

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
 Data File : BM012117.D
 Acq On : 13 Oct 2017 02:16
 Operator : SJ/JU
 Sample : I5490-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-69(0-1)-092717

Manual Integrations
 APPROVED

Sohil
 10/15/2017 12:36:56 PM

Quant Time: Oct 13 05:18:11 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 13 04:53:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	289497	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1101709	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	578672	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1226131	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1365192	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1539796	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	22852	3.75	ng/uL	0.00
5) Phenol-d5	6.99	99	509833	21.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	313223	22.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	445064	22.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	421699	20.85	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	201887	24.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	233235	23.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	421748	22.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	98349m	5.60	ng/ul	0.01
43) Dimethylphthalate-d6	13.89	166	1248733	24.42	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1523421	24.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	118988	15.47	ng/ul	0.00
57) Fluorene-d10	15.47	176	1029815	24.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	108750	12.92	ng/ul	0.00
70) Anthracene-d10	17.32	188	1533943	25.30	ng/ul	0.00
76) Pyrene-d10	19.62	212	1715744	24.76	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	1857376	25.02	ng/ul	0.01

Target Compounds

						Qvalue
6) Phenol	7.02	94	29414	1.21	ng/ul	87
44) Dimethylphthalate	13.93	163	484352	9.45	ng/ul	99
69) Phenanthrene	17.27	178	419557	6.02	ng/ul	99
71) Anthracene	17.36	178	118841m	1.65	ng/ul	
74) Fluoranthene	19.28	202	870915	10.35	ng/ul#	90
77) Pyrene	19.64	202	830396	9.21	ng/ul#	90
80) Benzo(a)anthracene	21.39	228	497195	5.60	ng/ul#	92
81) Bis(2-ethylhexyl)phthalate	21.27	149	3226198m	53.57	ng/ul	
82) Chrysene	21.44	228	491601	5.89	ng/ul#	92
85) Benzo(b)fluoranthene	23.02	252	738825	7.35	ng/ul#	82
86) Benzo(k)fluoranthene	23.06	252	193707m	2.00	ng/ul	
88) Benzo(a)pyrene	23.62	252	507850	5.36	ng/ul#	80
89) Indeno(1,2,3-cd)pyrene	26.10	276	393026	3.91	ng/ul#	83
90) Dibenzo(a,h)anthracene	26.11	278	111453	1.32	ng/ul#	20
91) Benzo(g,h,i)perylene	26.84	276	496010	6.02	ng/ul#	80

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

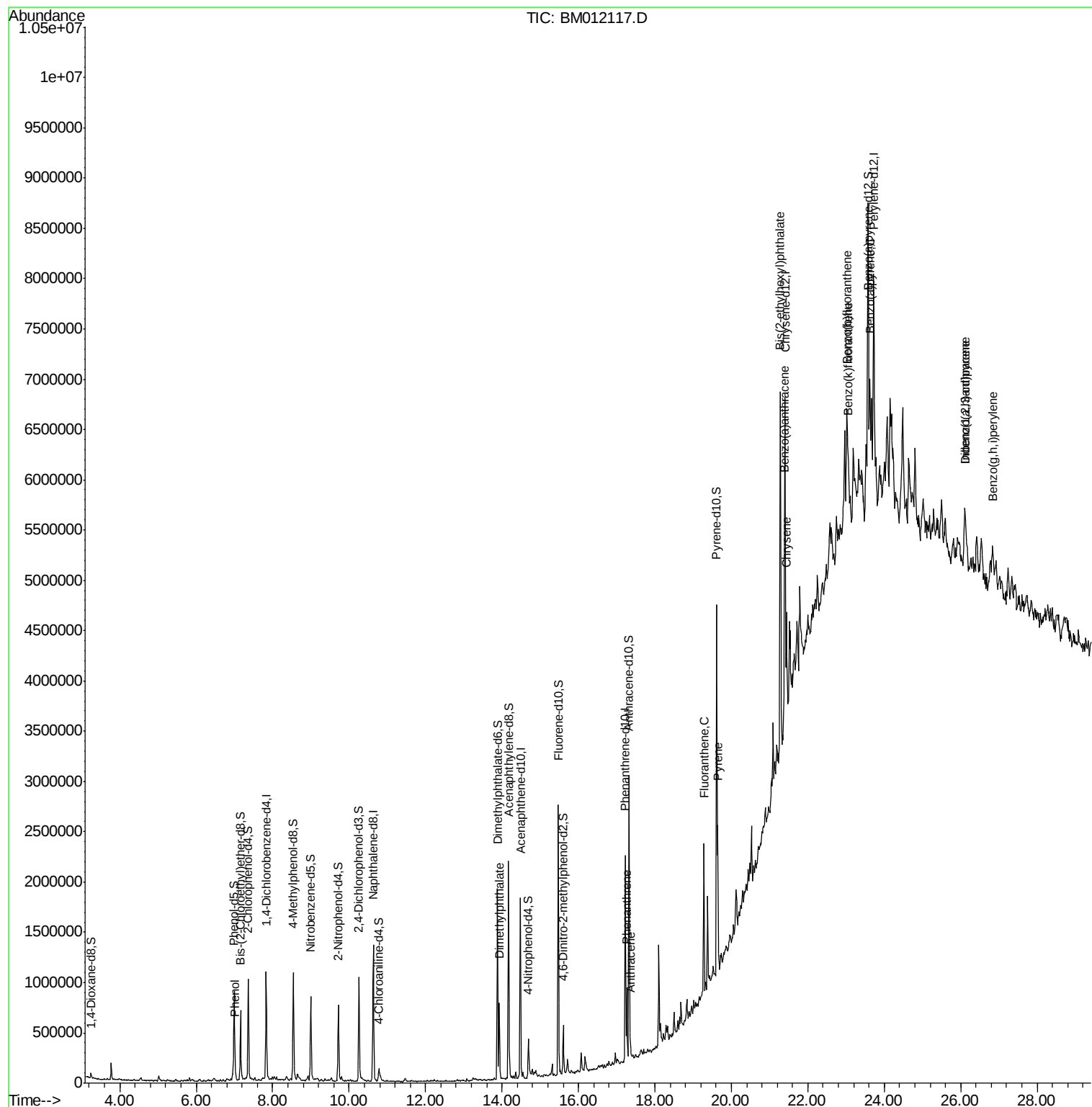
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012117.D
Acq On : 13 Oct 2017 02:16
Operator : SJ/JU
Sample : I5490-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

