

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
 Data File : BM012818.D
 Acq On : 08 Nov 2017 13:23
 Operator : SJ/JU
 Sample : I5955-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-71(3-5)-101617

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:48:24 PM

Quant Time: Nov 09 01:57:09 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 01:31:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	107129	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	420108	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	228968	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	466536	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	510137	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	575935	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	16663	8.40	ng/uL	0.00
5) Phenol-d5	6.98	99	353501	44.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	202518	46.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	308072	46.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	191801	27.88	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	150870	48.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	179017	50.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	304380	41.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	304696	43.37	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	914228	48.25	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1106665	47.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	102890	33.89	ng/ul	0.00
57) Fluorene-d10	15.43	176	752238	46.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	75132	24.39	ng/ul	0.00
70) Anthracene-d10	17.29	188	1043494	46.29	ng/ul	0.00
78) Pyrene-d10	19.57	212	1247537	52.70	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	1451651	53.31	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.00	94	33343	4.075	ng/ul	95
44) Dimethylphthalate	13.89	163	195008	10.372	ng/ul	99
49) Acenaphthene	14.50	153	36142	2.336	ng/ul	98
58) Fluorene	15.49	166	44338	2.365	ng/ul	99
69) Phenanthrene	17.23	178	598406	23.467	ng/ul	99
71) Anthracene	17.32	178	113219	4.282	ng/ul	98
76) Fluoranthene	19.24	202	673182	21.969	ng/ul#	94
79) Pyrene	19.60	202	630364	20.711	ng/ul#	93
82) Benzo(a)anthracene	21.35	228	315701	10.227	ng/ul	99
84) Chrysene	21.40	228	304587	10.887	ng/ul	97
87) Benzo(b)fluoranthene	22.96	252	337805	9.598	ng/ul#	96
88) Benzo(k)fluoranthene	23.00	252	96288m	2.878	ng/ul	
90) Benzo(a)pyrene	23.54	252	233951	6.986	ng/ul	95
91) Indeno(1,2,3-cd)pyrene	25.95	276	137524	3.407	ng/ul#	85
92) Dibenzo(a,h)anthracene	25.95	278	44720	1.309	ng/ul#	88
93) Benzo(g,h,i)perylene	26.66	276	118296	3.557	ng/ul#	90

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

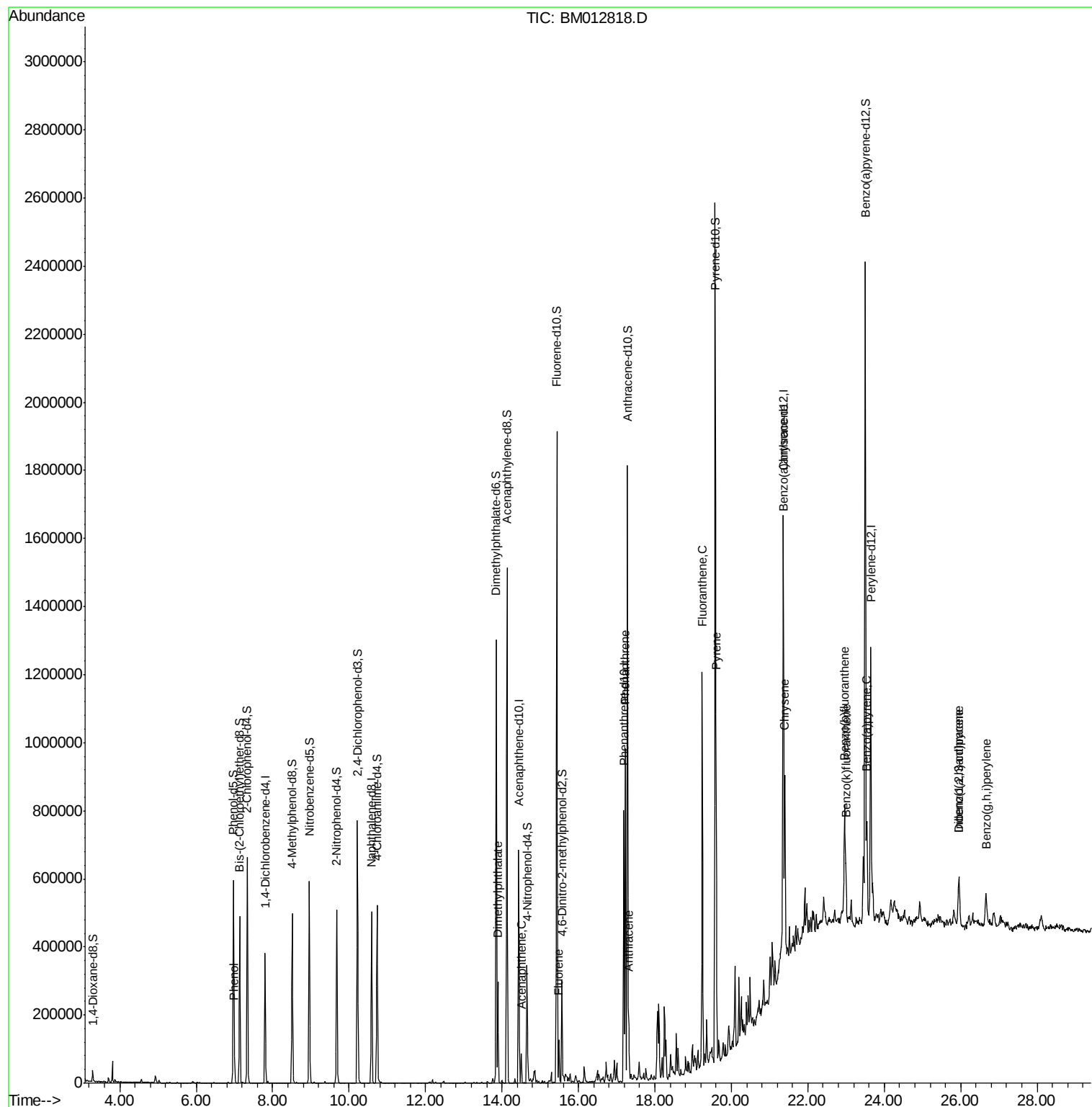
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012818.D
Acq On : 08 Nov 2017 13:23
Operator : SJ/JU
Sample : I5955-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

