

Data Path : Z:\HPCHEM1\BNA M\DATA\BM113017\
 Data File : BM013156.D
 Acq On : 30 Nov 2017 14:04
 Operator : SJ/JU
 Sample : I6549-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 01 00:49:59 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 30 14:36:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	182049	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	796063	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	500258	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1236797	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1471715	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1335866	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	13082	3.56	ng/uL	0.00
5) Phenol-d5	6.88	99	278277	17.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	175395	19.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	229730	18.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	244346	18.16	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	131003	20.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	140112	20.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	264232	18.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	320082	25.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	971568	21.82	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1133342	20.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	128940	16.67	ng/ul	0.00
57) Fluorene-d10	15.34	176	841263	21.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	137169	17.63	ng/ul	0.00
70) Anthracene-d10	17.19	188	1349973	21.79	ng/ul	0.00
76) Pyrene-d10	19.49	212	1546535	21.09	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1469053	21.59	ng/ul	0.00

Target Compounds

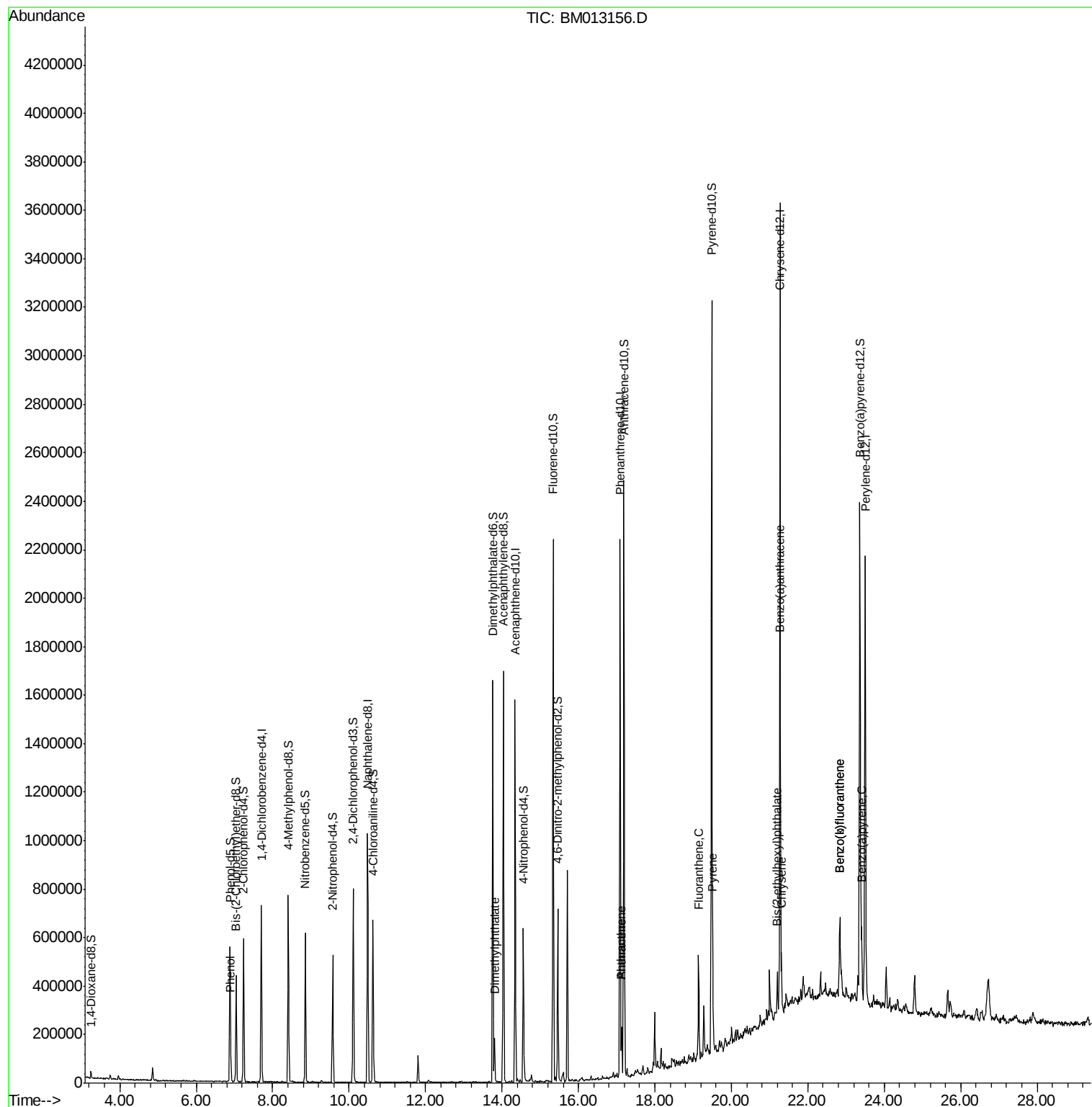
						Ovalue
6) Phenol	6.90	94	27757	1.78	ng/ul	89
44) Dimethylphthalate	13.80	163	101321	2.38	ng/ul	99
69) Phenanthrene	17.13	178	124029	1.77	ng/ul	98
71) Anthracene	17.13	178	124029	1.73	ng/ul	100
74) Fluoranthene	19.15	202	244991	2.85	ng/ul#	98
77) Pyrene	19.51	202	219887	2.46	ng/ul#	90
80) Benzo(a)anthracene	21.26	228	131271	1.41	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.20	149	58528	1.11	ng/ul	98
82) Chrysene	21.31	228	127325	1.47	ng/ul	97
85) Benzo(b)fluoranthene	22.83	252	173849	1.93	ng/ul#	97
86) Benzo(k)fluoranthene	22.83	252	173849	2.05	ng/ul#	95
88) Benzo(a)pyrene	23.40	252	104790	1.30	ng/ul#	96

