

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012418\
 Data File : BM013787.D
 Acq On : 25 Jan 2018 02:36
 Operator : SJ/JU
 Sample : J1223-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 25 03:37:16 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 25 03:36:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	157908	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	642373	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	366840	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	785515	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	823015	20.00	ng/ul	0.00
83) Perylene-d12	23.39	264	828988	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	11018	2.76	ng/uL	0.00
5) Phenol-d5	6.77	99	261132	21.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	149412	20.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	217256	22.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	201604	21.63	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	109214	21.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	121918	23.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	222240	21.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	258629	29.30	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	700770	23.18	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	869225	22.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	90135	18.34	ng/ul	0.00
57) Fluorene-d10	15.24	176	598755	22.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	85132	18.01	ng/ul	0.00
70) Anthracene-d10	17.10	188	900585	23.54	ng/ul	0.00
76) Pyrene-d10	19.40	212	1045966	27.30	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.26	264	980105	25.72	ng/ul	0.00

Target Compounds

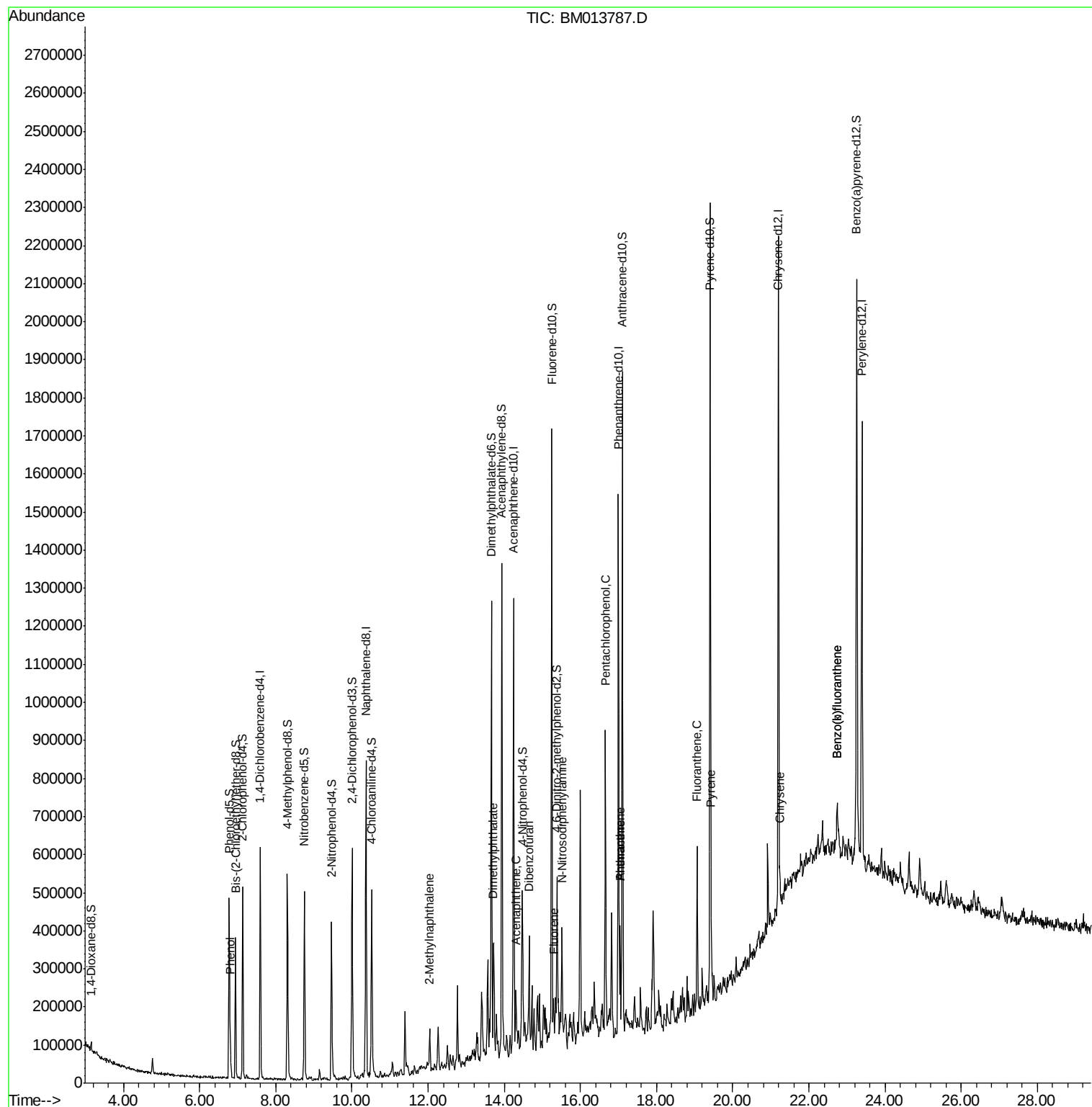
					Ovalue	
6) Phenol	6.80	94	41622	3.423	ng/ul#	83
34) 2-Methylnaphthalene	12.05	142	56513	2.372	ng/ul	99
44) Dimethylphthalate	13.71	163	146575	4.931	ng/ul	99
49) Acenaphthene	14.31	153	48412	1.982	ng/ul	96
53) Dibenzofuran	14.65	168	43606	1.186	ng/ul	90
58) Fluorene	15.30	166	30737	1.021	ng/ul#	97
64) N-Nitrosodiphenylamine	15.52	169	26762	1.158	ng/ul#	47
68) Pentachlorophenol	16.66	266	130666	24.622	ng/ul	96
69) Phenanthrene	17.04	178	160016	3.665	ng/ul	97
71) Anthracene	17.04	178	161805	3.593	ng/ul	96
74) Fluoranthene	19.07	202	225779	4.332	ng/ul#	95
77) Pyrene	19.43	202	201383	4.025	ng/ul#	94
82) Chrysene	21.24	228	51872	1.137	ng/ul	92
85) Benzo(b)fluoranthene	22.74	252	65753	1.292	ng/ul#	93
86) Benzo(k)fluoranthene	22.74	252	65753	1.336	ng/ul#	91

