

Data File : BM012155.D
Acq On : 14 Oct 2017 03:51
Operator : SJ/JU
Sample : I5649-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-39(0.5-1.5)-100317

Quant Time: Oct 14 05:07:19 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 14 05:07:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	211704	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	878016	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	481901	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	986422	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	938843	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	973589	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	18969	4.26	ng/uL	0.00
5) Phenol-d5	6.99	99	473912	27.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	301702	29.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	427762	29.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	376242	25.44	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	220402	32.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	266443	34.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	484854	32.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	370352	26.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	1597621	37.51	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1922370	37.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	155492	24.28	ng/ul	0.00
57) Fluorene-d10	15.47	176	1299079	37.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	177176	26.17	ng/ul	0.00
70) Anthracene-d10	17.32	188	1882858	38.60	ng/ul	0.00
76) Pyrene-d10	19.62	212	2036316	42.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	1894011	40.35	ng/ul	0.00

Target Compounds				Qvalue		
6) Phenol	7.02	94	22738	1.28	ng/ul	98
44) Dimethylphthalate	13.93	163	451768	10.59	ng/ul	99
69) Phenanthrene	17.26	178	252825	4.51	ng/ul	99
74) Fluoranthene	19.28	202	478489	7.07	ng/ul#	92
77) Pyrene	19.64	202	517631	8.35	ng/ul#	92
80) Benzo(a)anthracene	21.39	228	282430	4.62	ng/ul	98
82) Chrysene	21.44	228	265820	4.63	ng/ul	98
85) Benzo(b)fluoranthene	23.02	252	341606	5.38	ng/ul#	93
86) Benzo(k)fluoranthene	23.02	252	341606	5.58	ng/ul#	91
88) Benzo(a)pyrene	23.61	252	272266	4.55	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.09	276	176858	2.78	ng/ul#	95
91) Benzo(g,h,i)perylene	26.81	276	169945	3.26	ng/ul#	92

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

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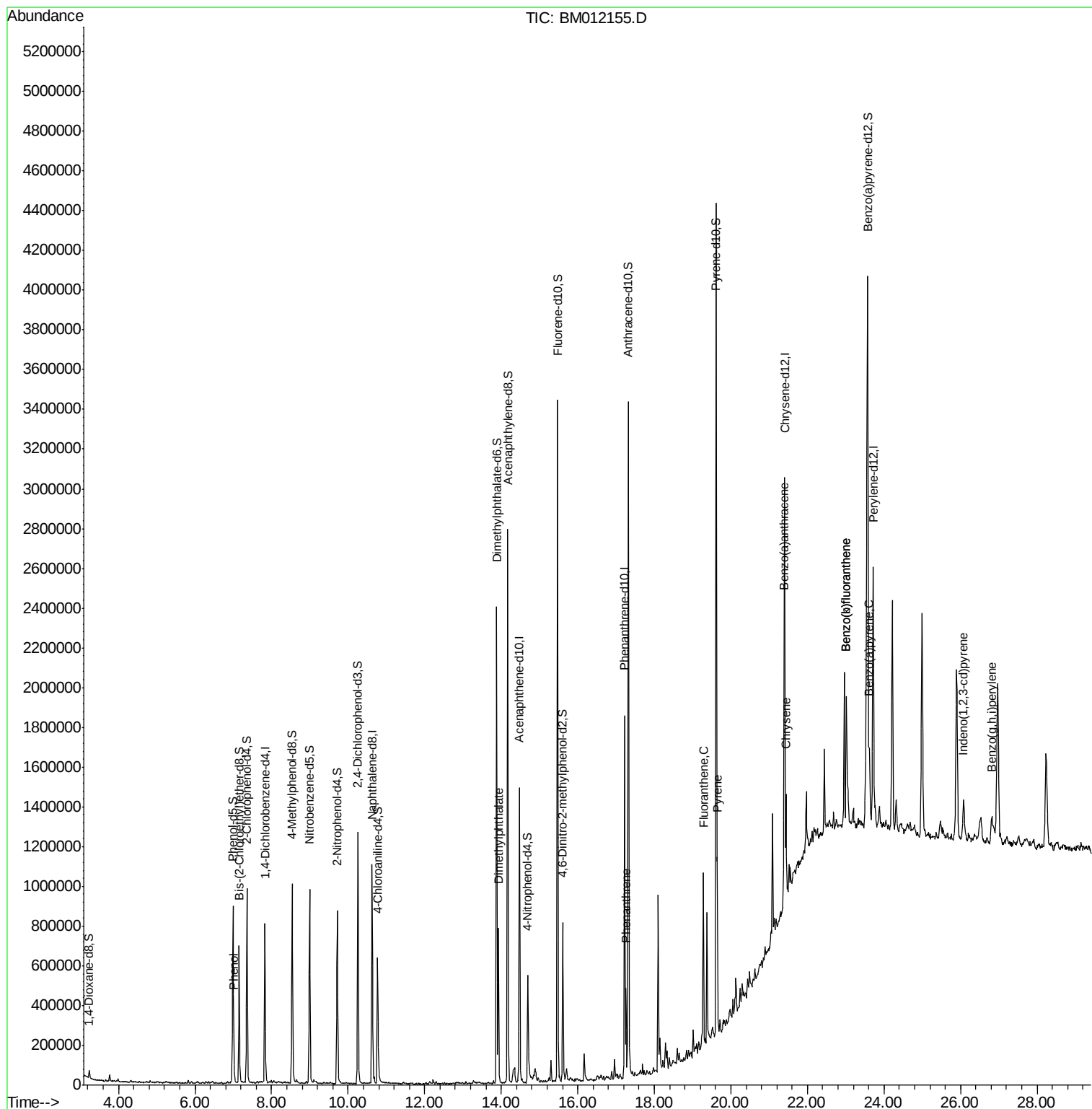
Quant Time: Oct 14 05:07:19 2017