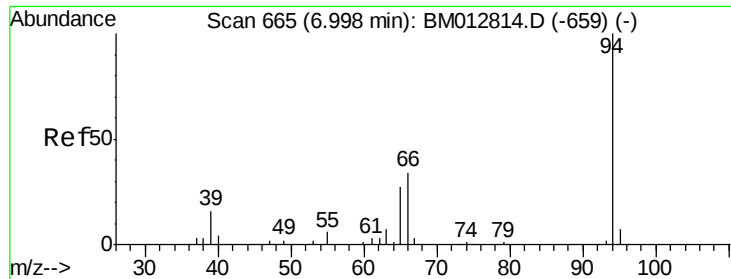
Instrument :
BNA_M
ClientSampleId :
B-71(3-5)-101617

Quant Time: Nov 09 01:57:09 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 01:31:40 2017
Response via : Initial Calibration

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#6

Phenol

Concen: 4.075 ng/ul

RT: 7.00 min Scan# 666

Delta R.T. 0.01 min

Lab File: BM012818.D

Acq: 08 Nov 2017 13:23

Instrument :

BNA_M

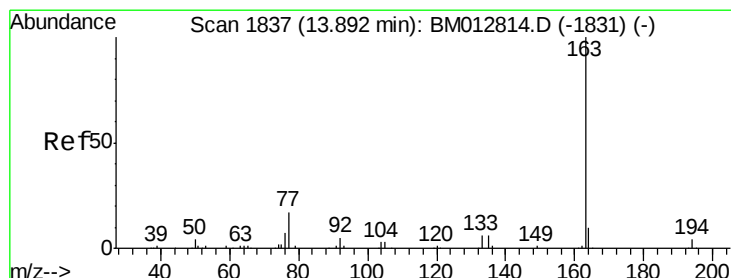
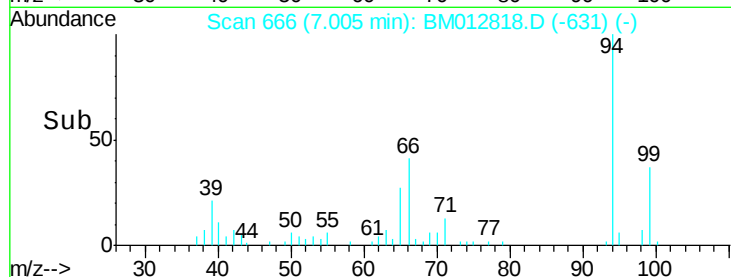
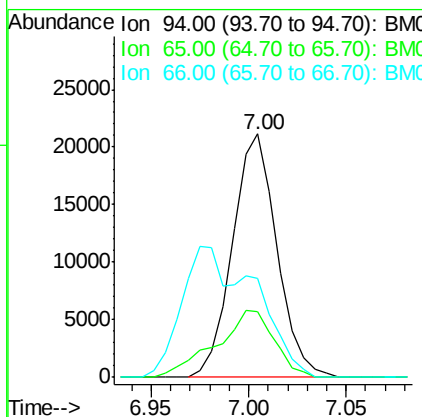
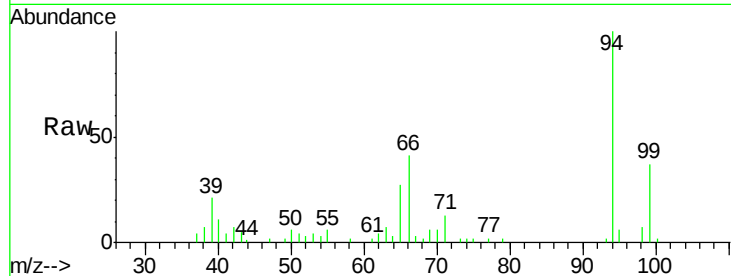
ClientSampleId :

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Tgt Ion:	94	Resp:	33343
Ion	Ratio	Lower	Upper
94	100		
65	27.2	21.0	31.6
66	40.6	29.3	43.9

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#44

Dimethylphthalate

Concen: 10.372 ng/ul

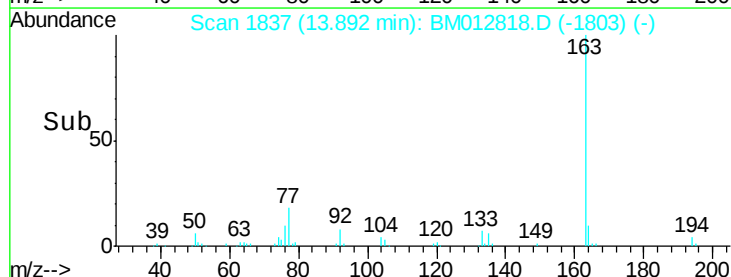
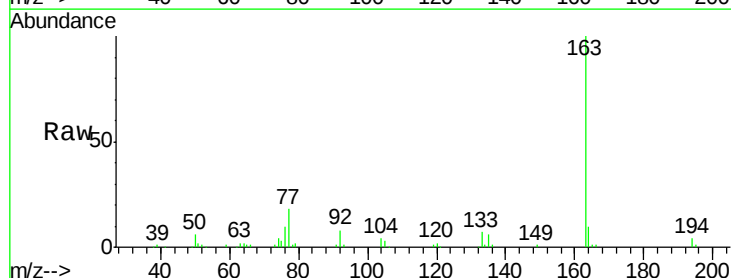
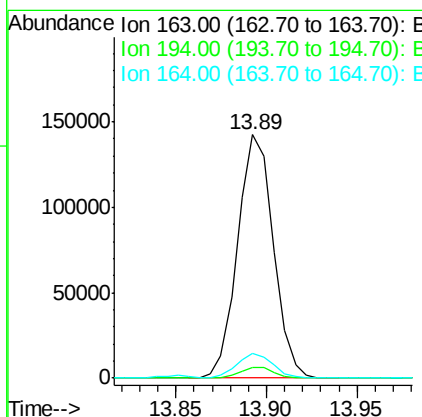
RT: 13.89 min Scan# 1837

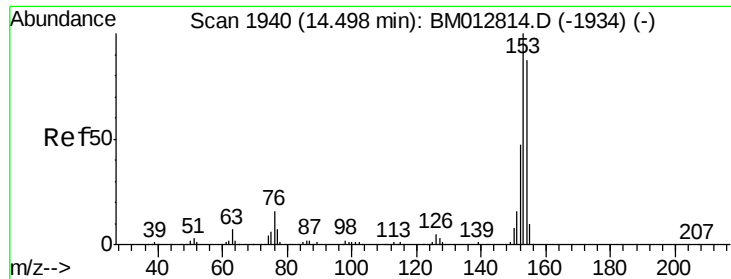
Delta R.T. 0.00 min

Lab File: BM012818.D

Acq: 08 Nov 2017 13:23

Tgt Ion:	163	Resp:	195008
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.2	4.8
164	10.0	7.8	11.8