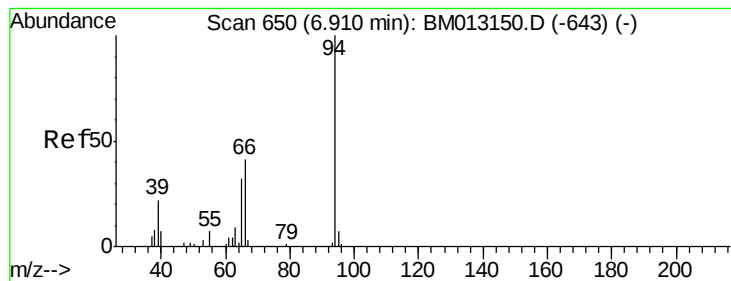
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 30 14:36:49 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.78 ng/ul

RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM013156.D

Acq: 30 Nov 2017 14:04

Instrument :

BNA_M

ClientSampleId :

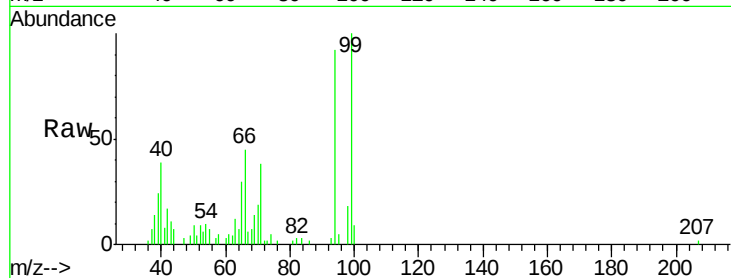
Tot Ion: 94 Resp: 27757

Ion Ratio Lower Upper

94 100

65 32.0 28.2 42.4

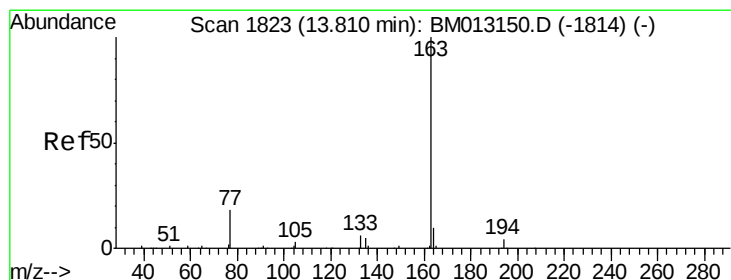
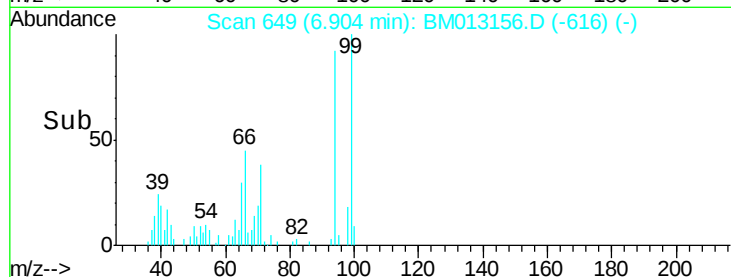
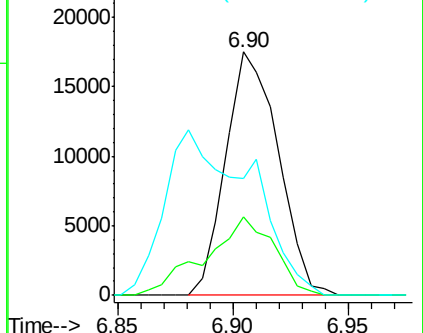
66 48.2 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM013150.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BM013150.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BM013150.D (-643) (-)