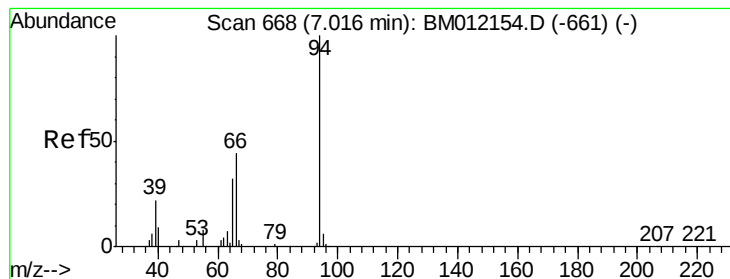
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Oct 14 05:07:25 2017

Response via : Initial Calibration





#6

Phenol

Concen: 1.28 ng/ul

RT: 7.02 min Scan# 668

Delta R.T. -0.00 min

Lab File: BM012155.D

Acq: 14 Oct 2017 03:51

Instrument :

BNA_M

ClientSampleId :

B-39(0.5-1.5)-100317

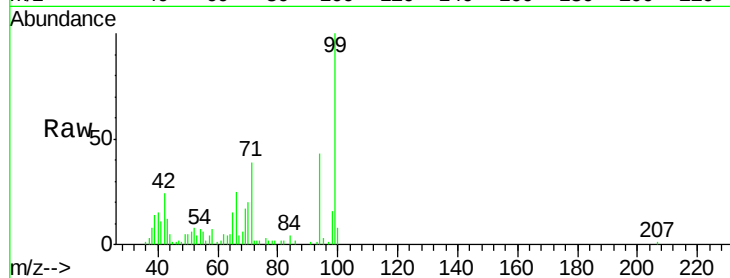
Tgt Ion: 94 Resp: 22738

Ion Ratio Lower Upper

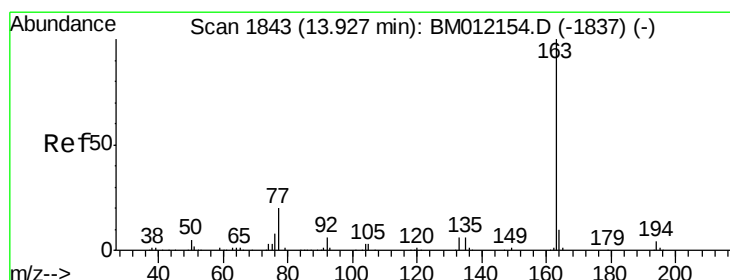
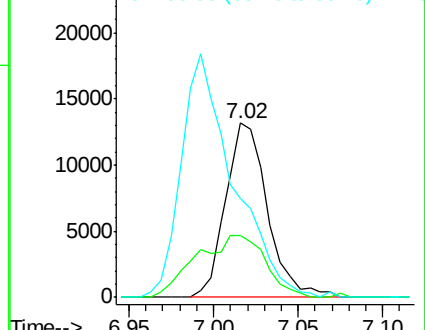
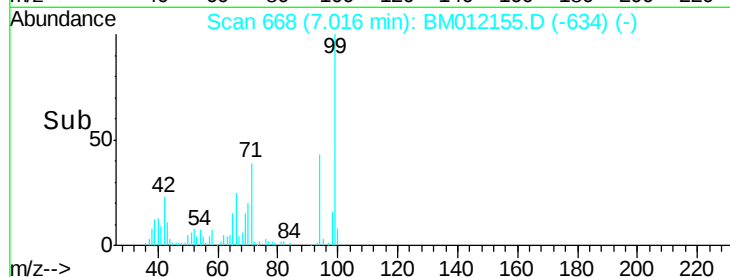
94 100

65 35.8 28.2 42.4

66 57.0 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM012155.D (-634) (-)



