

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
 Data File : BM012359.D
 Acq On : 21 Oct 2017 15:12
 Operator : SJ/JU
 Sample : I5756-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 23 05:05:39 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 23 05:01:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	174264	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	794757	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	513260	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1212198	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	1350934	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	1173758	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	8210	2.24	ng/uL	0.00
5) Phenol-d5	6.95	99	156824	11.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	102849	12.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	140771	11.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	116206	9.55	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	64320	10.61	ng/ul	0.01
22) 2-Nitrophenol-d4	9.67	143	78223	11.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	148891	11.00	ng/ul	0.02
29) 4-Chloroaniline-d4	10.73	131	127558	10.07	ng/ul	0.01
43) Dimethylphthalate-d6	13.83	166	564475	12.44	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	668717	12.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	32257	4.73	ng/ul	0.05
57) Fluorene-d10	15.42	176	478641	12.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	52643	6.33	ng/ul	0.01
70) Anthracene-d10	17.27	188	758597	12.66	ng/ul	0.00
76) Pyrene-d10	19.57	212	921977	13.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	748845	13.23	ng/ul	0.00

Target Compounds

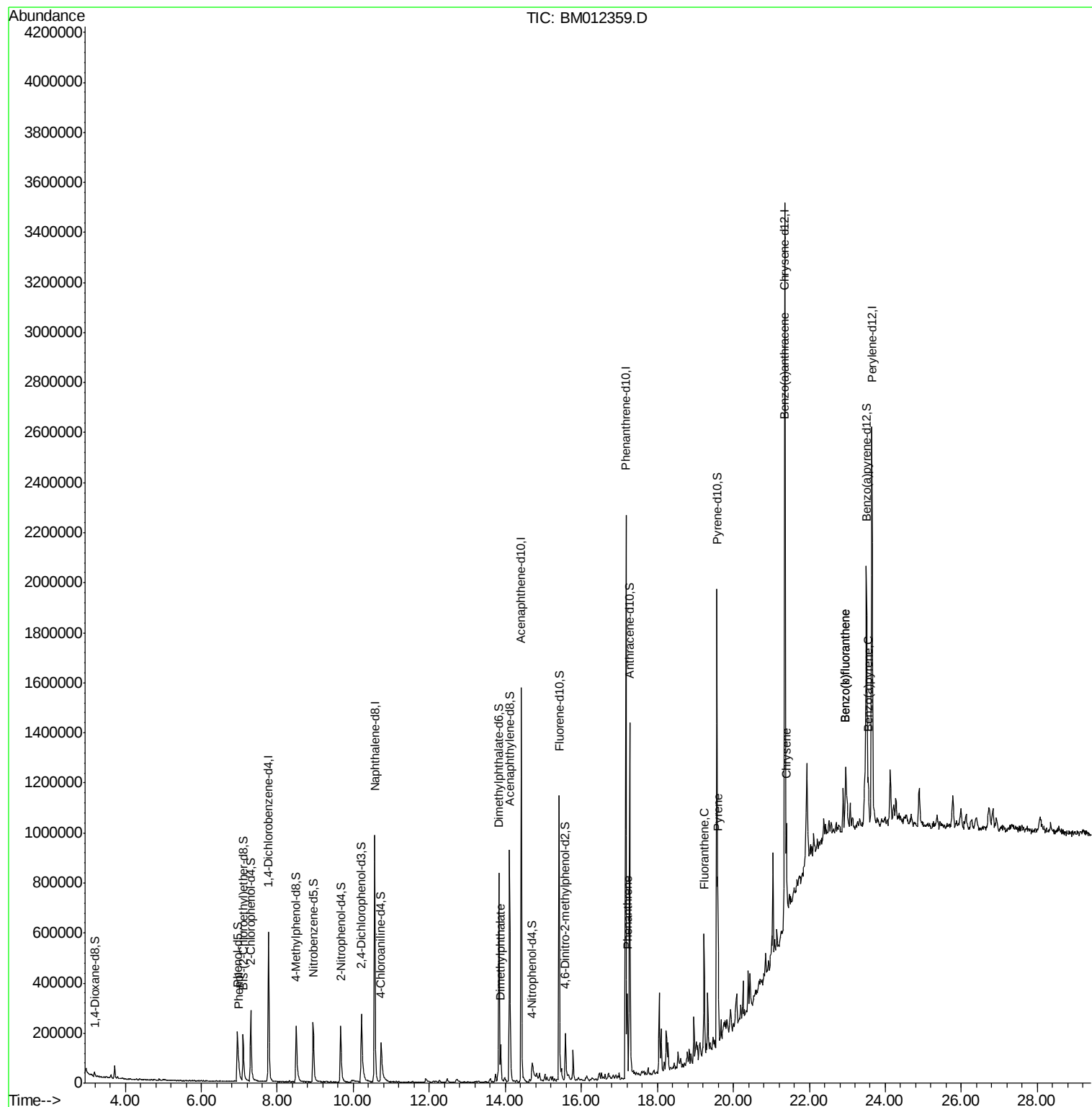
					Ovalue	
6) Phenol	6.98	94	18857	1.290	ng/ul#	77
44) Dimethylphthalate	13.88	163	95998	2.112	ng/ul	98
69) Phenanthrene	17.21	178	185869	2.695	ng/ul	98
74) Fluoranthene	19.24	202	274256	3.296	ng/ul	98
77) Pyrene	19.59	202	376608	4.221	ng/ul#	96
80) Benzo(a)anthracene	21.34	228	174128	1.981	ng/ul	95
82) Chrysene	21.39	228	187749	2.275	ng/ul	98
85) Benzo(b)fluoranthene	22.96	252	160604	2.097	ng/ul#	91
86) Benzo(k)fluoranthene	22.96	252	160604	2.176	ng/ul#	92
88) Benzo(a)pyrene	23.55	252	127164	1.761	ng/ul#	92