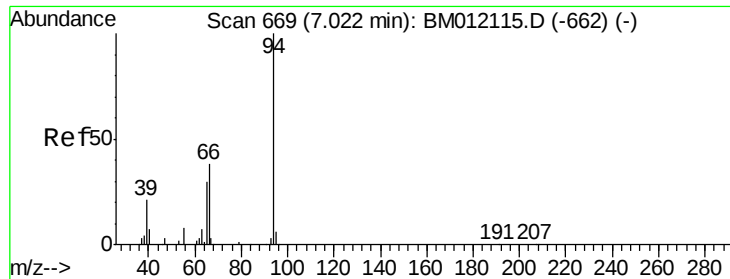
Instrument :
BNA_M
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B-69(0-1)-092717

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 04:53:53 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.21 ng/ul

RT: 7.02 min Scan# 669

Delta R.T. -0.00 min

Lab File: BM012117.D

Acq: 13 Oct 2017 02:16

Instrument :

BNA_M

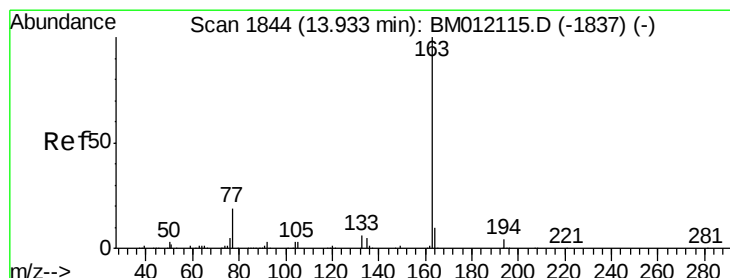
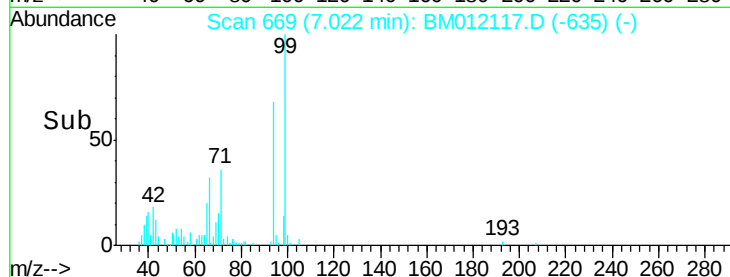
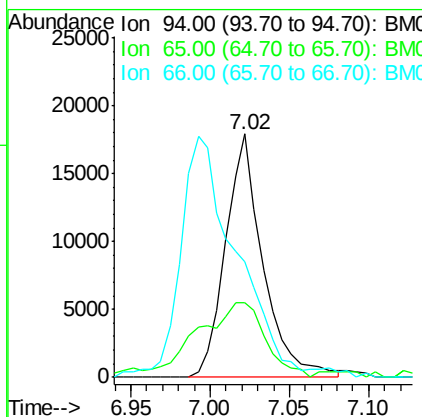
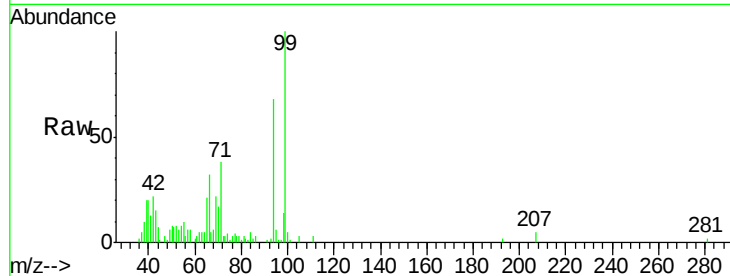
ClientSampleId :

B-69(0-1)-092717

Tgt Ion:	94	Resp:	29414
Ion Ratio	Lower	Upper	
94	100		
65	30.6	28.2	42.4
66	47.4	47.2	70.8

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#44

Dimethylphthalate

Concen: 9.45 ng/ul

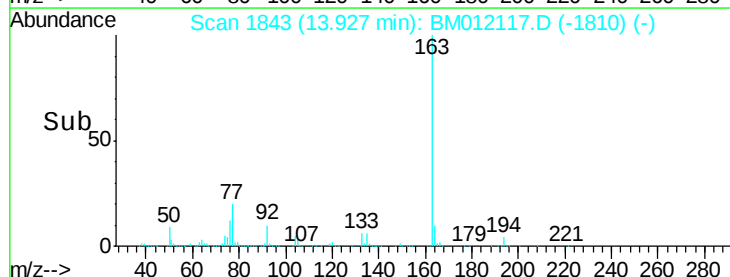
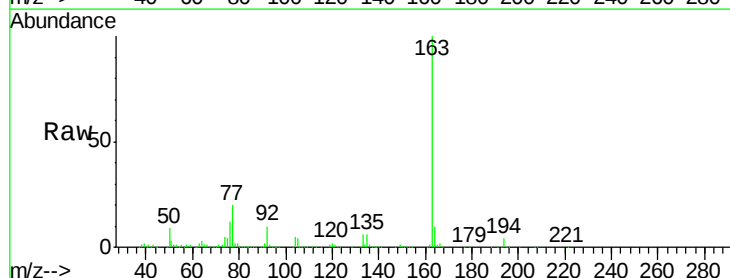
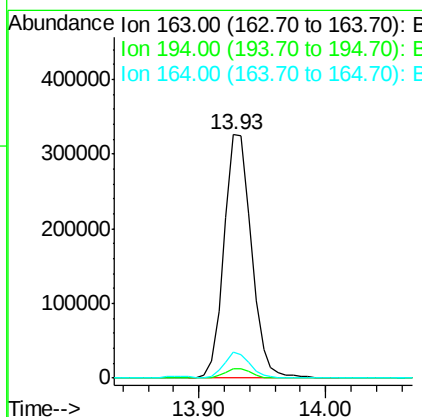
RT: 13.93 min Scan# 1843