#44

Dimethylphthalate

Concen: 10.59 ng/ul

RT: 13.93 min Scan# 1843

Delta R.T. -0.00 min

Lab File: BM012155.D

Acq: 14 Oct 2017 03:51

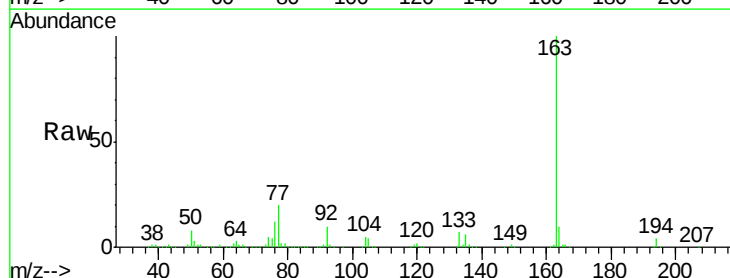
Tgt Ion: 163 Resp: 451768

Ion Ratio Lower Upper

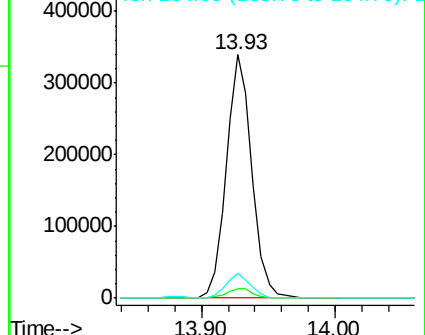
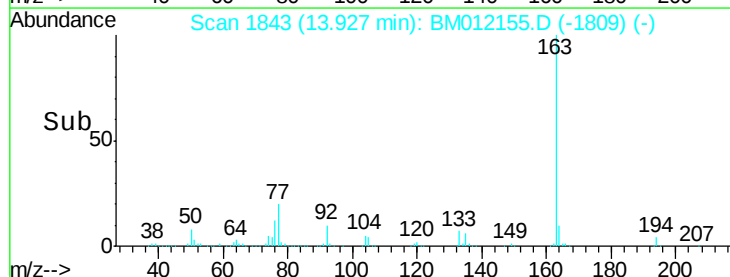
163 100

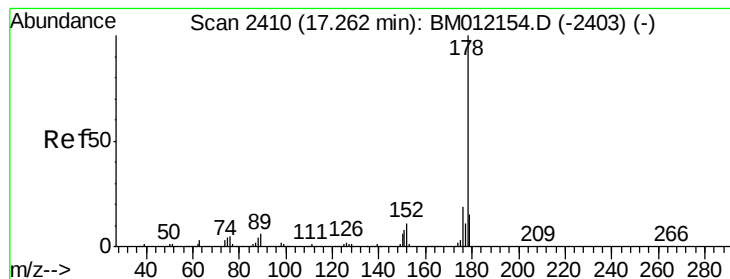
194 4.0 3.5 5.3

164 10.1 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): BM012155.D (-1809) (-)





#69

Phenanthrene

Concen: 4.51 ng/ul

RT: 17.26 min Scan# 2410

Delta R.T. -0.00 min

Lab File: BM012155.D

Acq: 14 Oct 2017 03:51

Instrument :

BNA_M

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B-39(0.5-1.5)-100317

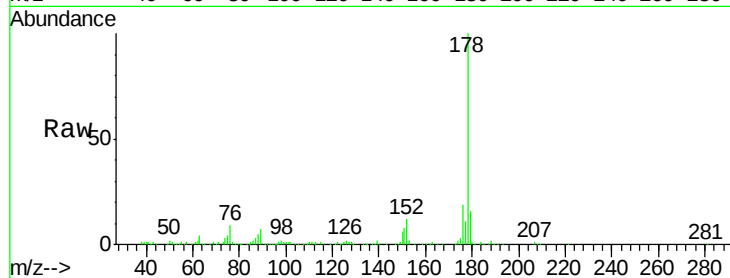
Tgt Ion:178 Resp: 252825

Ion Ratio Lower Upper

178 100

179 15.9 12.6 19.0

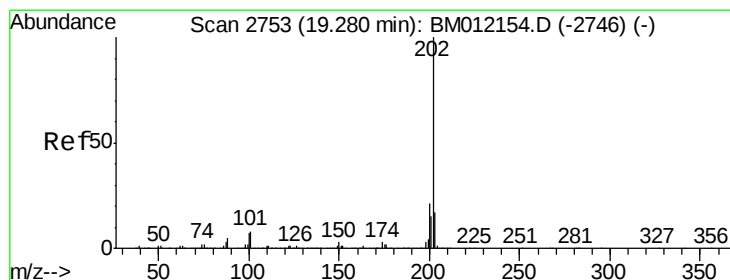
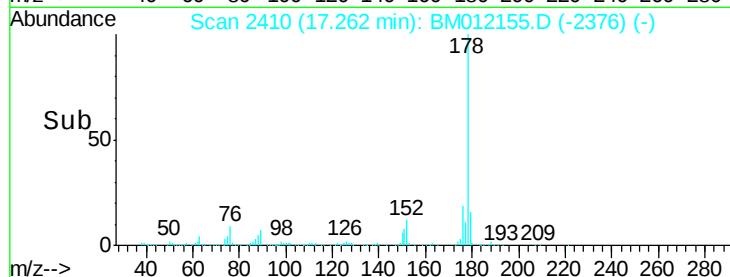
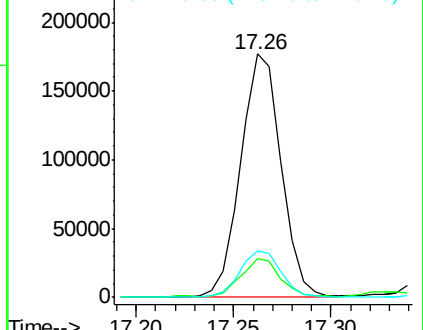
176 19.1 14.9 22.3



