

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112717\
 Data File : BM013126.D
 Acq On : 28 Nov 2017 00:21
 Operator : SJ/JU
 Sample : I6496-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

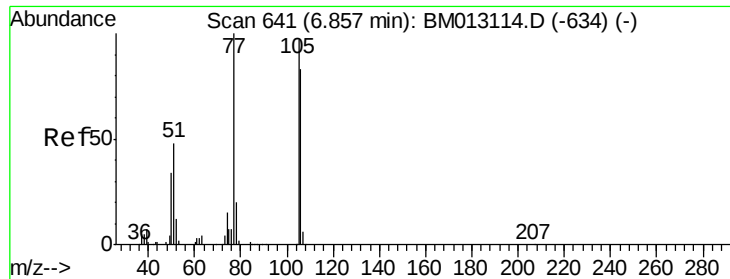
Quant Time: Nov 28 03:43:17 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 28 01:49:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	226721	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1028978	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	631415	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1433788	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1600451	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1414939	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.25	96	13608	2.78	ng/uL	0.00
5) Phenol-d5	6.89	99	345492	17.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	217940	19.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	284484	18.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	254644	15.83	ng/ul	-0.01
19) Nitrobenzene-d5	8.86	128	158045	21.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	166736	23.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	314537	17.76	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.63	131	243274	13.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	1121341	20.25	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	1317916	18.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	146892	17.49	ng/ul	-0.01
57) Fluorene-d10	15.34	176	935929	19.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	144086	23.18	ng/ul	0.00
70) Anthracene-d10	17.19	188	1431353	19.50	ng/ul	0.00
76) Pyrene-d10	19.49	212	1599220	19.56	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1438368	20.05	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
4) Benzaldehyde	6.86	77	13792	1.30	ng/ul	88
6) Phenol	6.92	94	53025	2.74	ng/ul#	82
42) 2-Nitroaniline	13.33	65	18606	2.08	ng/ul#	38
44) Dimethylphthalate	13.81	163	154227	2.91	ng/ul	98
74) Fluoranthene	19.15	202	209887	2.15	ng/ul#	97
77) Pyrene	19.52	202	176891	1.78	ng/ul#	96
80) Benzo(a)anthracene	21.26	228	111743	1.09	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.20	149	161471	2.65	ng/ul#	98
82) Chrysene	21.26	228	111743	1.18	ng/ul	99
85) Benzo(b)fluoranthene	22.83	252	168528	1.84	ng/ul#	93
86) Benzo(k)fluoranthene	22.83	252	168528	2.00	ng/ul#	91
88) Benzo(a)pyrene	23.41	252	104925	1.23	ng/ul#	95

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



#4

Benzaldehyde

Concen: 1.30 ng/ul

RT: 6.86 min Scan# 641

Delta R.T. 0.00 min

Lab File: BM013126.D

Acq: 28 Nov 2017 00:21

Instrument :

BNA_M

ClientSampled :