#44

Dimethylphthalate

Concen: 2.38 ng/ul

RT: 13.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BM013156.D

Acq: 30 Nov 2017 14:04

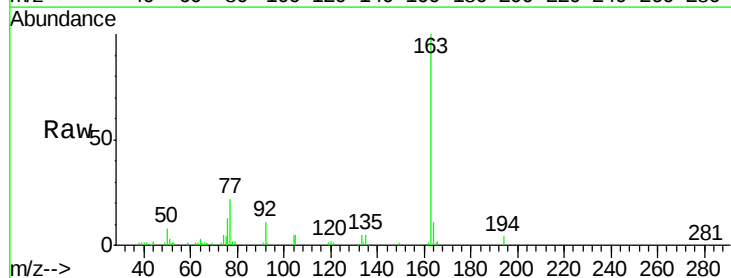
Tgt Ion: 163 Resp: 101321

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

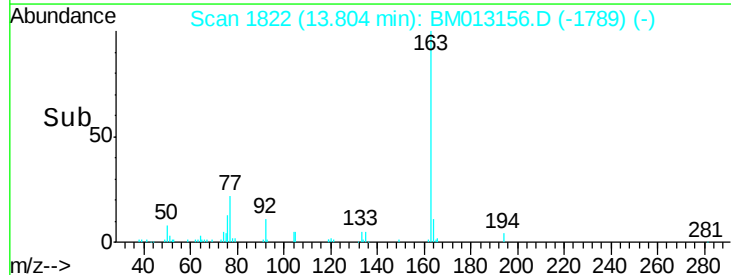
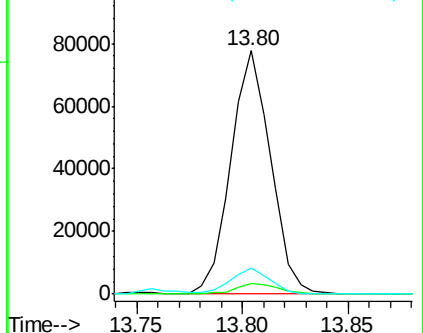
164 10.9 8.2 12.4

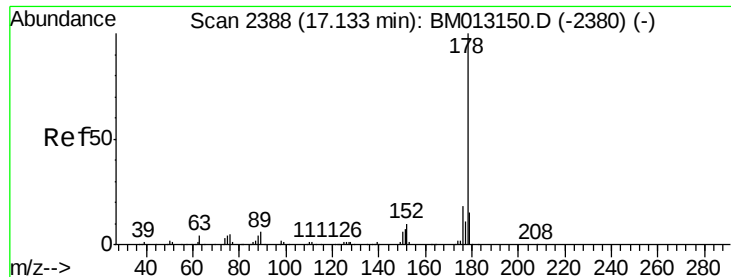


Abundance Ion 163.00 (162.70 to 163.70): BM013150.D (-1814) (-)

Ion 194.00 (193.70 to 194.70): BM013150.D (-1814) (-)

Ion 164.00 (163.70 to 164.70): BM013150.D (-1814) (-)





#69

Phenanthrene

Concen: 1.77 ng/ul

RT: 17.13 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BM013156.D

Acq: 30 Nov 2017 14:04

Instrument :

BNA_M

ClientSampleId :

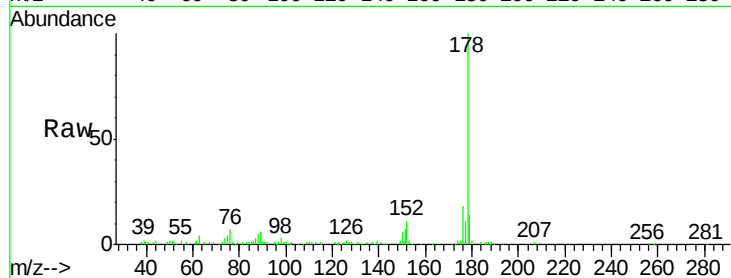
Tot Ion:178 Resp: 124029

Ion Ratio Lower Upper

178 100

179 14.2 12.6 19.0

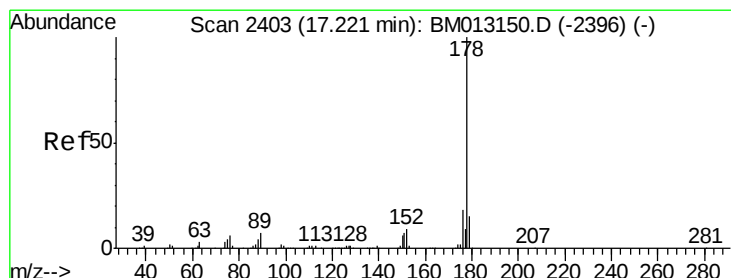
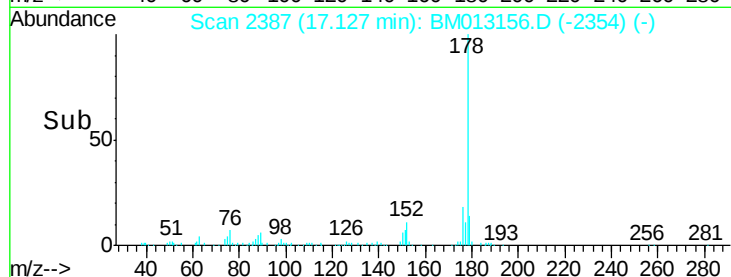
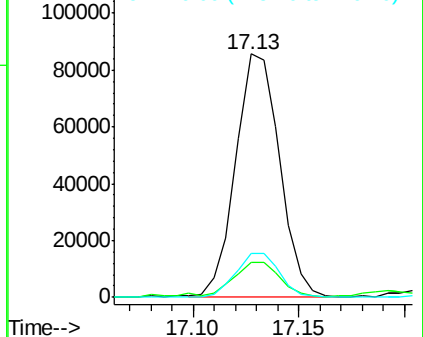
176 18.2 14.9 22.3



