng/ul 99
69) Phenanthrene	17.23	178	998663	27.849	ng/ul 99
71) Anthracene	17.32	178	216415	5.821	ng/ul 99
74) Carbazole	17.59	167	52389	1.689	ng/ul 92
76) Fluoranthene	19.24	202	1421680	32.991	ng/ul 95
79) Pyrene	19.61	202	1314003	34.180	ng/ul# 93
82) Benzo(a)anthracene	21.36	228	652858	16.744	ng/ul 97
84) Chrysene	21.40	228	636890m	18.024	ng/ul
87) Benzo(b)fluoranthene	22.97	252	839334	18.598	ng/ul 96
88) Benzo(k)fluoranthene	23.01	252	267342m	6.232	ng/ul
90) Benzo(a)pyrene	23.56	252	637051	14.834	ng/ul 95
91) Indeno(1,2,3-cd)pyrene	25.97	276	439687	8.495	ng/ul# 88
92) Dibenzo(a,h)anthracene	25.97	278	120062	2.740	ng/ul# 85
93) Benzo(g,h,i)perylene	26.69	276	388943	9.120	ng/ul# 89

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

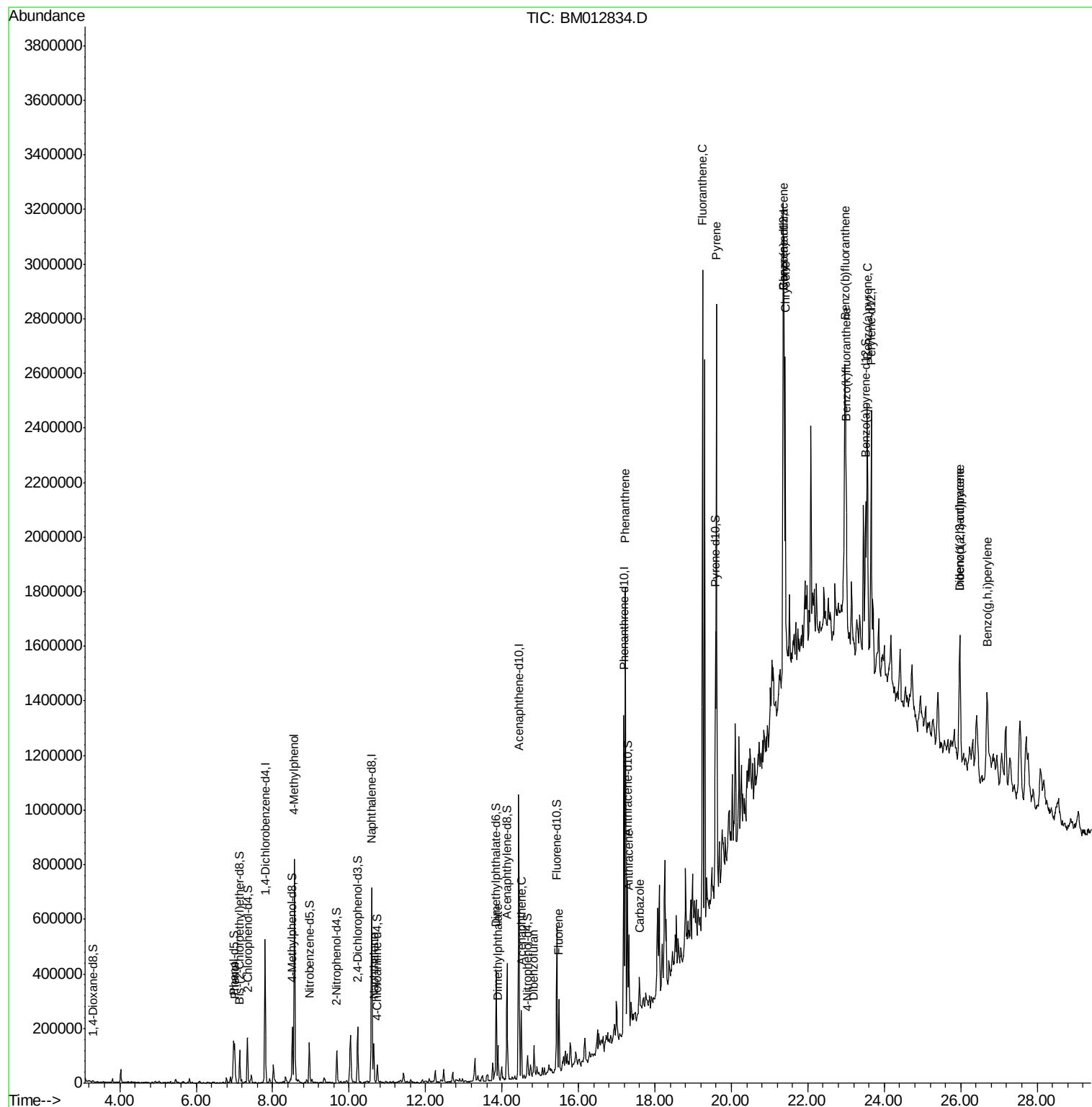
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012834.D
Acq On : 08 Nov 2017 22:55
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Sample : I6150-08 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

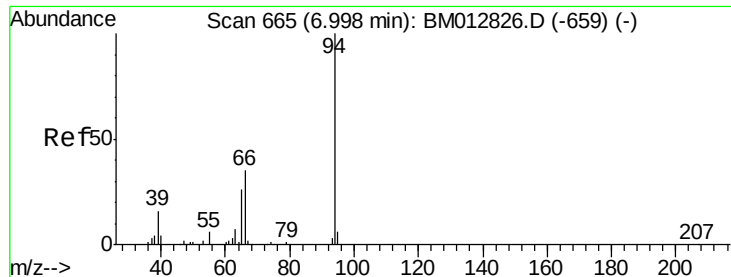
Instrument :
BNA_M
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B-78(5-7)-102517

Quant Time: Nov 09 04:42:36 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
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#6

Phenol

Concen: 6.717 ng/ul

RT: 7.00 min Scan# 666

Delta R.T. 0.01 min

Lab File: BM012834.D

Acq: 08 Nov 2017 22:55

Instrument :

BNA_M

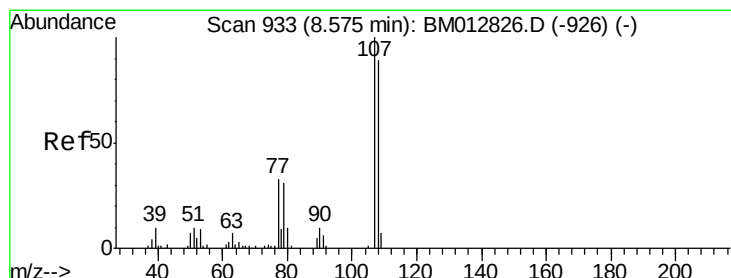
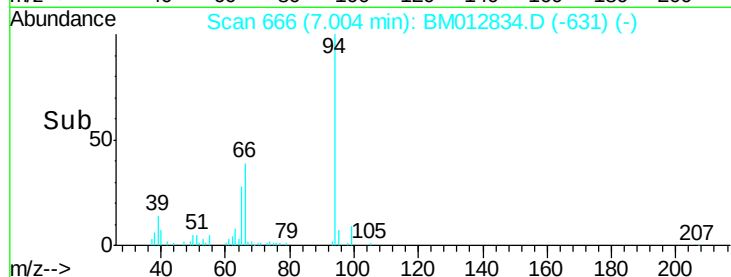
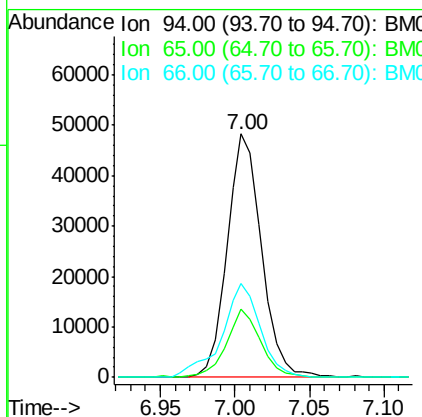
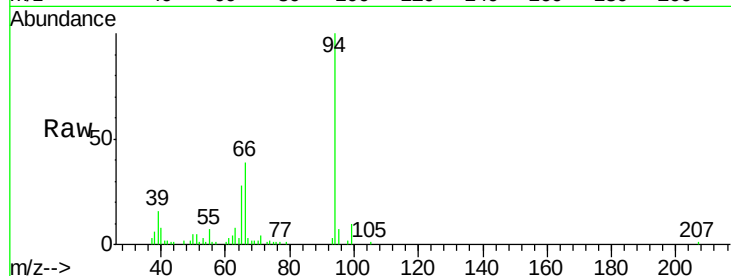
ClientSampleId :