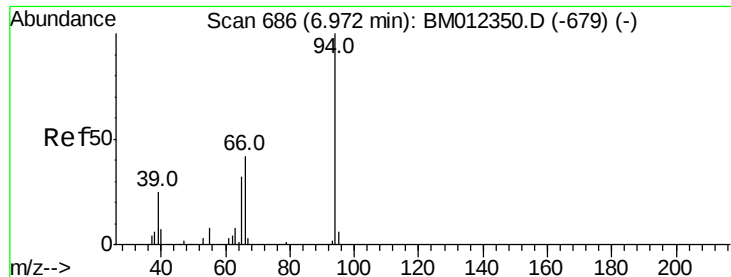
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.290 ng/ul

RT: 6.98 min Scan# 687

Delta R.T. 0.01 min

Lab File: BM012359.D

Acq: 21 Oct 2017 15:12

Instrument :

BNA_M

ClientSampleId :

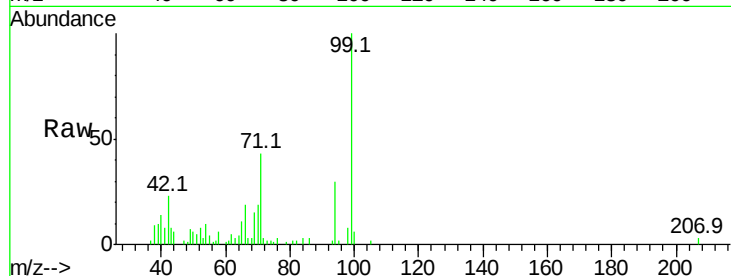
Tot Ion: 94 Resp: 18857

Ion Ratio Lower Upper

94 100

65 35.1 24.4 36.6

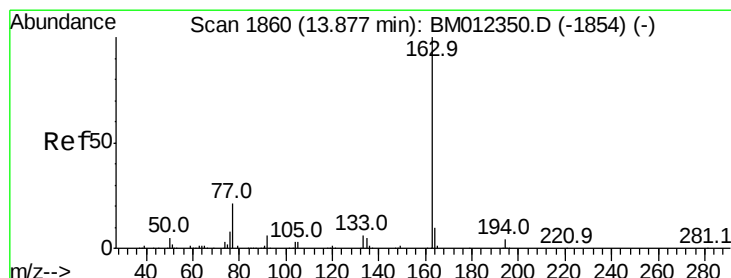
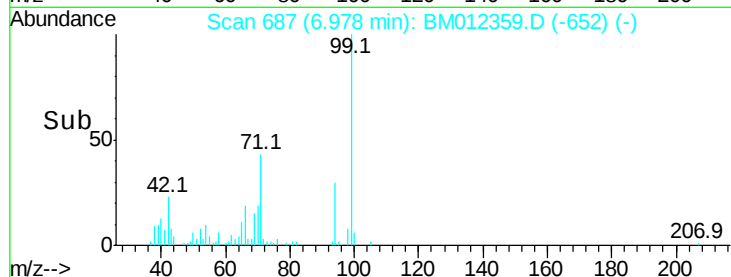
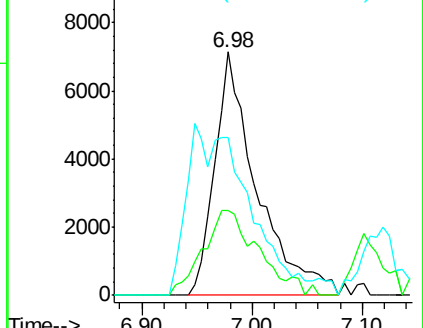
66 64.7 35.0 52.4#



Abundance Ion 94.00 (93.70 to 94.70): BM012350.D (-679) (-)

