

Data File : BM012156.D
Acq On : 14 Oct 2017 04:27
Operator : SJ/JU
Sample : I5649-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-59(FILL)-100317

Quant Time: Oct 14 05:07:33 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 14 05:07:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	231023	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	1000113	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	587954	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1251153	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1020988	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	1048724	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	6792	1.40	ng/uL	0.00
5) Phenol-d5	6.99	99	471293	25.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	286162	25.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	412121	25.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	425845	26.39	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	205708	26.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	250024	28.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	449115	26.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	477034	29.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	1482485	28.53	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1789976	28.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	163878	20.98	ng/ul	0.00
57) Fluorene-d10	15.47	176	1205887	28.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	197858	23.04	ng/ul	0.00
70) Anthracene-d10	17.32	188	1734084	28.03	ng/ul	0.00
76) Pyrene-d10	19.62	212	1702176	32.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	1444334	28.57	ng/ul	0.00

Target Compounds				Qvalue		
44) Dimethylphthalate	13.93	163	164598	3.16 ng/ul#	98	
69) Phenanthrene	17.26	178	106856	1.50 ng/ul	98	
71) Anthracene	17.26	178	106856	1.45 ng/ul	99	
74) Fluoranthene	19.28	202	267335	3.11 ng/ul#	94	
77) Pyrene	19.64	202	253900	3.77 ng/ul#	92	
80) Benzo(a)anthracene	21.39	228	137360	2.07 ng/ul	95	
82) Chrysene	21.43	228	136396	2.19 ng/ul	95	
85) Benzo(b)fluoranthene	23.02	252	207772	3.04 ng/ul#	91	
86) Benzo(k)fluoranthene	23.02	252	207772	3.15 ng/ul#	89	
88) Benzo(a)pyrene	23.61	252	134225	2.08 ng/ul#	90	
89) Indeno(1,2,3-cd)pyrene	26.08	276	103103	1.51 ng/ul#	92	
91) Benzo(g,h,i)perylene	26.81	276	85769	1.53 ng/ul#	85	