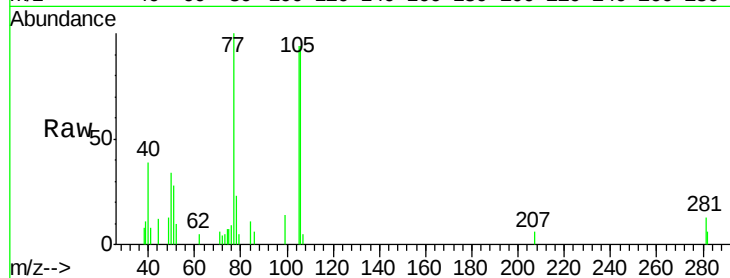
Tot Ion: 77 Resp: 13792

Ion Ratio Lower Upper

77 100

105 94.0 66.1 99.1

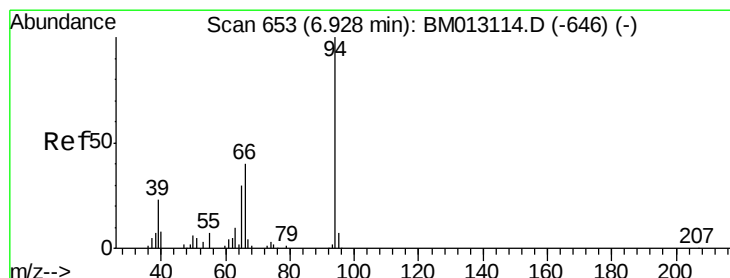
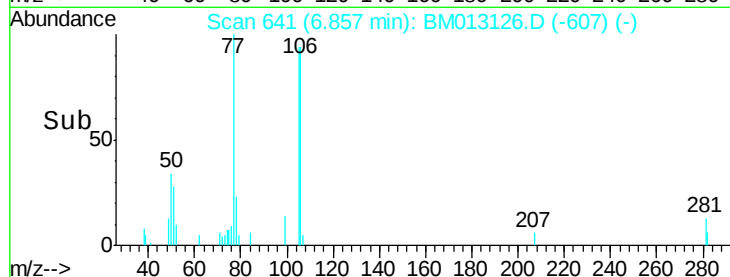
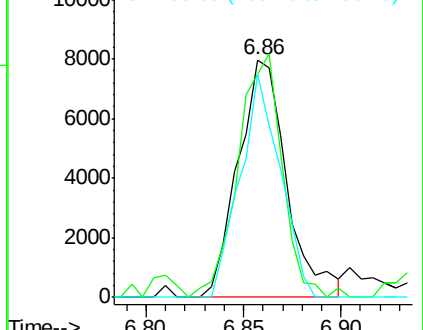
106 94.3 67.8 101.6



Abundance Ion 77.00 (76.70 to 77.70): BM013114.D (-634) (-)

Ion 105.00 (104.70 to 105.70): BM013114.D (-634) (-)

Ion 106.00 (105.70 to 106.70): BM013114.D (-634) (-)



#6

Phenol

Concen: 2.74 ng/ul

RT: 6.92 min Scan# 651

Delta R.T. -0.01 min

Lab File: BM013126.D

Acq: 28 Nov 2017 00:21

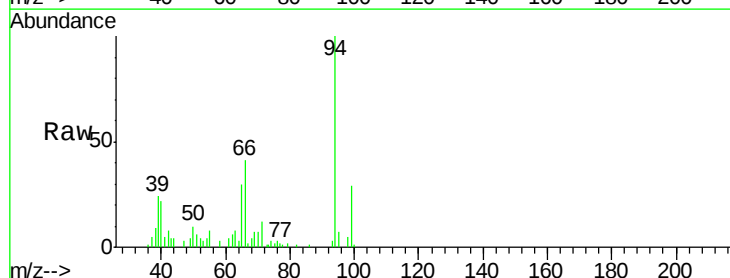
Tgt Ion: 94 Resp: 53025

Ion Ratio Lower Upper

94 100

65 30.0 28.2 42.4

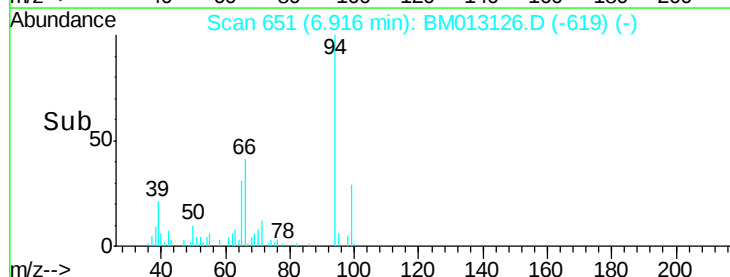
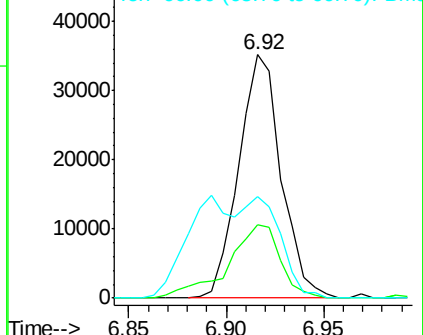
66 41.5 47.2 70.8#

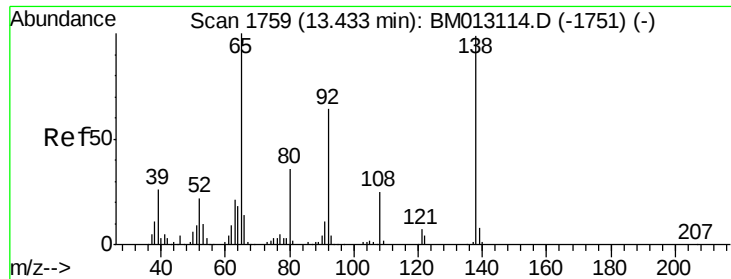


Abundance Ion 94.00 (93.70 to 94.70): BM013114.D (-646) (-)

Ion 65.00 (64.70 to 65.70): BM013114.D (-646) (-)

Ion 66.00 (65.70 to 66.70): BM013114.D (-646) (-)