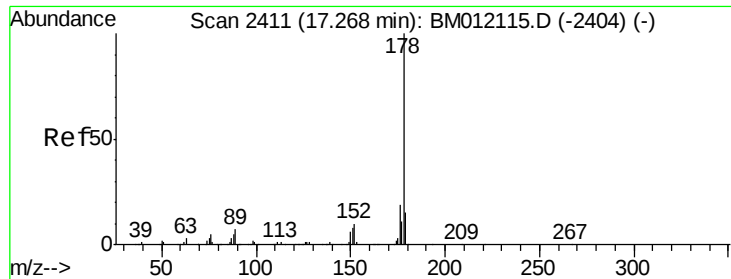
Delta R.T. -0.01 min

Lab File: BM012117.D

Acq: 13 Oct 2017 02:16

Tgt Ion:	163	Resp:	484352
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.5	5.3
164	10.4	8.2	12.4





#69

Phenanthrene

Concen: 6.02 ng/ul

RT: 17.27 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BM012117.D

Acq: 13 Oct 2017 02:16

Instrument :

BNA_M

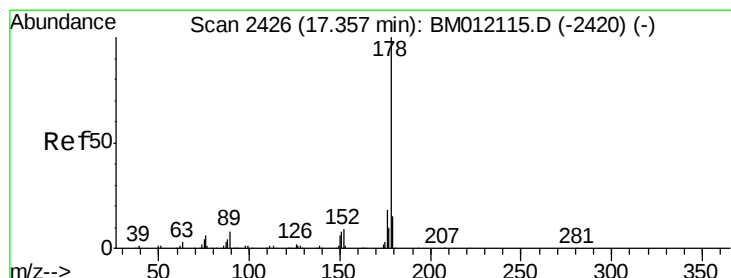
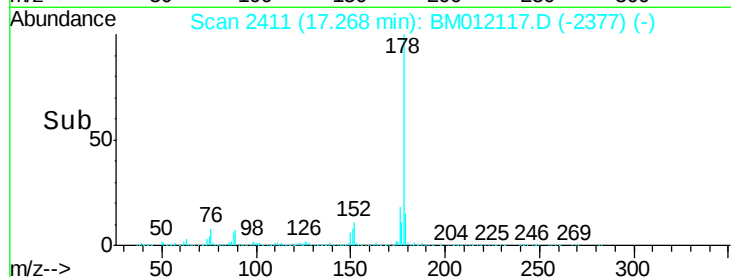
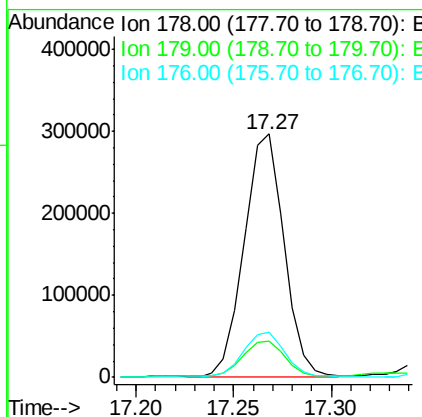
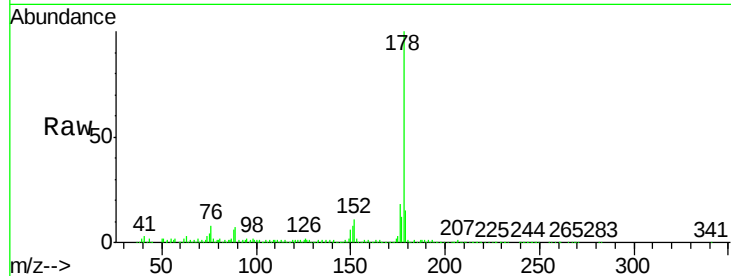
ClientSampleId :

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Tgt Ion:	178	Resp:	419557
Ion Ratio		Lower	Upper
178	100		
179	15.0	12.6	19.0
176	18.4	14.9	22.3

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#71

Anthracene

Concen: 1.65 ng/ul m

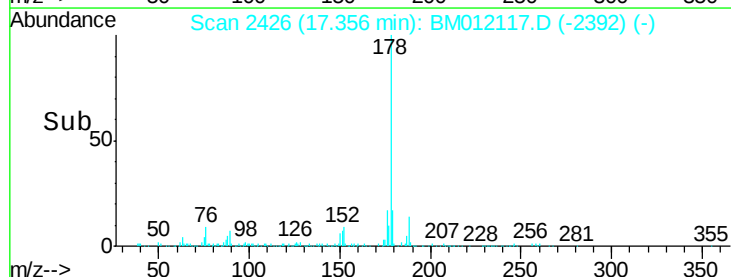
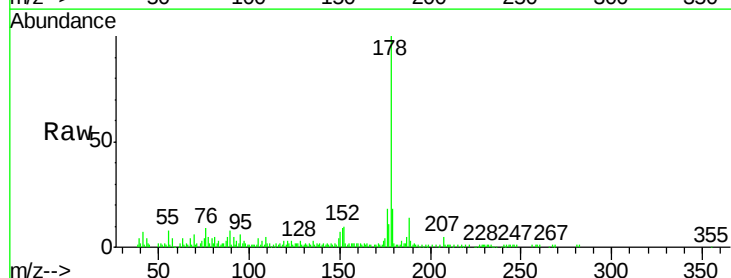
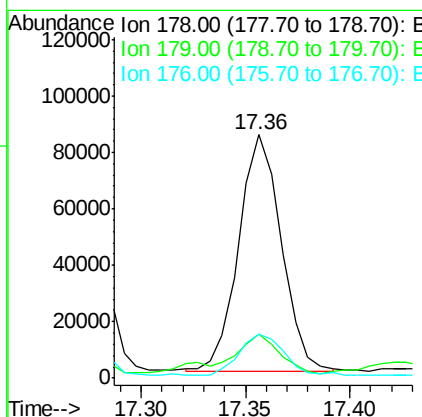
RT: 17.36 min Scan# 2426

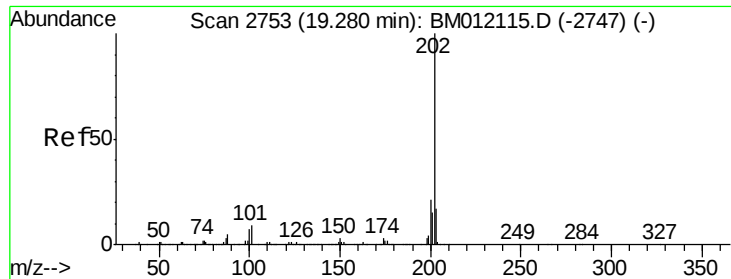
Delta R.T. -0.00 min

Lab File: BM012117.D

Acq: 13 Oct 2017 02:16

Tgt Ion:	178	Resp:	118841
Ion Ratio		Lower	Upper
178	100		
179	18.0	11.7	17.5#
176	18.2	14.6	21.8