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



#74

Fluoranthene

Concen: 7.07 ng/ul

RT: 19.28 min Scan# 2753

Delta R.T. -0.00 min

Lab File: BM012155.D

Acq: 14 Oct 2017 03:51

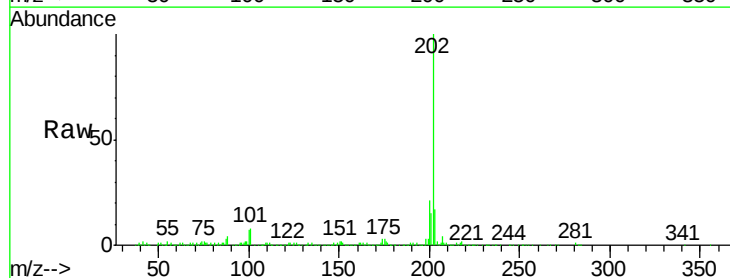
Tgt Ion:202 Resp: 478489

Ion Ratio Lower Upper

202 100

101 8.4 4.6 7.0#

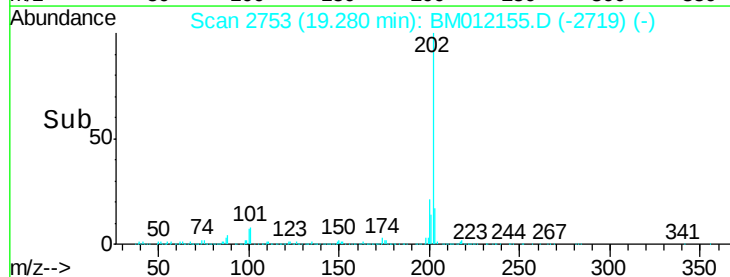
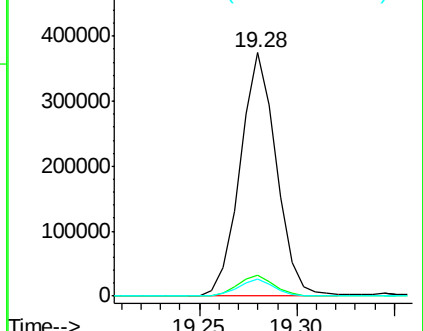
100 7.2 3.4 5.2#

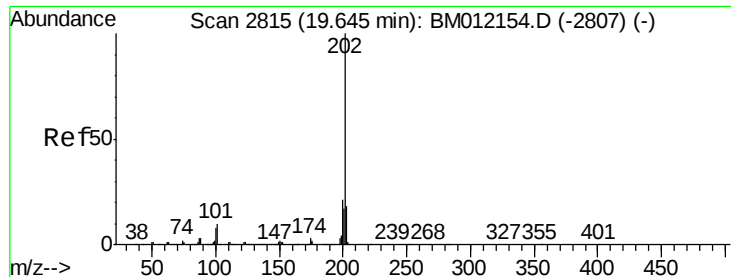


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

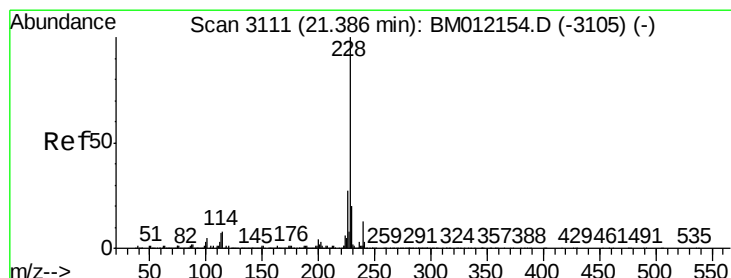
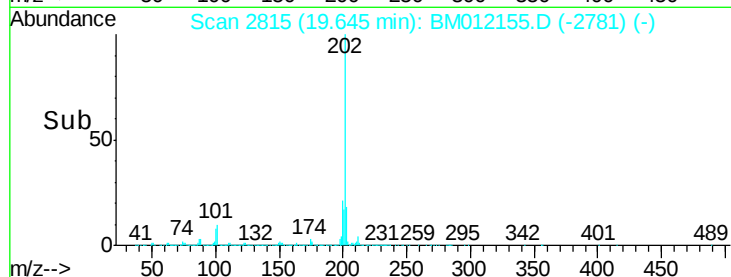
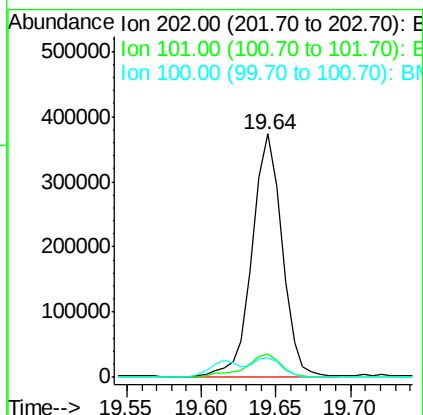
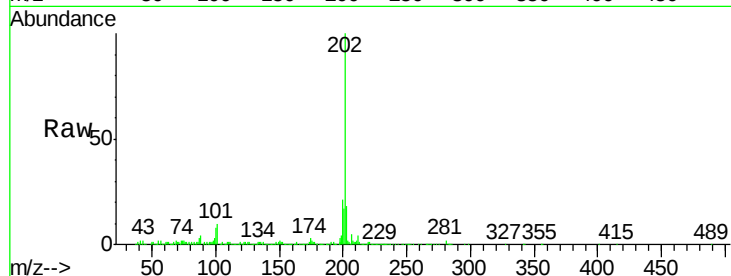