#42

2-Nitroaniline

Concen: 2.08 ng/ul

RT: 13.33 min Scan# 1742

Delta R.T. -0.10 min

Lab File: BM013126.D

Acq: 28 Nov 2017 00:21

Instrument :

BNA_M

ClientSampleId :

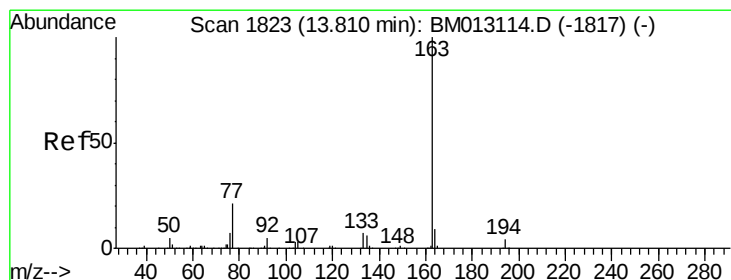
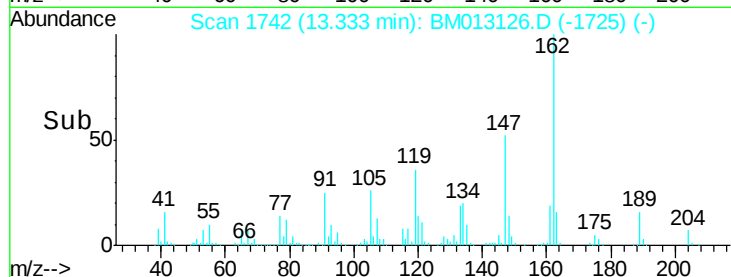
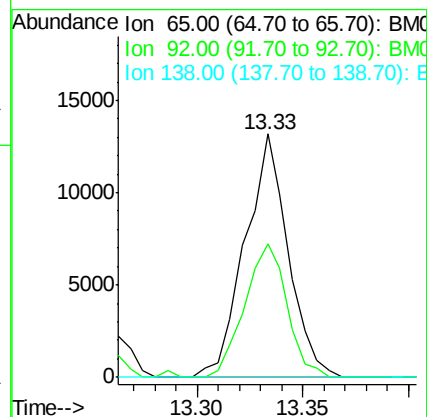
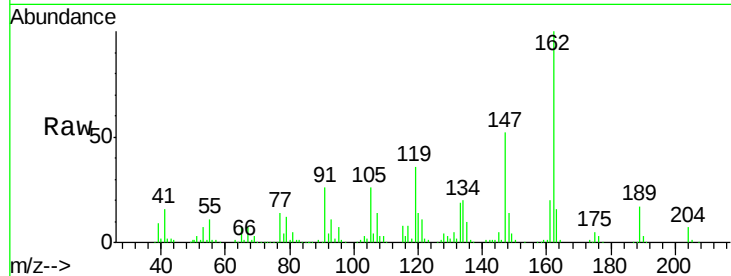
Tot Ion: 65 Resp: 18606

Ion Ratio Lower Upper

65 100

92 54.6 51.8 77.6

138 0.0 74.2 111.4#



#44

Dimethylphthalate

Concen: 2.91 ng/ul

RT: 13.81 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BM013126.D

Acq: 28 Nov 2017 00:21

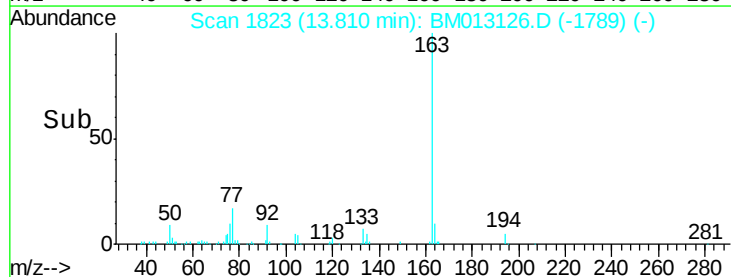
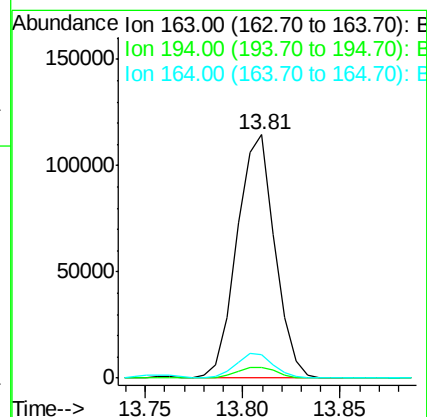
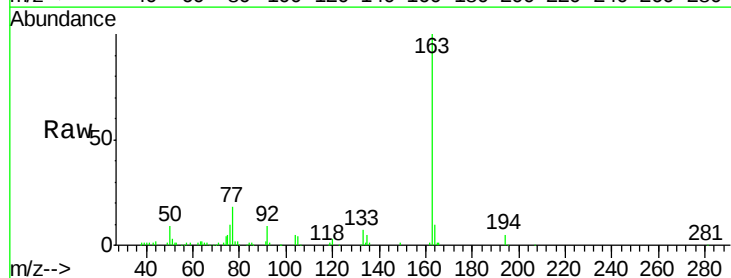
Tgt Ion:163 Resp: 154227