#49

Acenaphthene

Concen: 2.336 ng/ul

RT: 14.50 min Scan# 1941

Delta R.T. 0.01 min

Lab File: BM012818.D

Acq: 08 Nov 2017 13:23

Instrument :

BNA_M

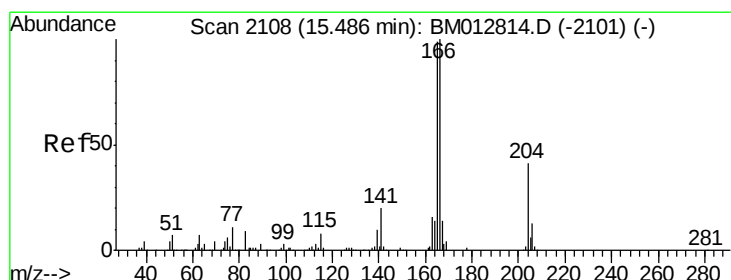
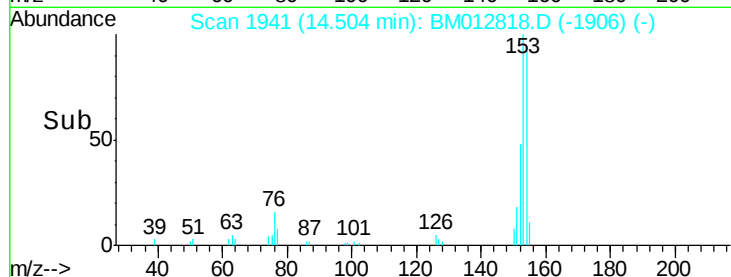
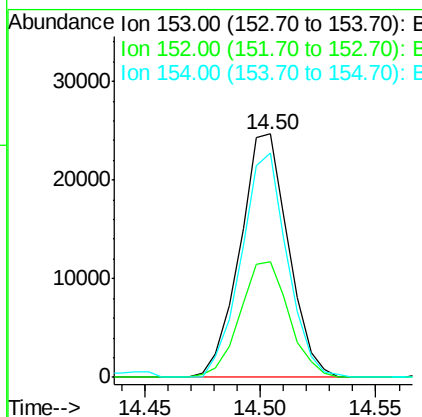
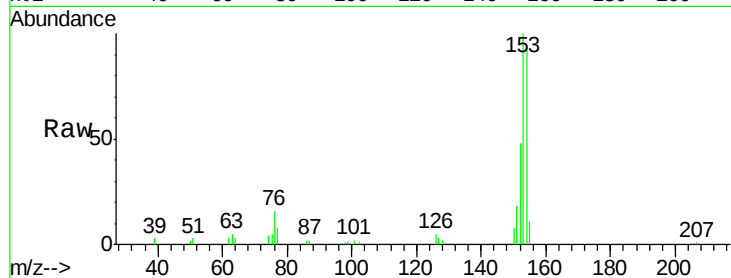
ClientSampleId :

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Tgt Ion:	153	Resp:	36142
Ion Ratio	Lower	Upper	
153	100		
152	47.6	38.3	57.5
154	92.3	71.8	107.8

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#58

Fluorene

Concen: 2.365 ng/ul

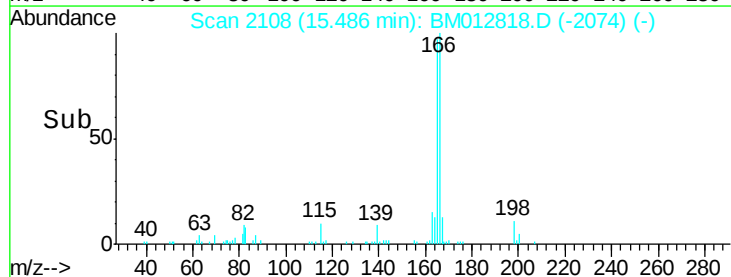
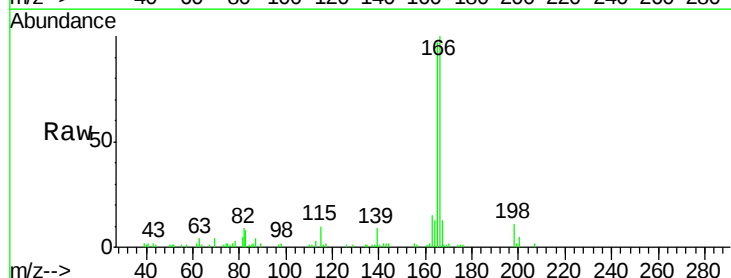
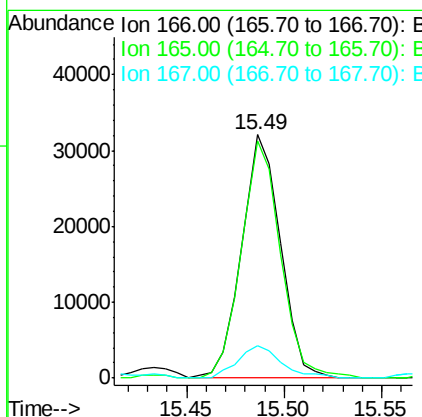
RT: 15.49 min Scan# 2108

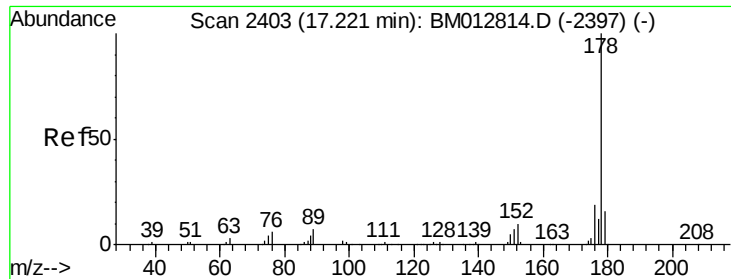
Delta R.T. 0.00 min

Lab File: BM012818.D

Acq: 08 Nov 2017 13:23

Tgt Ion:	166	Resp:	44338
Ion Ratio	Lower	Upper	
166	100		
165	97.3	78.5	117.7
167	13.3	10.7	16.1