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: 1.73 ng/ul

RT: 17.13 min Scan# 2387

Delta R.T. -0.09 min

Lab File: BM013156.D

Acq: 30 Nov 2017 14:04

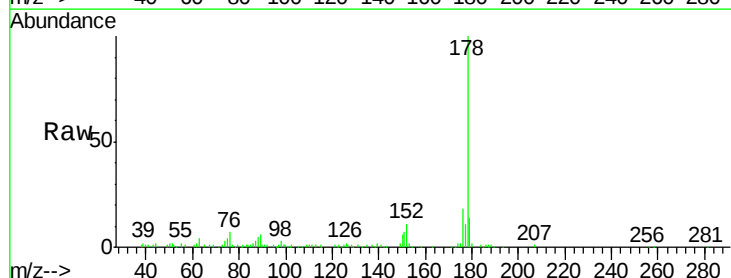
Tgt Ion:178 Resp: 124029

Ion Ratio Lower Upper

178 100

179 14.2 11.7 17.5

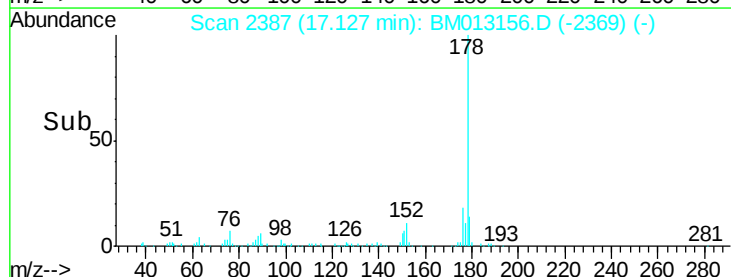
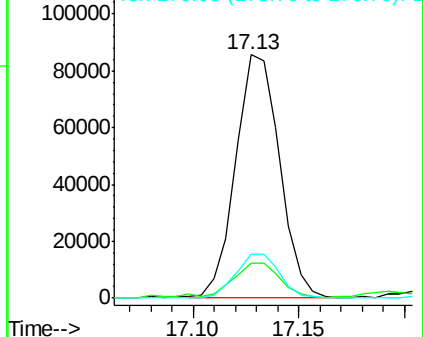
176 18.2 14.6 21.8

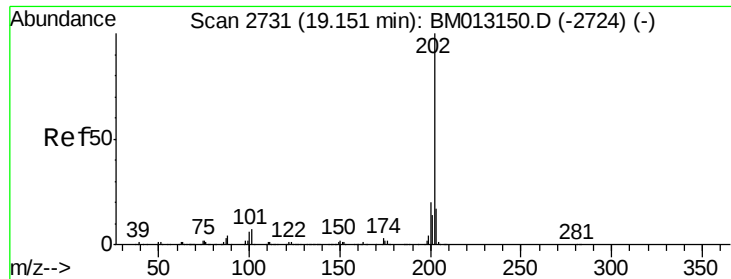


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 2.85 ng/ul

RT: 19.15 min Scan# 2731

Delta R.T. 0.00 min

Lab File: BM013156.D

Acq: 30 Nov 2017 14:04

Instrument :

BNA_M

ClientSampleId :