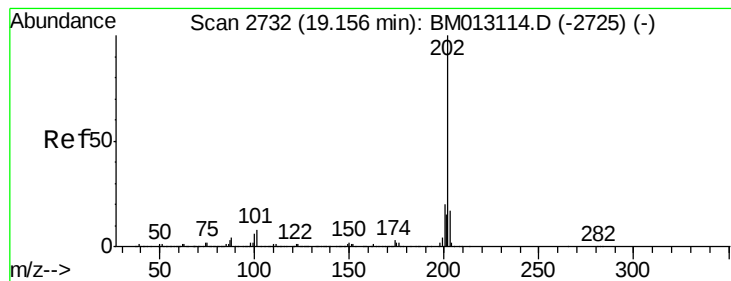
Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

164 9.5 8.2 12.4





#74

Fluoranthene

Concen: 2.15 ng/ul

RT: 19.15 min Scan# 2731

Delta R.T. -0.01 min

Lab File: BM013126.D

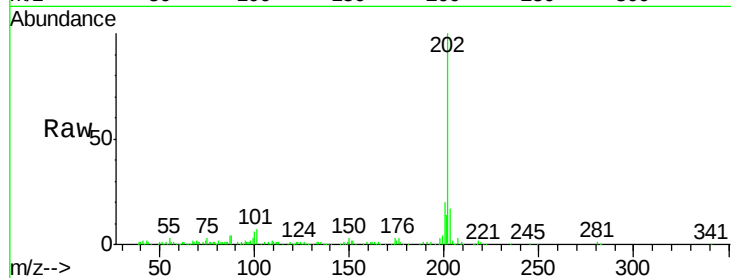
Acq: 28 Nov 2017 00:21

Instrument :

BNA_M

ClientSampleId :

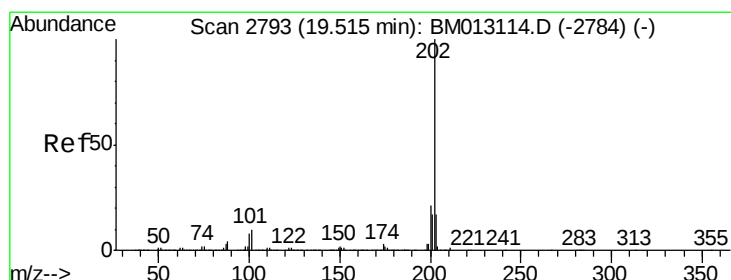
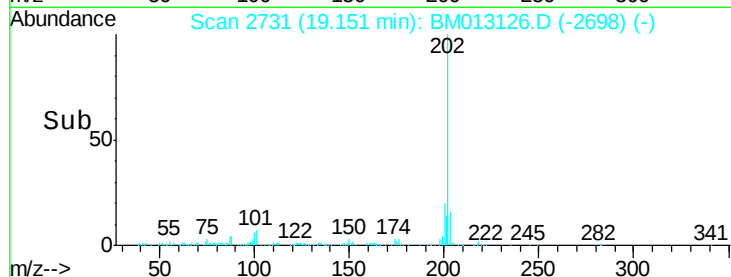
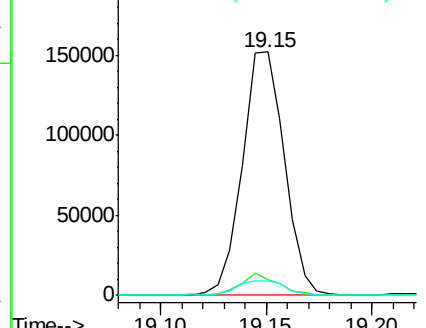
Tot Ion:	202	Resp:	209887
Ion	Ratio	Lower	Upper
202	100		
101	6.6	4.6	7.0
100	5.8	3.4	5.2#