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

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B-59(FILL)-100317

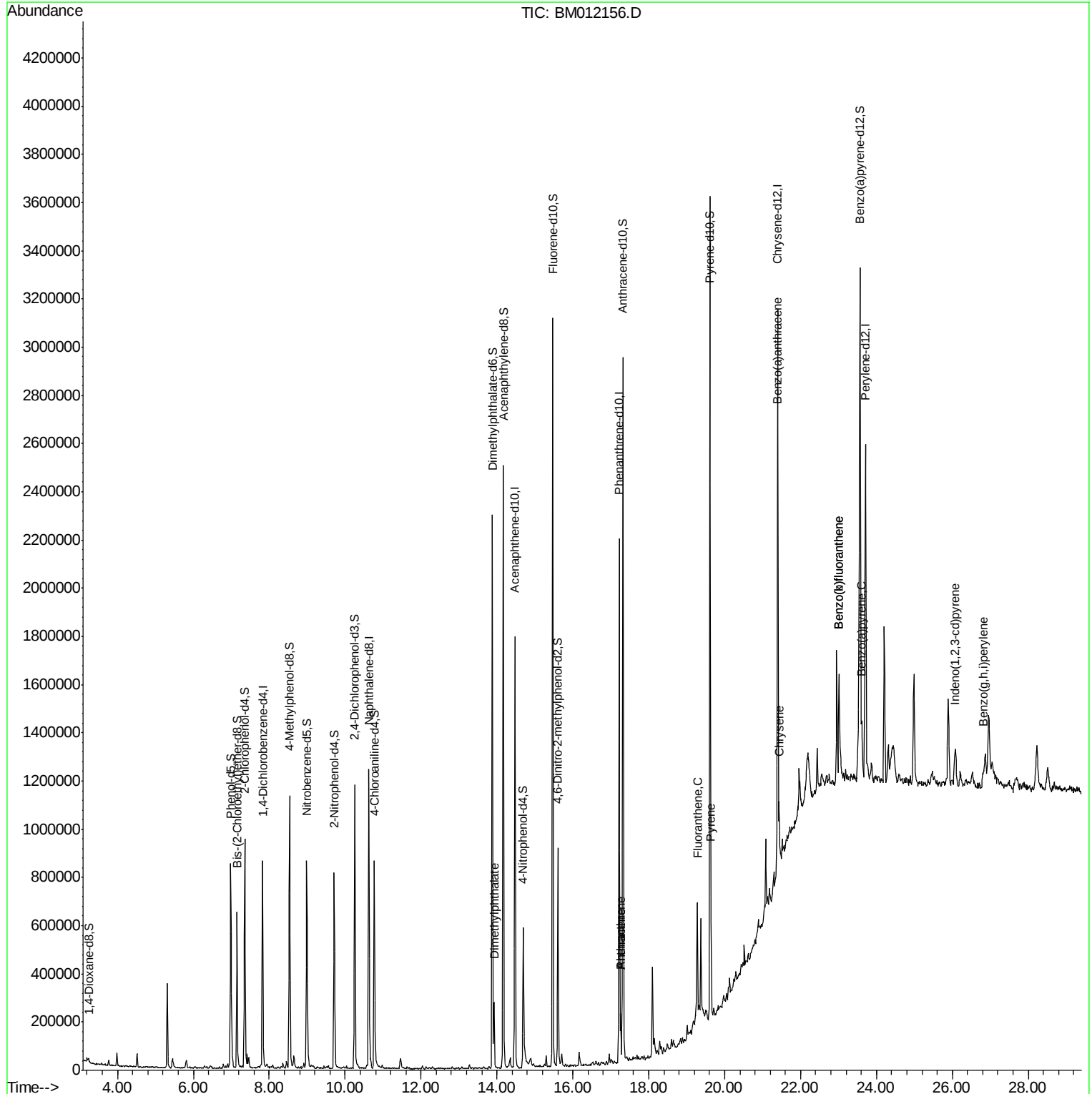
Quant Time: Oct 14 05:07:33 2017

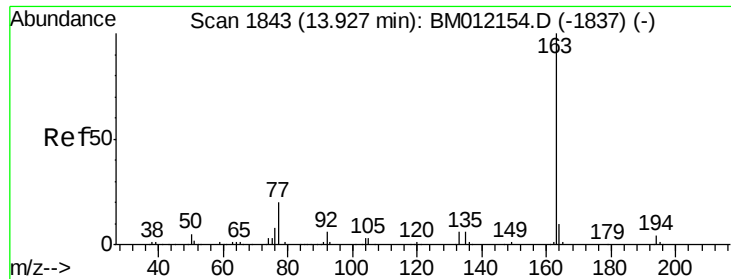
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Oct 14 05:07:33 2017

Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 3.16 ng/ul

RT: 13.93 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BM012156.D

Acq: 14 Oct 2017 04:27

Instrument :

BNA_M

ClientSampleId :

B-59(FILL)-100317

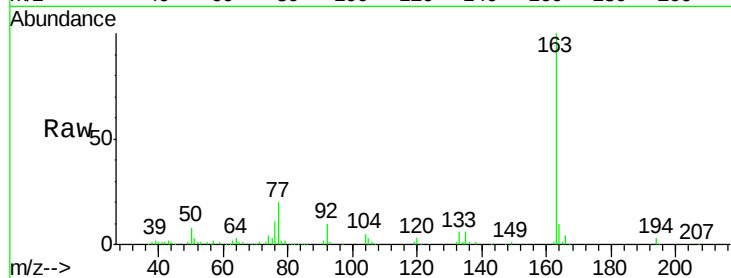
Tgt Ion:163 Resp: 164598

Ion Ratio Lower Upper

163 100

194 3.3 3.5 5.3#

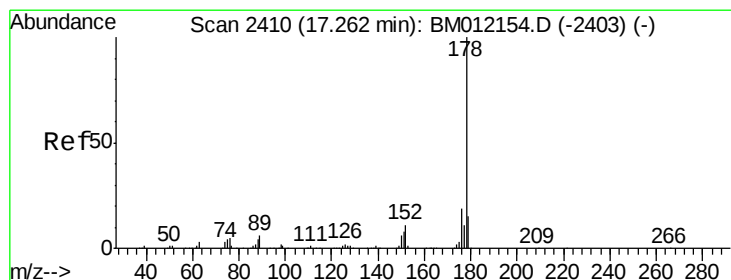
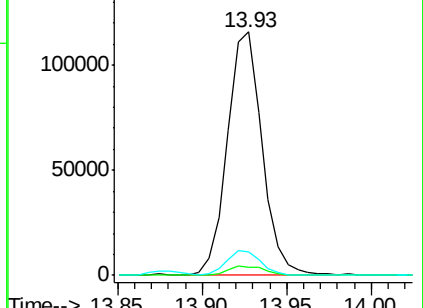
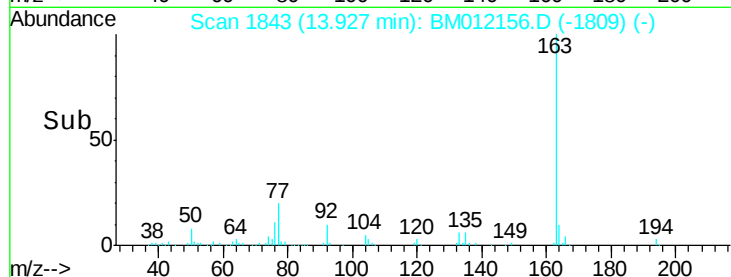
164 9.5 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69