Ion 65.00 (64.70 to 65.70): BM012350.D (-679) (-)

Ion 66.00 (65.70 to 66.70): BM012350.D (-679) (-)



#44

Dimethylphthalate

Concen: 2.112 ng/ul

RT: 13.88 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BM012359.D

Acq: 21 Oct 2017 15:12

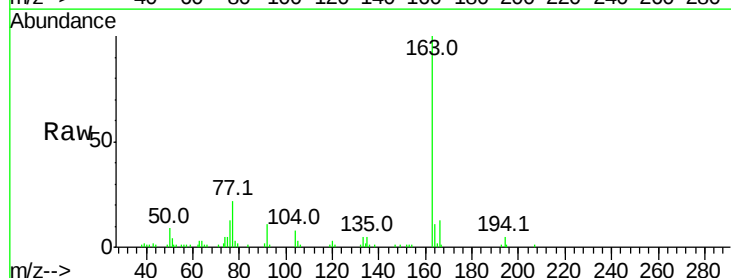
Tgt Ion:163 Resp: 95998

Ion Ratio Lower Upper

163 100

194 4.7 3.7 5.5

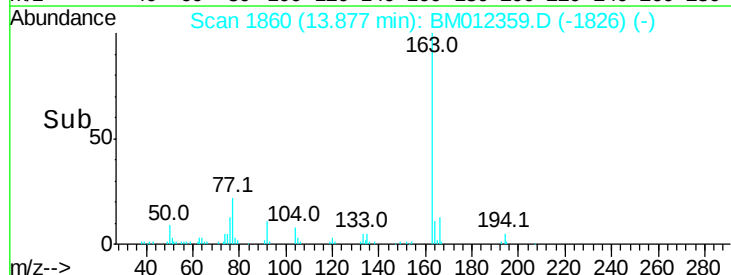
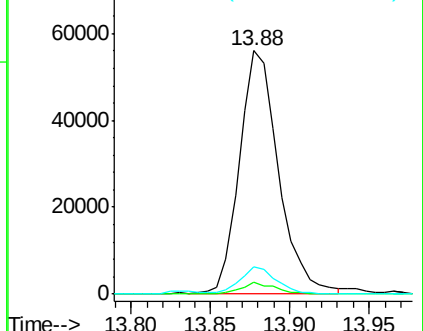
164 11.2 8.1 12.1

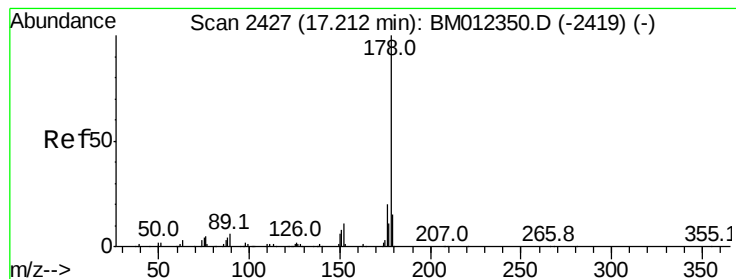


Abundance Ion 163.00 (162.70 to 163.70): BM012350.D (-1854) (-)