B-78(5-7)-102517

Tgt Ion:	94	Resp:	77630
Ion	Ratio	Lower	Upper
94	100		
65	27.9	21.0	31.6
66	38.7	29.3	43.9

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#16

4-Methylphenol

Concen: 30.678 ng/ul

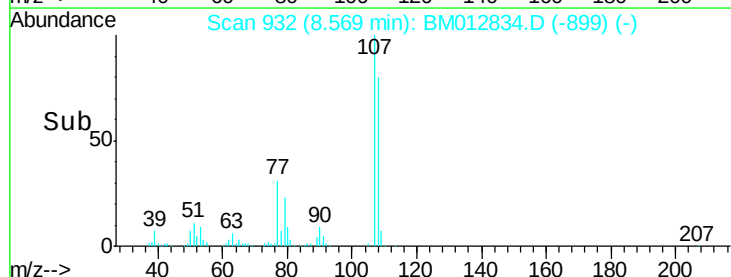
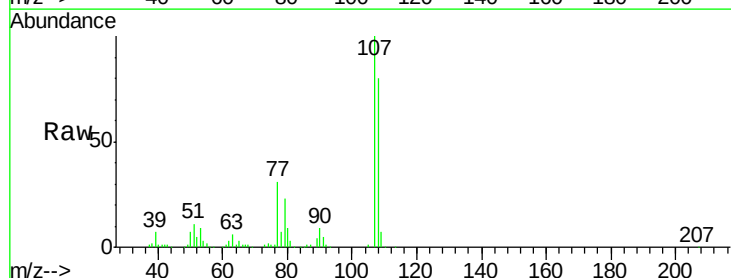
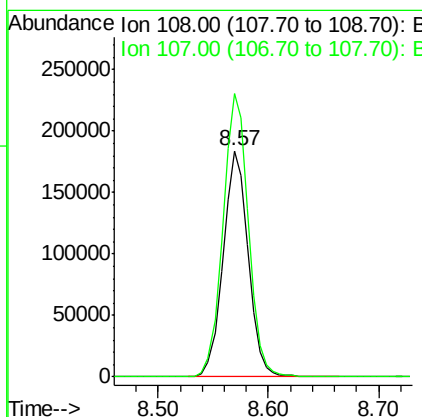
RT: 8.57 min Scan# 932

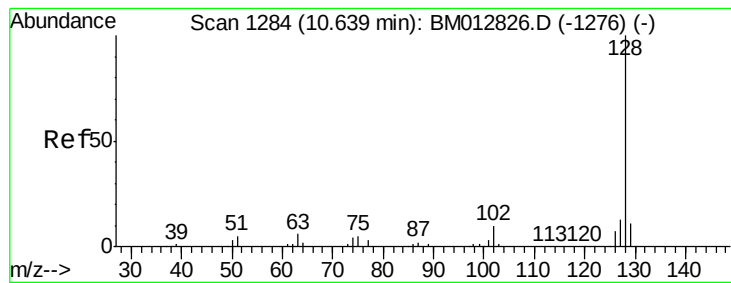
Delta R.T. -0.01 min

Lab File: BM012834.D

Acq: 08 Nov 2017 22:55

Tgt Ion:	108	Resp:	292835
Ion	Ratio	Lower	Upper
108	100		
107	125.3	90.3	135.5





#28

Naphthalene

Concen: 3.161 ng/ul

RT: 10.64 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BM012834.D

Acq: 08 Nov 2017 22:55

Instrument :

BNA_M

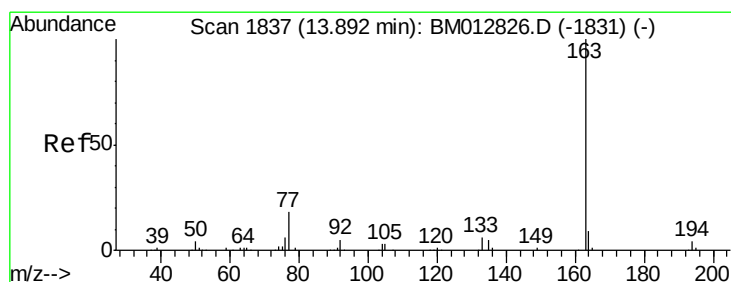
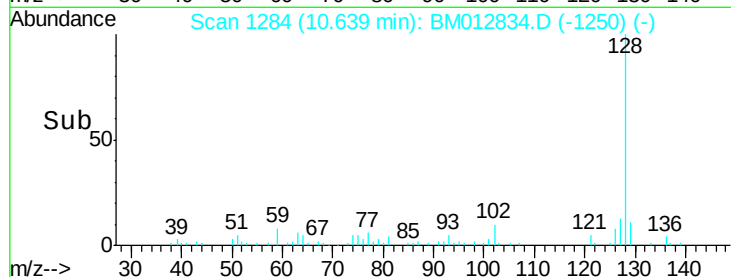
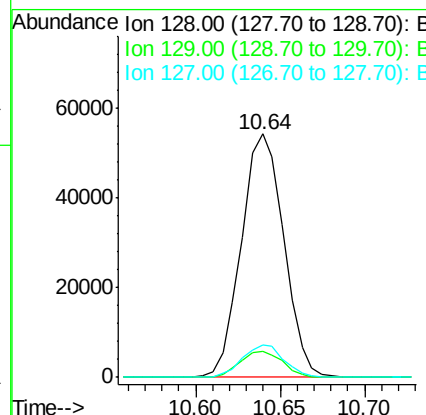
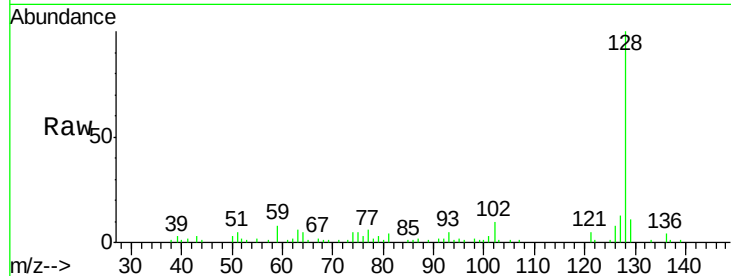
ClientSampleId :

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Tgt Ion:	128	Resp:	95373
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.8	13.2
127	13.3	10.5	15.7