Phenanthrene

Concen: 1.50 ng/ul

RT: 17.26 min Scan# 2410

Delta R.T. 0.00 min

Lab File: BM012156.D

Acq: 14 Oct 2017 04:27

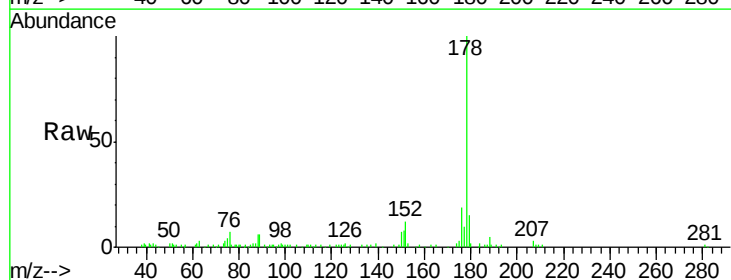
Tgt Ion:178 Resp: 106856

Ion Ratio Lower Upper

178 100

179 14.8 12.6 19.0

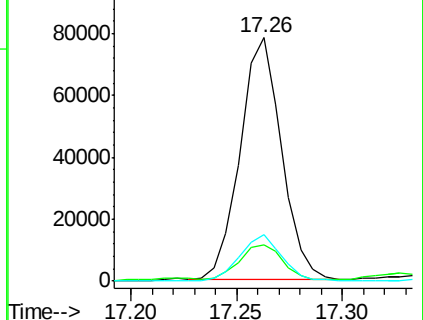
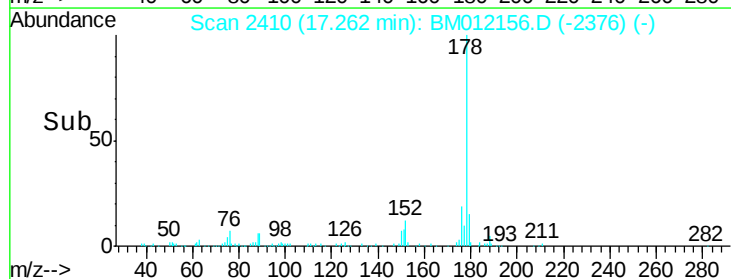
176 19.2 14.9 22.3

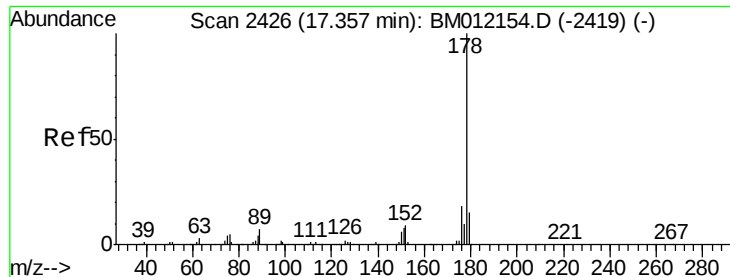


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

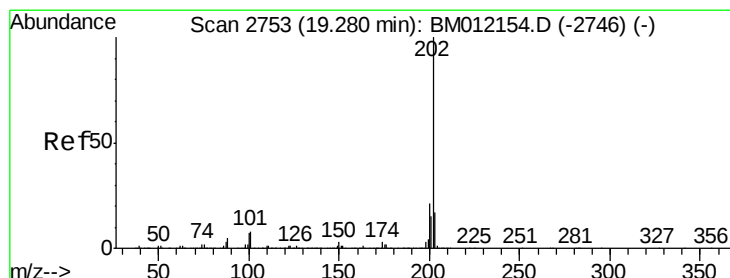
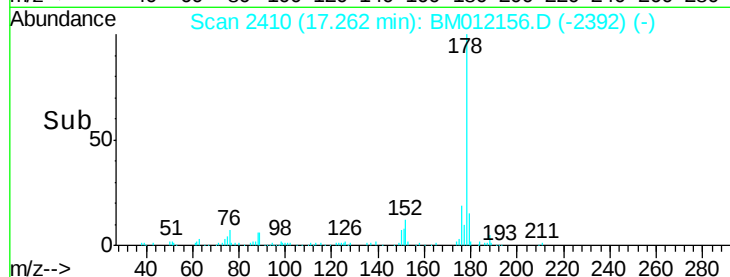
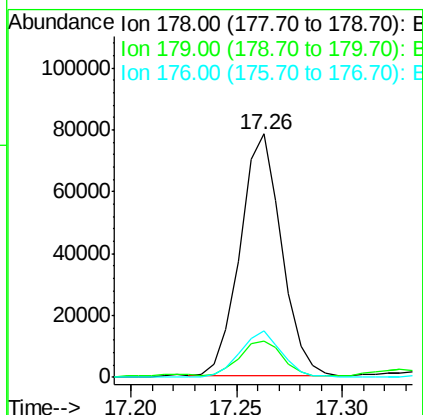
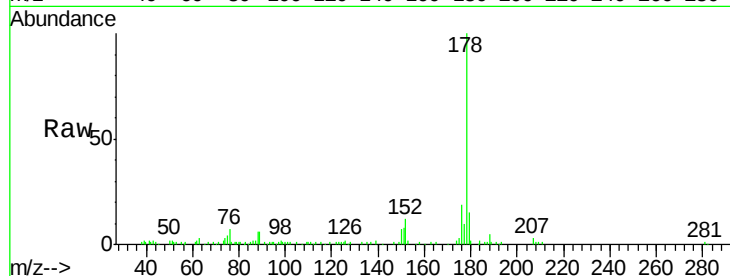