#77
 Pyrene
 Concen: 8.35 ng/ul
 RT: 19.64 min Scan# 2815
 Delta R.T. -0.00 min
 Lab File: BM012155.D
 Acq: 14 Oct 2017 03:51

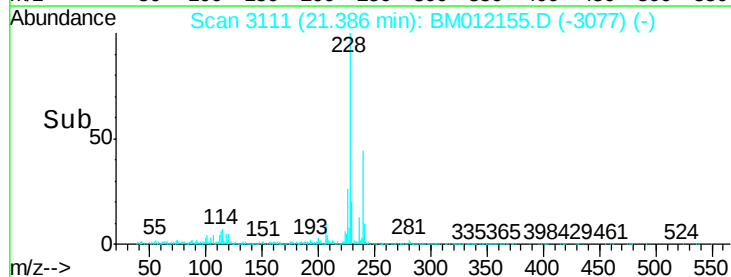
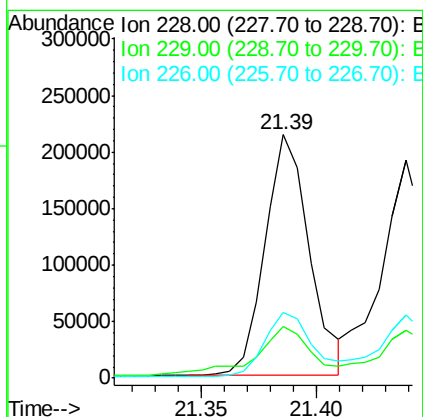
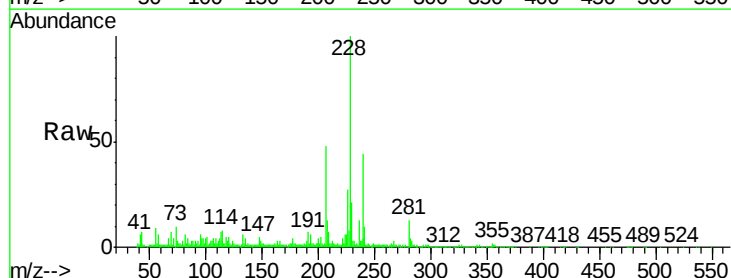
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 B-39(0.5-1.5)-100317

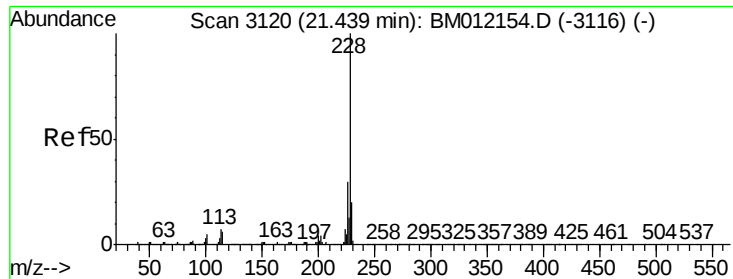
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	5.1	7.7#
100	7.9	4.9	7.3#



#80
 Benzo(a)anthracene
 Concen: 4.62 ng/ul
 RT: 21.39 min Scan# 3111
 Delta R.T. -0.00 min
 Lab File: BM012155.D
 Acq: 14 Oct 2017 03:51

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.4	23.0
226	26.8	21.4	32.0





#82

Chrysene

Concen: 4.63 ng/ul

RT: 21.44 min Scan# 3120

Delta R.T. -0.00 min

Lab File: BM012155.D

Acq: 14 Oct 2017 03:51

Instrument :

BNA_M

ClientSampleId :