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#44

Dimethylphthalate

Concen: 2.849 ng/ul

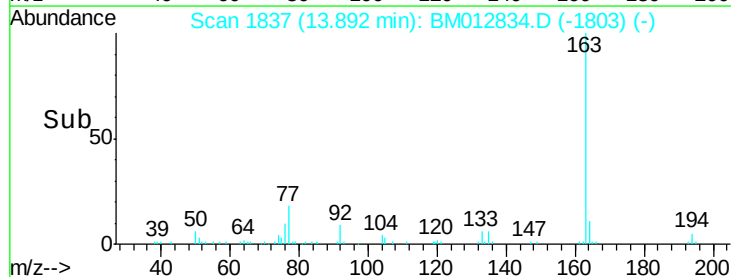
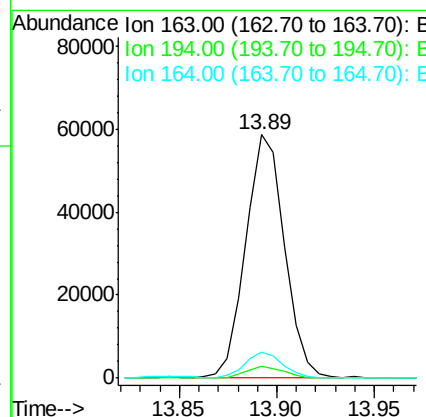
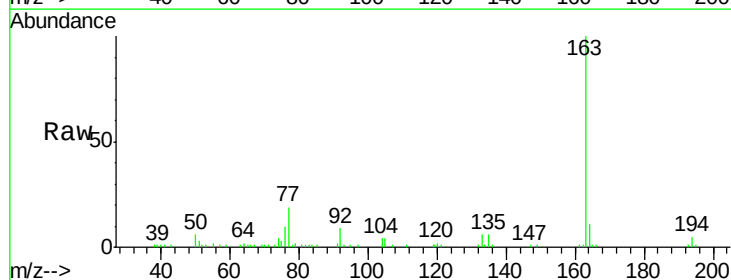
RT: 13.89 min Scan# 1837

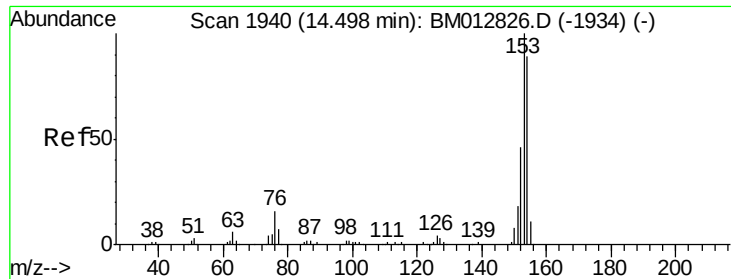
Delta R.T. 0.00 min

Lab File: BM012834.D

Acq: 08 Nov 2017 22:55

Tgt Ion:	163	Resp:	80921
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.2	4.8#
164	10.5	7.8	11.8





#49

Acenaphthene

Concen: 4.279 ng/ul

RT: 14.50 min Scan# 1941

Delta R.T. 0.01 min

Lab File: BM012834.D

Acq: 08 Nov 2017 22:55

Instrument :

BNA_M

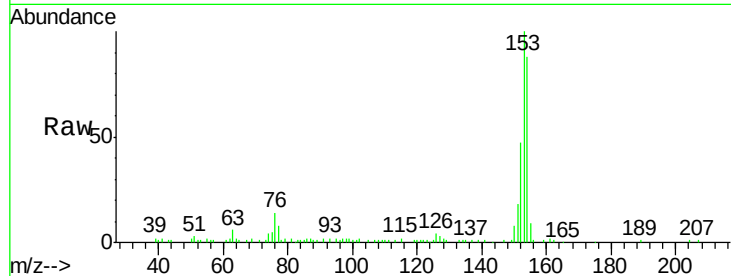
ClientSampleId :

B-78(5-7)-102517

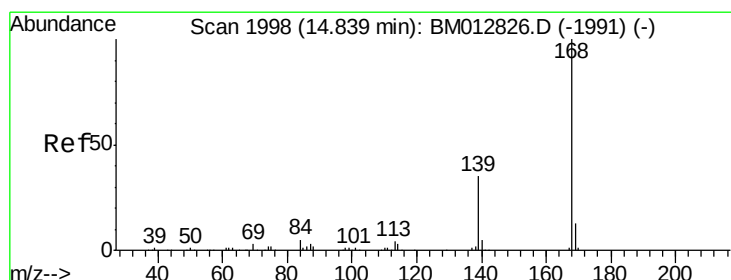
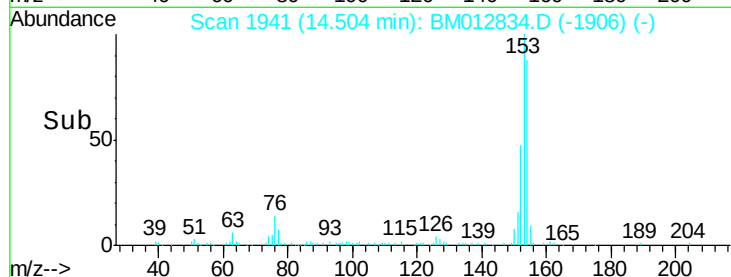
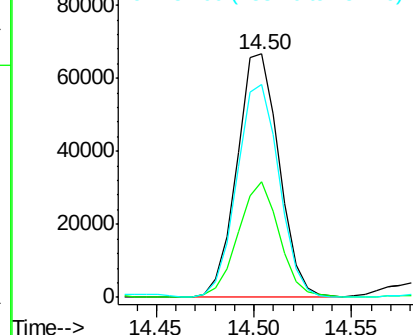
Tgt Ion:	153	Resp:	100031
Ion Ratio	Lower	Upper	
153	100		
152	47.4	38.3	57.5
154	87.7	71.8	107.8

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 1.575 ng/ul

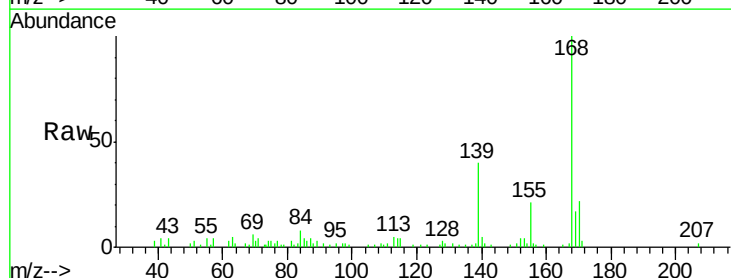
RT: 14.84 min Scan# 1998

Delta R.T. 0.00 min

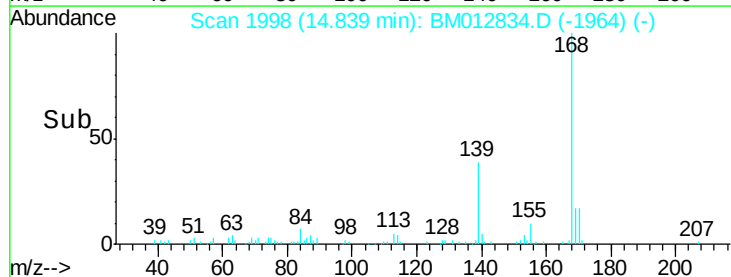
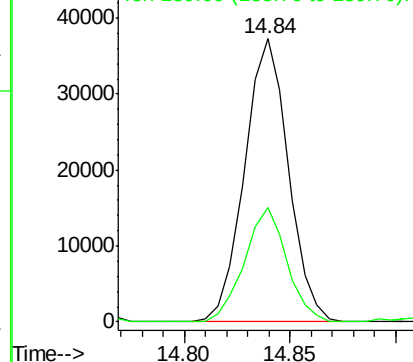
Lab File: BM012834.D

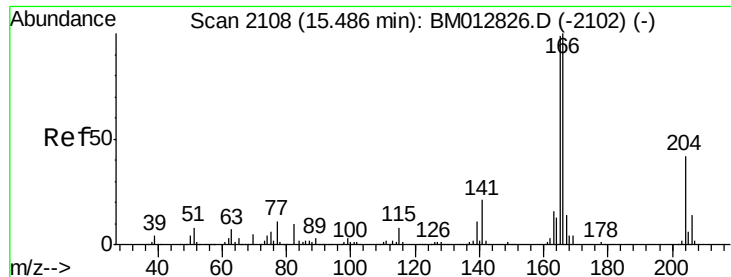
Acq: 08 Nov 2017 22:55

Tgt Ion:	168	Resp:	53695
Ion Ratio	Lower	Upper	
168	100		
139	40.5	32.2	48.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





