

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
 Data File : BM012835.D
 Acq On : 08 Nov 2017 23:30
 Operator : SJ/JU
 Sample : I6150-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-78(0.5-1.5)-102517

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:48:53 PM

Quant Time: Nov 09 04:47:50 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	150415	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	626980	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	369689	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	759170	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	654271	20.00	ng/ul	0.00
85) Perylene-d12	23.65	264	724284	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	10861	3.90	ng/uL	0.00
5) Phenol-d5	6.98	99	251403	22.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	146327	24.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	221416	23.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	204693	21.19	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	111368	24.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	125521	23.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	242085	22.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	226808	21.63	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	763396	24.95	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	904183	23.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	84908	17.32	ng/ul	0.01
57) Fluorene-d10	15.43	176	637309	24.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	19625	3.92	ng/ul	0.01
70) Anthracene-d10	17.29	188	904901	24.67	ng/ul	0.00
78) Pyrene-d10	19.58	212	828430	27.29	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	861357	25.15	ng/ul	0.01

Target Compounds

					Qvalue	
6) Phenol	7.00	94	26305	2.290	ng/ul#	87
44) Dimethylphthalate	13.89	163	198321	6.533	ng/ul	98
49) Acenaphthene	14.50	153	38061	1.523	ng/ul	98
69) Phenanthrene	17.23	178	596604	14.378	ng/ul	99
71) Anthracene	17.32	178	159728	3.713	ng/ul	97
74) Carbazole	17.59	167	46913	1.307	ng/ul	96
76) Fluoranthene	19.24	202	1013028	20.316	ng/ul#	94
79) Pyrene	19.61	202	821980	21.057	ng/ul#	93
82) Benzo(a)anthracene	21.35	228	532879	13.460	ng/ul	98
84) Chrysene	21.40	228	464560	12.947	ng/ul	97
87) Benzo(b)fluoranthene	22.97	252	694303	15.686	ng/ul	97
88) Benzo(k)fluoranthene	23.00	252	201006m	4.778	ng/ul	
90) Benzo(a)pyrene	23.56	252	480917m	11.419	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.97	276	340515	6.708	ng/ul#	86
92) Dibenzo(a,h)anthracene	25.97	278	97959	2.280	ng/ul#	93
93) Benzo(g,h,i)perylene	26.68	276	266618	6.374	ng/ul#	89

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

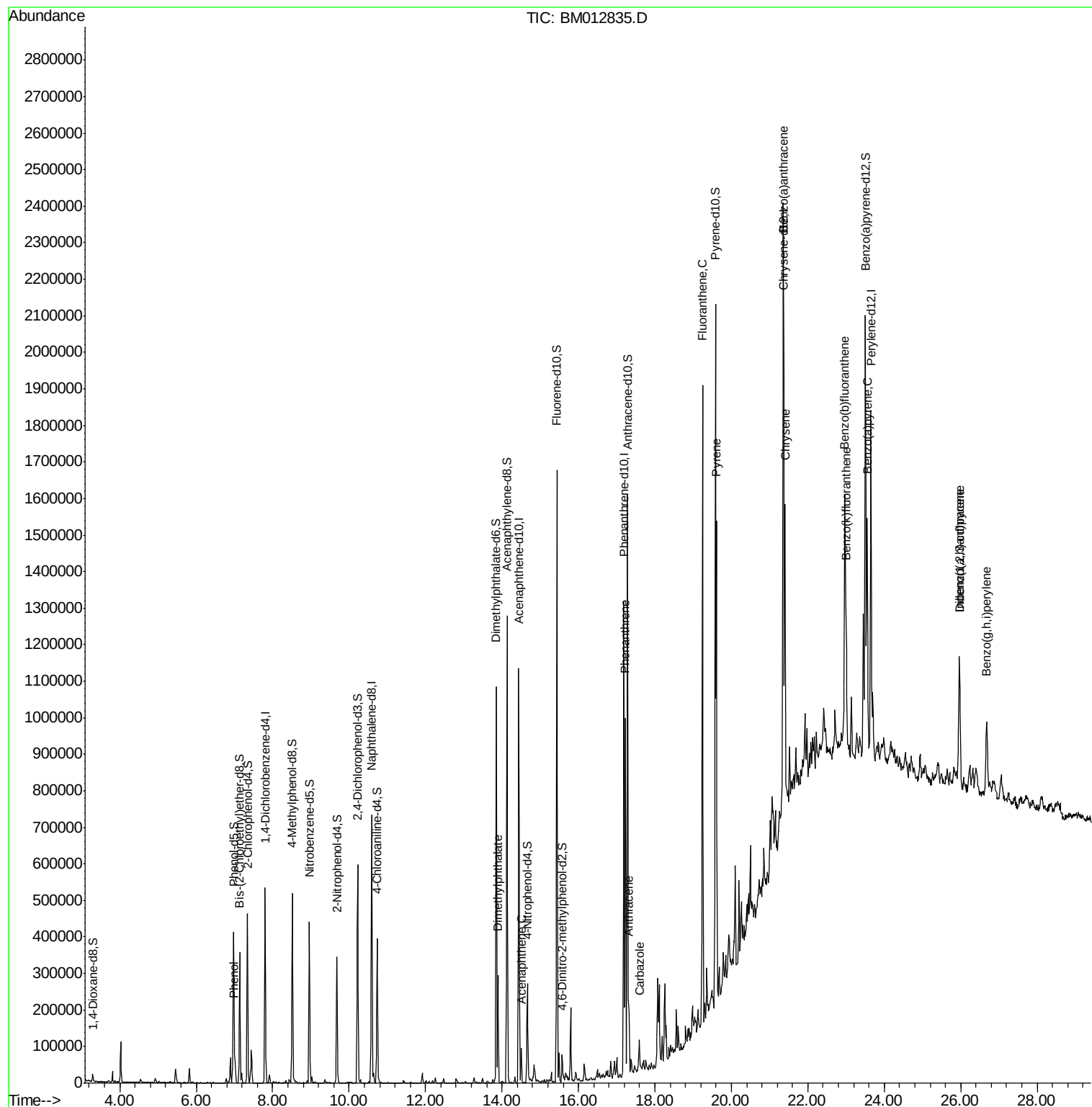
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012835.D
Acq On : 08 Nov 2017 23:30
Operator : SJ/JU
Sample : I6150-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