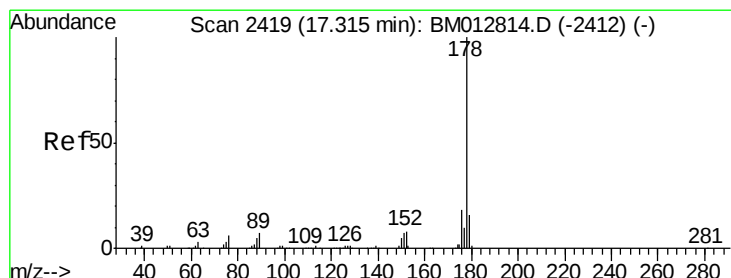
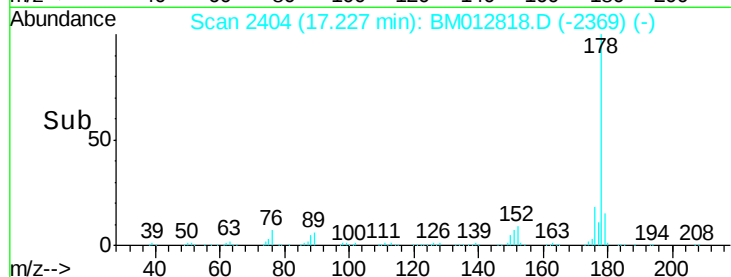
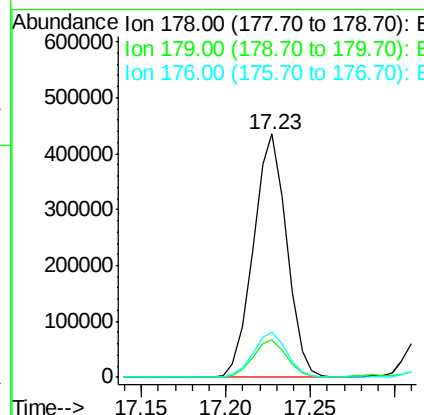
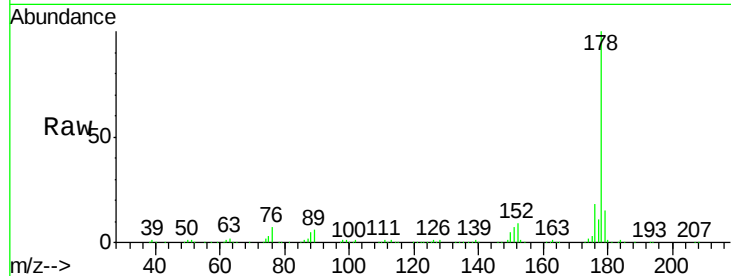
#69
Phenanthrene
Concen: 23.467 ng/ul
RT: 17.23 min Scan# 2404
Delta R.T. 0.01 min
Lab File: BM012818.D
Acq: 08 Nov 2017 13:23

Instrument :
BNA_M
ClientSampleId :
B-71(3-5)-101617

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

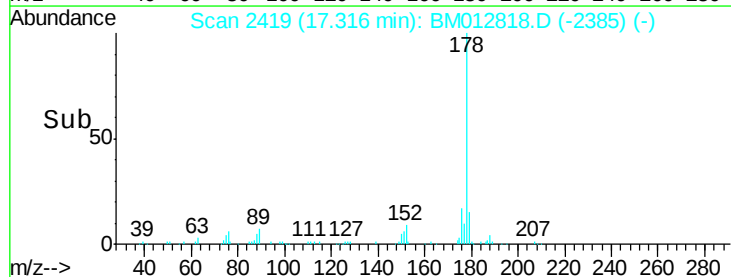
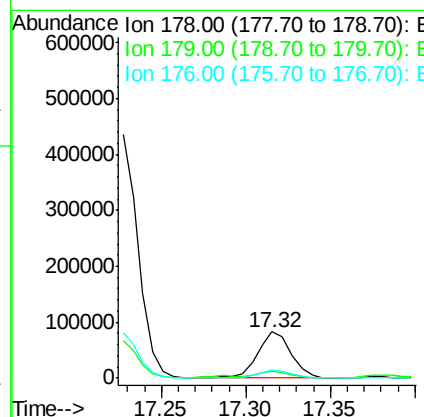
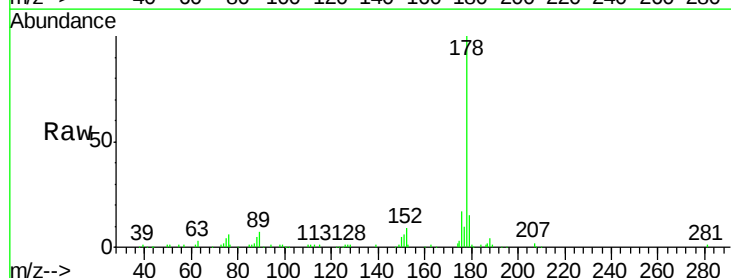
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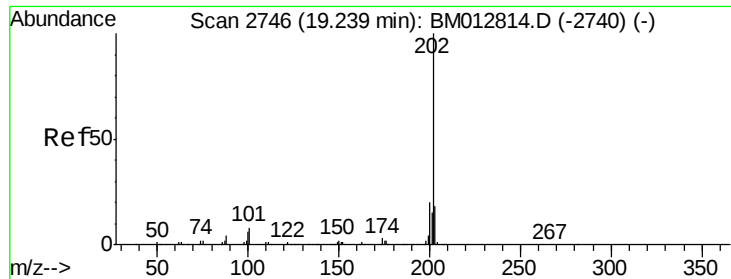
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#71
Anthracene
Concen: 4.282 ng/ul
RT: 17.32 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BM012818.D
Acq: 08 Nov 2017 13:23

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.1	18.1
176	17.2	14.8	22.2





#76

Fluoranthene

Concen: 21.969 ng/ul

RT: 19.24 min Scan# 2746

Delta R.T. 0.00 min

Lab File: BM012818.D

Acq: 08 Nov 2017 13:23

Instrument :