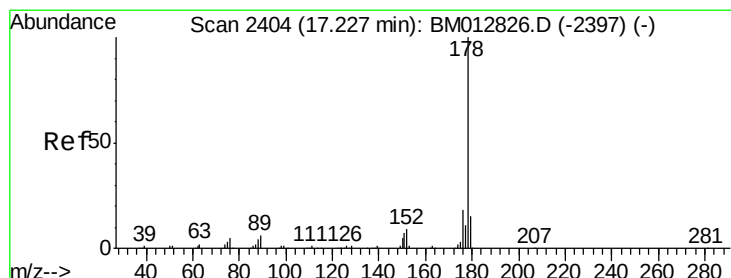
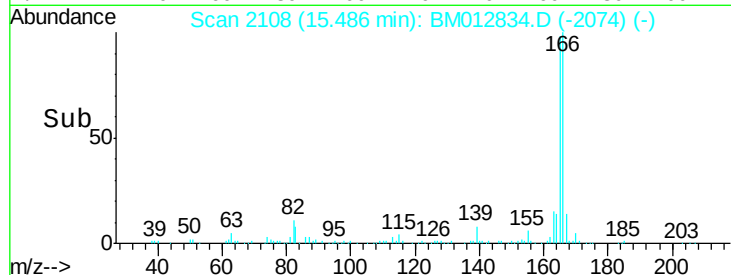
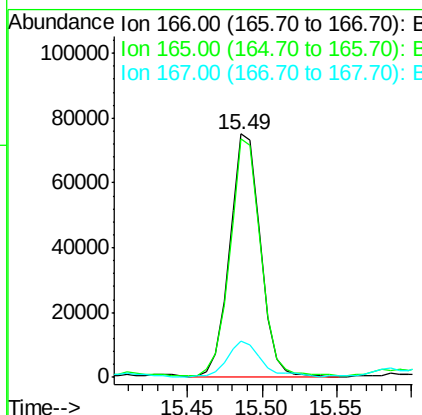
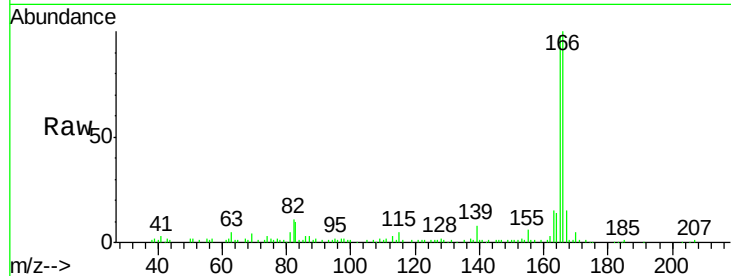
#58
 Fluorene
 Concen: 3.826 ng/ul
 RT: 15.49 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: BM012834.D
 Acq: 08 Nov 2017 22:55

Instrument :
 BNA_M
 ClientSampleId :
 B-78(5-7)-102517

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	108363		
165	97.8	78.5	117.7	
167	14.9	10.7	16.1	

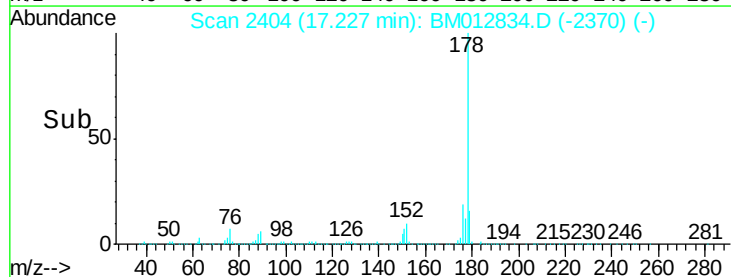
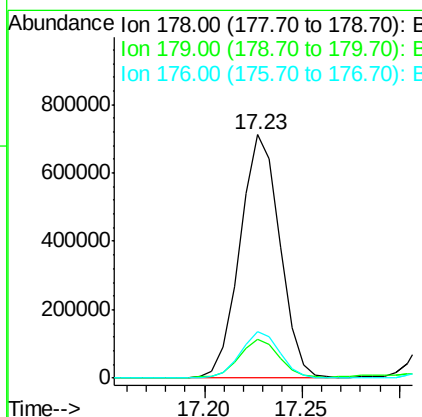
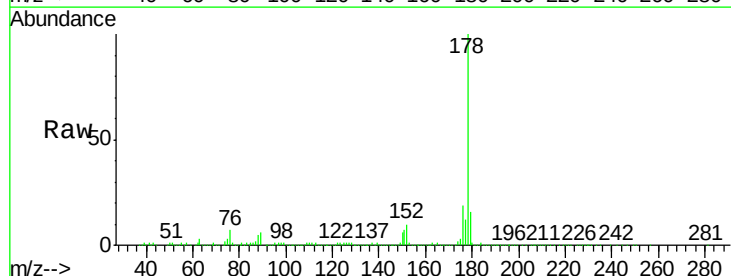
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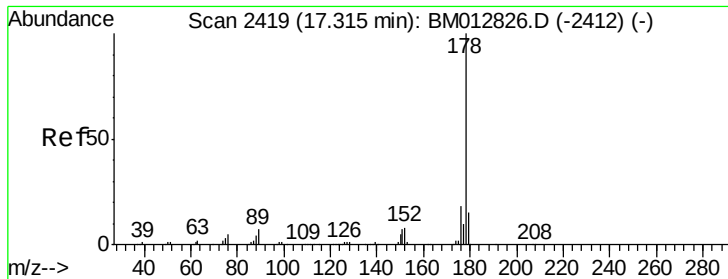
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#69
 Phenanthrene
 Concen: 27.849 ng/ul
 RT: 17.23 min Scan# 2404
 Delta R.T. 0.00 min
 Lab File: BM012834.D
 Acq: 08 Nov 2017 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	998663		
179	15.7	12.2	18.4	
176	19.0	15.6	23.4	





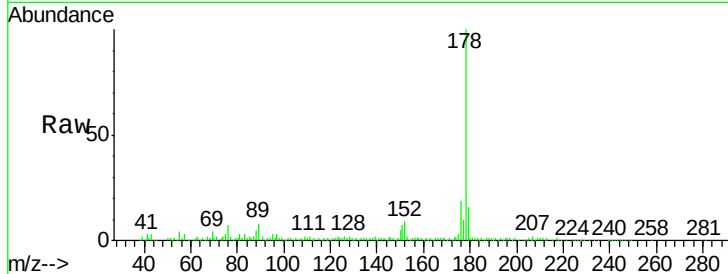
#71
 Anthracene
 Concen: 5.821 ng/ul
 RT: 17.32 min Scan# 2420
 Delta R.T. 0.01 min
 Lab File: BM012834.D
 Acq: 08 Nov 2017 22:55

Instrument :
 BNA_M
 ClientSampleId :
 B-78(5-7)-102517

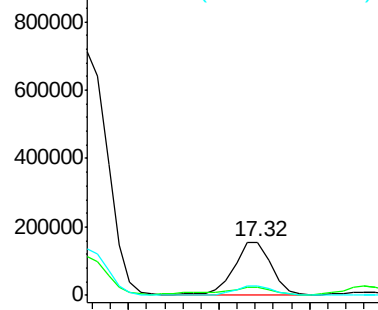
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	216415		
179	15.6	12.1	18.1	
176	18.6	14.8	22.2	