#71
 Anthracene
 Concen: 1.45 ng/ul
 RT: 17.26 min Scan# 2410
 Delta R.T. -0.09 min
 Lab File: BM012156.D
 Acq: 14 Oct 2017 04:27

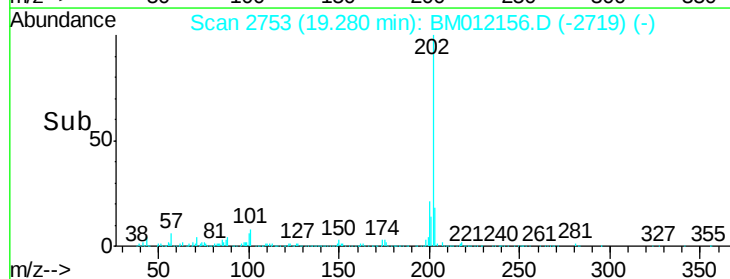
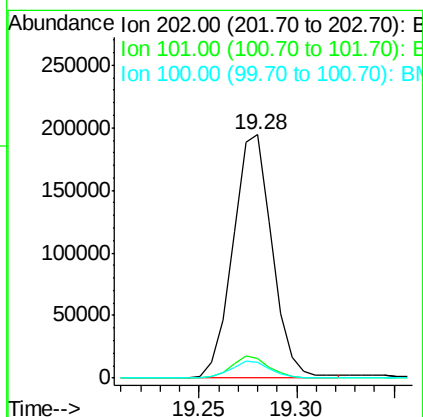
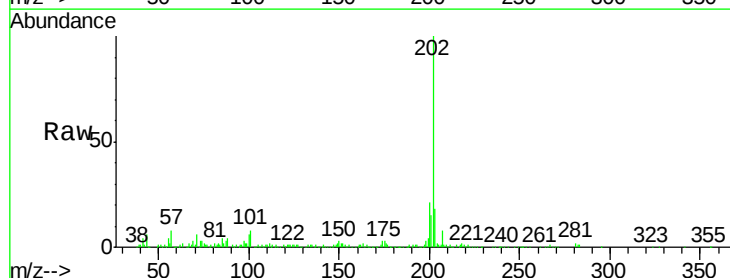
Instrument :
 BNA_M
 ClientSampleId :
 B-59(FILL)-100317

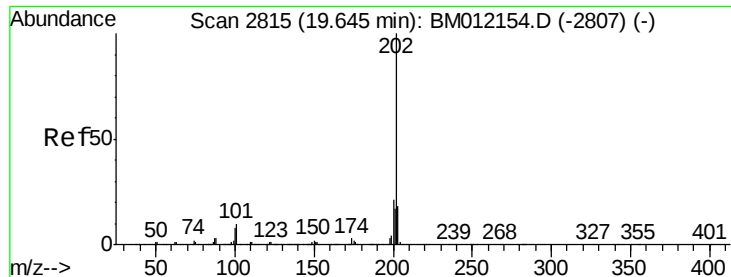
Tgt Ion:178 Resp: 106856
 Ion Ratio Lower Upper
 178 100
 179 14.8 11.7 17.5
 176 19.2 14.6 21.8



#74
 Fluoranthene
 Concen: 3.11 ng/ul
 RT: 19.28 min Scan# 2753
 Delta R.T. 0.00 min
 Lab File: BM012156.D
 Acq: 14 Oct 2017 04:27

Tgt Ion:202 Resp: 267335
 Ion Ratio Lower Upper
 202 100
 101 8.0 4.6 7.0#
 100 6.2 3.4 5.2#





#77

Pyrene

Concen: 3.77 ng/ul

RT: 19.64 min Scan# 2814

Delta R.T. -0.01 min

Lab File: BM012156.D

Acq: 14 Oct 2017 04:27

Instrument :

BNA_M

ClientSampleId :