Ion 194.00 (193.70 to 194.70): BM012350.D (-1854) (-)

Ion 164.00 (163.70 to 164.70): BM012350.D (-1854) (-)





#69

Phenanthrene

Concen: 2.695 ng/ul

RT: 17.21 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BM012359.D

Acq: 21 Oct 2017 15:12

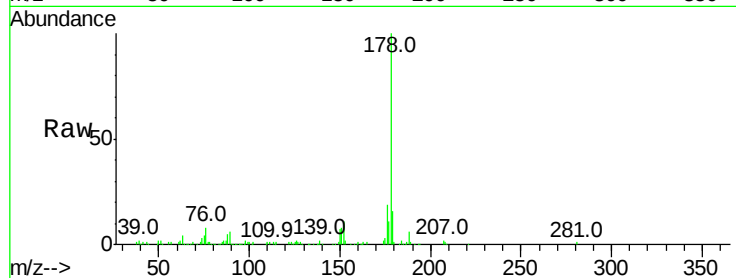
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 185869

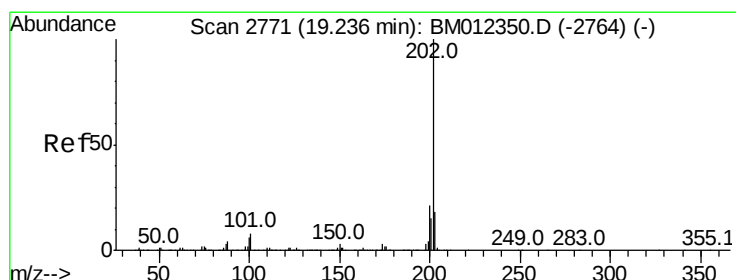
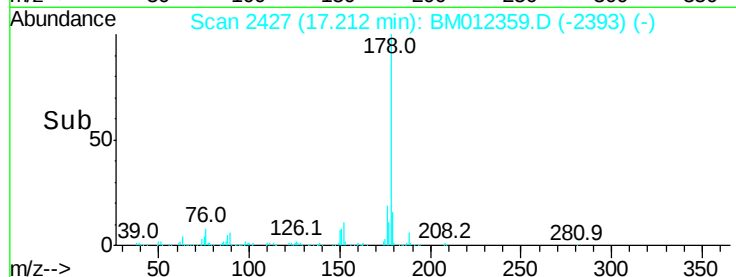
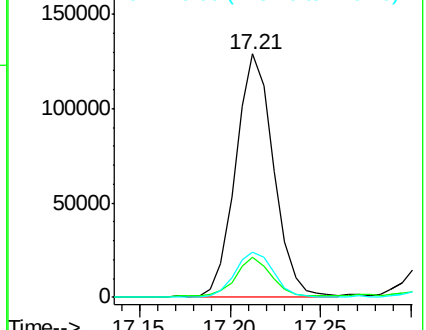
Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.0	18.0
176	18.7	15.0	22.6