Manual Integrations
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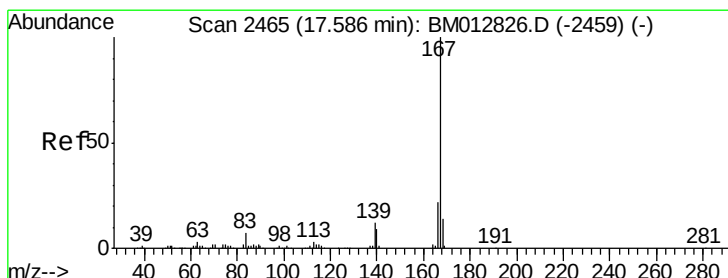
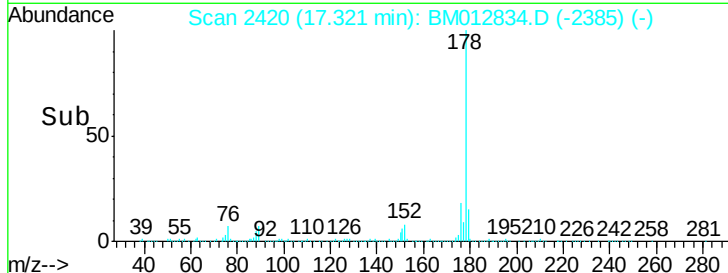
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Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

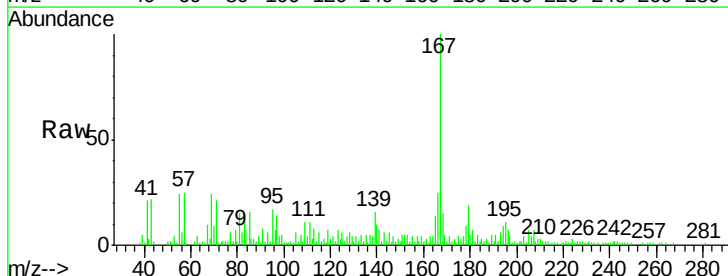


Time-->

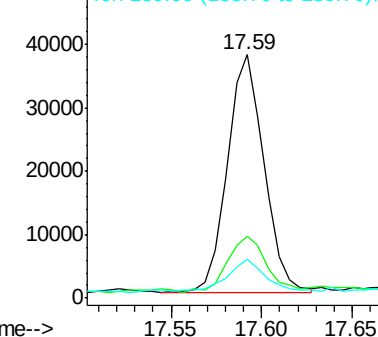


#74
 Carbazole
 Concen: 1.689 ng/ul
 RT: 17.59 min Scan# 2466
 Delta R.T. 0.01 min
 Lab File: BM012834.D
 Acq: 08 Nov 2017 22:55

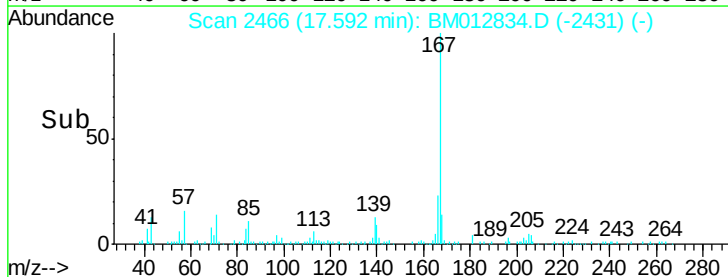
Tgt Ion	Ratio	Resp	Lower	Upper
167	100	52389		
166	25.4	17.0	25.6	
139	16.1	11.0	16.4	

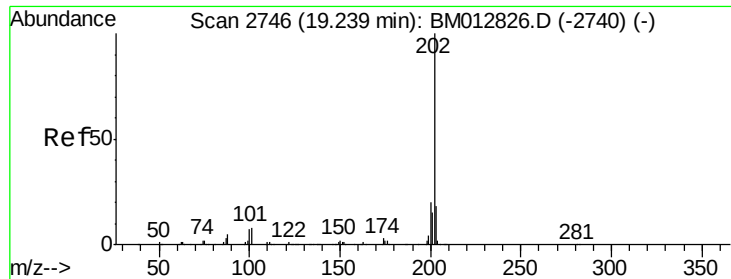


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time-->





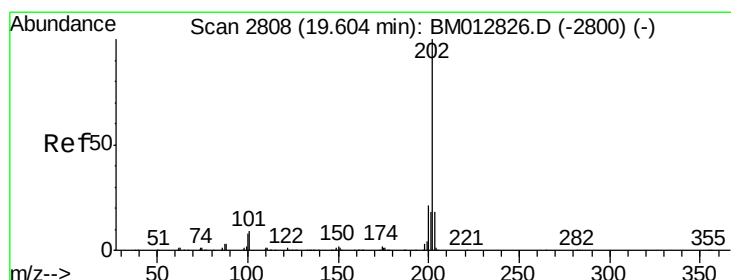
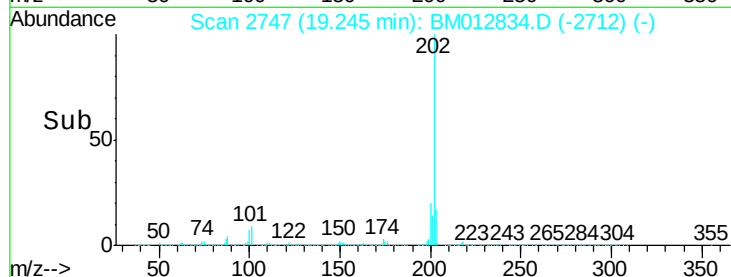
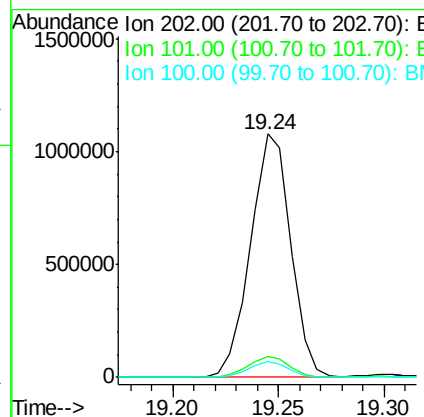
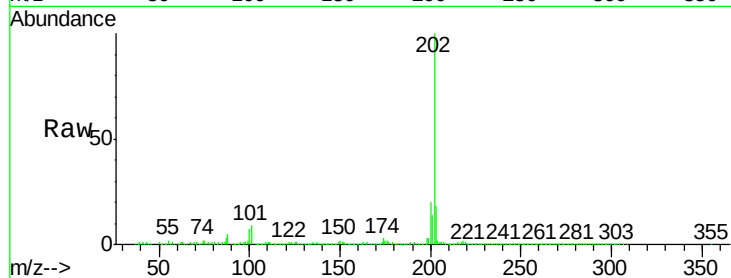
#76
Fluoranthene
Concen: 32.991 ng/ul
RT: 19.24 min Scan# 2747
Delta R.T. 0.01 min
Lab File: BM012834.D
Acq: 08 Nov 2017 22:55

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1421680		
101	8.8	8.8	13.2	
100	6.7	6.6	9.8	