B-59(FILL)-100317

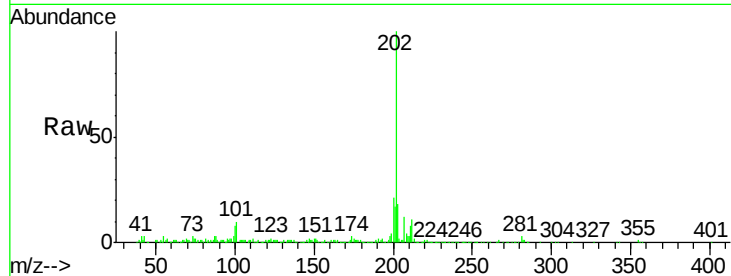
Tgt Ion:202 Resp: 253900

Ion Ratio Lower Upper

202 100

101 9.5 5.1 7.7#

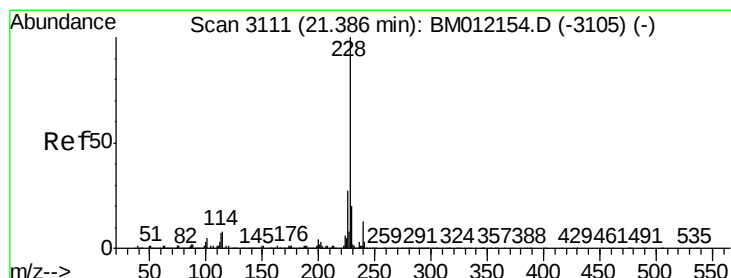
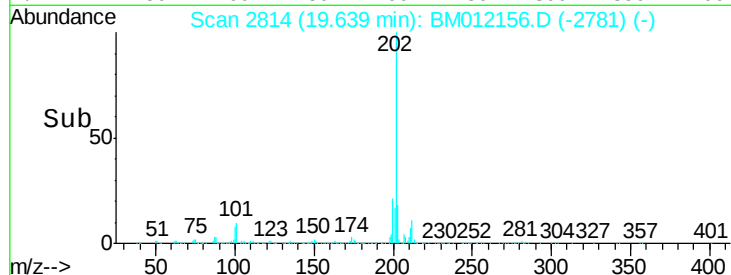
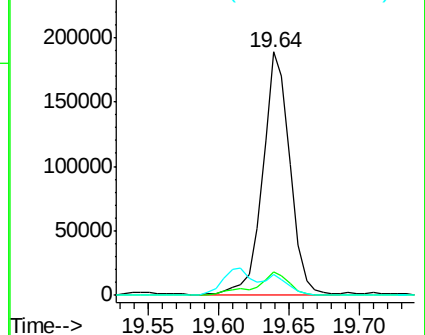
100 8.3 4.9 7.3#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 2.07 ng/ul

RT: 21.39 min Scan# 3111

Delta R.T. 0.00 min

Lab File: BM012156.D

Acq: 14 Oct 2017 04:27

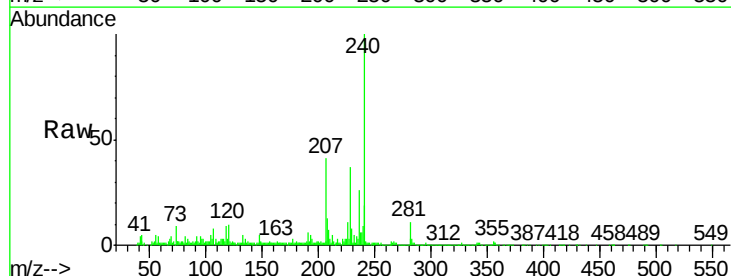
Tgt Ion:228 Resp: 137360

Ion Ratio Lower Upper

228 100

229 21.9 15.4 23.0

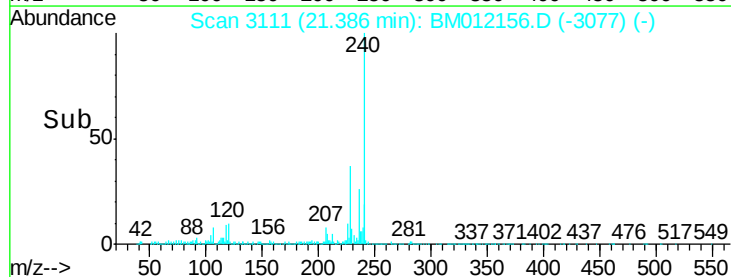
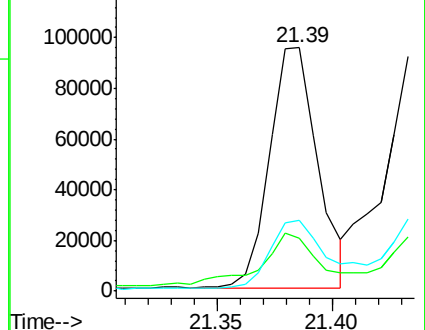
226 29.0 21.4 32.0