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: 1.78 ng/ul

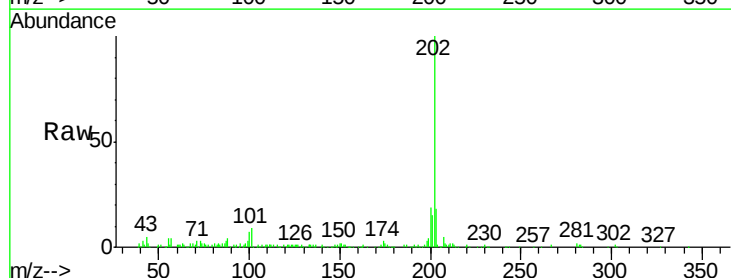
RT: 19.52 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BM013126.D

Acq: 28 Nov 2017 00:21

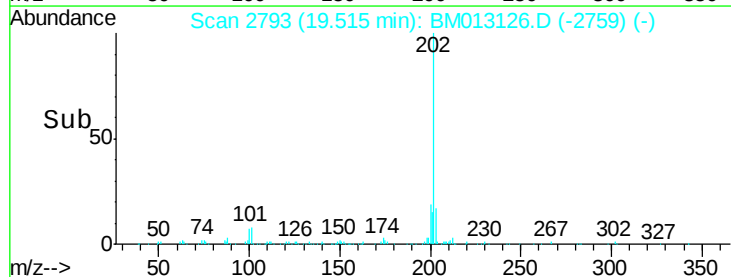
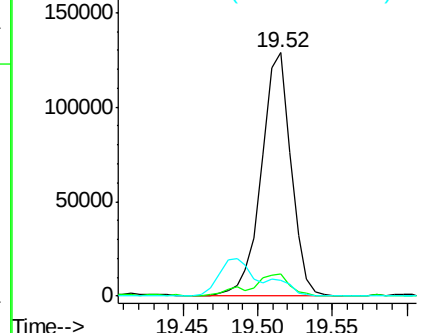
Tgt Ion:	202	Resp:	176891
Ion	Ratio	Lower	Upper
202	100		
101	8.9	5.1	7.7#
100	6.6	4.9	7.3

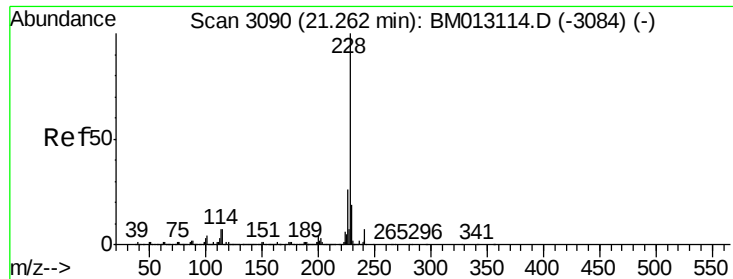


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.09 ng/ul

RT: 21.26 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BM013126.D

Acq: 28 Nov 2017 00:21

Instrument :

BNA_M

ClientSampled :