BNA_M

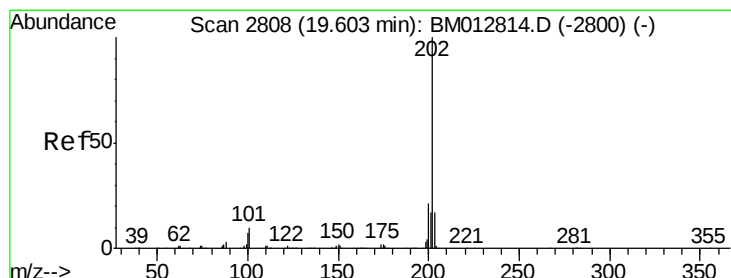
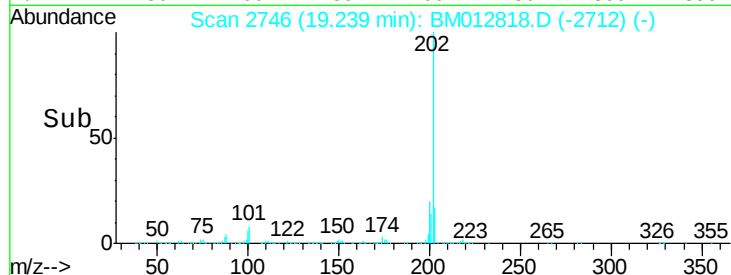
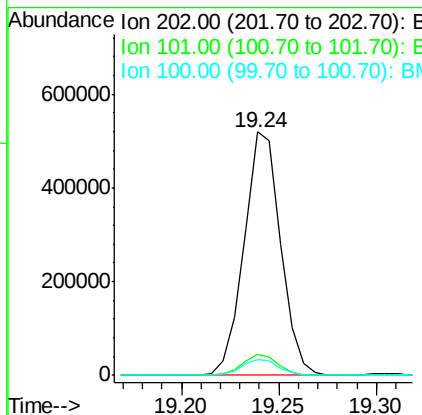
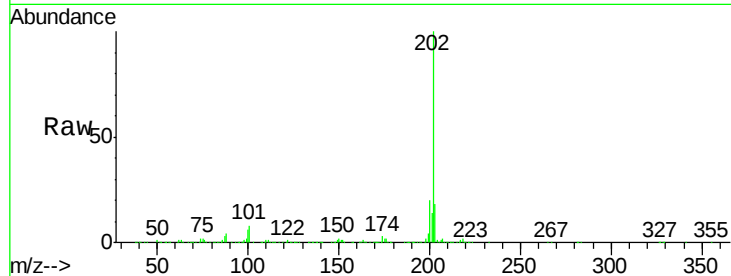
ClientSampleId :

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Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		673182		
101	8.4	8.8	13.2#		
100	6.4	6.6	9.8#		

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#79

Pyrene

Concen: 20.711 ng/ul

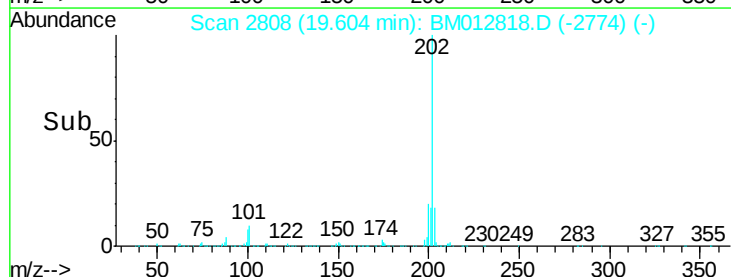
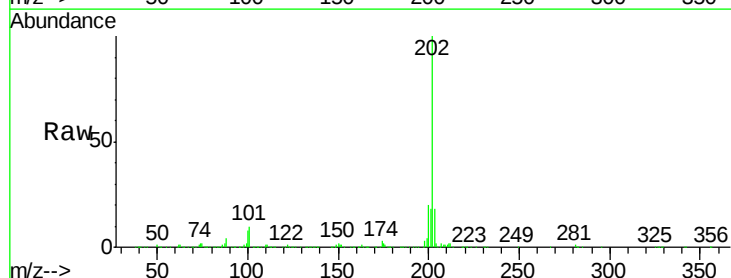
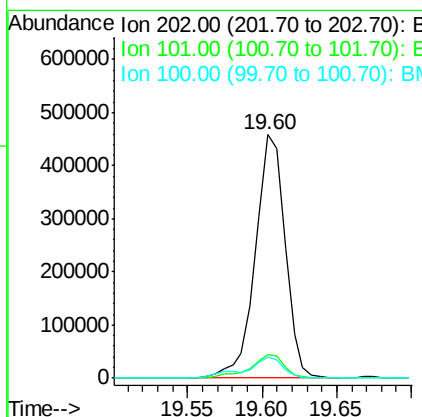
RT: 19.60 min Scan# 2808

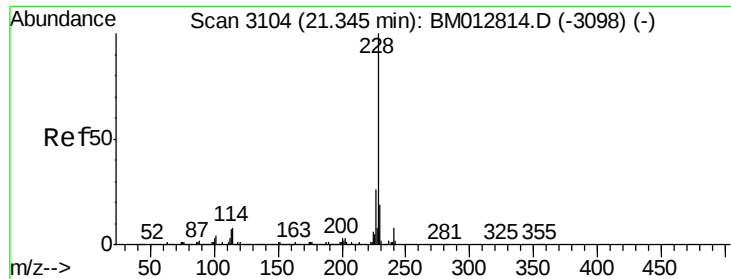
Delta R.T. 0.00 min

Lab File: BM012818.D

Acq: 08 Nov 2017 13:23

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		630364		
101	9.5	10.2	15.2#		
100	8.4	8.5	12.7#		





#82

Benzo(a)anthracene

Concen: 10.227 ng/ul

RT: 21.35 min Scan# 3105

Delta R.T. 0.01 min

Lab File: BM012818.D

Acq: 08 Nov 2017 13:23

Instrument :

BNA_M

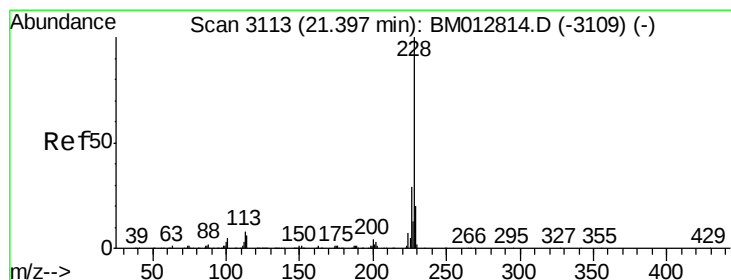
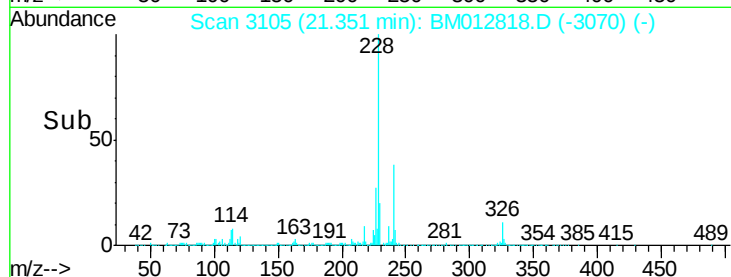
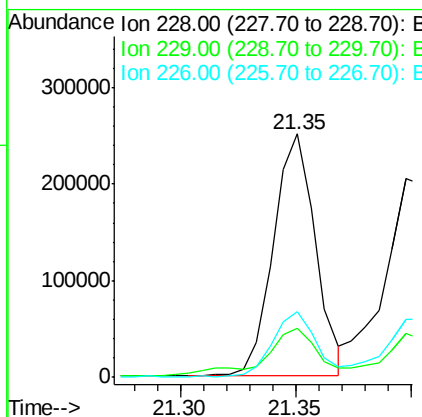
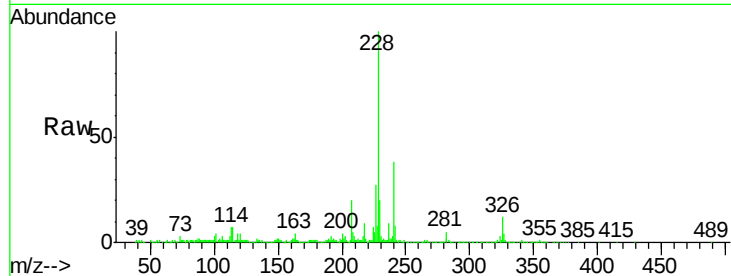
ClientSampleId :