B-39(0.5-1.5)-100317

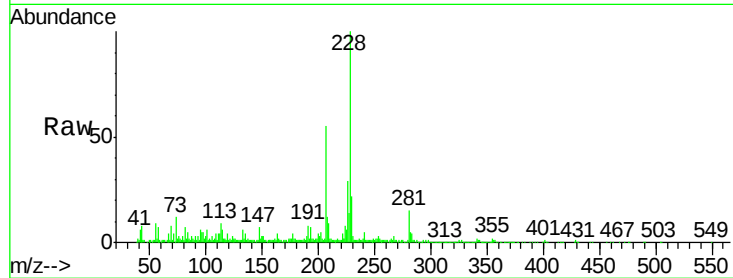
Tgt Ion:228 Resp: 265820

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.2
229	22.1	15.5	23.3

228 100

226 29.2 23.4 35.2

229 22.1 15.5 23.3

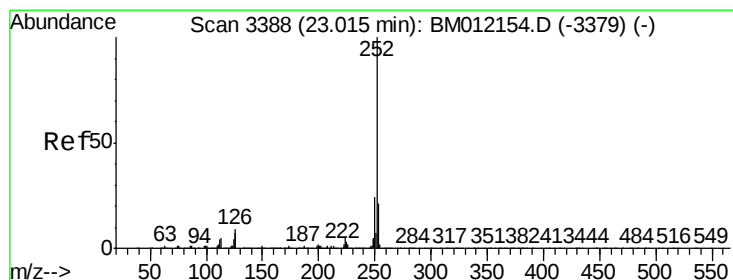
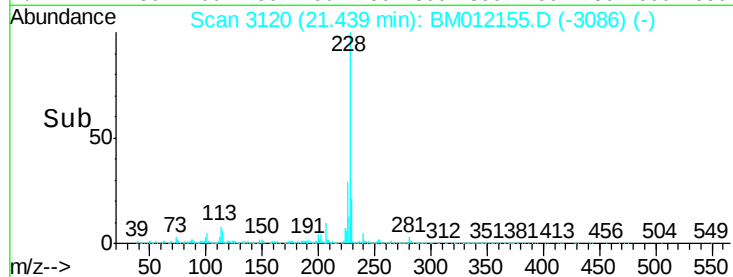
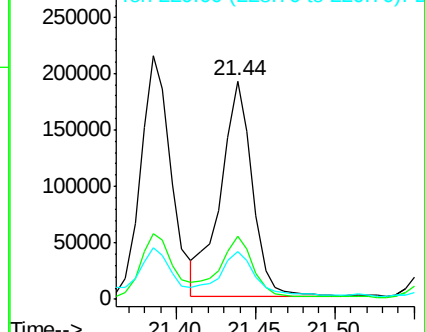


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 5.38 ng/ul

RT: 23.02 min Scan# 3389

Delta R.T. 0.01 min

Lab File: BM012155.D

Acq: 14 Oct 2017 03:51

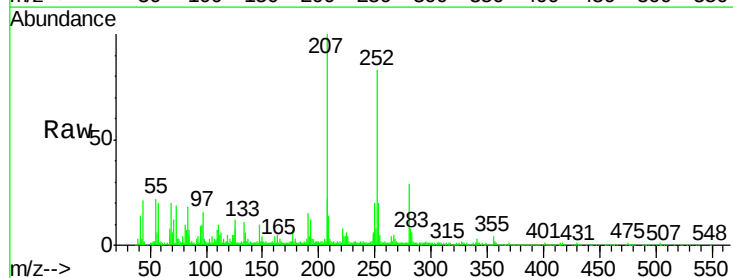
Tgt Ion:252 Resp: 341606

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.9	26.9
125	14.3	3.6	5.4

252 100

253 23.8 17.9 26.9

125 14.3 3.6 5.4#

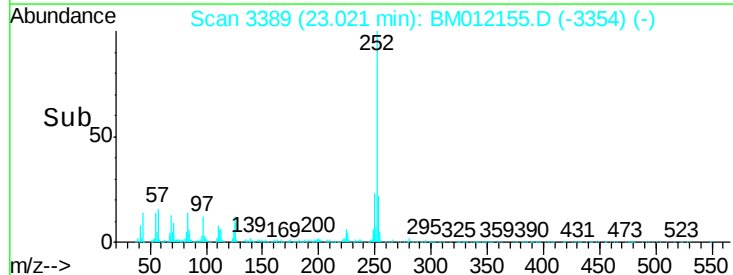
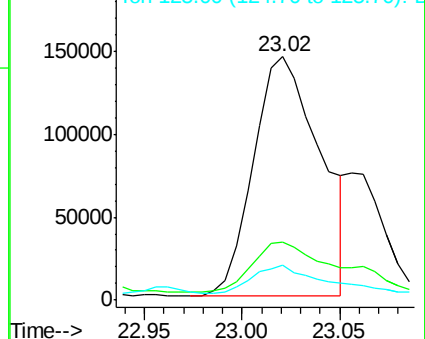