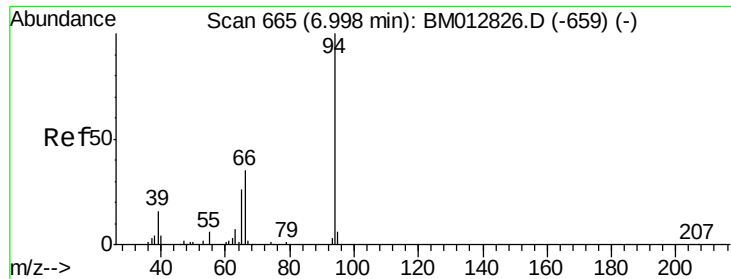
Instrument :
BNA_M
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B-78(0.5-1.5)-102517

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 03:48:55 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.290 ng/ul

RT: 7.00 min Scan# 666

Delta R.T. 0.01 min

Lab File: BM012835.D

Acq: 08 Nov 2017 23:30

Instrument :

BNA_M

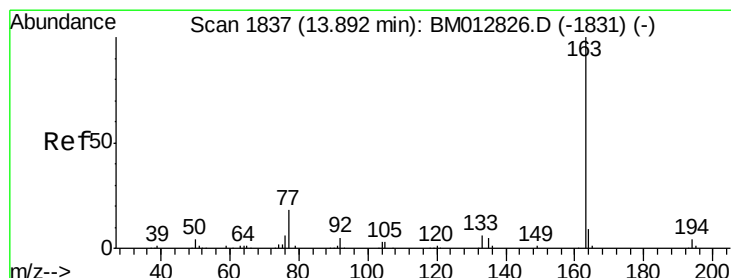
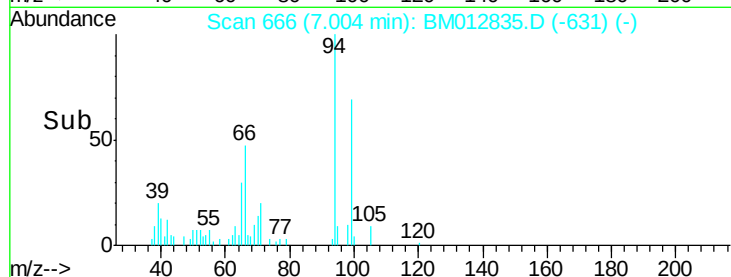
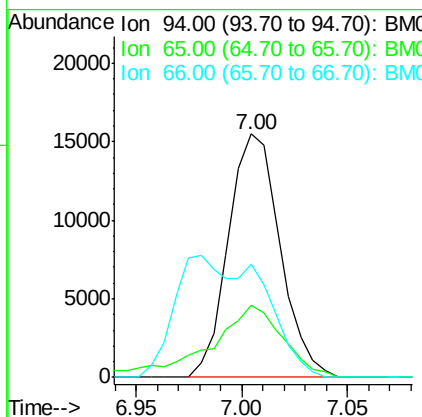
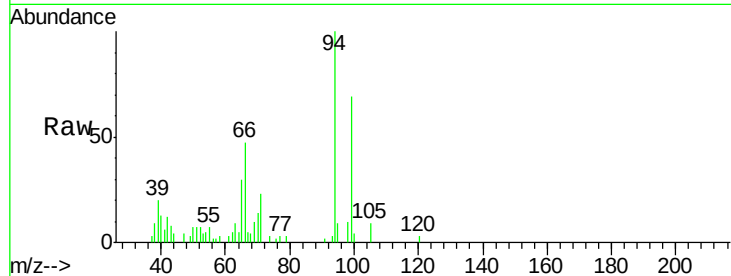
ClientSampleId :

B-78(0.5-1.5)-102517

Tgt Ion:	94	Resp:	26305
Ion Ratio	Lower	Upper	
94	100		
65	29.7	21.0	31.6
66	46.7	29.3	43.9#

Manual Integrations
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#44

Dimethylphthalate

Concen: 6.533 ng/ul

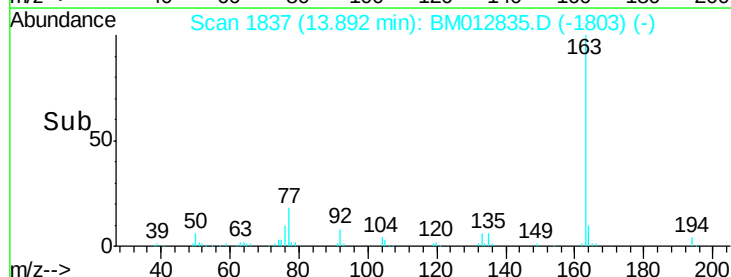
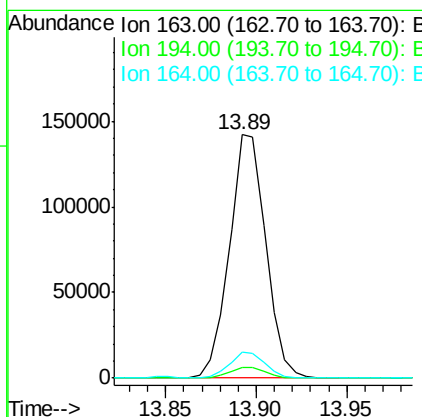
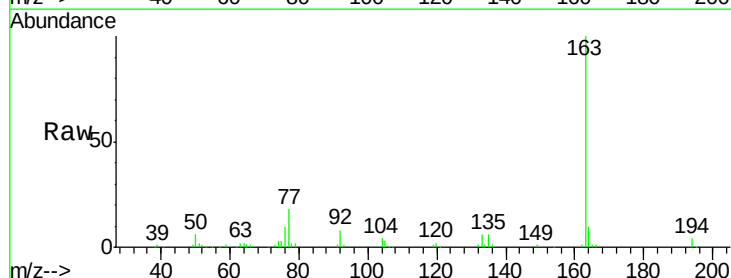
RT: 13.89 min Scan# 1837

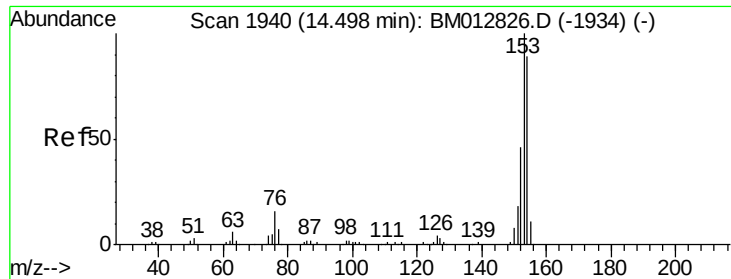
Delta R.T. 0.00 min

Lab File: BM012835.D

Acq: 08 Nov 2017 23:30

Tgt Ion:	163	Resp:	198321
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.2	4.8
164	10.5	7.8	11.8