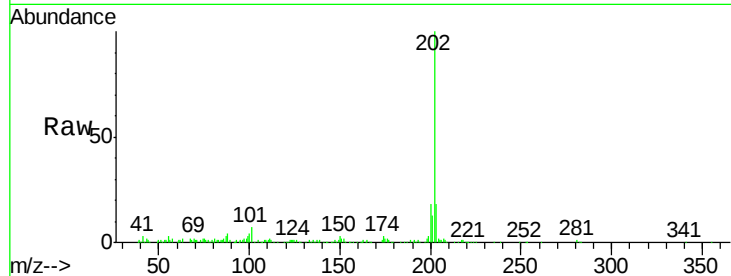
Tot Ion:202 Resp: 244991

Ion Ratio Lower Upper

202 100

101 7.1 4.6 7.0#

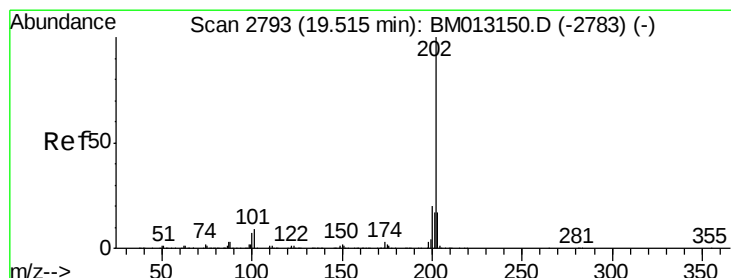
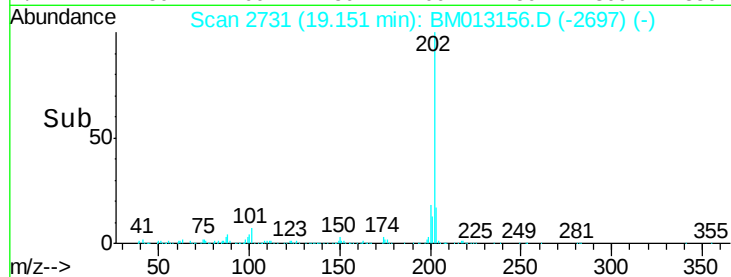
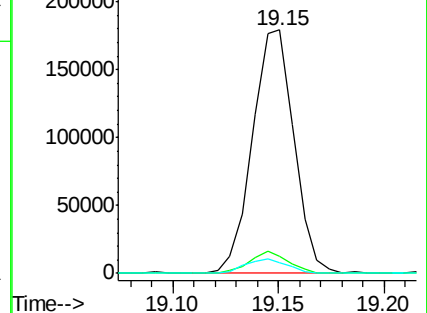
100 4.3 3.4 5.2



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: 2.46 ng/ul

RT: 19.51 min Scan# 2792

Delta R.T. -0.01 min

Lab File: BM013156.D

Acq: 30 Nov 2017 14:04

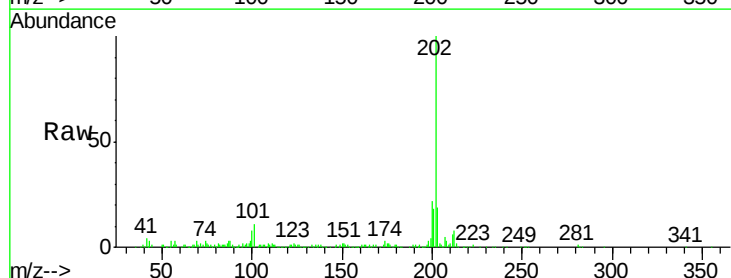
Tgt Ion:202 Resp: 219887

Ion Ratio Lower Upper

202 100

101 11.3 5.1 7.7#

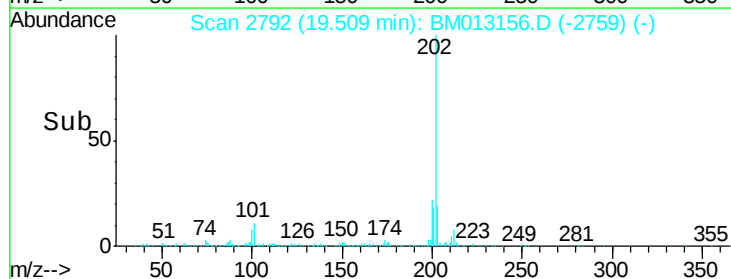
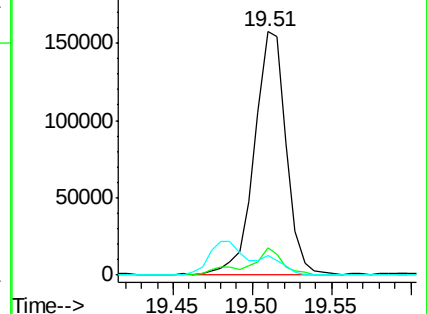
100 8.2 4.9 7.3#

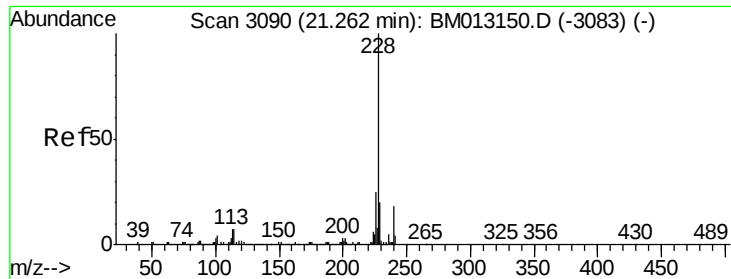


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.41 ng/ul

RT: 21.26 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM013156.D

Acq: 30 Nov 2017 14:04

Instrument :

BNA_M

ClientSampleId :