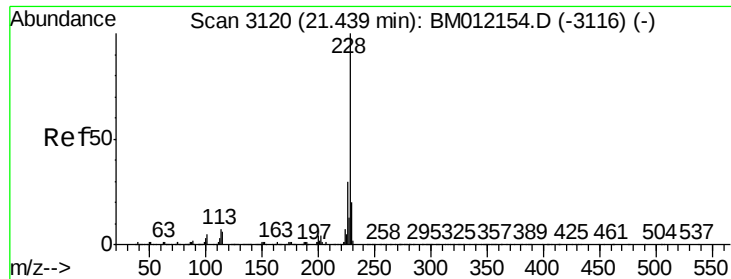


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 2.19 ng/ul

RT: 21.43 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BM012156.D

Acq: 14 Oct 2017 04:27

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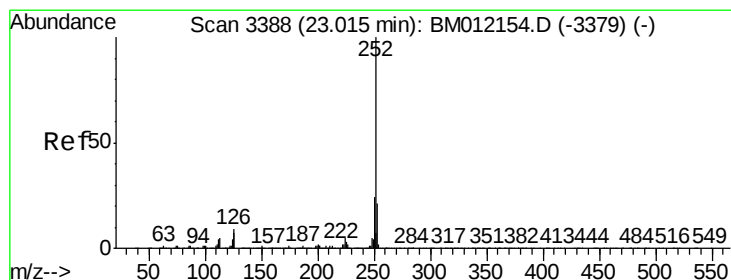
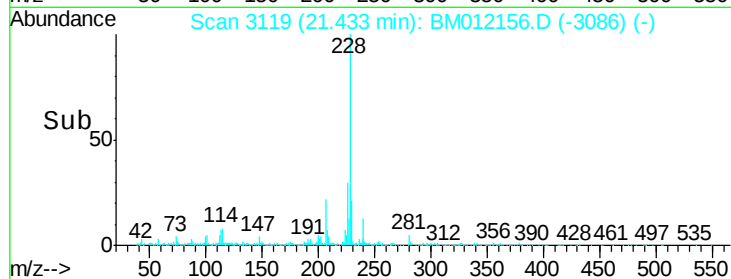
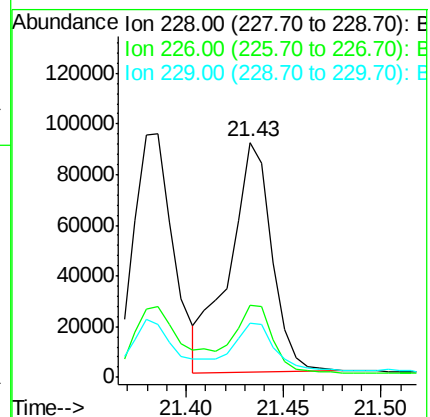
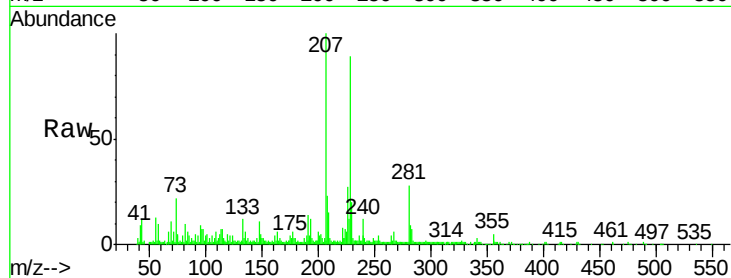
Tgt Ion:228 Resp: 136396

Ion Ratio Lower Upper

228 100

226 30.7 23.4 35.2

229 22.9 15.5 23.3



#85

Benzo(b)fluoranthene

Concen: 3.04 ng/ul

RT: 23.02 min Scan# 3388

Delta R.T. 0.00 min

Lab File: BM012156.D

Acq: 14 Oct 2017 04:27

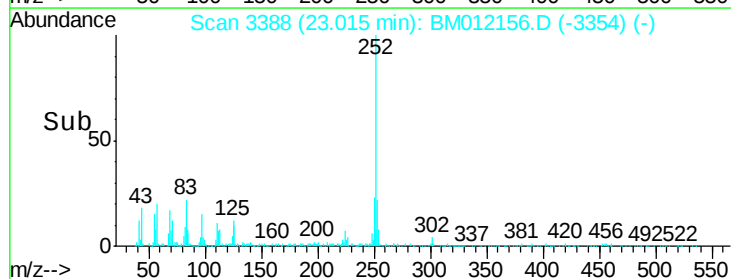
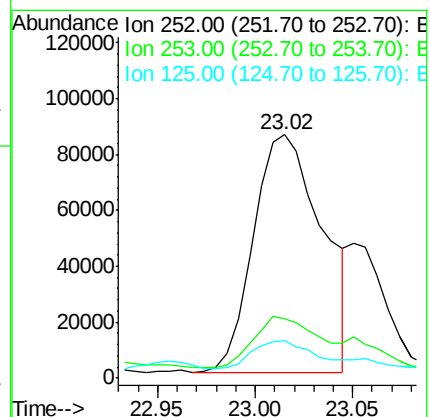
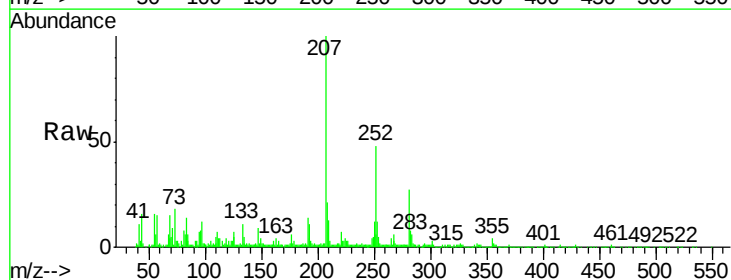
Tgt Ion:252 Resp: 207772