#49

Acenaphthene

Concen: 1.523 ng/ul

RT: 14.50 min Scan# 1941

Delta R.T. 0.01 min

Lab File: BM012835.D

Acq: 08 Nov 2017 23:30

Instrument :

BNA_M

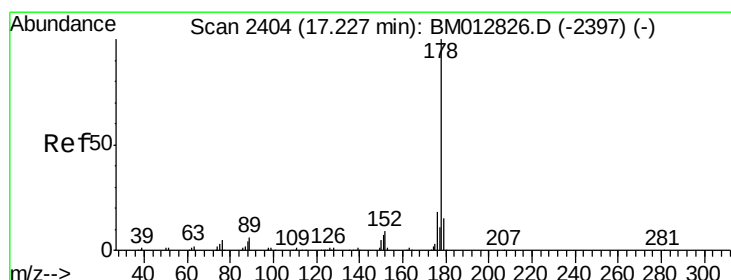
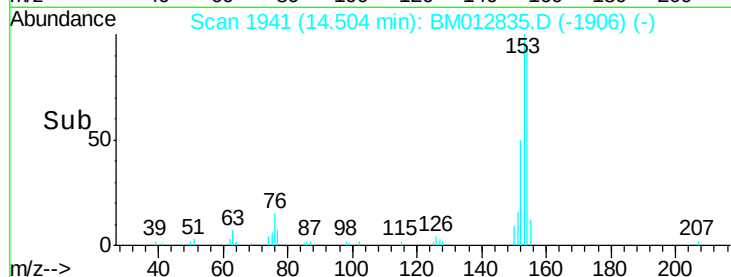
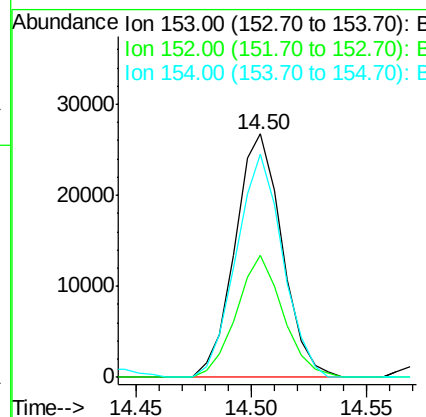
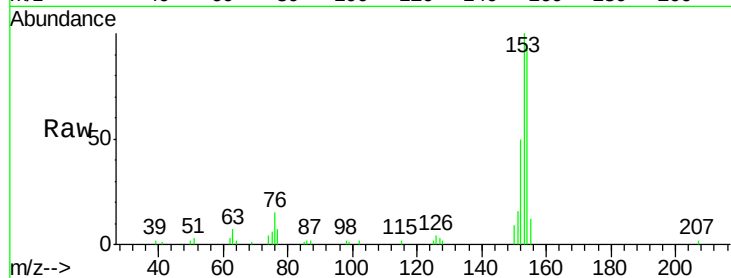
ClientSampleId :

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Tgt Ion:	153	Resp:	38061
Ion Ratio	Lower	Upper	
153	100		
152	50.0	38.3	57.5
154	91.6	71.8	107.8

Manual Integrations
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#69

Phenanthrene

Concen: 14.378 ng/ul

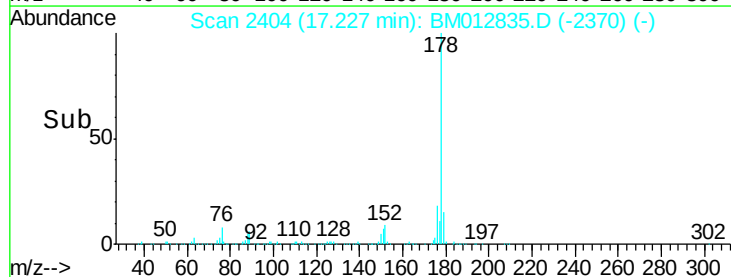
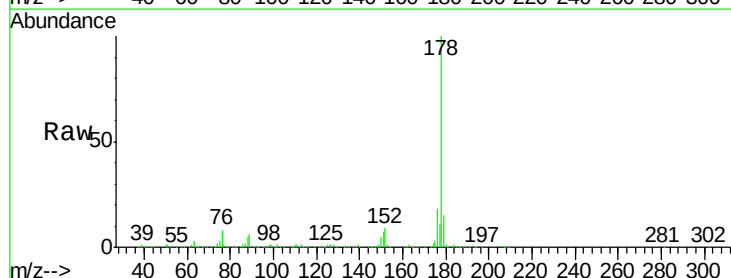
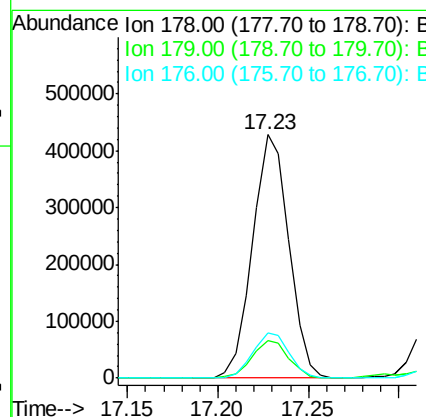
RT: 17.23 min Scan# 2404

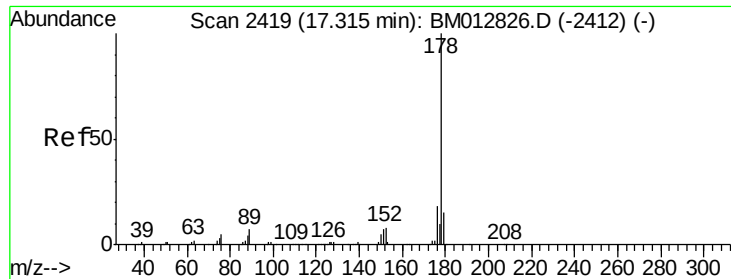
Delta R.T. 0.00 min

Lab File: BM012835.D

Acq: 08 Nov 2017 23:30

Tgt Ion:	178	Resp:	596604
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.2	18.4
176	18.4	15.6	23.4





#71

Anthracene

Concen: 3.713 ng/ul

RT: 17.32 min Scan# 2419

Delta R.T. 0.00 min

Lab File: BM012835.D

Acq: 08 Nov 2017 23:30

Instrument :