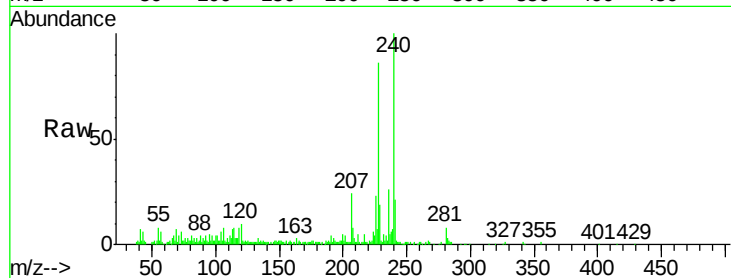
Tot Ion:228 Resp: 131271

Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.4	23.0
226	26.6	21.4	32.0

228 100

229 21.8 15.4 23.0

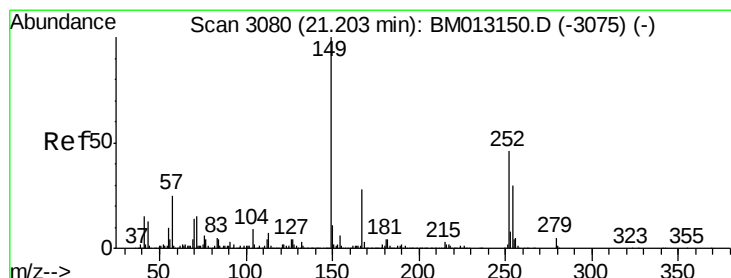
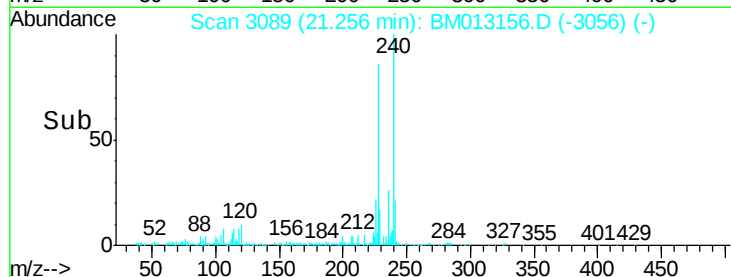
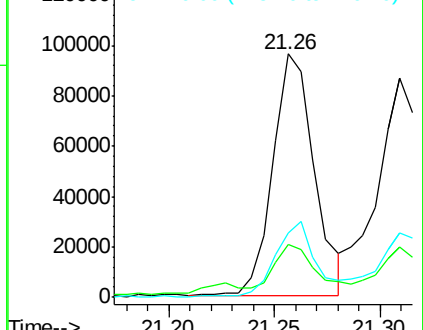
226 26.6 21.4 32.0



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



#81

Bis(2-ethylhexyl)phthalate

Concen: 1.11 ng/ul

RT: 21.20 min Scan# 3080

Delta R.T. 0.00 min

Lab File: BM013156.D

Acq: 30 Nov 2017 14:04

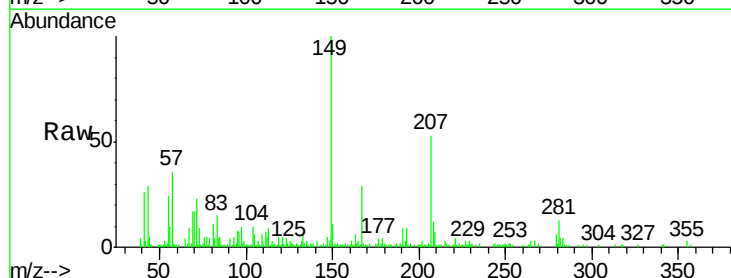
Tgt Ion:149 Resp: 58528

Ion	Ratio	Lower	Upper
149	100		
167	29.4	22.8	34.2
279	5.6	4.9	7.3

149 100

167 29.4 22.8 34.2

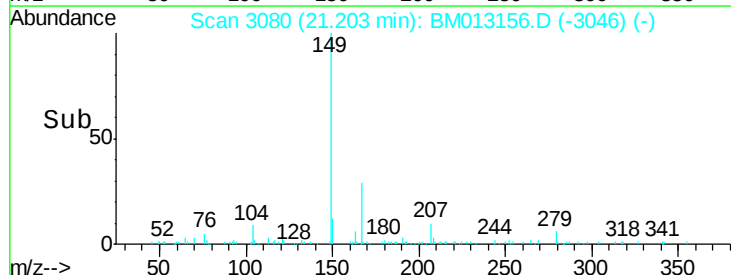
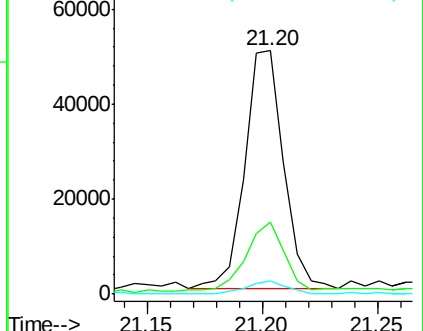
279 5.6 4.9 7.3