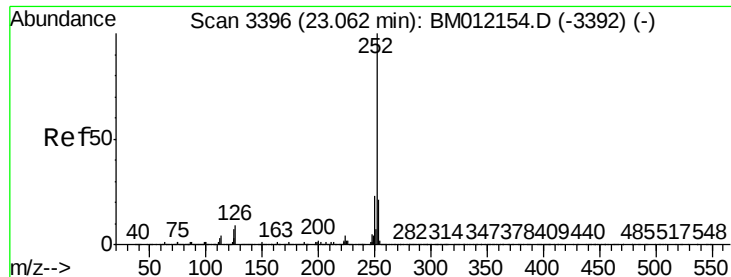
Ion Ratio Lower Upper

252 100

253 24.6 17.9 26.9

125 15.2 3.6 5.4#





#86

Benzo(k)fluoranthene

Concen: 3.15 ng/ul

RT: 23.02 min Scan# 3388

Delta R.T. -0.05 min

Lab File: BM012156.D

Acq: 14 Oct 2017 04:27

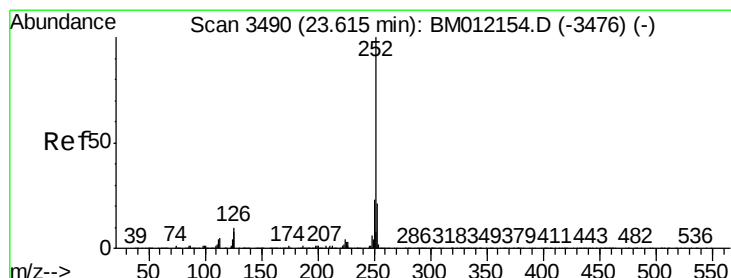
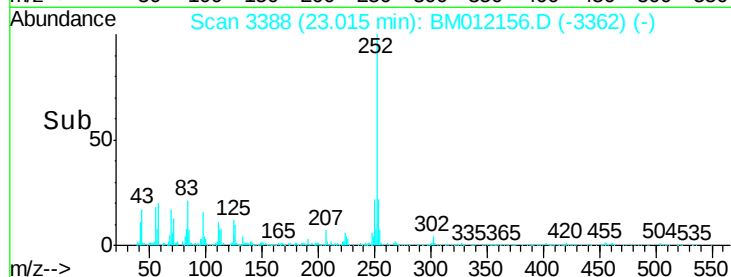
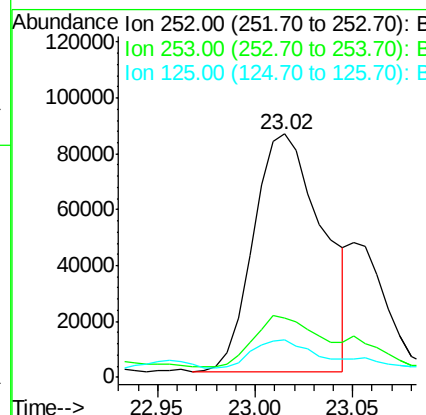
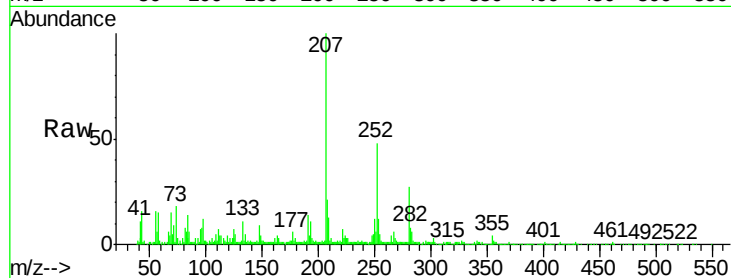
Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:	252	Resp:	207772
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.1	25.7
125	15.2	3.4	5.2#



#88

Benzo(a)pyrene

Concen: 2.08 ng/ul

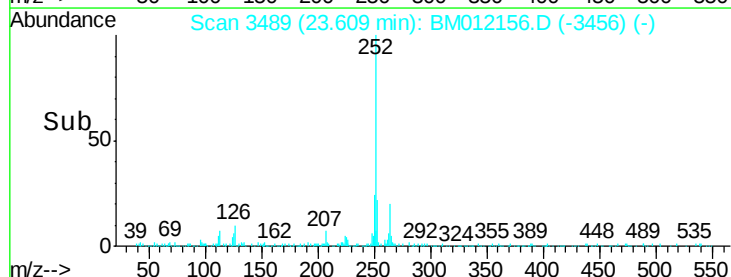
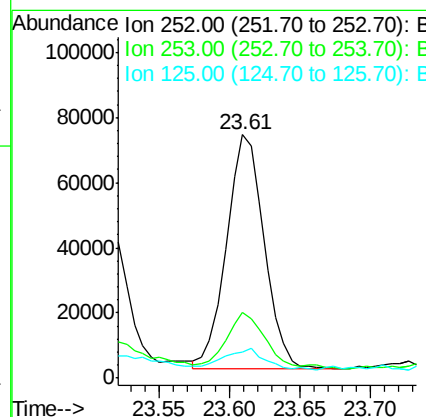
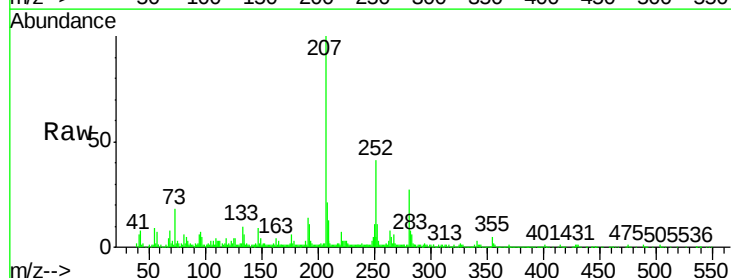
RT: 23.61 min Scan# 3489