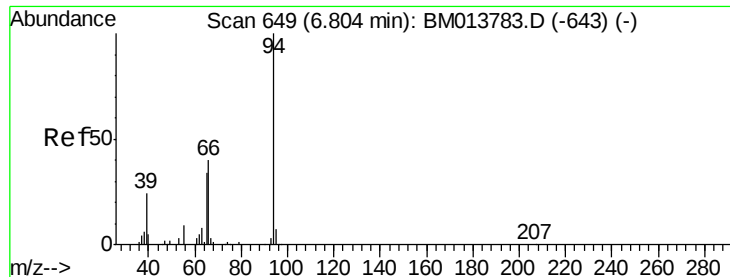
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013787.D
Acq On : 25 Jan 2018 02:36
Operator : SJ/JU
Sample : J1223-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jan 25 03:37:16 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 25 03:36:03 2018
Response via : Initial Calibration





#6

Phenol

Concen: 3.423 ng/ul

RT: 6.80 min Scan# 649

Delta R.T. 0.00 min

Lab File: BM013787.D

Acq: 25 Jan 2018 02:36

Instrument :

BNA_M

ClientSampleId :

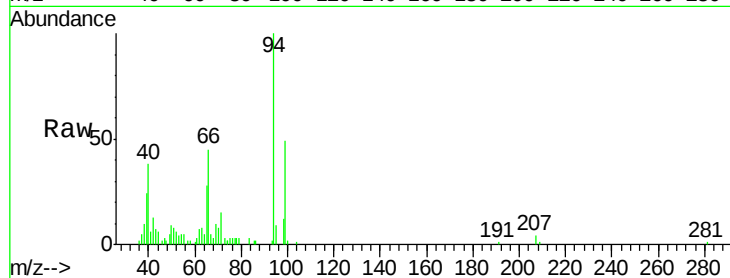
Tot Ion: 94 Resp: 41622

Ion Ratio Lower Upper

94 100

65 27.9 28.2 42.4#

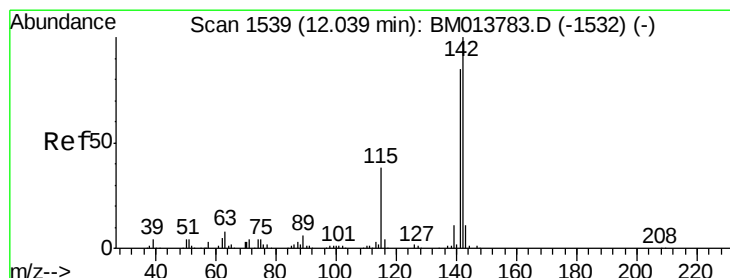
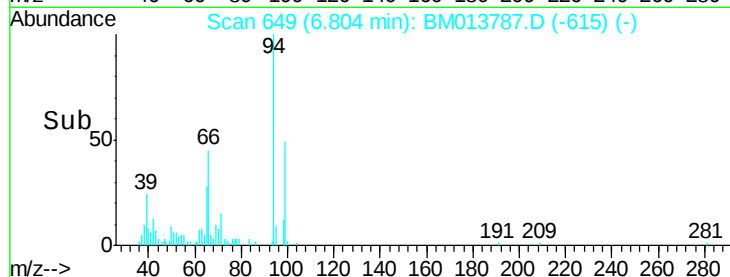