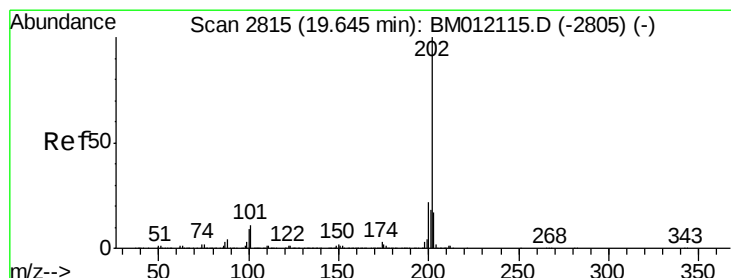
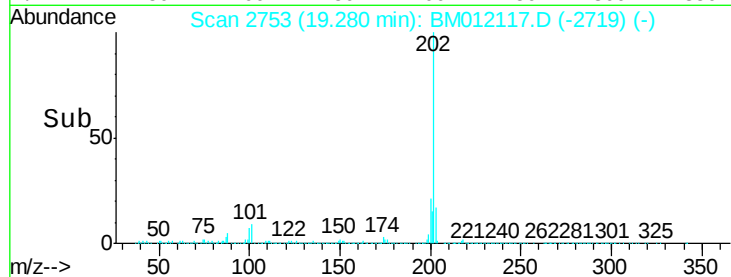
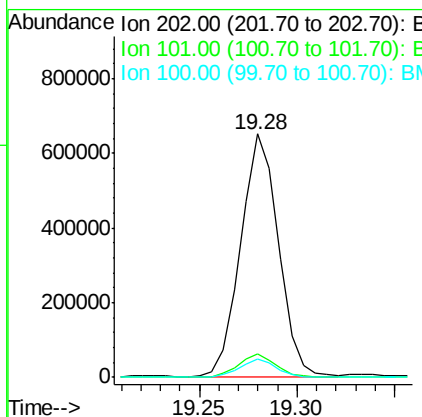
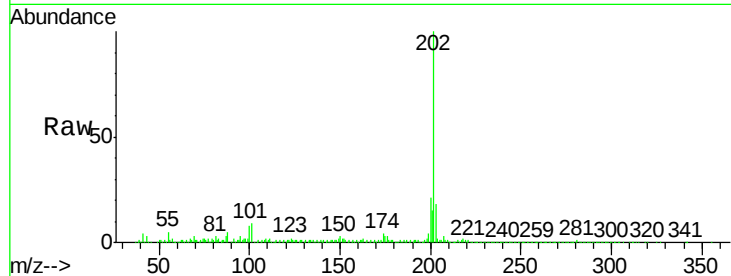
#74
 Fluoranthene
 Concen: 10.35 ng/ul
 RT: 19.28 min Scan# 2753
 Delta R.T. -0.00 min
 Lab File: BM012117.D
 Acq: 13 Oct 2017 02:16

Instrument :
 BNA_M
 ClientSampleId :
 B-69(0-1)-092717

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	870915		
101	9.4	4.6	7.0#	
100	7.7	3.4	5.2#	

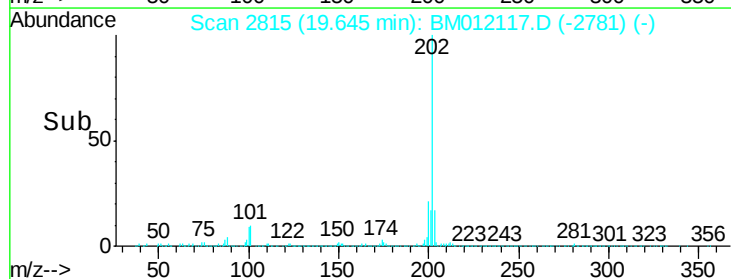
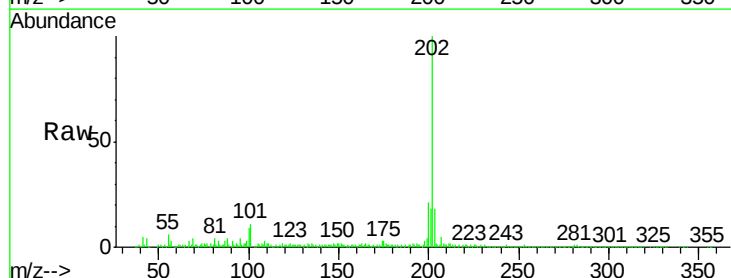
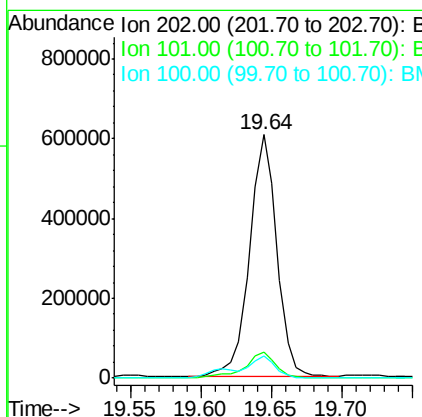
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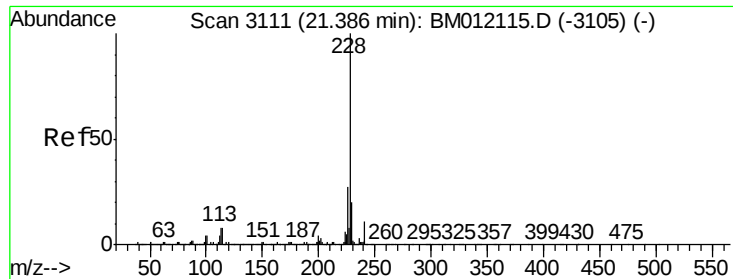
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#77
 Pyrene
 Concen: 9.21 ng/ul
 RT: 19.64 min Scan# 2815
 Delta R.T. -0.00 min
 Lab File: BM012117.D
 Acq: 13 Oct 2017 02:16

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	830396		
101	10.5	5.1	7.7#	
100	8.9	4.9	7.3#	





#80

Benzo(a)anthracene

Concen: 5.60 ng/ul

RT: 21.39 min Scan# 3111

Delta R.T. -0.00 min

Lab File: BM012117.D

Acq: 13 Oct 2017 02:16

Instrument :