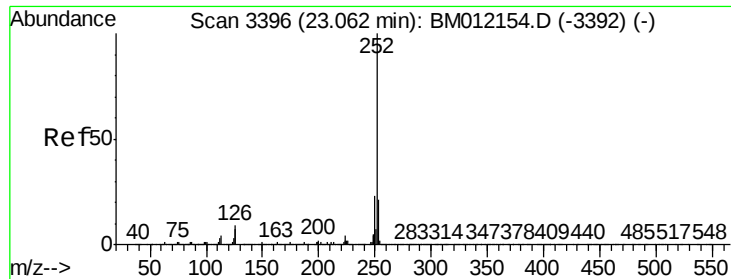
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

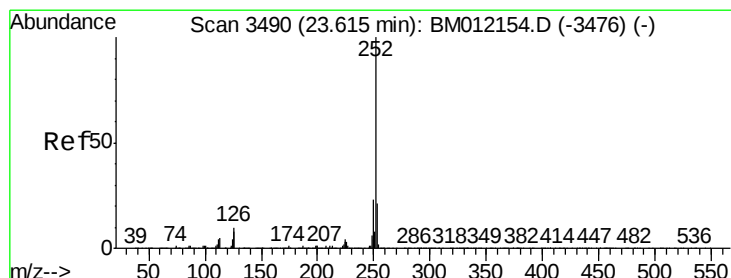
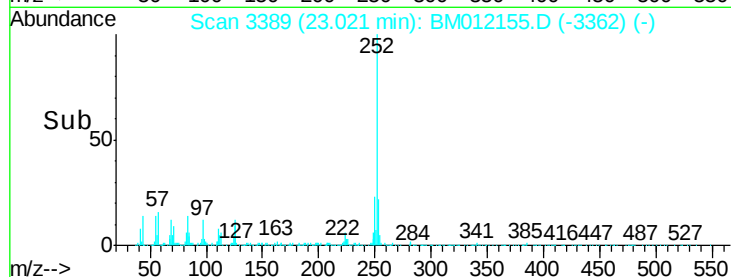
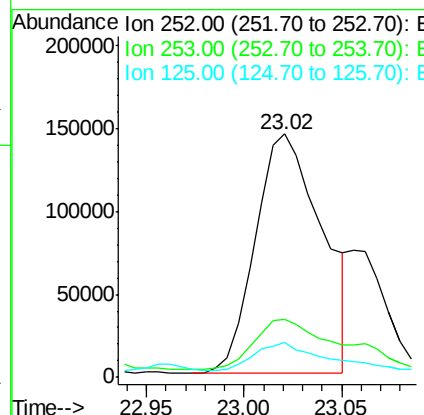
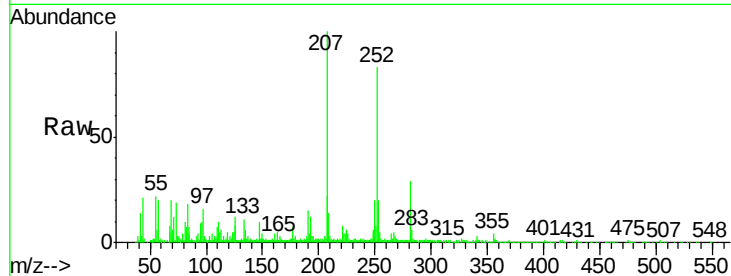




#86
Benzo(k)fluoranthene
Concen: 5.58 ng/ul
RT: 23.02 min Scan# 3389
Delta R.T. -0.04 min
Lab File: BM012155.D
Acq: 14 Oct 2017 03:51

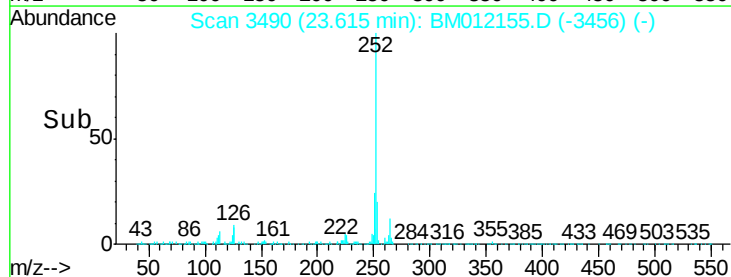
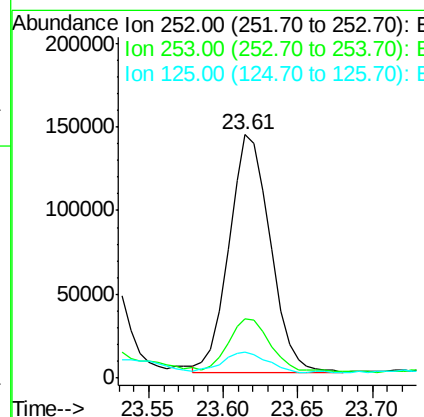
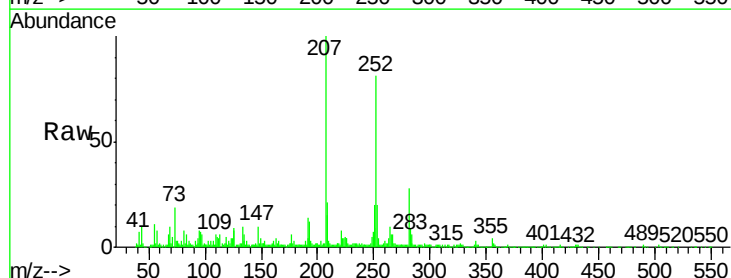
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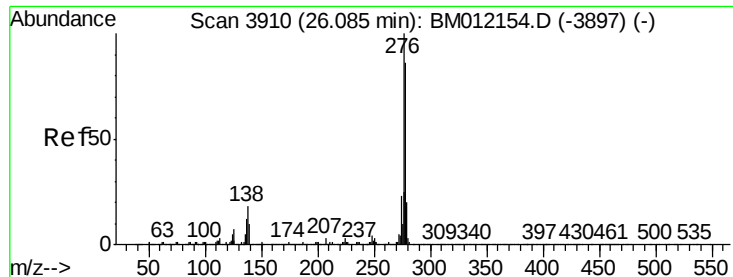
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	14.3	3.4	5.2#