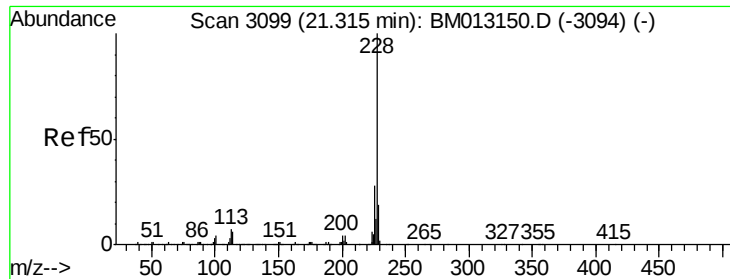


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 1.47 ng/ul

RT: 21.31 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM013156.D

Acq: 30 Nov 2017 14:04

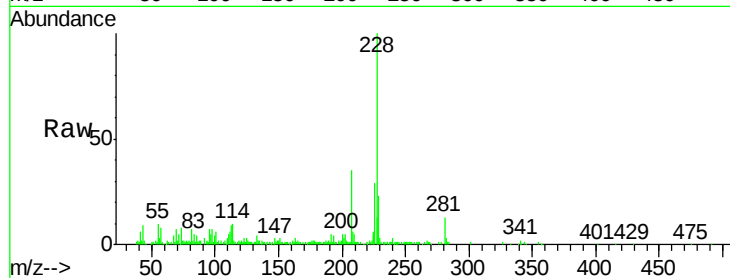
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 127325

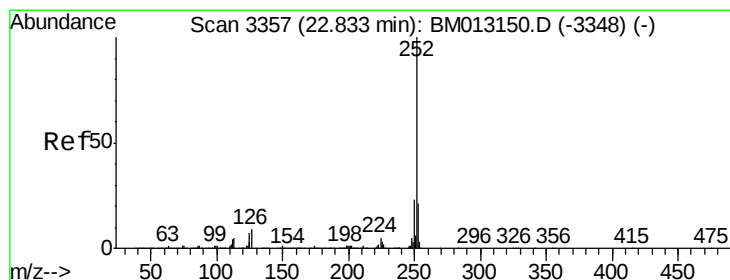
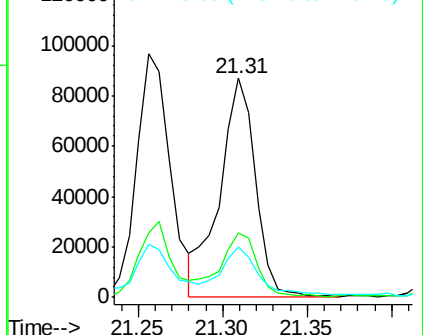
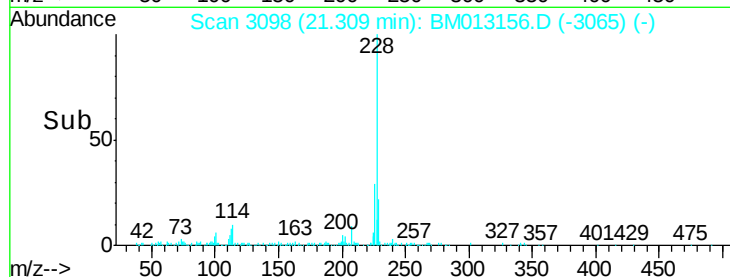
Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.2
229	22.9	15.5	23.3