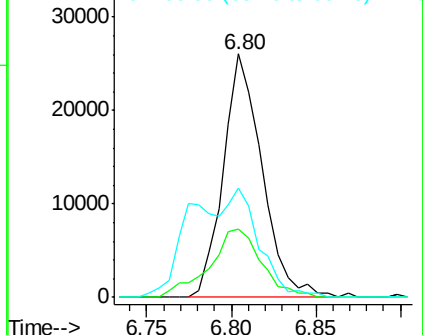
66 44.6 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013787.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BM013787.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BM013787.D (-643) (-)



#34

2-Methylnaphthalene

Concen: 2.372 ng/ul

RT: 12.05 min Scan# 1540

Delta R.T. 0.01 min

Lab File: BM013787.D

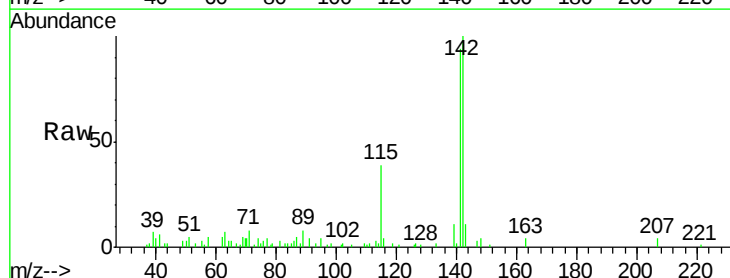
Acq: 25 Jan 2018 02:36

Tgt Ion: 142 Resp: 56513

Ion Ratio Lower Upper

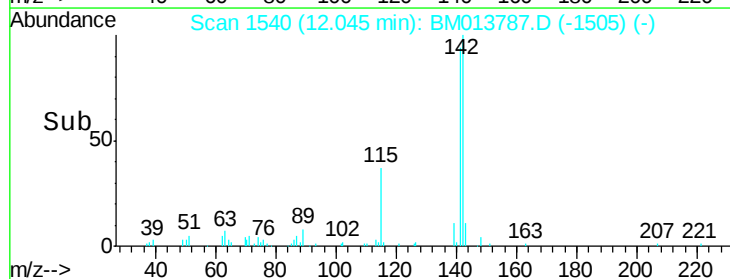
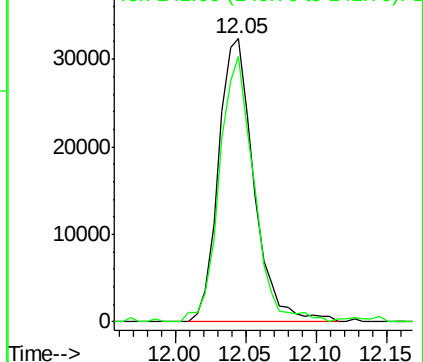
142 100

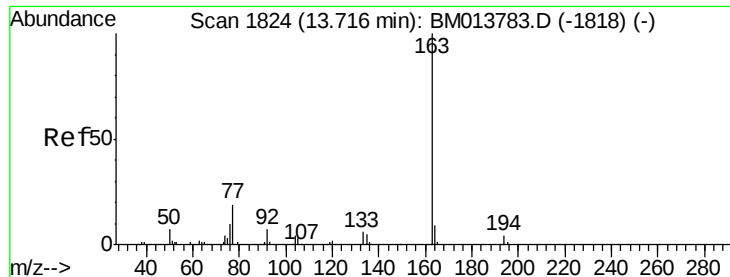
141 93.7 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): BM013787.D (-1505) (-)