BNA_M

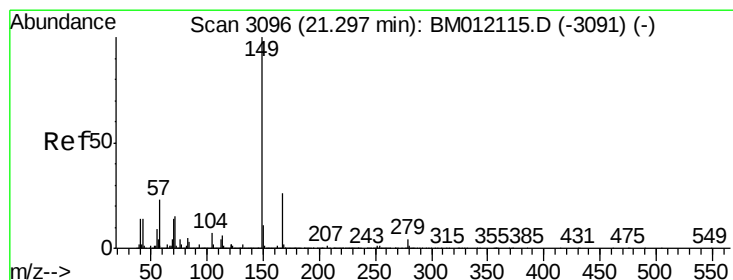
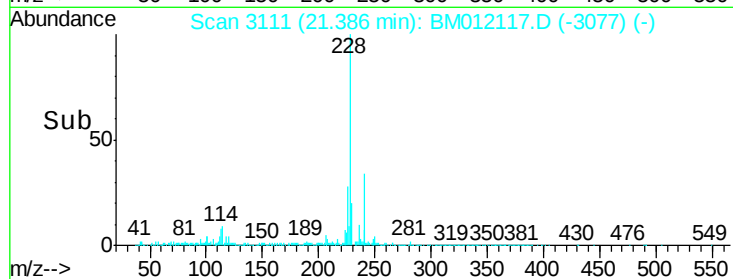
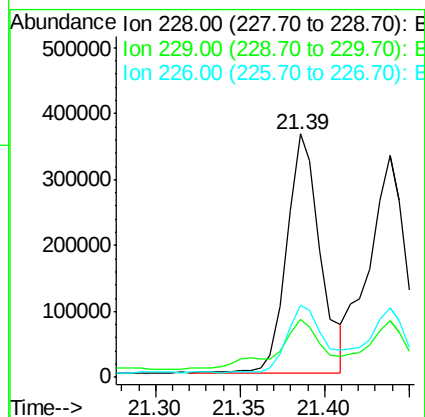
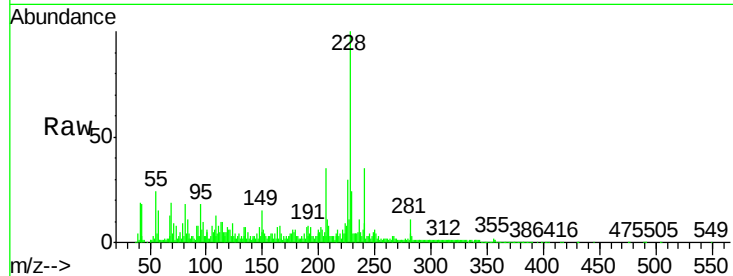
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
228	100		
229	24.0	15.4	23.0#
226	29.7	21.4	32.0

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#81

Bis(2-ethylhexyl)phthalate

Concen: 53.57 ng/ul m

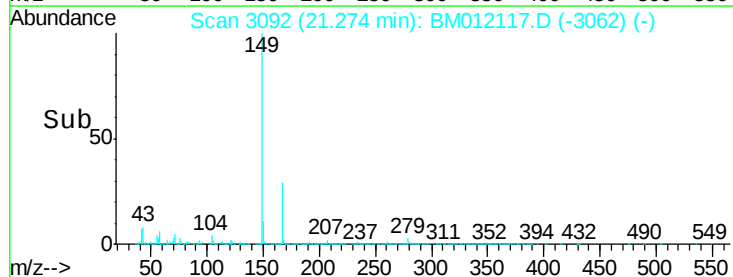
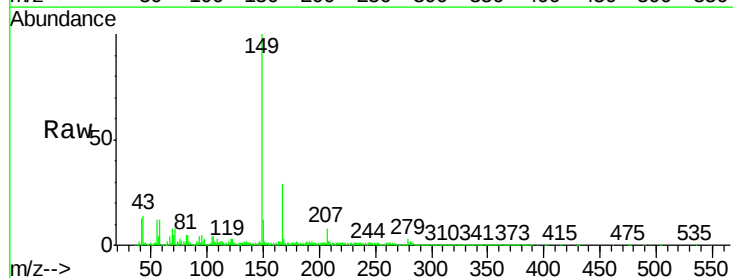
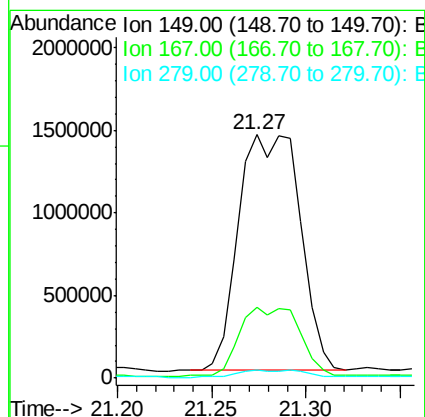
RT: 21.27 min Scan# 3092

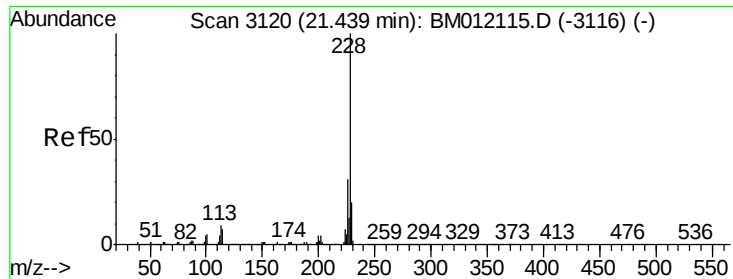
Delta R.T. -0.02 min

Lab File: BM012117.D

Acq: 13 Oct 2017 02:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.8	34.2
279	3.3	4.9	7.3#





#82

Chrysene

Concen: 5.89 ng/ul

RT: 21.44 min Scan# 3120

Delta R.T. -0.00 min

Lab File: BM012117.D

Acq: 13 Oct 2017 02:16

Instrument :