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: 1.93 ng/ul

RT: 22.83 min Scan# 3357

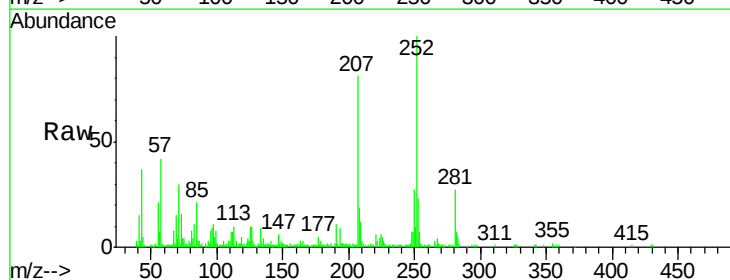
Delta R.T. 0.00 min

Lab File: BM013156.D

Acq: 30 Nov 2017 14:04

Tgt Ion:252 Resp: 173849

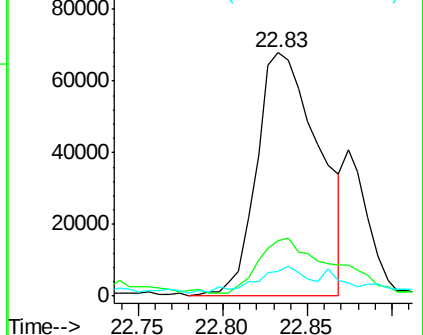
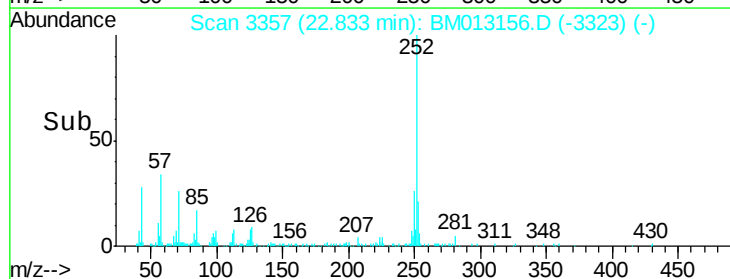
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	10.2	3.6	5.4

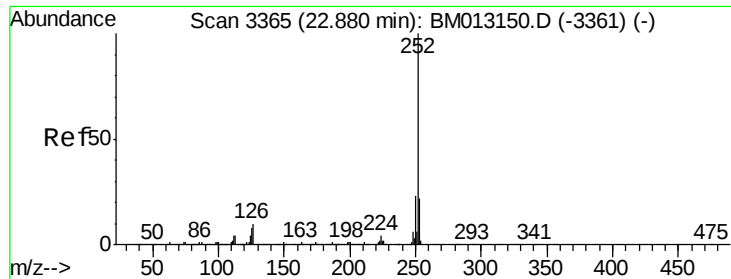


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 2.05 ng/ul

RT: 22.83 min Scan# 3357

Delta R.T. -0.05 min

Lab File: BM013156.D

Acq: 30 Nov 2017 14:04

Instrument :

BNA_M

ClientSampleId :

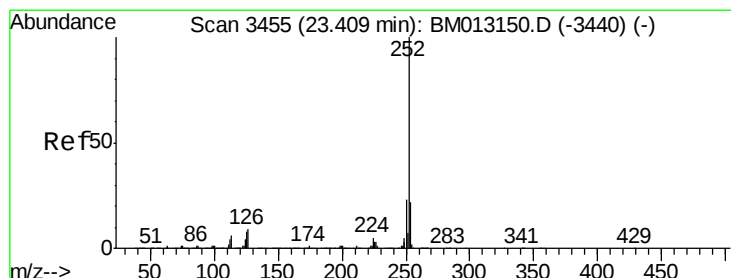
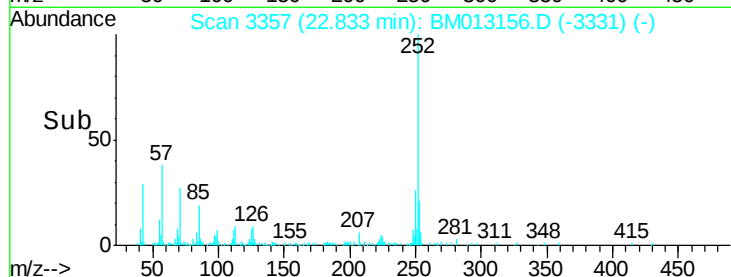
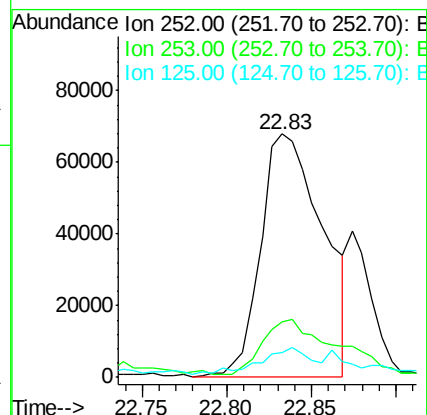
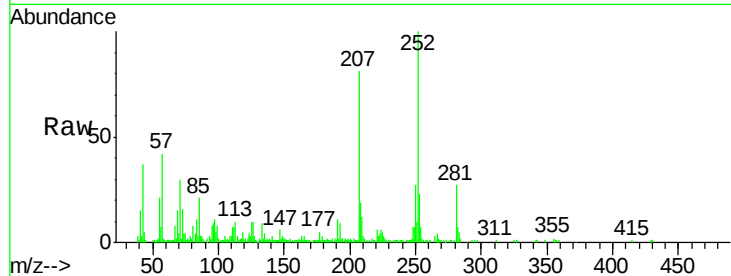
Tot Ion:252 Resp: 173849

Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

125 10.2 3.4 5.2#



#88

Benzo(a)pyrene

Concen: 1.30 ng/ul

RT: 23.40 min Scan# 3454

Delta R.T. -0.01 min

Lab File: BM013156.D

Acq: 30 Nov 2017 14:04

Tgt Ion:252 Resp: 104790

Ion Ratio Lower Upper

252 100

253 23.3 18.2 27.2

125 11.2 4.0 6.0#