BNA_M

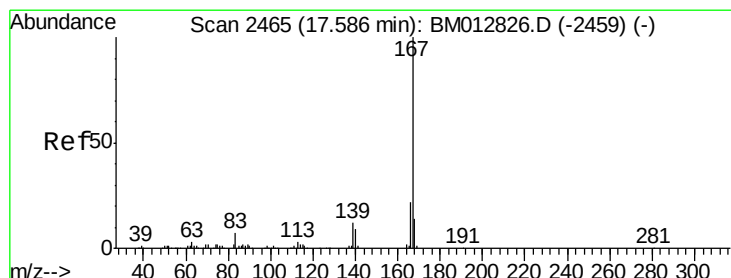
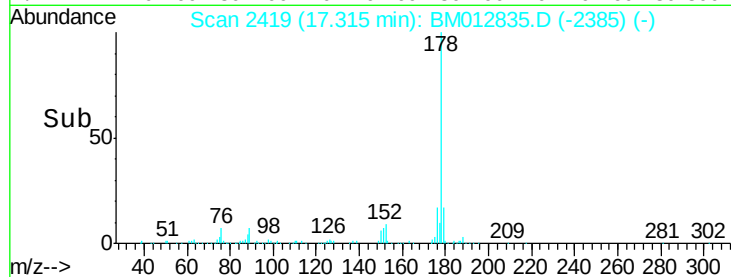
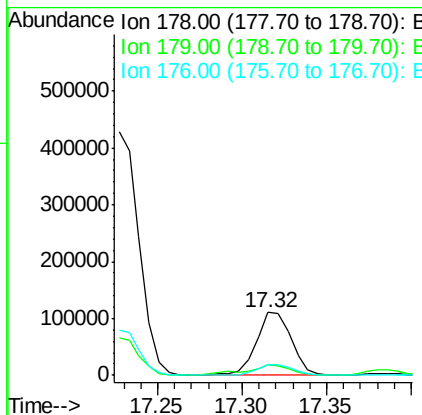
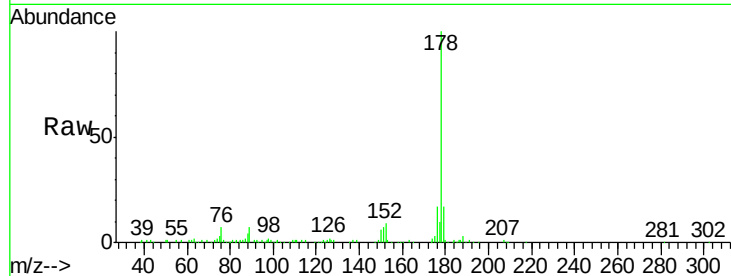
ClientSampleId :

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Tgt Ion:	178	Resp:	159728
Ion Ratio	Lower	Upper	
178	100		
179	16.7	12.1	18.1
176	17.2	14.8	22.2

Manual Integrations
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#74

Carbazole

Concen: 1.307 ng/ul

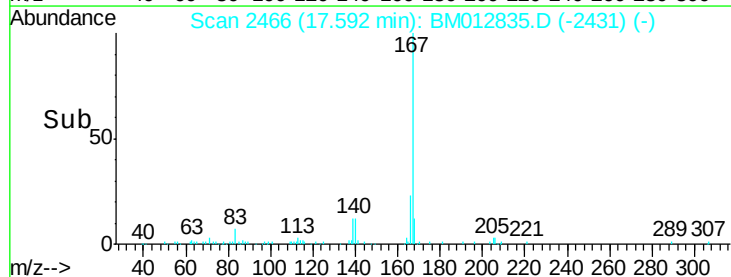
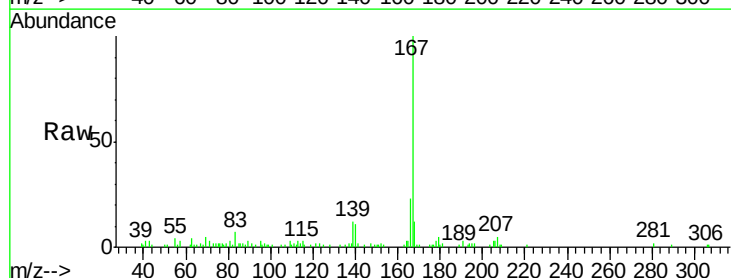
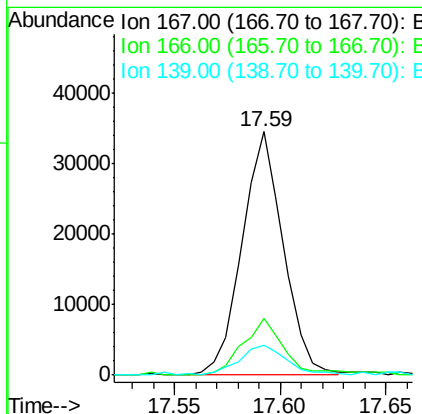
RT: 17.59 min Scan# 2466

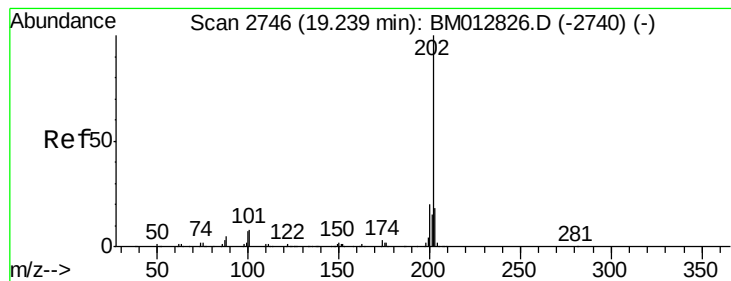
Delta R.T. 0.01 min

Lab File: BM012835.D

Acq: 08 Nov 2017 23:30

Tgt Ion:	167	Resp:	46913
Ion Ratio	Lower	Upper	
167	100		
166	23.4	17.0	25.6
139	12.0	11.0	16.4