BNA_M

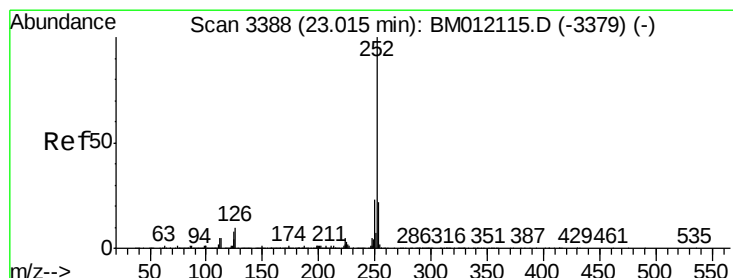
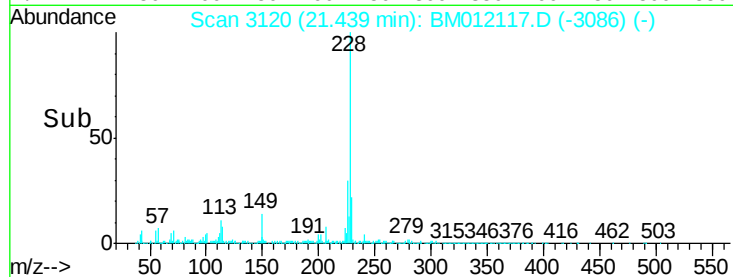
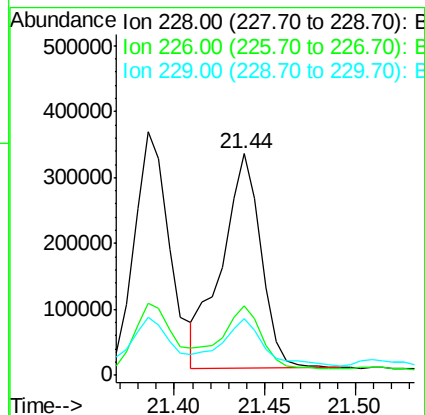
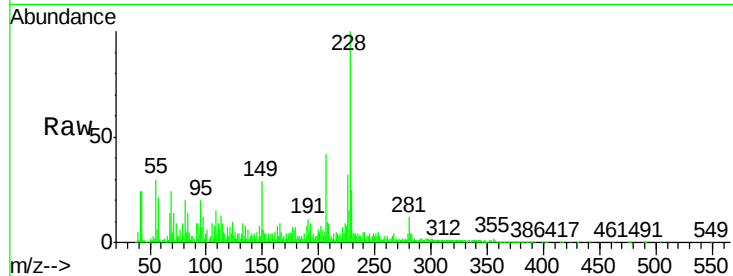
ClientSampleId :

B-69(0-1)-092717

Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		491601		
226	31.7	23.4	35.2		
229	25.4	15.5	23.3#		

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#85

Benzo(b)fluoranthene

Concen: 7.35 ng/ul

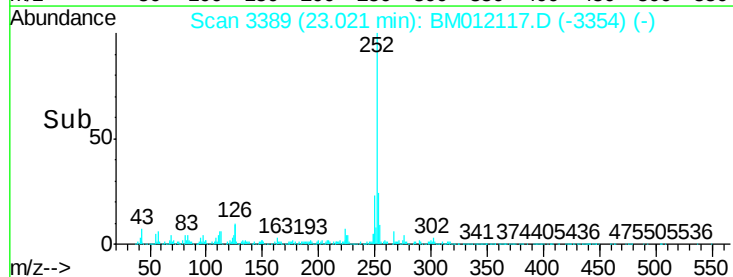
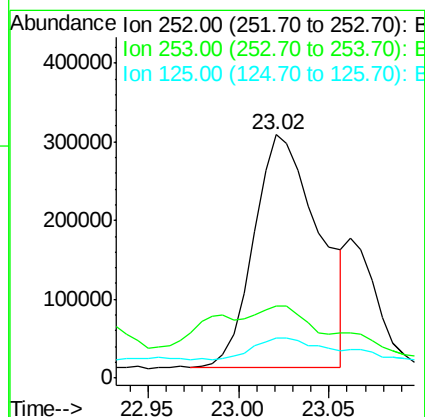
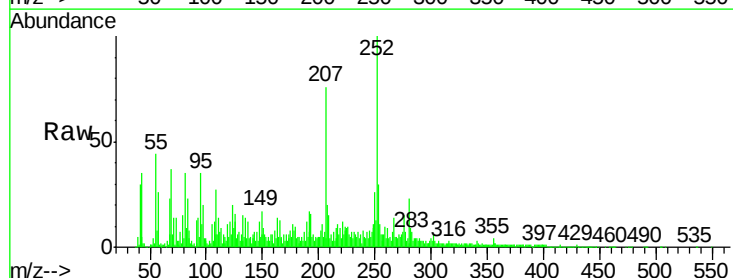
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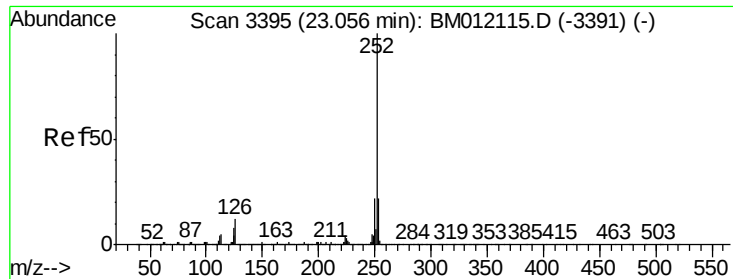
Delta R.T. 0.01 min

Lab File: BM012117.D

Acq: 13 Oct 2017 02:16

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		738825		
253	29.5	17.9	26.9#		
125	16.4	3.6	5.4#		