Ion 141.00 (140.70 to 141.70): BM013787.D (-1505) (-)

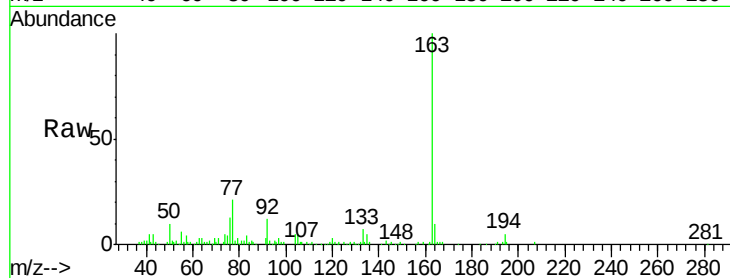




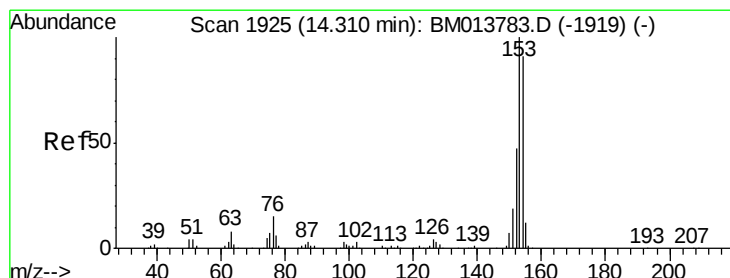
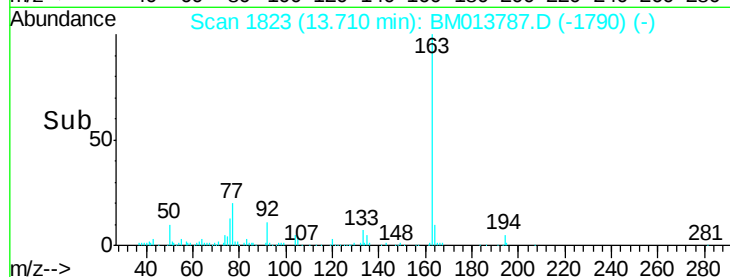
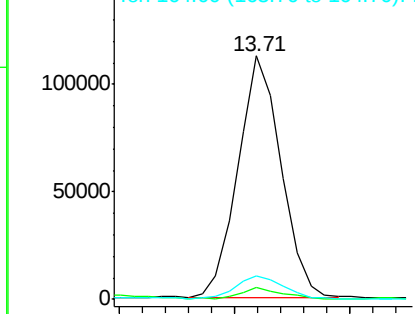
#44
Dimethylphthalate
Concen: 4.931 ng/ul
RT: 13.71 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BM013787.D
Acq: 25 Jan 2018 02:36

Instrument :
BNA_M
ClientSampleId :

Tot Ion:163 Resp: 146575
Ion Ratio Lower Upper
163 100
194 4.7 3.5 5.3
164 9.8 8.2 12.4