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Tgt	Ion:228	Resp:	315701
Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.7	23.5
226	26.9	21.8	32.6

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#84

Chrysene

Concen: 10.887 ng/ul

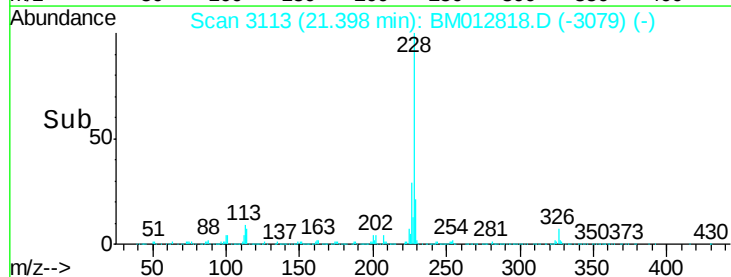
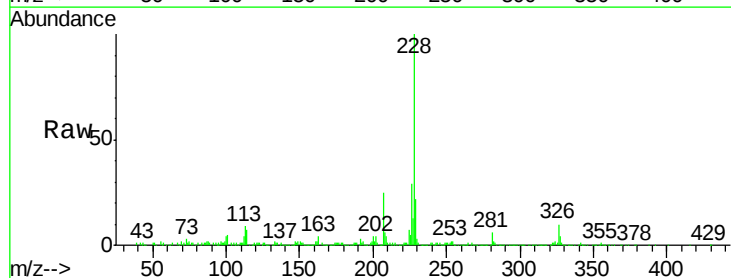
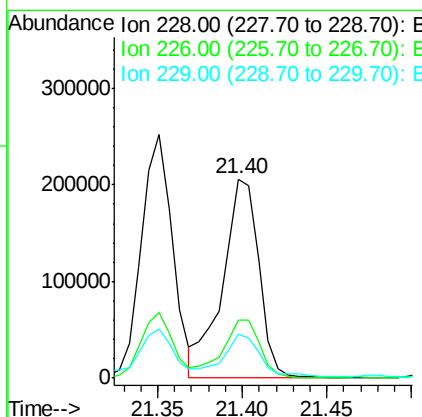
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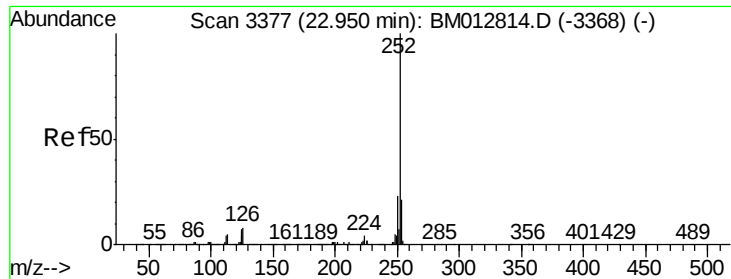
Delta R.T. 0.00 min

Lab File: BM012818.D

Acq: 08 Nov 2017 13:23

Tgt	Ion:228	Resp:	304587
Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.0	36.0
229	21.8	15.6	23.4





#87

Benzo(b)fluoranthene

Concen: 9.598 ng/ul

RT: 22.96 min Scan# 3379

Delta R.T. 0.01 min

Lab File: BM012818.D

Acq: 08 Nov 2017 13:23

Instrument :

BNA_M

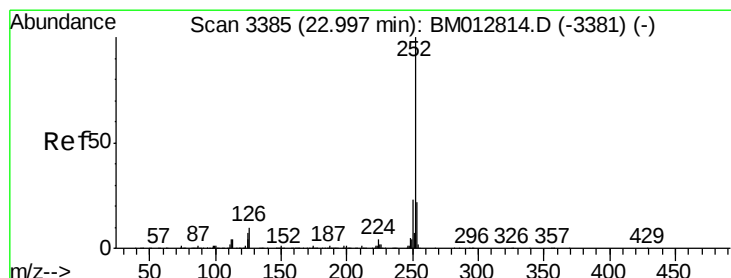
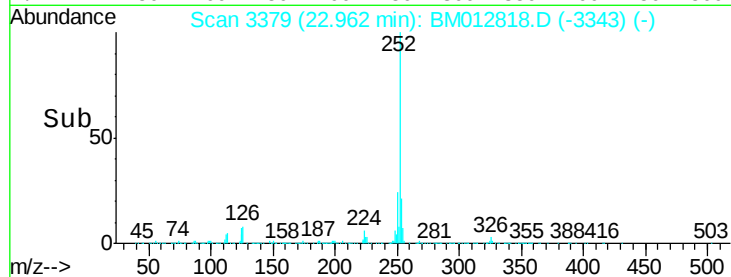
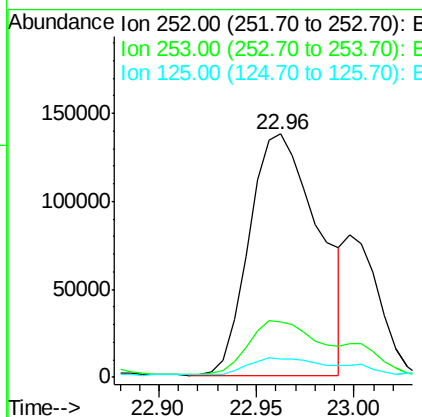
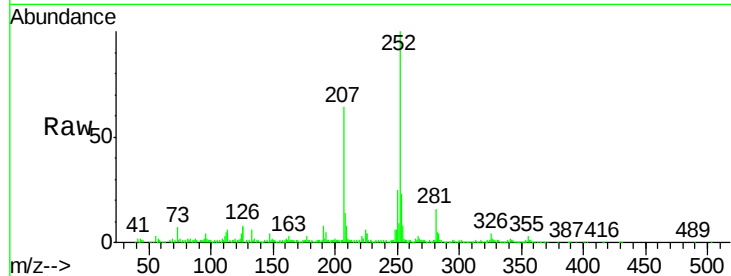
ClientSampleId :