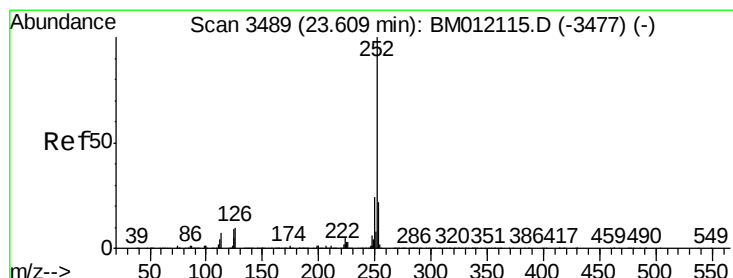
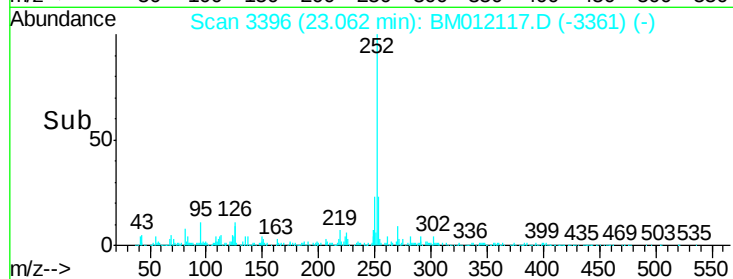
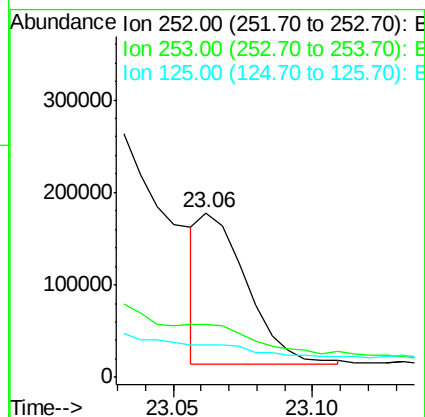
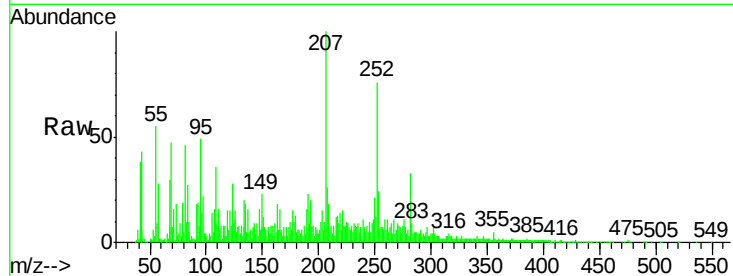
#86
Benzo(k)fluoranthene
Concen: 2.00 ng/ul m
RT: 23.06 min Scan# 3396
Delta R.T. 0.01 min
Lab File: BM012117.D
Acq: 13 Oct 2017 02:16

Instrument :
BNA_M
ClientSampleId :
B-69(0-1)-092717

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.4	17.1	25.7#
125	20.0	3.4	5.2#

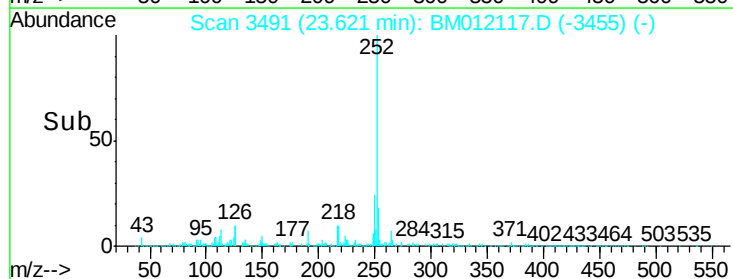
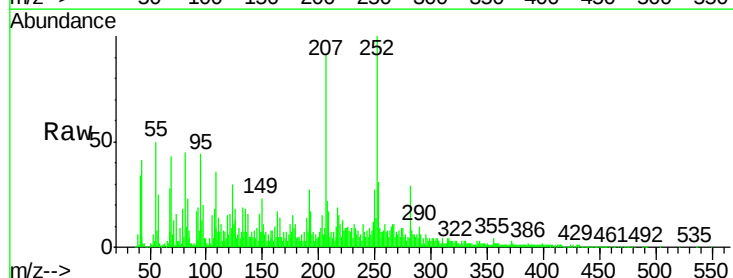
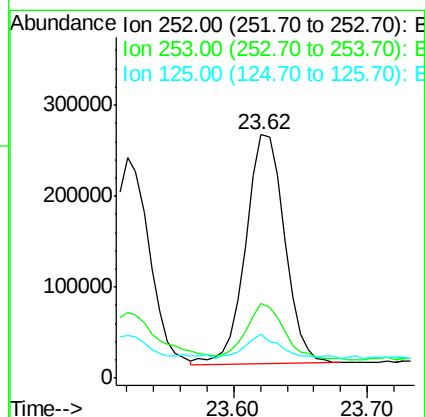
Manual Integrations
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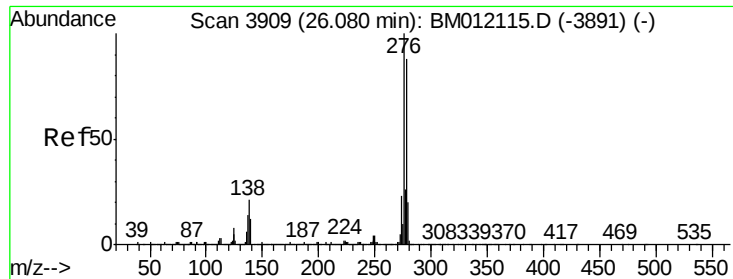
Sohil
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#88
Benzo(a)pyrene
Concen: 5.36 ng/ul
RT: 23.62 min Scan# 3491
Delta R.T. 0.01 min
Lab File: BM012117.D
Acq: 13 Oct 2017 02:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.5	18.2	27.2#
125	17.9	4.0	6.0#





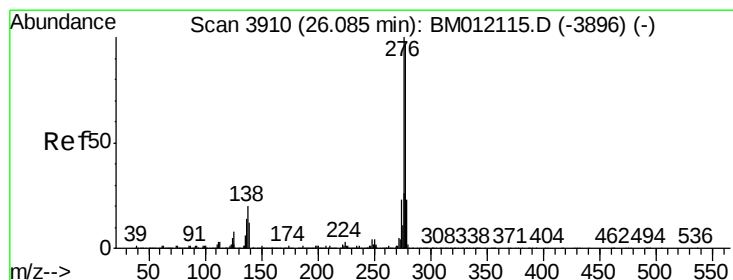
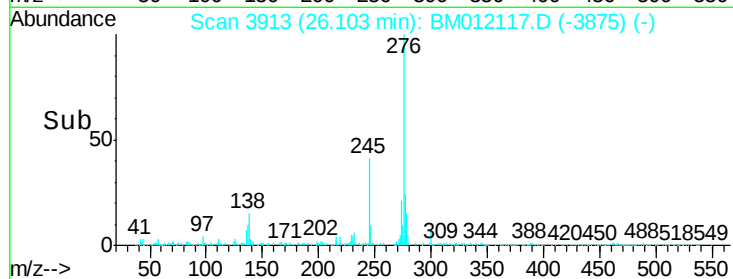
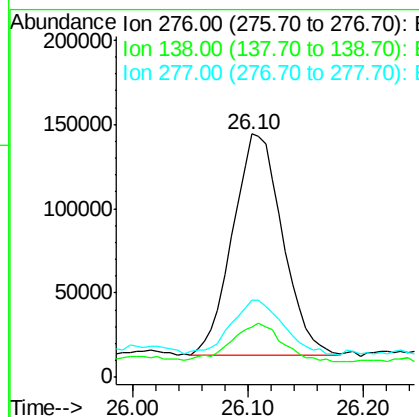
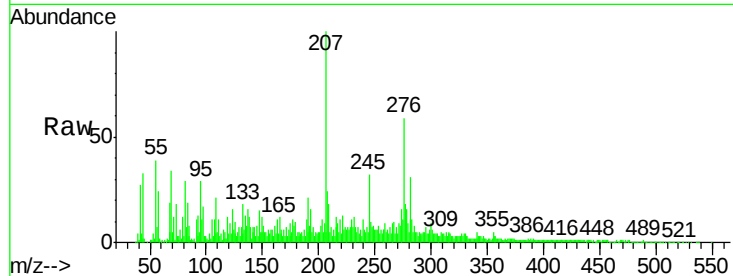
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 3.91 ng/ul
 RT: 26.10 min Scan# 3913
 Delta R.T. 0.02 min
 Lab File: BM012117.D
 Acq: 13 Oct 2017 02:16