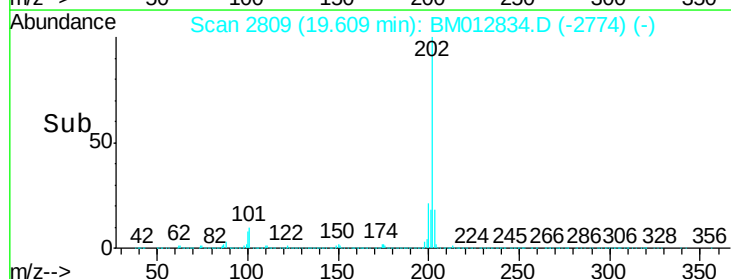
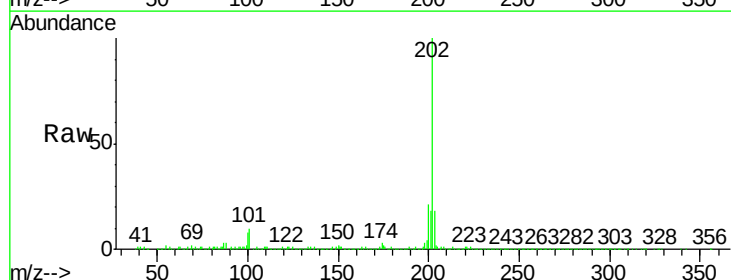
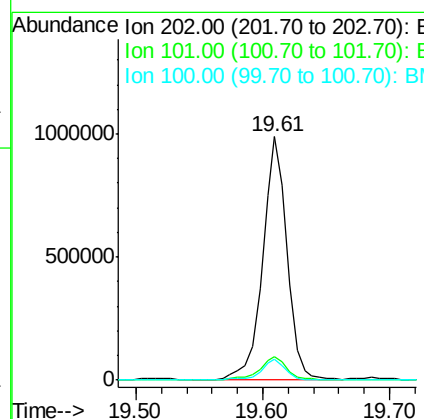
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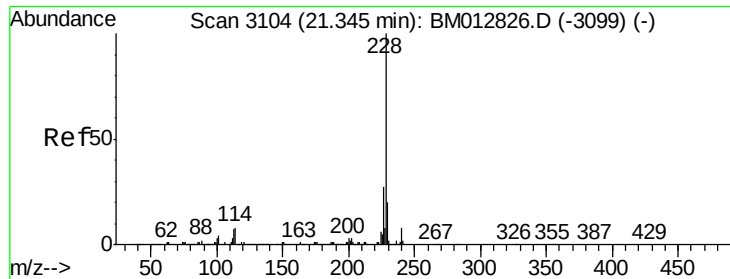
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#79
Pyrene
Concen: 34.180 ng/ul
RT: 19.61 min Scan# 2809
Delta R.T. 0.01 min
Lab File: BM012834.D
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1314003		
101	9.7	10.2	15.2#	
100	8.4	8.5	12.7#	





#82

Benzo(a)anthracene

Concen: 16.744 ng/ul

RT: 21.36 min Scan# 3106

Delta R.T. 0.01 min

Lab File: BM012834.D

Acq: 08 Nov 2017 22:55

Instrument :

BNA_M

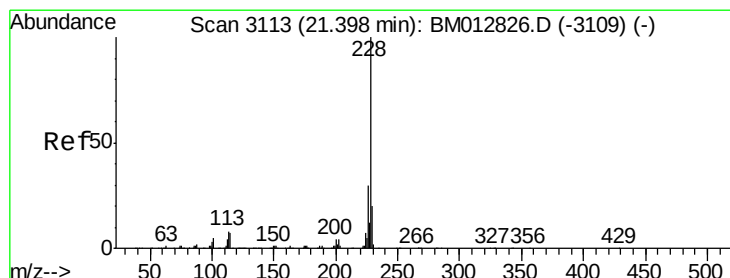
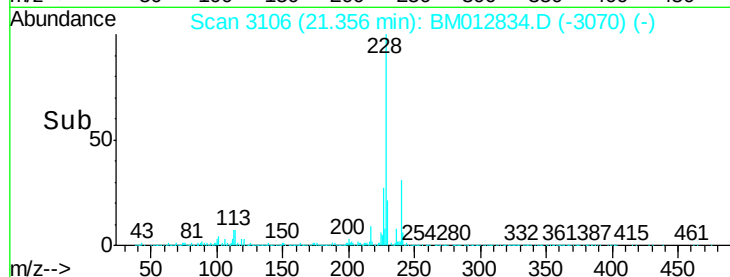
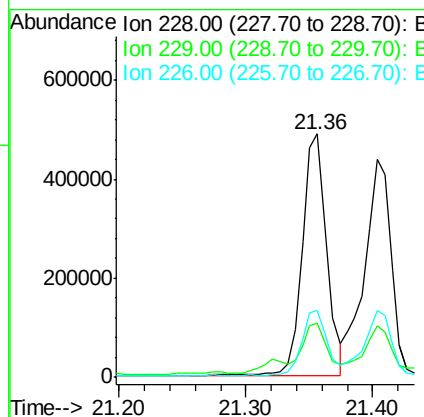
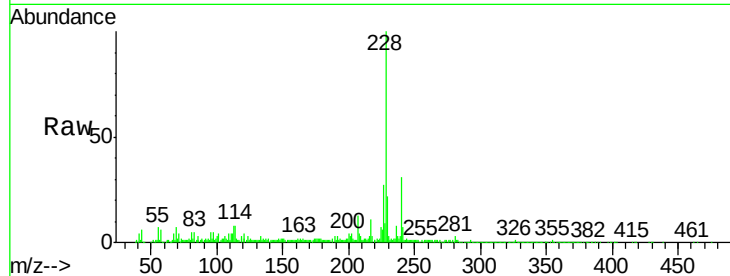
ClientSampleId :

B-78(5-7)-102517

Tgt	Ion:228	Resp:	652858
Ion	Ratio	Lower	Upper
228	100		
229	22.5	15.7	23.5
226	27.3	21.8	32.6

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#84

Chrysene

Concen: 18.024 ng/ul m

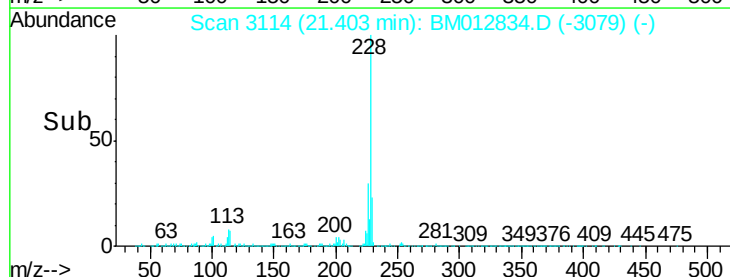
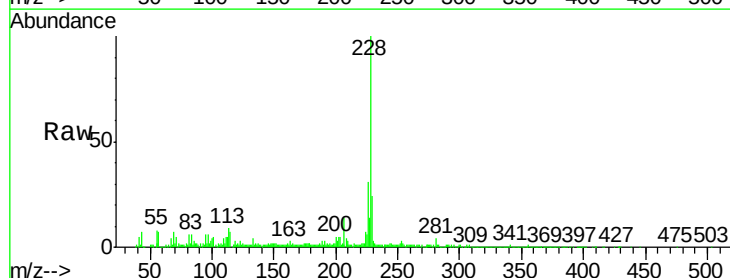
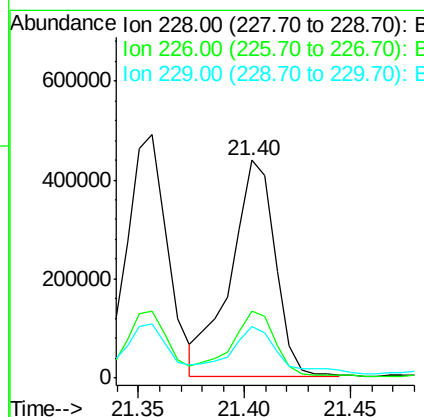
RT: 21.40 min Scan# 3114

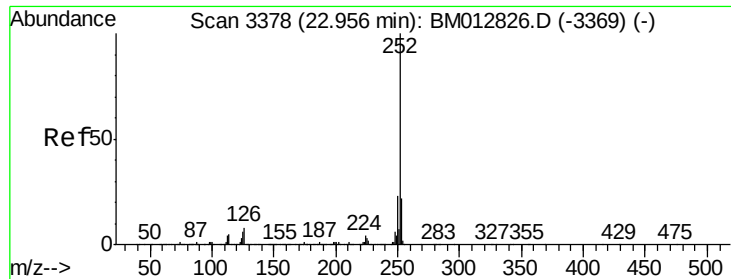
Delta R.T. 0.01 min

Lab File: BM012834.D

Acq: 08 Nov 2017 22:55

Tgt	Ion:228	Resp:	636890
Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.0	36.0
229	24.0	15.6	23.4#