#88
Benzo(a)pyrene
Concen: 4.55 ng/ul
RT: 23.61 min Scan# 3490
Delta R.T. -0.00 min
Lab File: BM012155.D
Acq: 14 Oct 2017 03:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.2	27.2
125	10.8	4.0	6.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 2.78 ng/ul

RT: 26.09 min Scan# 3910

Delta R.T. -0.00 min

Lab File: BM012155.D

Acq: 14 Oct 2017 03:51

Instrument :

BNA_M

ClientSampleId :

B-39(0.5-1.5)-100317

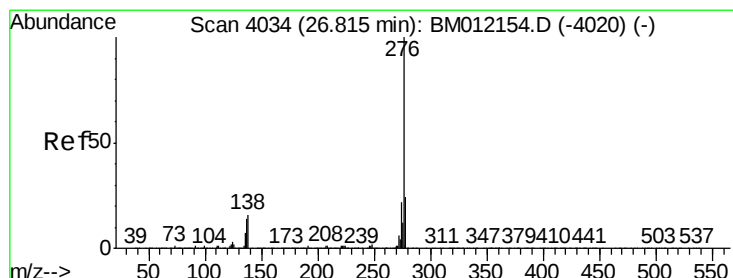
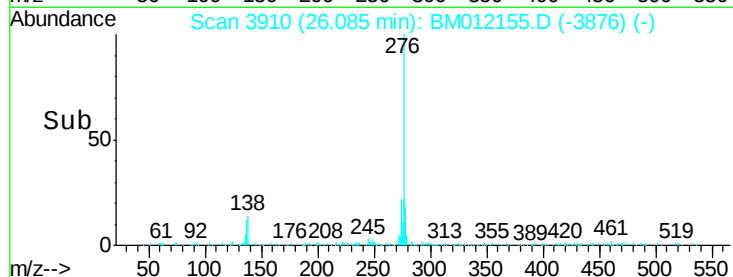
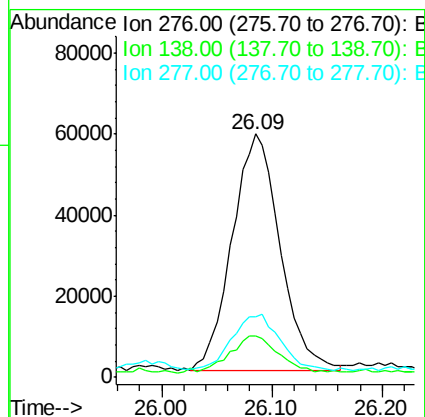
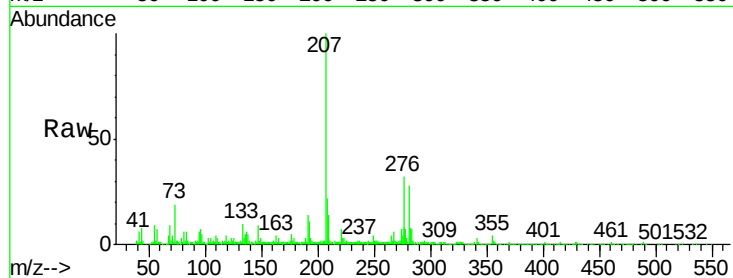
Tgt Ion:276 Resp: 176858

Ion Ratio Lower Upper

276 100

138 17.0 9.3 13.9#

277 25.0 19.9 29.9



#91

Benzo(g,h,i)perylene

Concen: 3.26 ng/ul

RT: 26.81 min Scan# 4034

Delta R.T. -0.00 min

Lab File: BM012155.D

Acq: 14 Oct 2017 03:51

Tgt Ion:276 Resp: 169945

Ion Ratio Lower Upper

276 100

138 17.0 8.5 12.7#

277 24.9 18.6 28.0