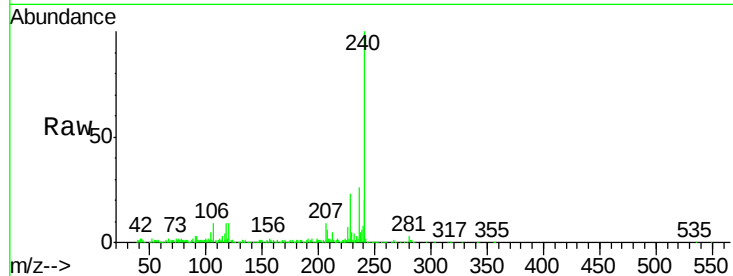
Tot Ion:228 Resp: 111743

Ion Ratio Lower Upper

228 100

229 20.7 15.4 23.0

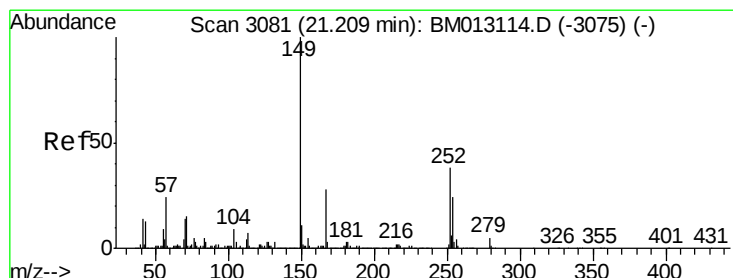
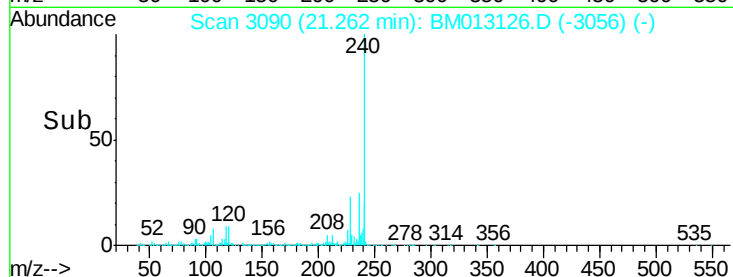
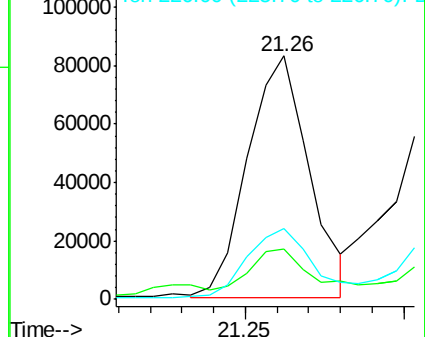
226 29.2 21.4 32.0



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: 2.65 ng/ul

RT: 21.20 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BM013126.D

Acq: 28 Nov 2017 00:21

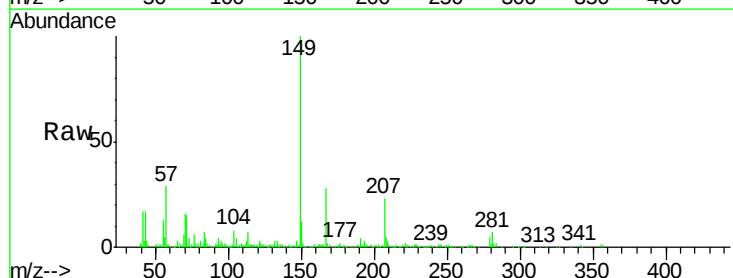
Tgt Ion:149 Resp: 161471

Ion Ratio Lower Upper

149 100

167 27.8 22.8 34.2

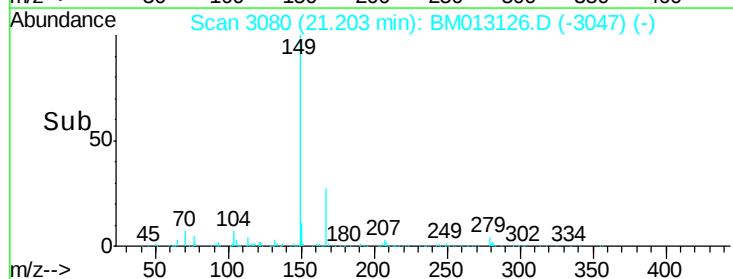
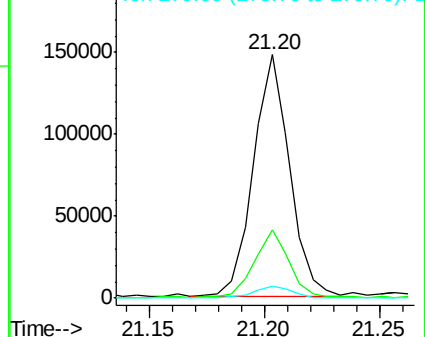
279 4.7 4.9 7.3#

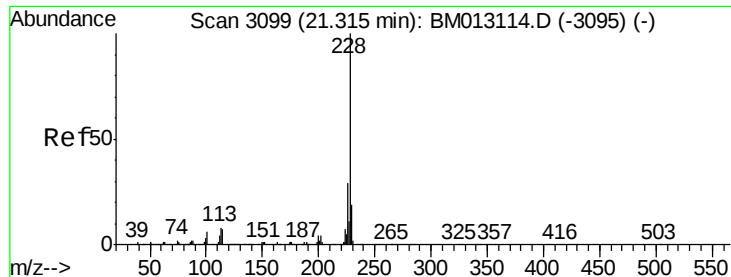


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 1.18 ng/ul

RT: 21.26 min Scan# 3090

Delta R.T. -0.05 min

Lab File: BM013126.D

Acq: 28 Nov 2017 00:21

Instrument :

BNA_M

ClientSampled :