#87

Benzo(b)fluoranthene

Concen: 18.598 ng/ul

RT: 22.97 min Scan# 3380

Delta R.T. 0.01 min

Lab File: BM012834.D

Acq: 08 Nov 2017 22:55

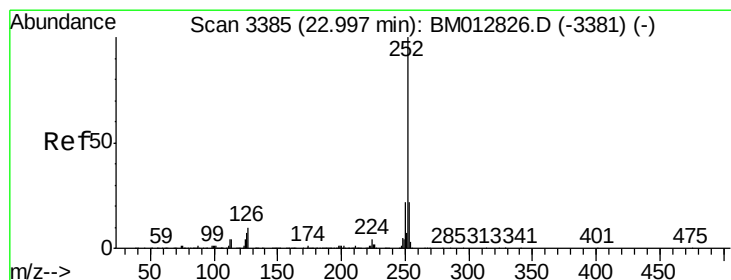
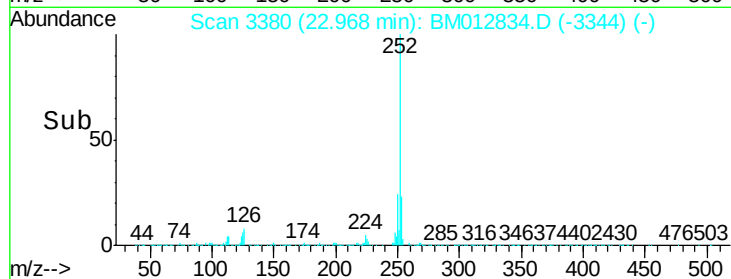
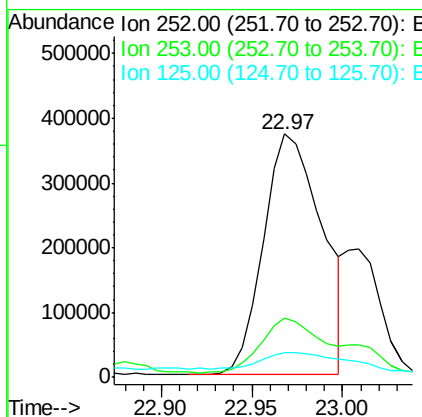
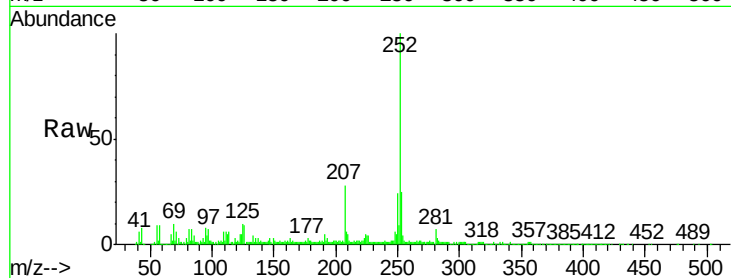
Instrument :
BNA_M

ClientSampleId :
B-78(5-7)-102517

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.6	17.5	26.3
125	9.9	8.5	12.7

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#88

Benzo(k)fluoranthene

Concen: 6.232 ng/ul m

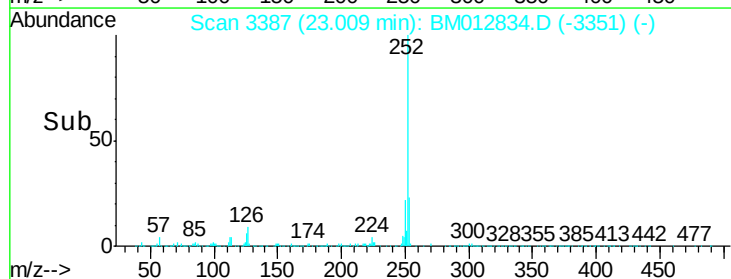
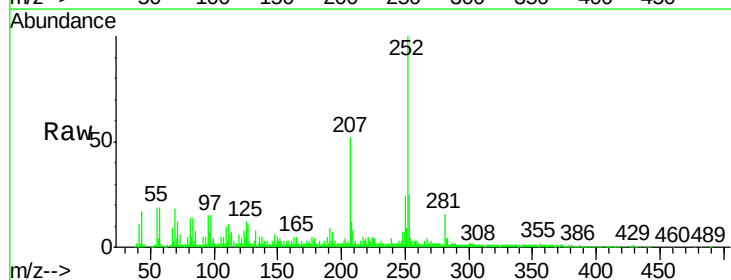
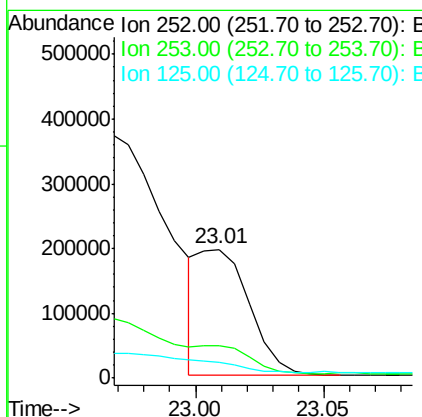
RT: 23.01 min Scan# 3387

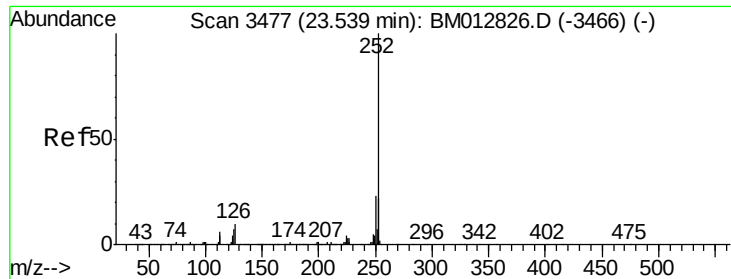
Delta R.T. 0.01 min

Lab File: BM012834.D

Acq: 08 Nov 2017 22:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	25.5	17.3	25.9
125	12.3	8.2	12.2





#90

Benzo(a)pyrene

Concen: 14.834 ng/ul

RT: 23.56 min Scan# 3480

Delta R.T. 0.02 min

Lab File: BM012834.D

Acq: 08 Nov 2017 22:55

Instrument :

BNA_M

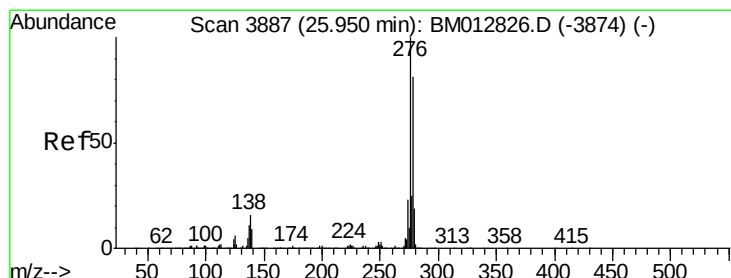
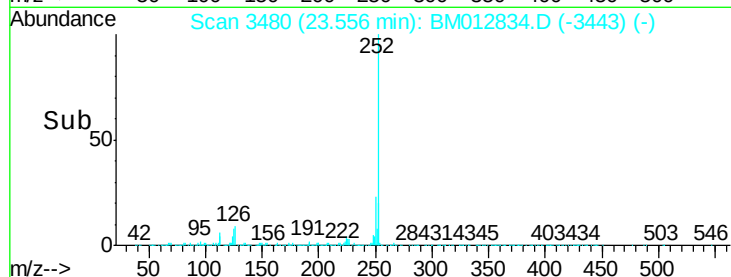
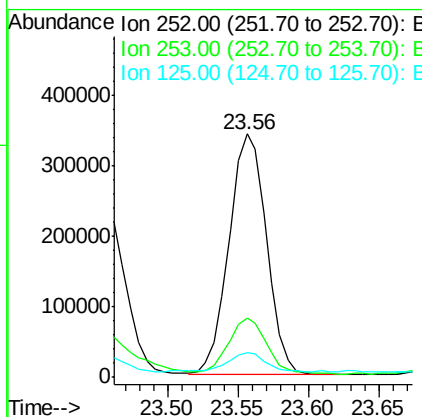
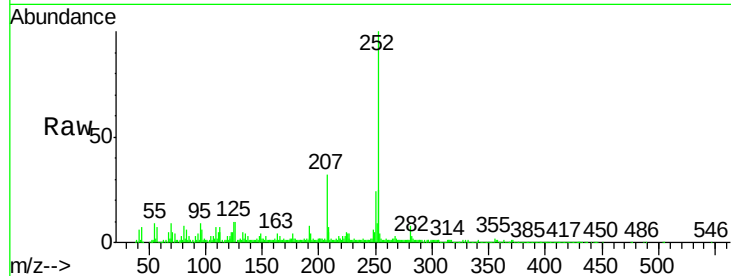
ClientSampleId :