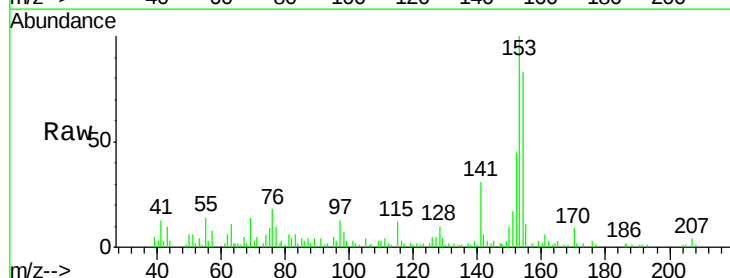


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

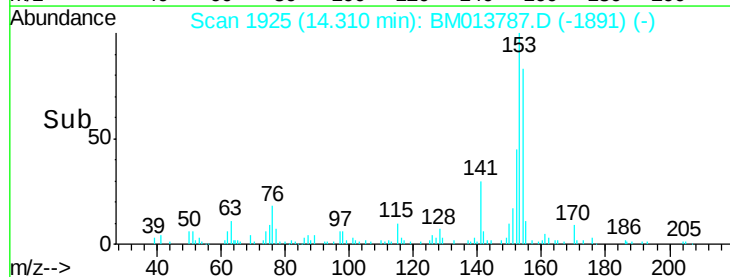
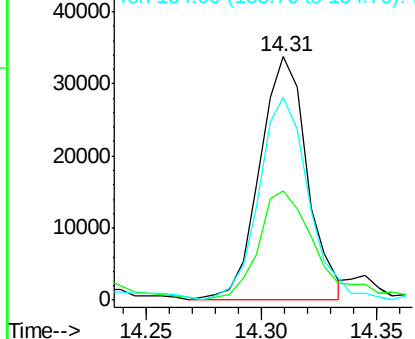


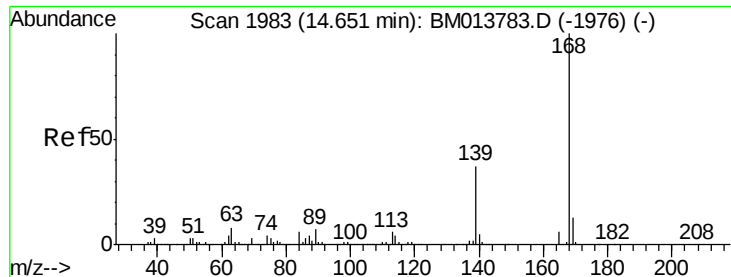
#49
Acenaphthene
Concen: 1.982 ng/ul
RT: 14.31 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BM013787.D
Acq: 25 Jan 2018 02:36

Tgt Ion:153 Resp: 48412
Ion Ratio Lower Upper
153 100
152 44.8 37.6 56.4
154 83.5 70.4 105.6



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E

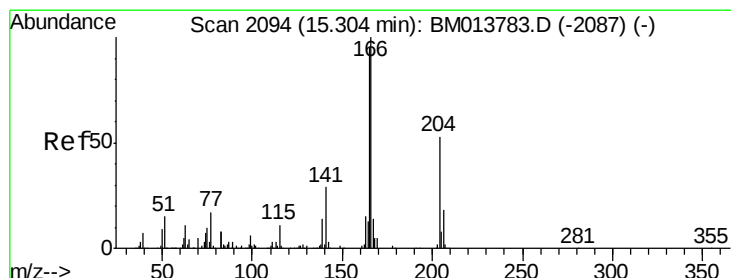
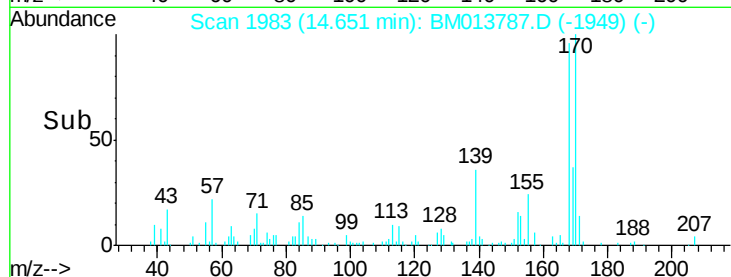
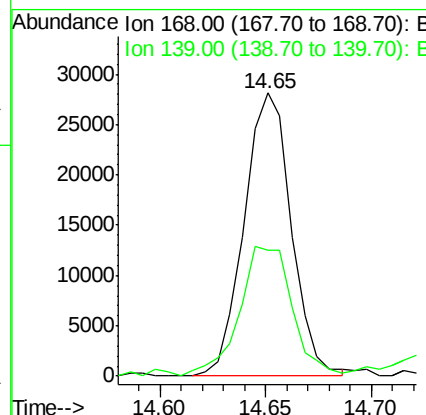
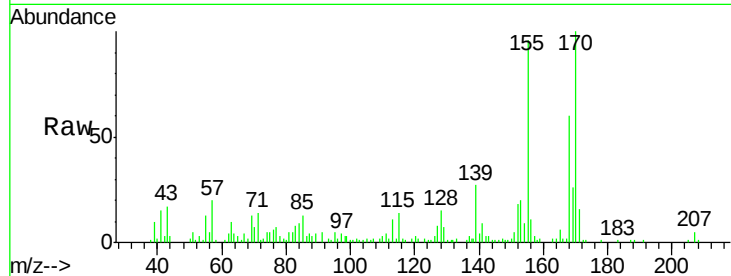