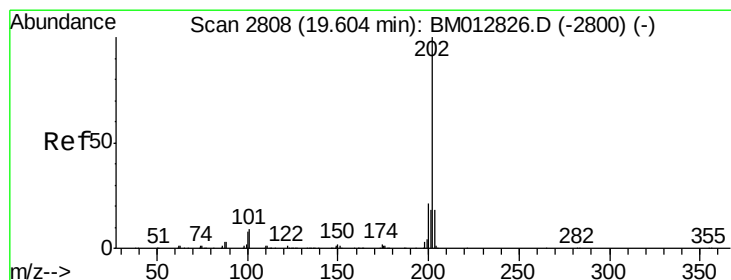
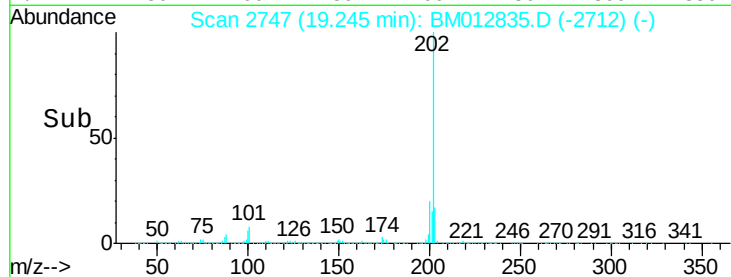
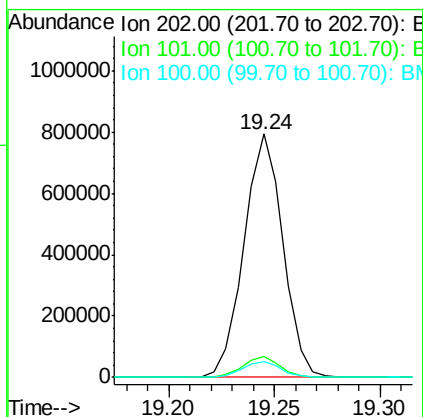
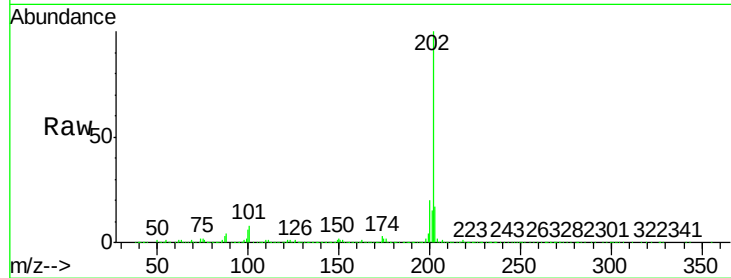
#76
Fluoranthene
Concen: 20.316 ng/ul
RT: 19.24 min Scan# 2747
Delta R.T. 0.01 min
Lab File: BM012835.D
Acq: 08 Nov 2017 23:30

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1013028		
101	8.4	8.8	13.2#	
100	6.3	6.6	9.8#	

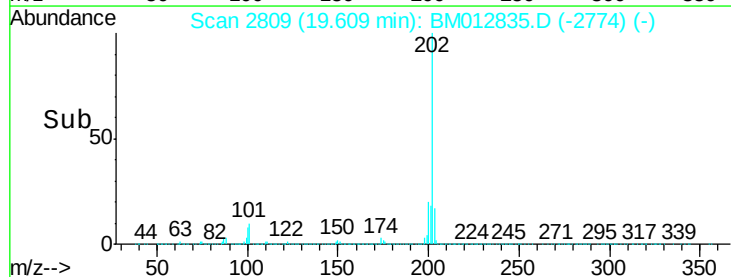
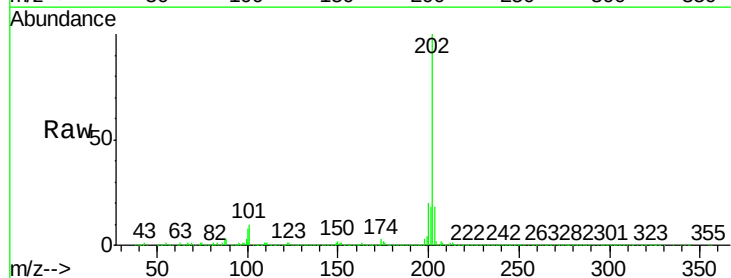
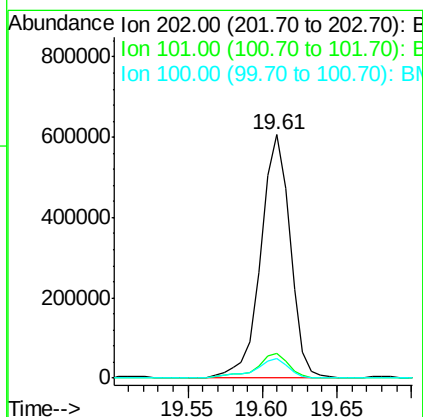
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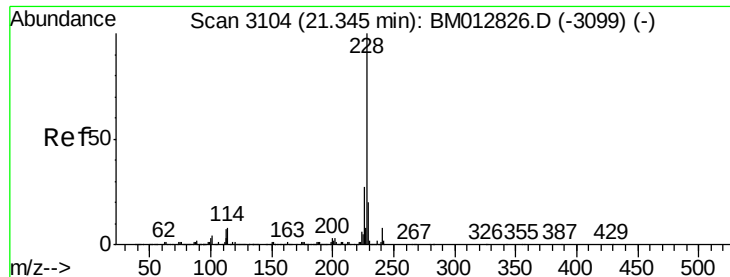
Sohil
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#79
Pyrene
Concen: 21.057 ng/ul
RT: 19.61 min Scan# 2809
Delta R.T. 0.01 min
Lab File: BM012835.D
Acq: 08 Nov 2017 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	821980		
101	9.9	10.2	15.2#	
100	8.3	8.5	12.7#	





#82

Benzo(a)anthracene

Concen: 13.460 ng/ul

RT: 21.35 min Scan# 3105

Delta R.T. 0.01 min

Lab File: BM012835.D

Acq: 08 Nov 2017 23:30

Instrument :

BNA_M

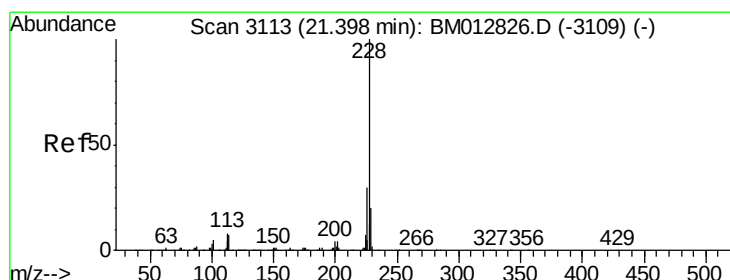
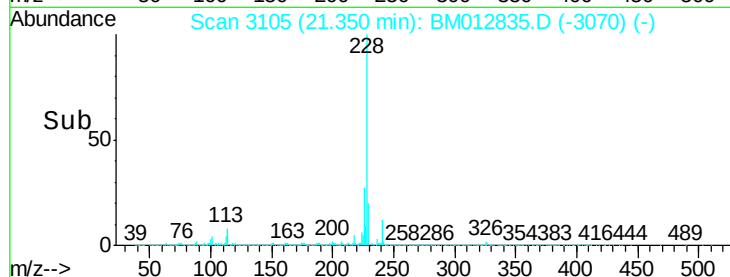
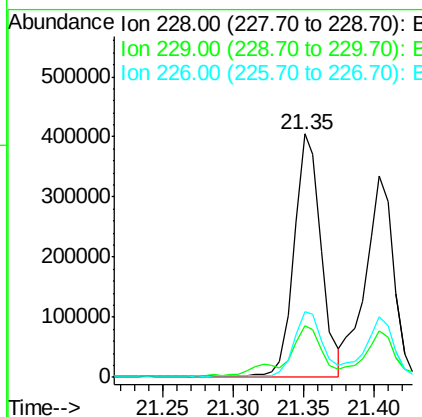
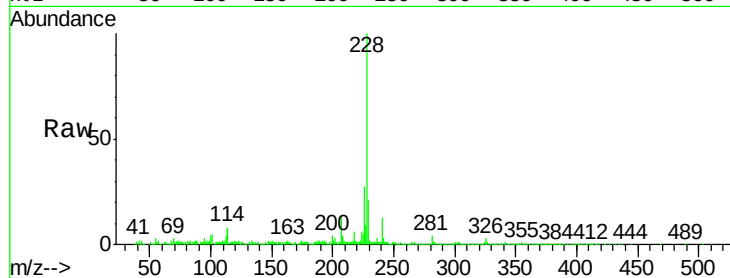
ClientSampleId :