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: 3.296 ng/ul

RT: 19.24 min Scan# 2771

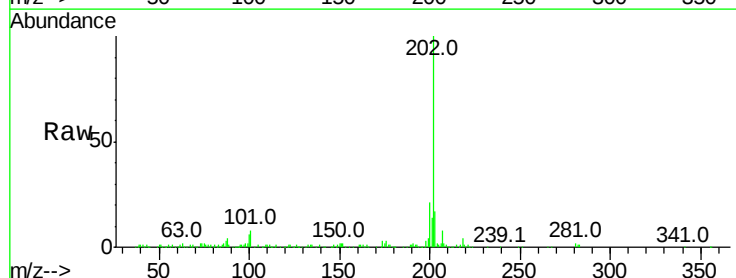
Delta R.T. -0.00 min

Lab File: BM012359.D

Acq: 21 Oct 2017 15:12

Tgt Ion:202 Resp: 274256

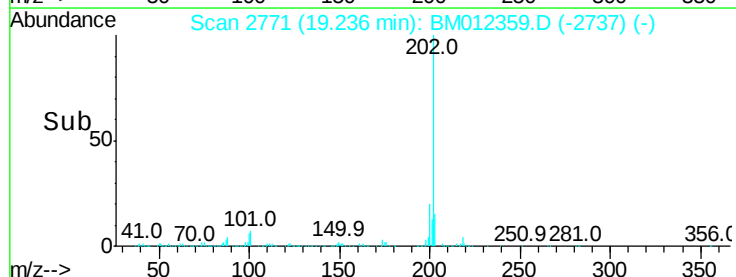
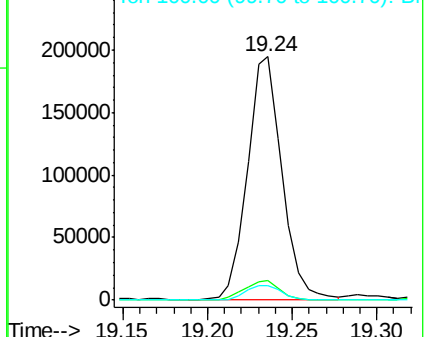
Ion	Ratio	Lower	Upper
202	100		
101	8.2	5.8	8.6
100	5.8	4.3	6.5

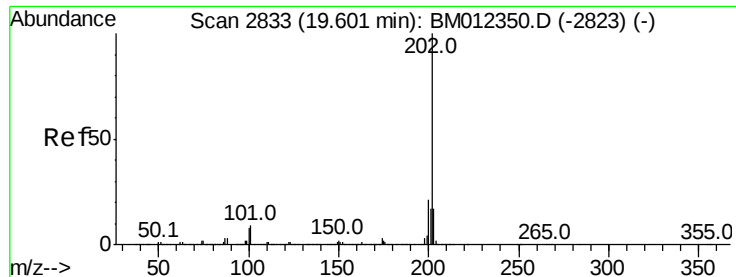


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

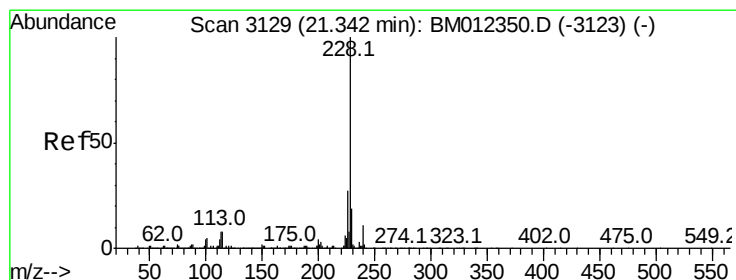
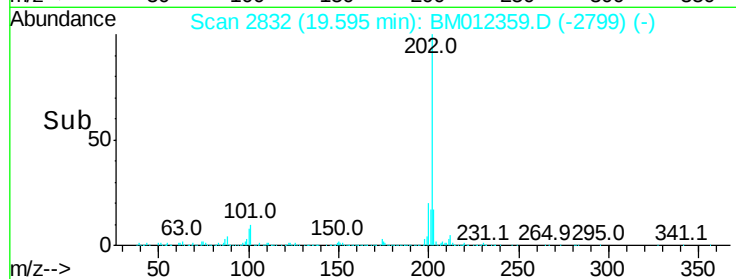
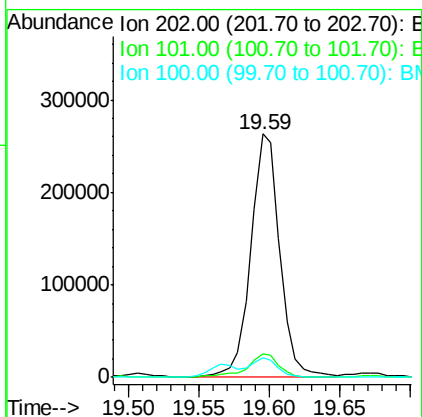
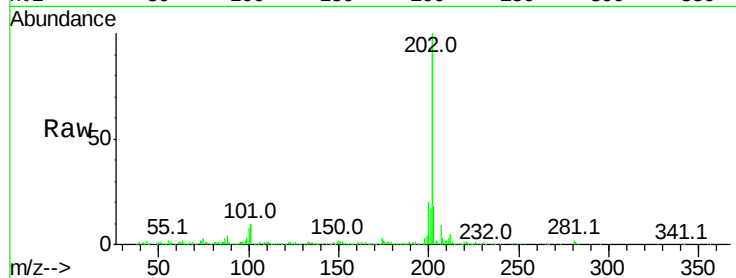