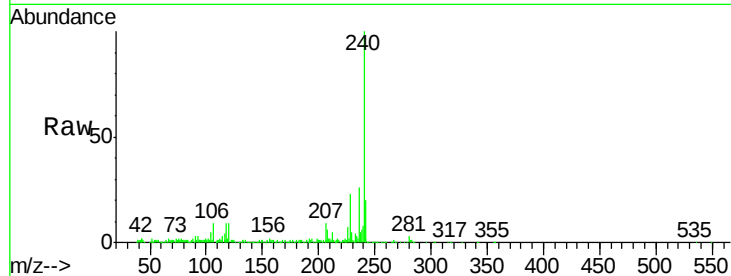
Tot Ion:228 Resp: 111743

Ion Ratio Lower Upper

228 100

226 29.2 23.4 35.2

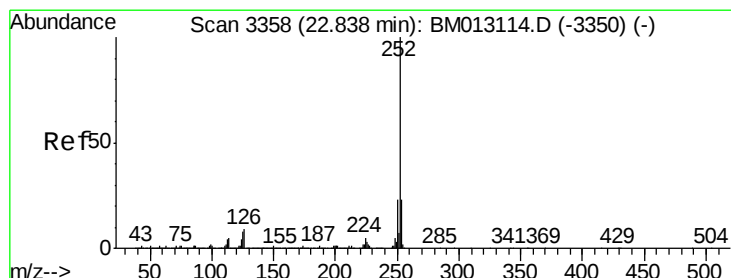
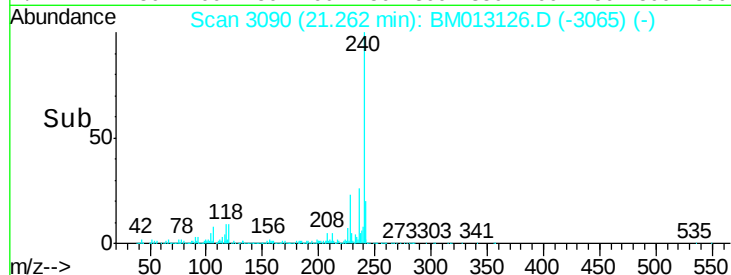
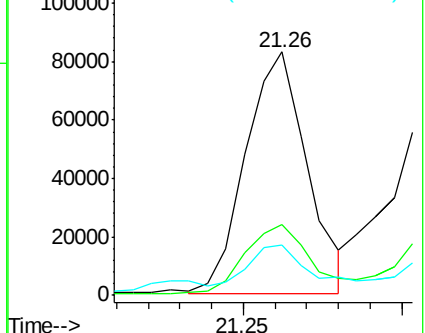
229 20.7 15.5 23.3



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: 1.84 ng/ul

RT: 22.83 min Scan# 3357

Delta R.T. -0.01 min

Lab File: BM013126.D

Acq: 28 Nov 2017 00:21

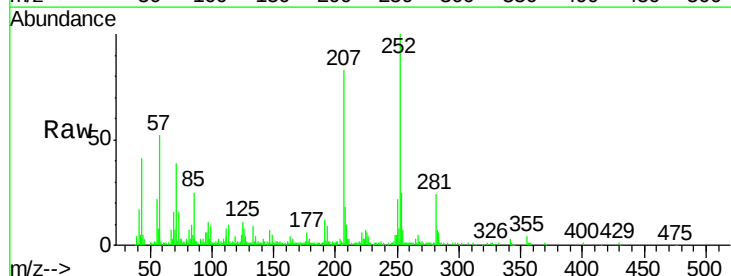
Tgt Ion:252 Resp: 168528

Ion Ratio Lower Upper

252 100

253 24.6 17.9 26.9

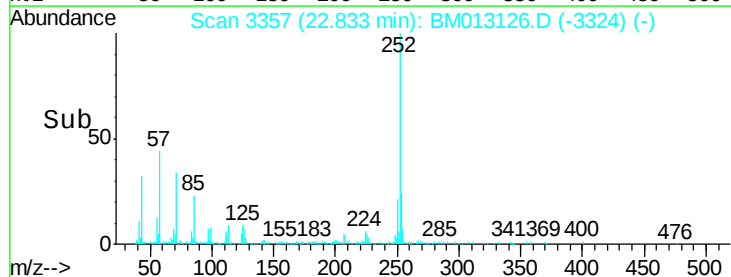
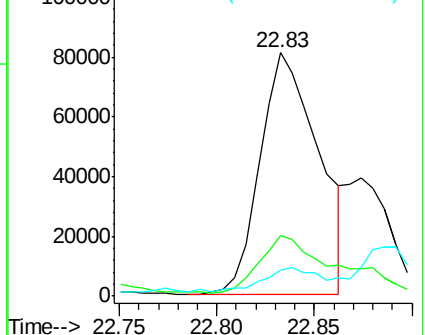
125 10.7 3.6 5.4#