B-78(5-7)-102517

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	637051		
253	24.6	17.2	25.8	
125	10.1	9.0	13.6	

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#91

Indeno(1,2,3-cd)pyrene

Concen: 8.495 ng/ul

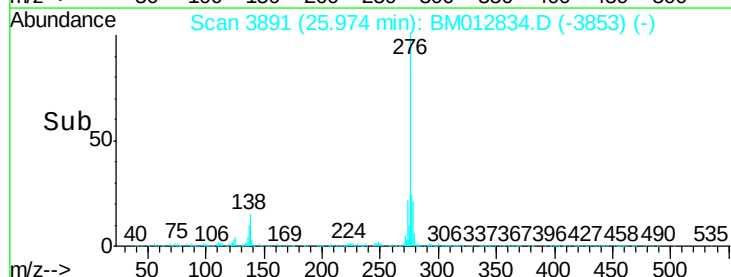
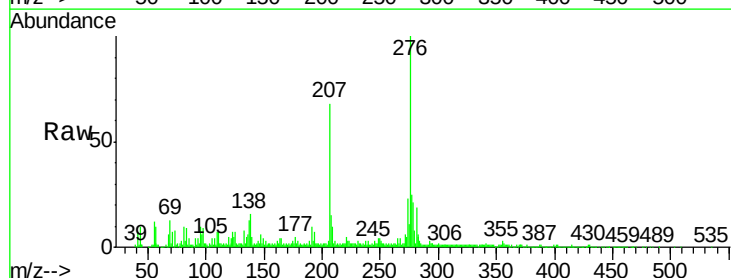
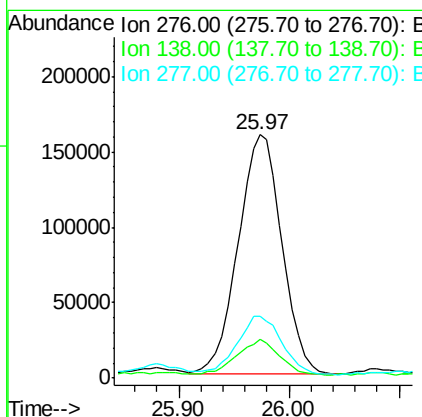
RT: 25.97 min Scan# 3891

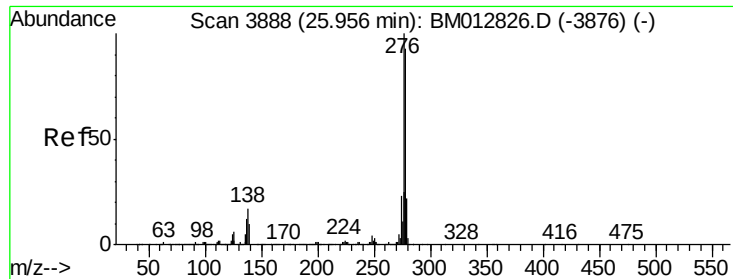
Delta R.T. 0.02 min

Lab File: BM012834.D

Acq: 08 Nov 2017 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	439687		
138	15.8	22.3	33.5#	
277	25.2	20.2	30.2	





#92

Dibenzo(a,h)anthracene

Concen: 2.740 ng/ul

RT: 25.97 min Scan# 3890

Delta R.T. 0.01 min

Lab File: BM012834.D

Acq: 08 Nov 2017 22:55

Instrument :

BNA_M

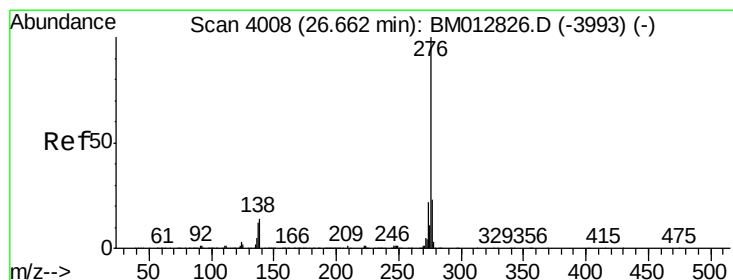
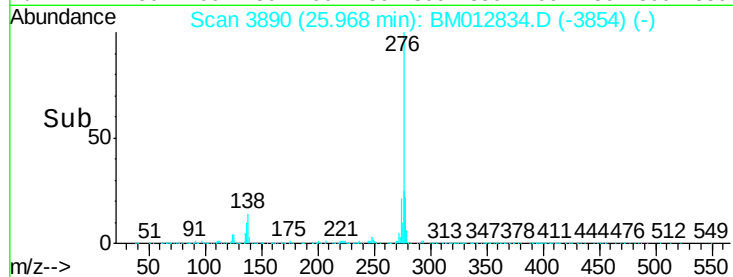
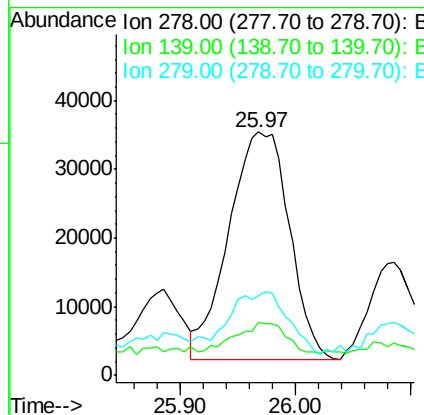
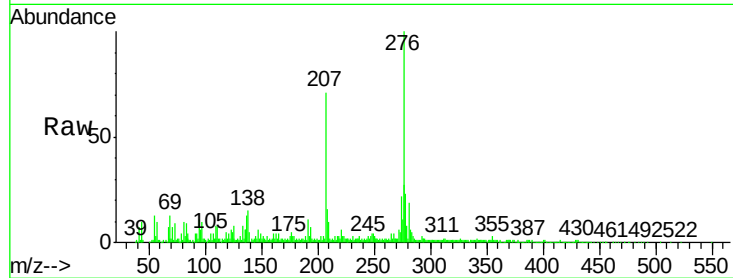
ClientSampleId :

B-78(5-7)-102517

Tgt Ion:	278	Resp:	120062
Ion Ratio	Lower	Upper	
278	100		
139	21.9	13.9	20.9#
279	33.0	19.0	28.4#

Manual Integrations
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11/9/2017 3:48:49 PM



#93

Benzo(g,h,i)perylene

Concen: 9.120 ng/ul

RT: 26.69 min Scan# 4013

Delta R.T. 0.03 min

Lab File: BM012834.D

Acq: 08 Nov 2017 22:55

Tgt Ion:	276	Resp:	388943
Ion Ratio	Lower	Upper	
276	100		
138	15.3	18.9	28.3#
277	26.6	19.2	28.8