#77
Pvrene
Concen: 4.221 ng/ul
RT: 19.59 min Scan# 2832
Delta R.T. -0.01 min
Lab File: BM012359.D
Acq: 21 Oct 2017 15:12

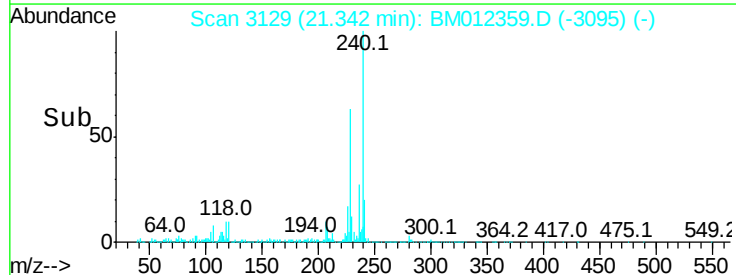
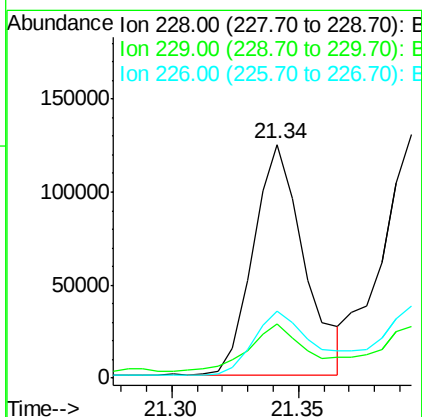
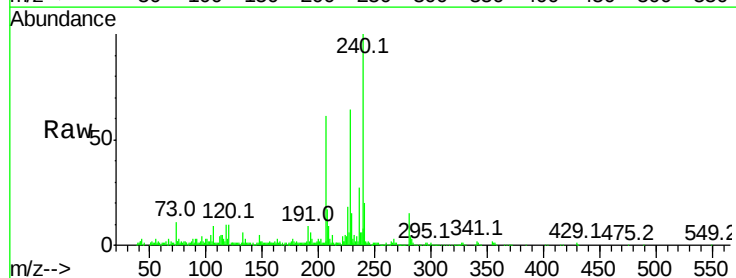
Instrument :
BNA_M
ClientSampleId :

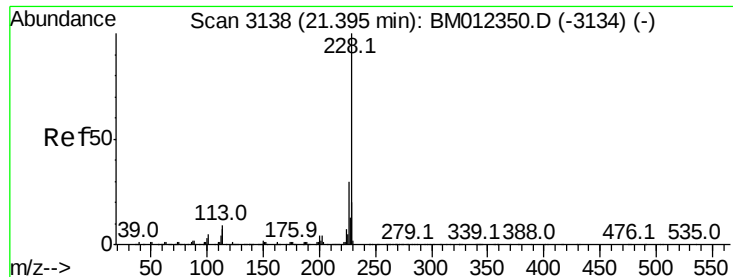
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.7	6.5	9.7#
100	8.2	5.6	8.4



#80
Benzo(a)anthracene
Concen: 1.981 ng/ul
RT: 21.34 min Scan# 3129
Delta R.T. -0.00 min
Lab File: BM012359.D
Acq: 21 Oct 2017 15:12

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.2	15.8	23.8
226	28.5	21.4	32.2





#82

Chrysene

Concen: 2.275 ng/ul

RT: 21.39 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BM012359.D

Acq: 21 Oct 2017 15:12

Instrument :

BNA_M

ClientSampleId :