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Tgt Ion:	252	Resp:	337805
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.5	26.3
125	7.4	8.5	12.7#

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#88

Benzo(k)fluoranthene

Concen: 2.878 ng/ul m

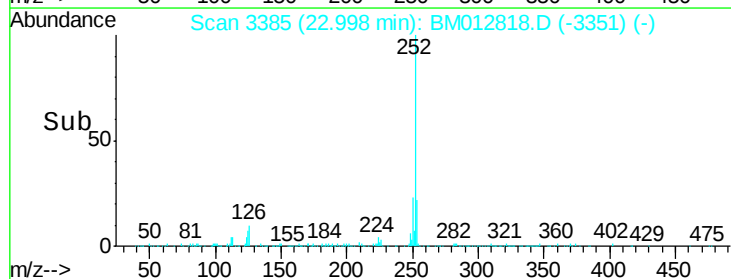
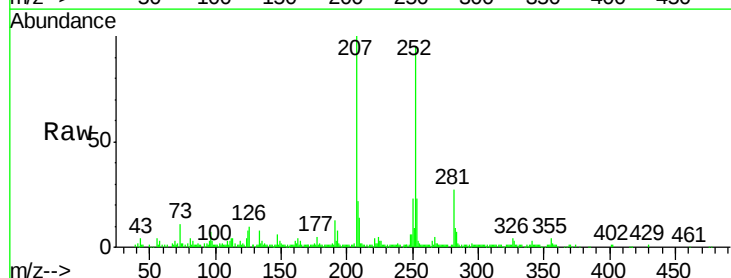
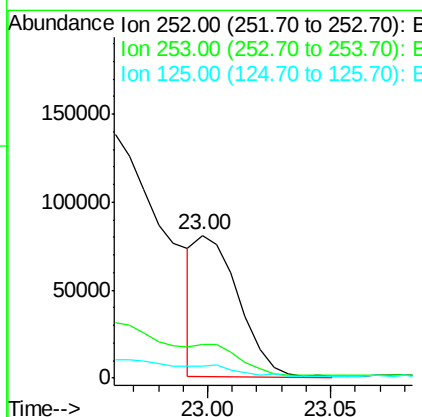
RT: 23.00 min Scan# 3385

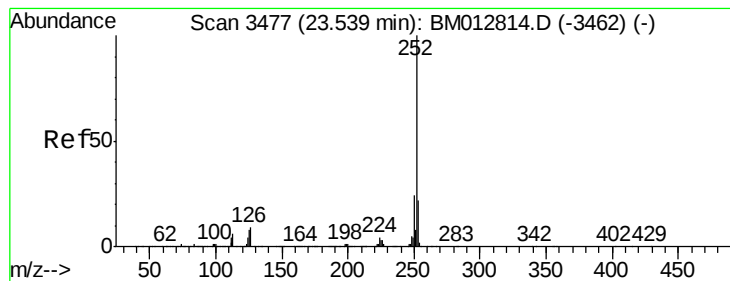
Delta R.T. 0.00 min

Lab File: BM012818.D

Acq: 08 Nov 2017 13:23

Tgt Ion:	252	Resp:	96288
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.3	25.9
125	8.2	8.2	12.2





#90

Benzo(a)pyrene

Concen: 6.986 ng/ul

RT: 23.54 min Scan# 3478

Delta R.T. 0.01 min

Lab File: BM012818.D

Acq: 08 Nov 2017 13:23

Instrument :

BNA_M

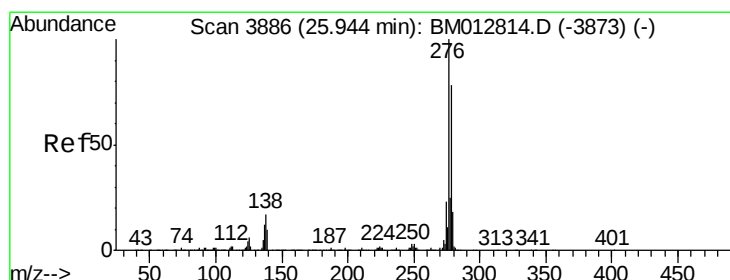
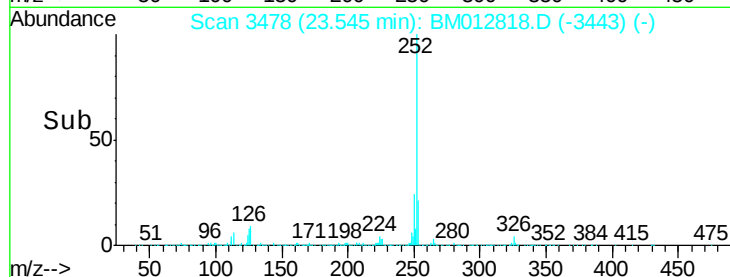
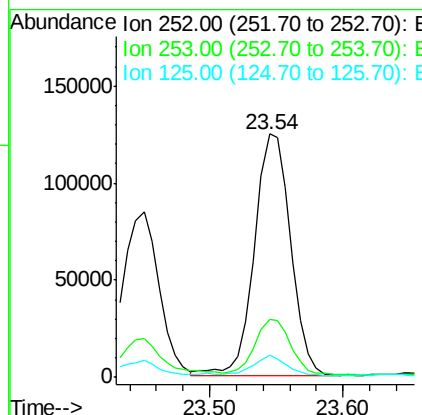
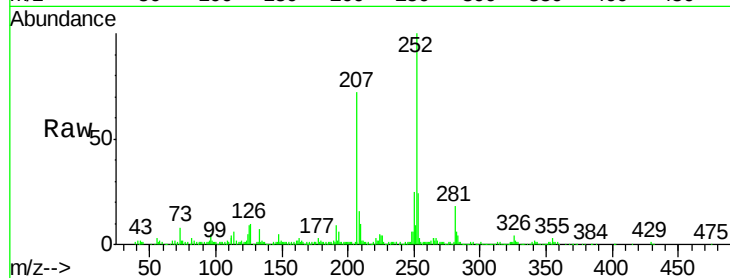
ClientSampleId :