#53
Dibenzenofuran
Concen: 1.186 ng/ul
RT: 14.65 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BM013787.D
Acq: 25 Jan 2018 02:36

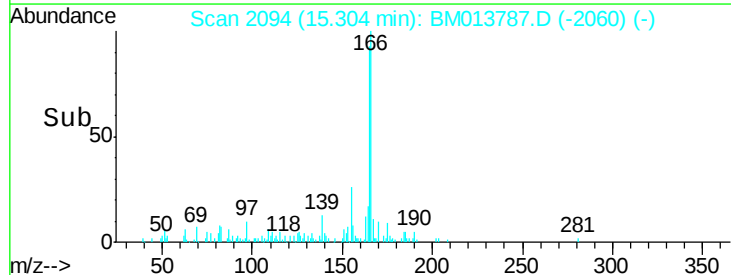
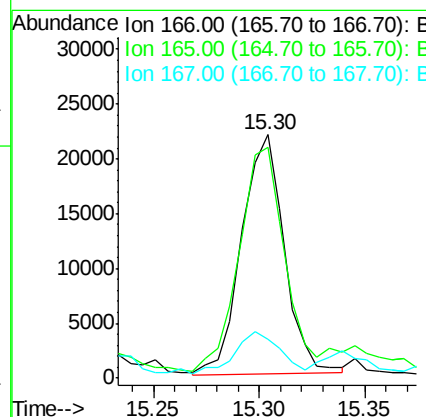
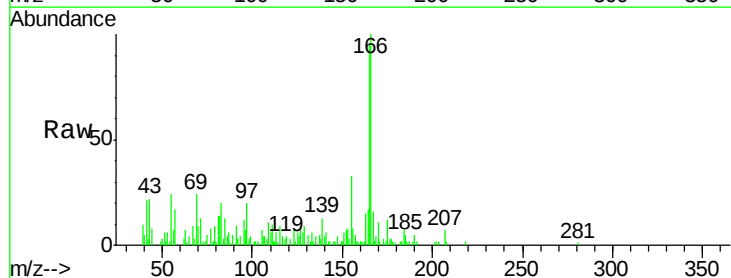
Instrument :
BNA_M
ClientSampleId :

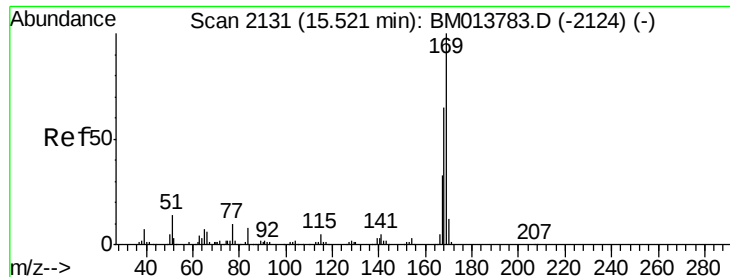
Tot Ion:168 Resp: 43606
Ion Ratio Lower Upper
168 100
139 44.6 30.8 46.2



#58
Fluorene
Concen: 1.021 ng/ul
RT: 15.30 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BM013787.D
Acq: 25 Jan 2018 02:36

Tgt Ion:166 Resp: 30737
Ion Ratio Lower Upper
166 100
165 95.0 77.9 116.9
167 16.0 10.6 16.0#