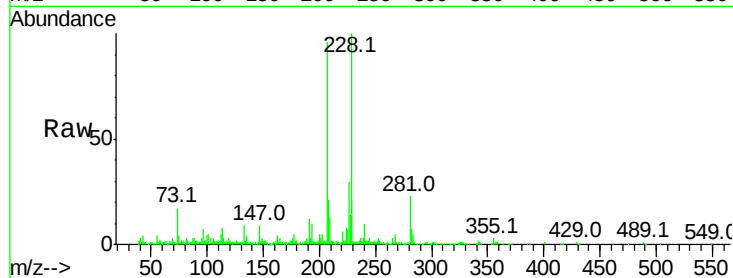
Tot Ion:228 Resp: 187749

Ion Ratio Lower Upper

228 100

226 29.8 24.0 36.0

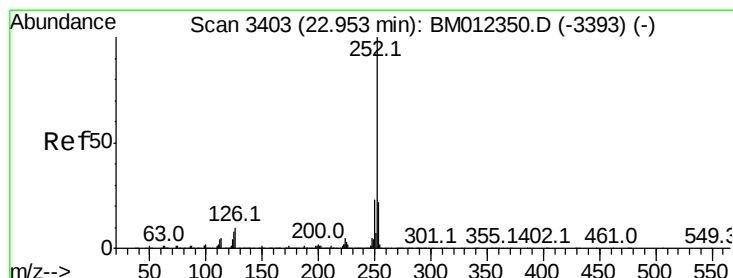
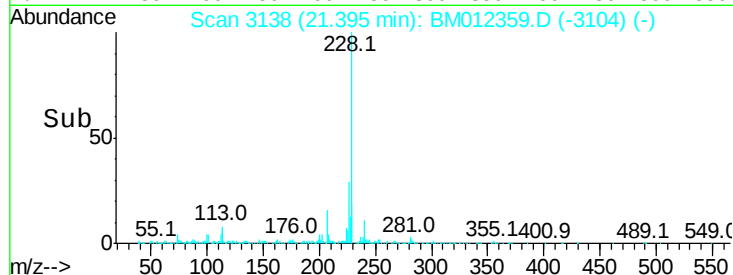
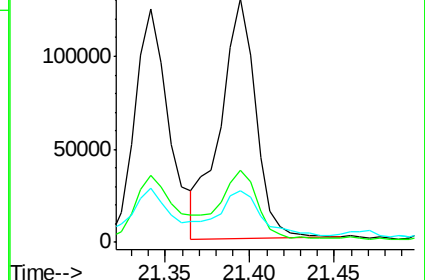
229 21.0 15.5 23.3



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: 2.097 ng/ul

RT: 22.96 min Scan# 3404

Delta R.T. 0.01 min

Lab File: BM012359.D

Acq: 21 Oct 2017 15:12

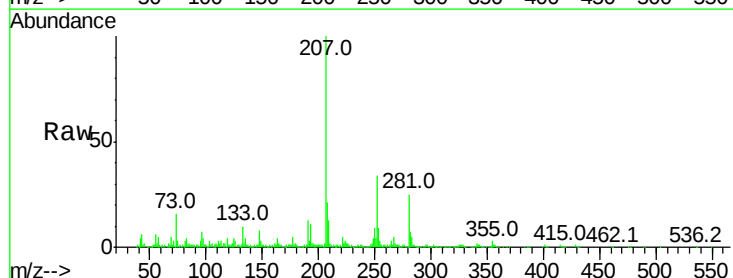
Tgt Ion:252 Resp: 160604

Ion Ratio Lower Upper

252 100

253 25.5 17.4 26.2

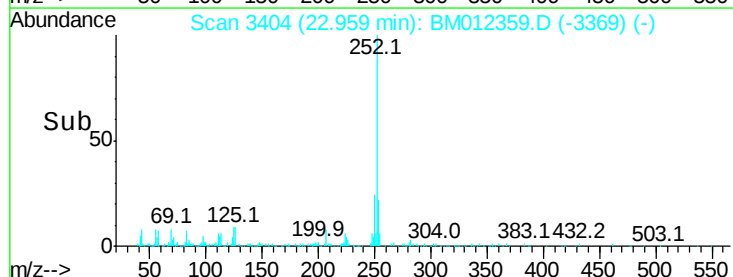
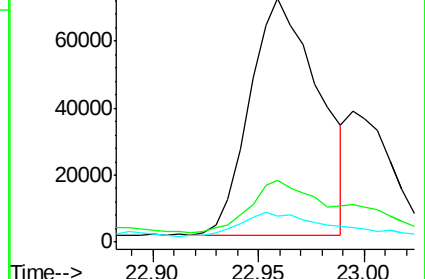
125 10.9 5.1 7.7#