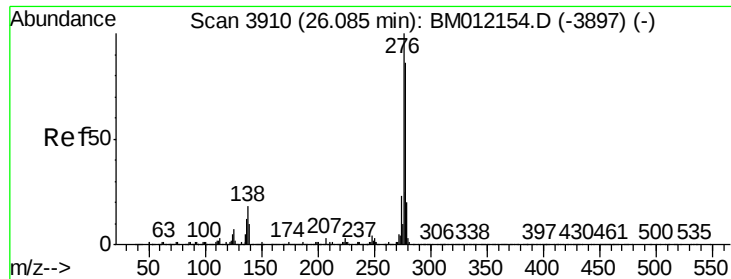
Delta R.T. -0.01 min

Lab File: BM012156.D

Acq: 14 Oct 2017 04:27

Tgt Ion:	252	Resp:	134225
Ion Ratio	Lower	Upper	
252	100		
253	26.9	18.2	27.2
125	10.8	4.0	6.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.51 ng/ul

RT: 26.08 min Scan# 3909

Delta R.T. -0.01 min

Lab File: BM012156.D

Acq: 14 Oct 2017 04:27

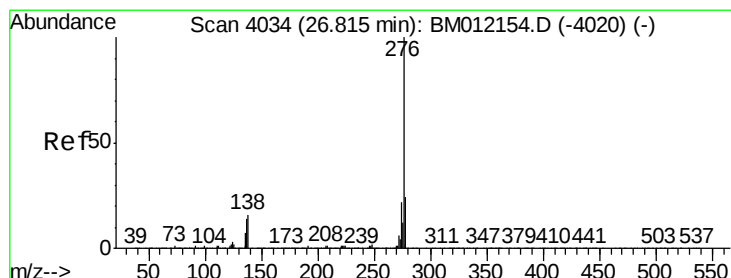
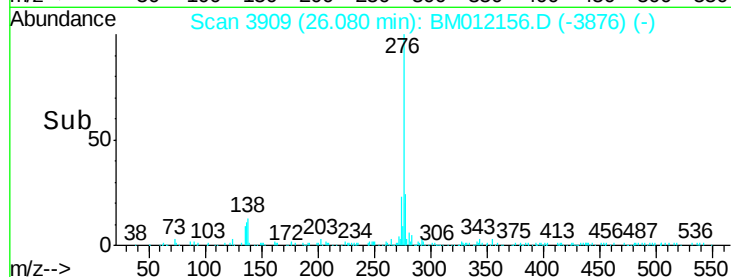
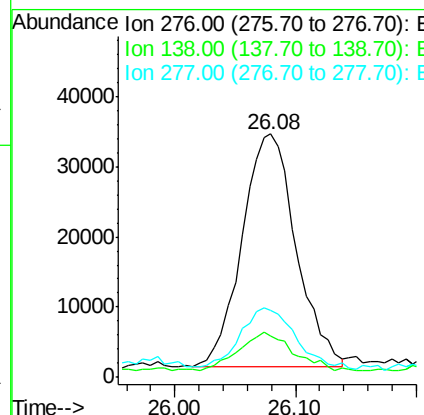
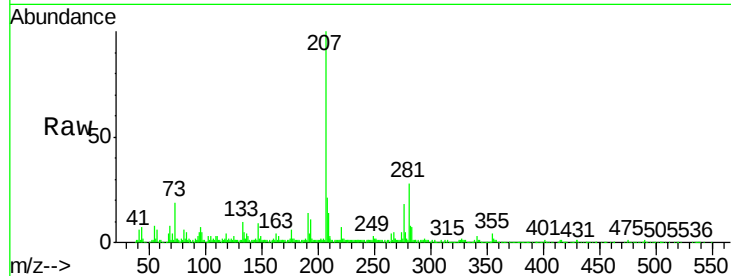
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Tgt Ion:	276	Resp:	103103
Ion Ratio		Lower	Upper
276	100		
138	16.8	9.3	13.9#
277	27.3	19.9	29.9



#91

Benzo(g,h,i)perylene

Concen: 1.53 ng/ul

RT: 26.81 min Scan# 4034

Delta R.T. 0.00 min

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Tgt Ion:	276	Resp:	85769
Ion Ratio		Lower	Upper
276	100		
138	20.6	8.5	12.7#
277	28.2	18.6	28.0#