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Tgt Ion:	228	Resp:	532879
Ion Ratio	Lower	Upper	
228	100		
229	21.0	15.7	23.5
226	27.0	21.8	32.6

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#84

Chrysene

Concen: 12.947 ng/ul

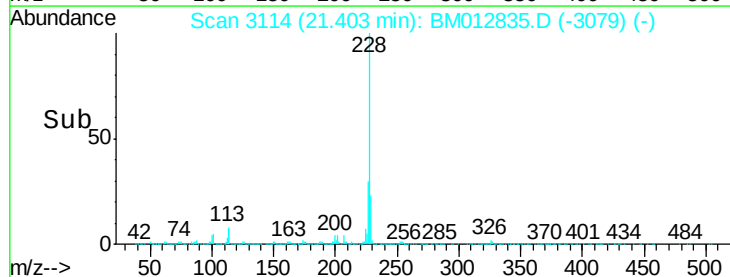
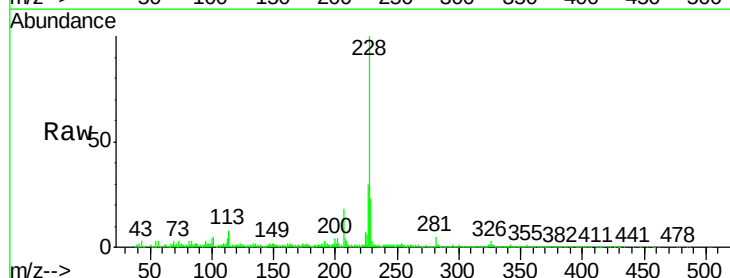
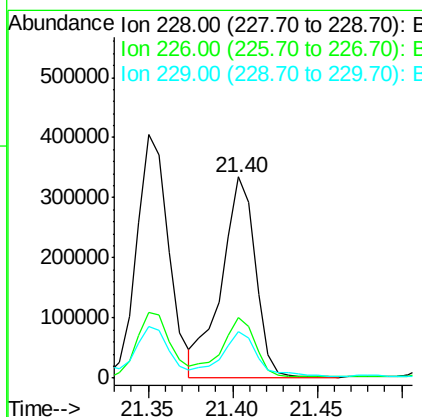
RT: 21.40 min Scan# 3114

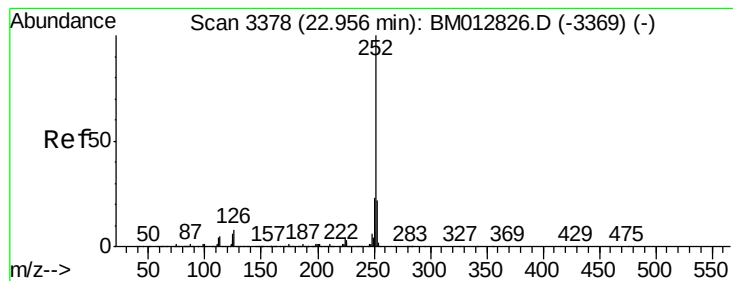
Delta R.T. 0.01 min

Lab File: BM012835.D

Acq: 08 Nov 2017 23:30

Tgt Ion:	228	Resp:	464560
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.0	36.0
229	23.3	15.6	23.4





#87

Benzo(b)fluoranthene

Concen: 15.686 ng/ul

RT: 22.97 min Scan# 3380

Delta R.T. 0.01 min

Lab File: BM012835.D

Acq: 08 Nov 2017 23:30

Instrument :

BNA_M

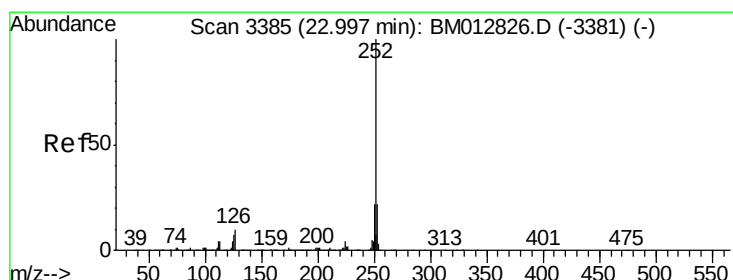
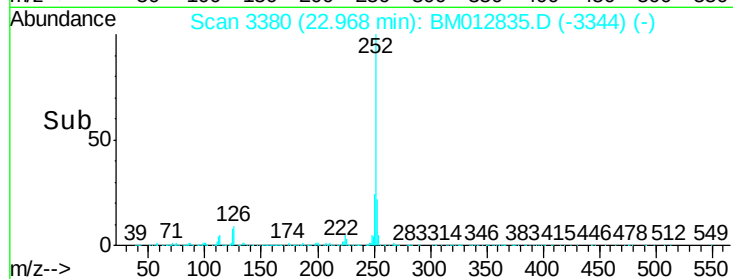
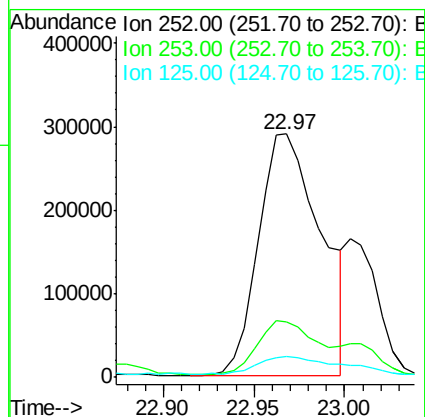
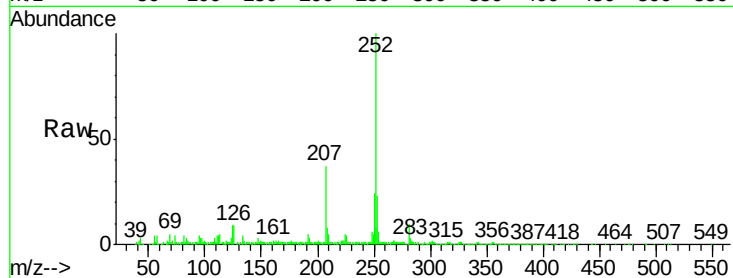
ClientSampleId :