Instrument :
 BNA_M
 ClientSampleId :
 B-69(0-1)-092717

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	20.8	9.3	13.9#
277	31.5	19.9	29.9#

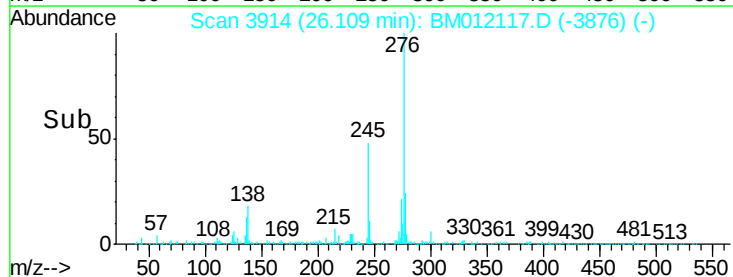
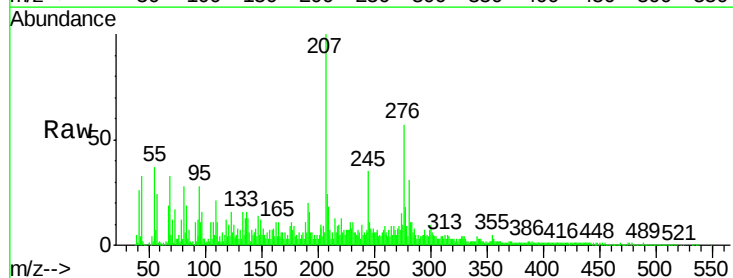
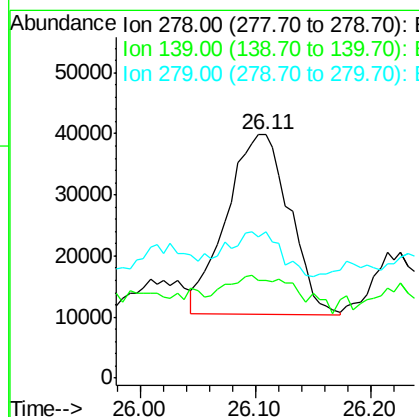
Manual Integrations
 APPROVED

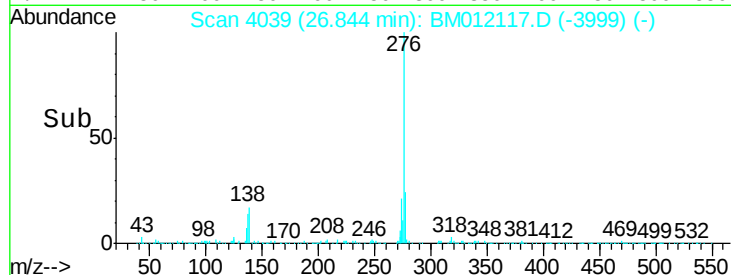
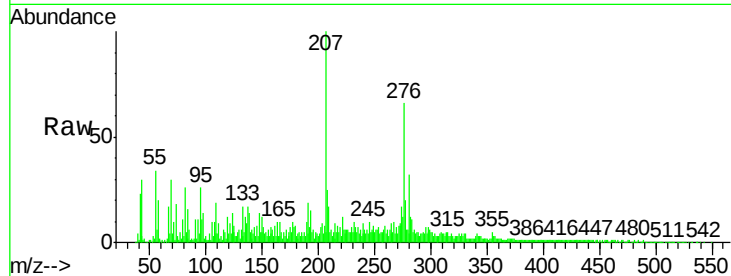
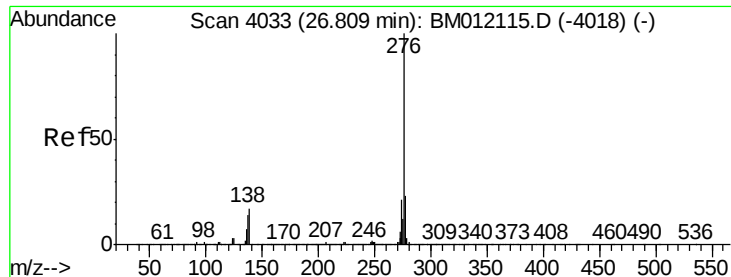
Sohil
 10/15/2017 12:36:56 PM



#90
 Dibenzo(a,h)anthracene
 Concen: 1.32 ng/ul
 RT: 26.11 min Scan# 3914
 Delta R.T. 0.02 min
 Lab File: BM012117.D
 Acq: 13 Oct 2017 02:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	40.3	5.8	8.8#
279	60.1	18.6	27.8#





#91

Benzo(g,h,i)perylene

Concen: 6.02 ng/ul

RT: 26.84 min Scan# 4039

Delta R.T. 0.04 min

Lab File: BM012117.D

Acq: 13 Oct 2017 02:16

Instrument :

BNA_M

ClientSampleId :

B-69(0-1)-092717

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	496010		
138	21.1	8.5	12.7#	
277	31.1	18.6	28.0#	

Manual Integrations
APPROVED

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10/15/2017 12:36:56 PM