B-71(3-5)-101617

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	233951		
253	23.7	17.2	25.8	
125	9.2	9.0	13.6	

Manual Integrations
APPROVED

Sohil
11/9/2017 3:48:24 PM



#91

Indeno(1,2,3-cd)pyrene

Concen: 3.407 ng/ul

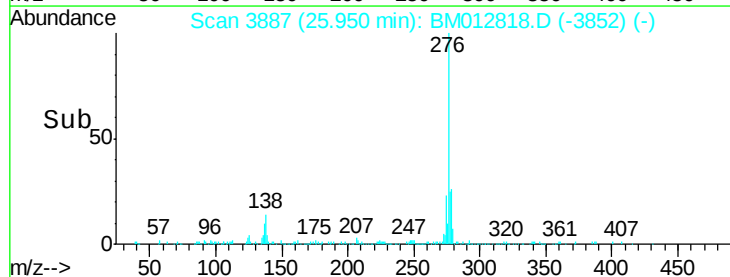
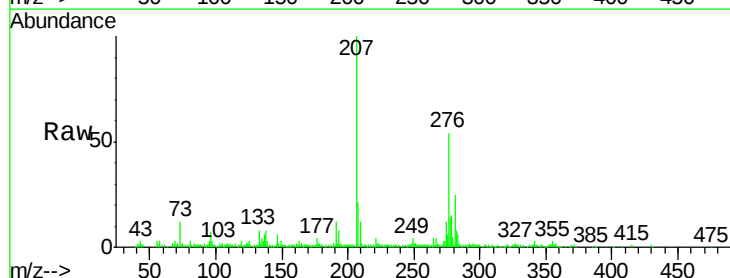
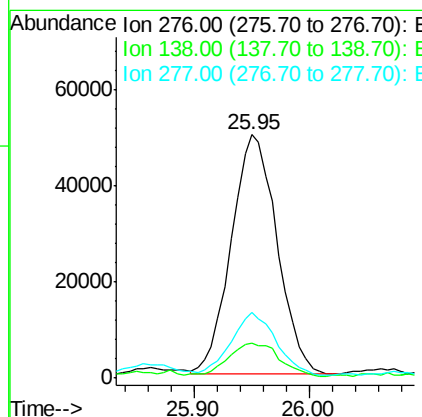
RT: 25.95 min Scan# 3887

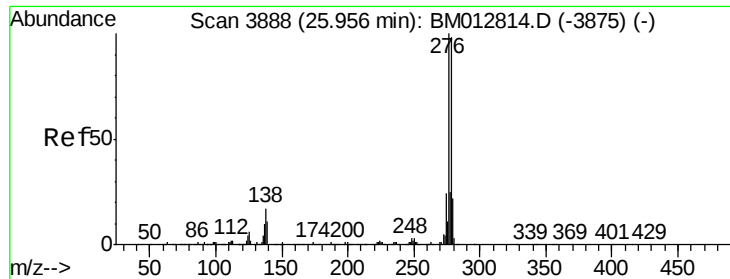
Delta R.T. 0.01 min

Lab File: BM012818.D

Acq: 08 Nov 2017 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	137524		
138	14.3	22.3	33.5#	
277	26.8	20.2	30.2	





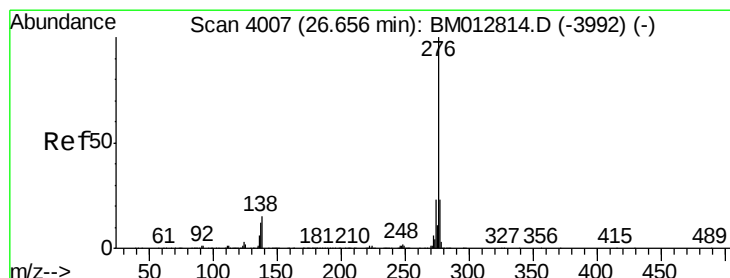
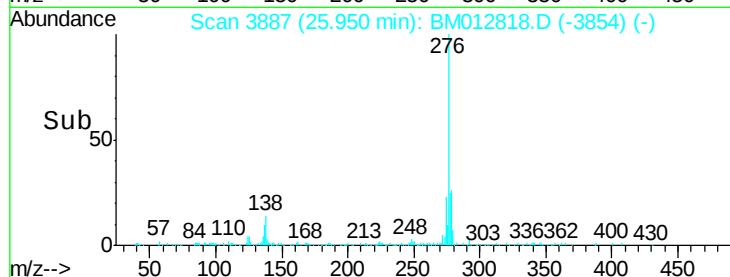
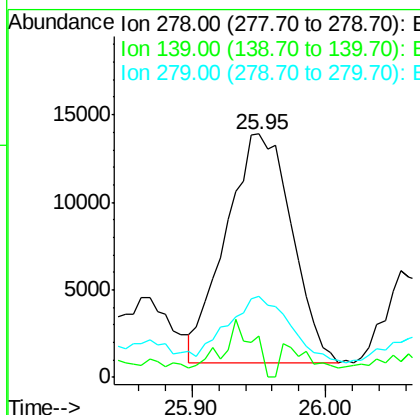
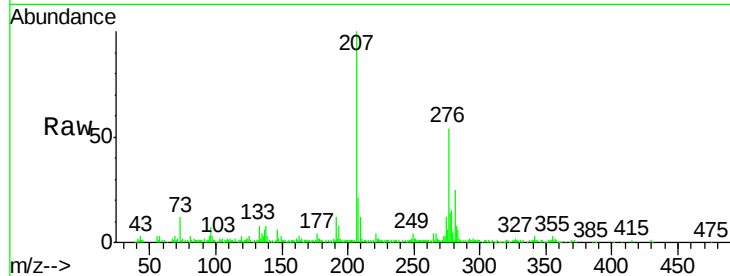
#92
Dibenzo(a,h)anthracene
Concen: 1.309 ng/ul
RT: 25.95 min Scan# 3887
Delta R.T. -0.01 min
Lab File: BM012818.D
Acq: 08 Nov 2017 13:23

Instrument :
BNA_M
ClientSampleId :
B-71(3-5)-101617

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.0	13.9	20.9
279	33.3	19.0	28.4

Manual Integrations
APPROVED

Sohil
11/9/2017 3:48:24 PM



#93
Benzo(g,h,i)perylene
Concen: 3.557 ng/ul
RT: 26.66 min Scan# 4008
Delta R.T. 0.01 min
Lab File: BM012818.D
Acq: 08 Nov 2017 13:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.2	18.9	28.3
277	24.6	19.2	28.8