B-78(0.5-1.5)-102517

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	8.8	8.5	12.7

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 4.778 ng/ul m

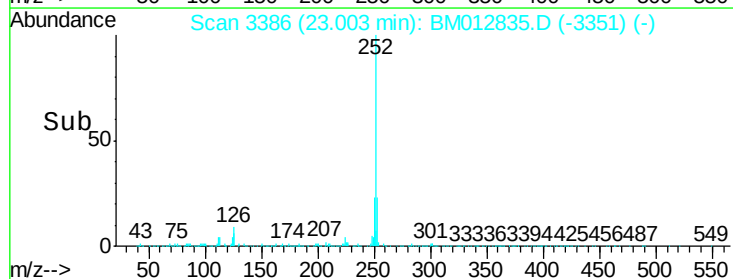
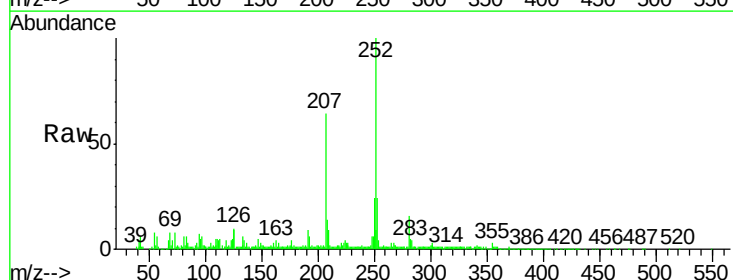
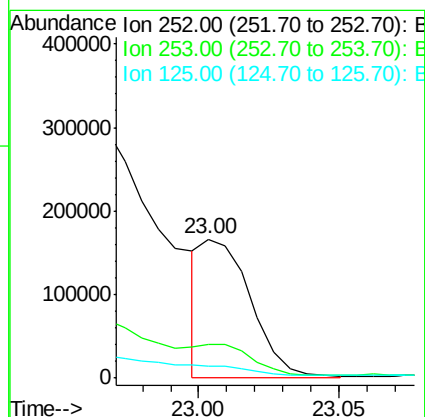
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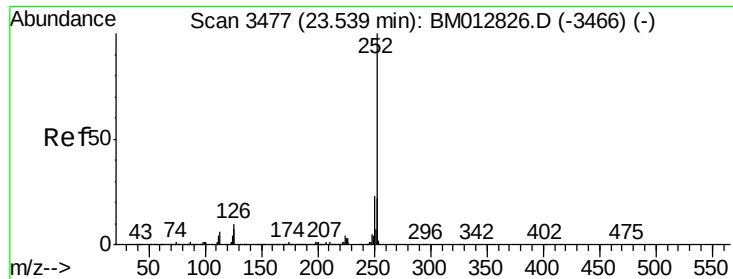
Delta R.T. 0.01 min

Lab File: BM012835.D

Acq: 08 Nov 2017 23:30

Tgt Ion	Ratio	Lower	Upper
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253	24.1	17.3	25.9
125	8.8	8.2	12.2





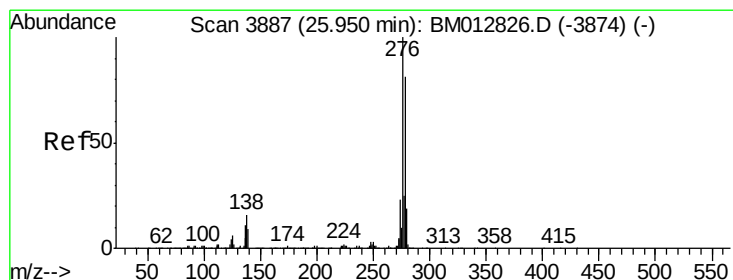
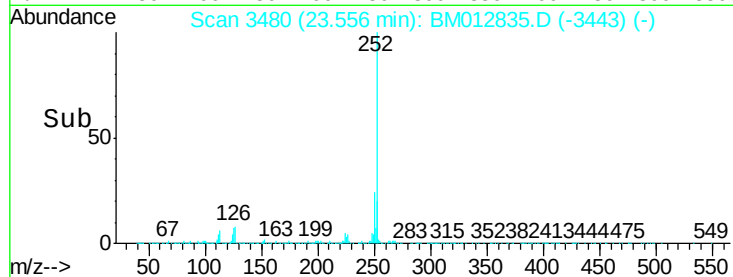
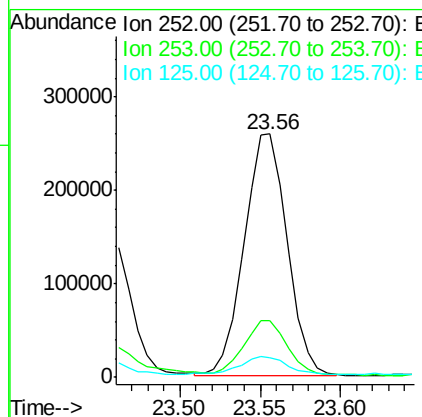
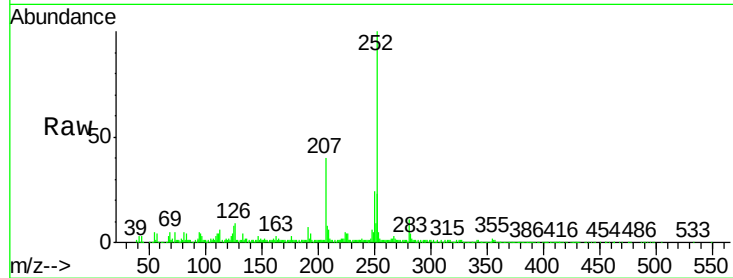
#90
Benzo(a)pyrene
Concen: 11.419 ng/ul m
RT: 23.56 min Scan# 3480
Delta R.T. 0.02 min
Lab File: BM012835.D
Acq: 08 Nov 2017 23:30

Instrument :
BNA_M
ClientSampleId :
B-78(0.5-1.5)-102517

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.3	17.2	25.8
125	8.2	9.0	13.6#