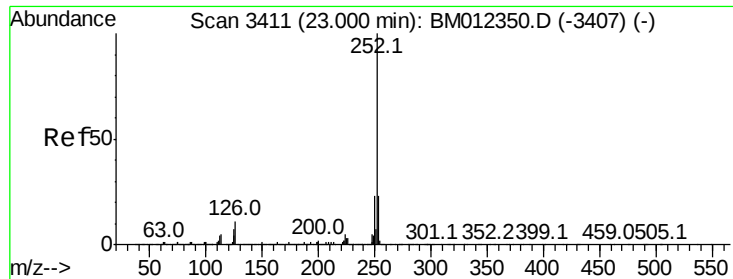


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

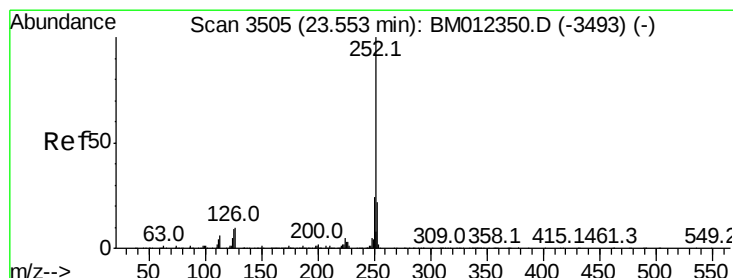
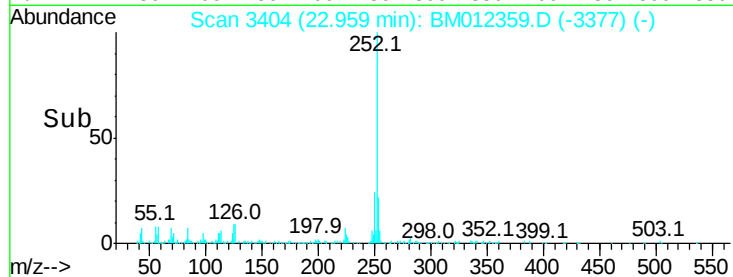
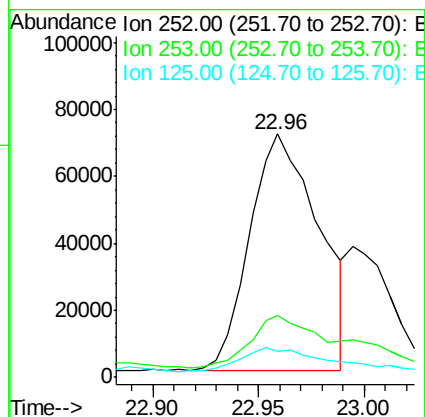
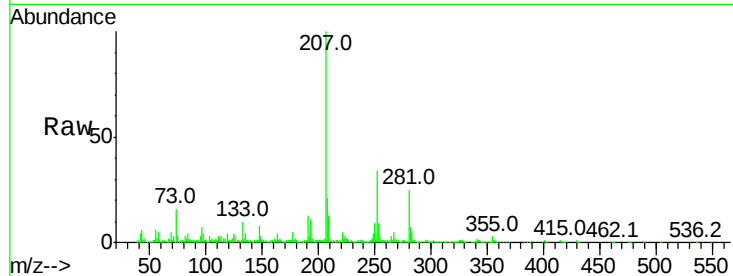




#86
Benzo(k)fluoranthene
Concen: 2.176 ng/ul
RT: 22.96 min Scan# 3404
Delta R.T. -0.04 min
Lab File: BM012359.D
Acq: 21 Oct 2017 15:12

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.8	26.6
125	10.9	4.9	7.3



#88
Benzo(a)pyrene
Concen: 1.761 ng/ul
RT: 23.55 min Scan# 3504
Delta R.T. -0.01 min
Lab File: BM012359.D
Acq: 21 Oct 2017 15:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.1	25.7
125	11.0	5.2	7.8