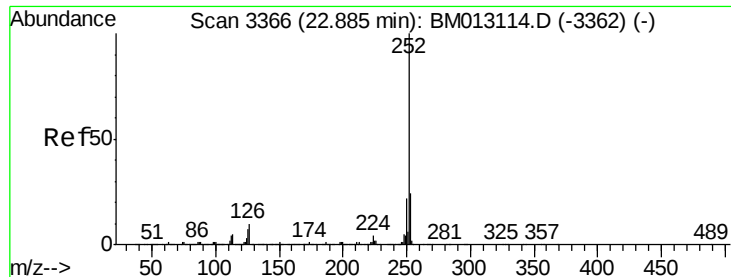


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 2.00 ng/ul

RT: 22.83 min Scan# 3357

Delta R.T. -0.05 min

Lab File: BM013126.D

Acq: 28 Nov 2017 00:21

Instrument :

BNA_M

ClientSampleId :

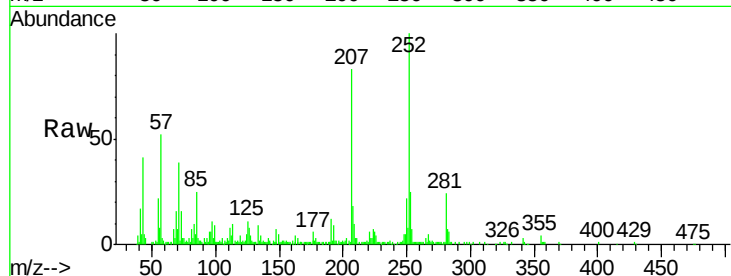
Tot Ion:252 Resp: 168528

Ion Ratio Lower Upper

252 100

253 24.6 17.1 25.7

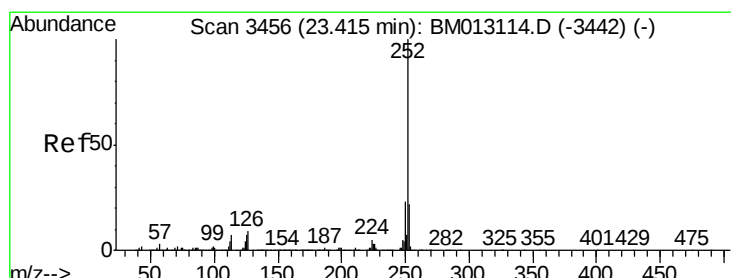
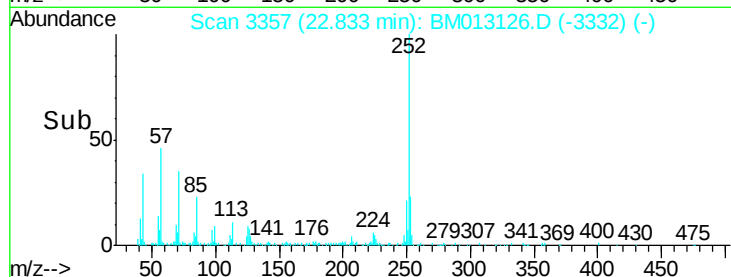
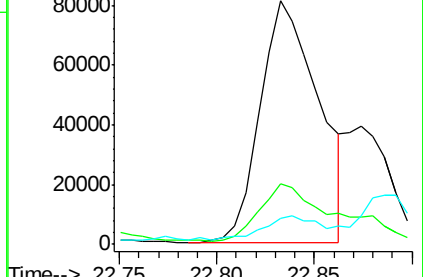
125 10.7 3.4 5.2#



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



#88

Benzo(a)pyrene

Concen: 1.23 ng/ul

RT: 23.41 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BM013126.D

Acq: 28 Nov 2017 00:21

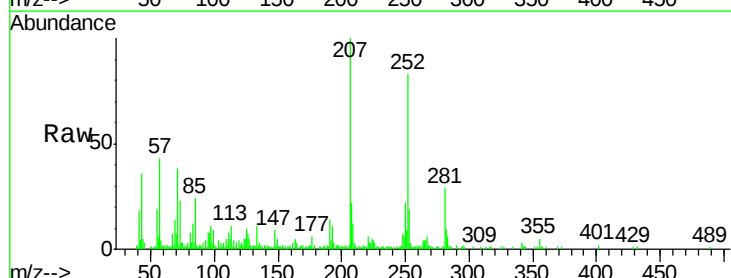
Tgt Ion:252 Resp: 104925

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

125 12.3 4.0 6.0#



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