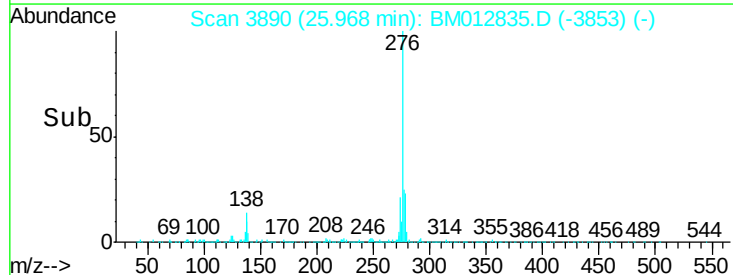
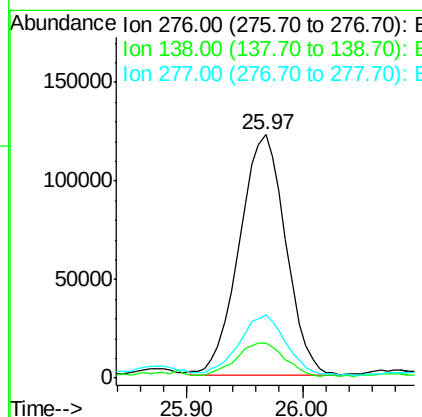
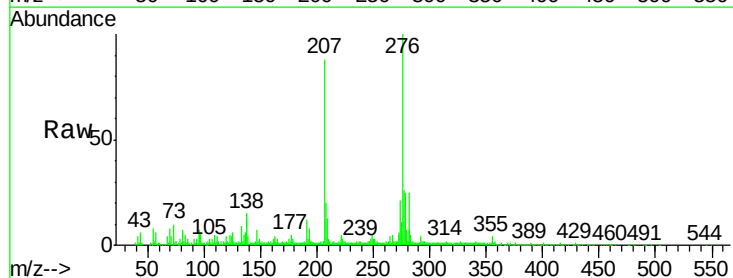
Manual Integrations
APPROVED

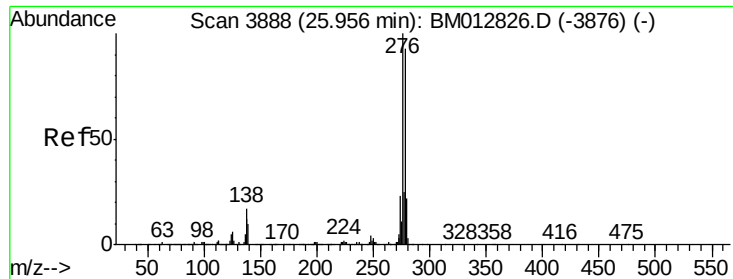
Sohil
11/9/2017 3:48:53 PM



#91
Indeno(1,2,3-cd)pyrene
Concen: 6.708 ng/ul
RT: 25.97 min Scan# 3890
Delta R.T. 0.02 min
Lab File: BM012835.D
Acq: 08 Nov 2017 23:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	14.5	22.3	33.5#
277	25.7	20.2	30.2





#92

Dibenzo(a,h)anthracene

Concen: 2.280 ng/ul

RT: 25.97 min Scan# 3890

Delta R.T. 0.01 min

Lab File: BM012835.D

Acq: 08 Nov 2017 23:30

Instrument :

BNA_M

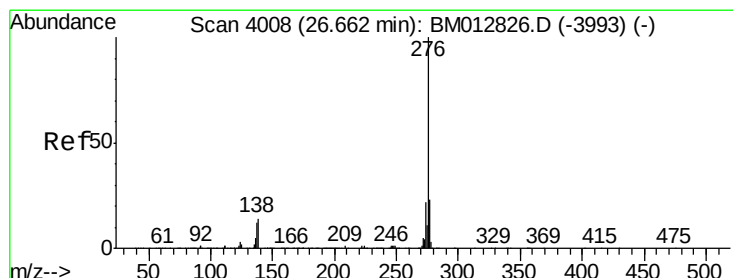
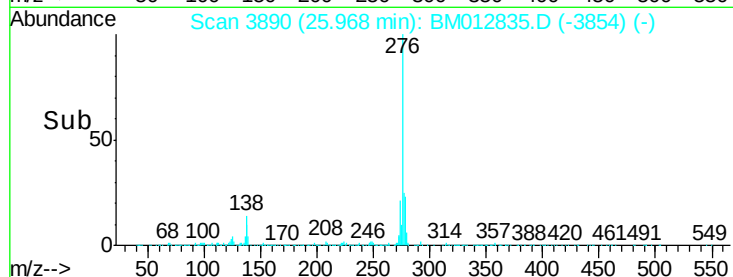
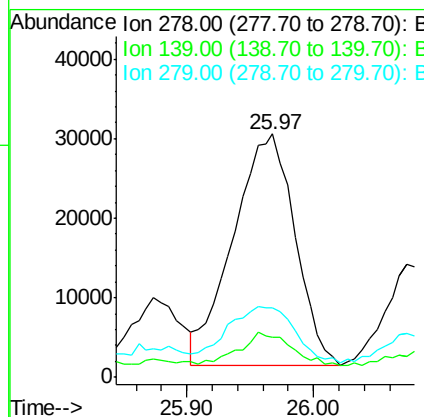
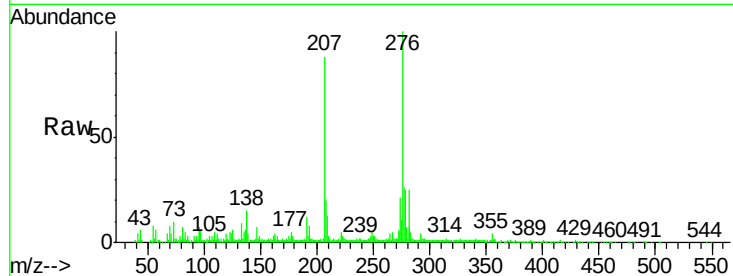
ClientSampleId :

B-78(0.5-1.5)-102517

Tgt Ion:	278	Resp:	97959
Ion Ratio	Lower	Upper	
278	100		
139	16.4	13.9	20.9
279	28.8	19.0	28.4#

Manual Integrations
APPROVED

Sohil
11/9/2017 3:48:53 PM



#93

Benzo(g,h,i)perylene

Concen: 6.374 ng/ul

RT: 26.68 min Scan# 4011

Delta R.T. 0.02 min

Lab File: BM012835.D

Acq: 08 Nov 2017 23:30

Tgt Ion:	276	Resp:	266618
Ion Ratio	Lower	Upper	
276	100		
138	14.4	18.9	28.3#
277	25.7	19.2	28.8