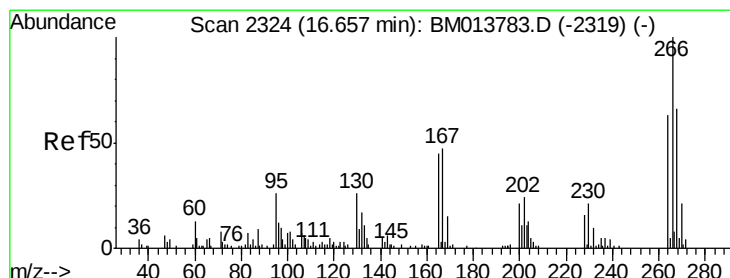
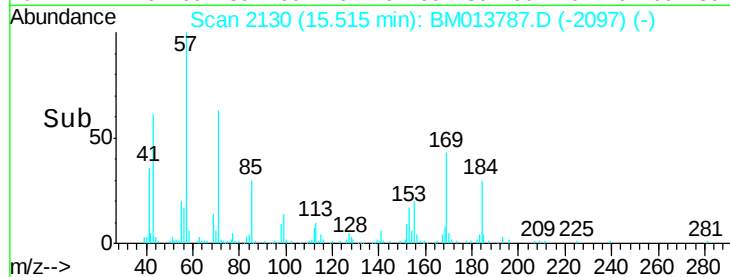
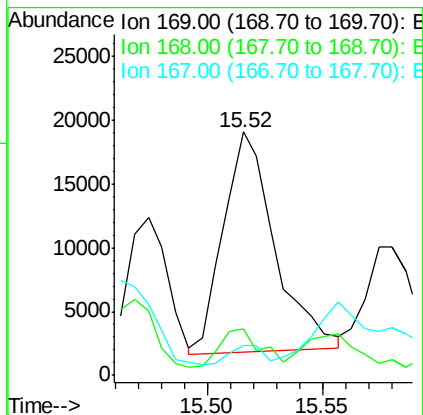
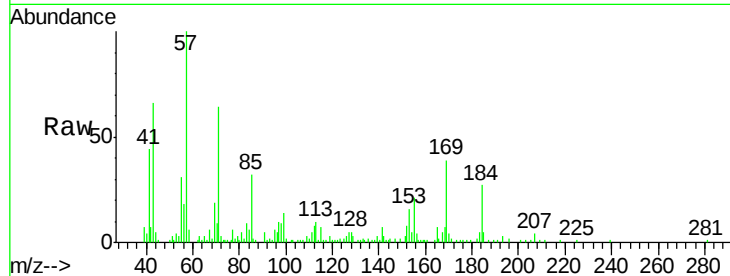


#64

N-Nitrosodiphenylamine
 Concen: 1.158 ng/ul
 RT: 15.52 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BM013787.D
 Acq: 25 Jan 2018 02:36

Instrument :
 BNA_M
 ClientSampleId :

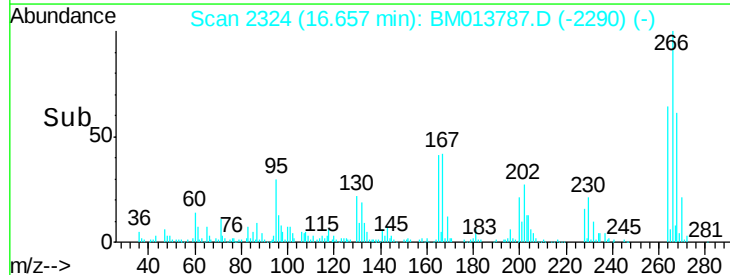
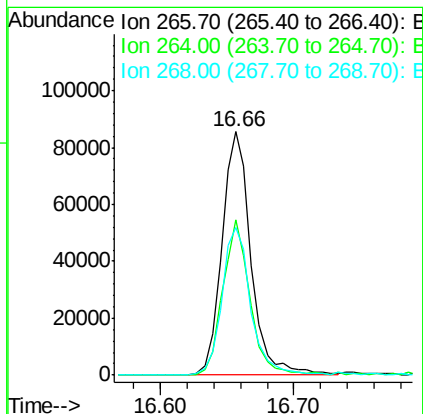
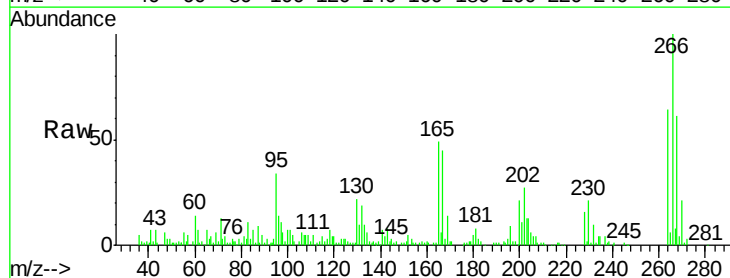
Tot Ion	169	Resp	26762
Ion Ratio	100		
Lower	54.0		
Upper	81.0		
168	18.8		
167	12.5		

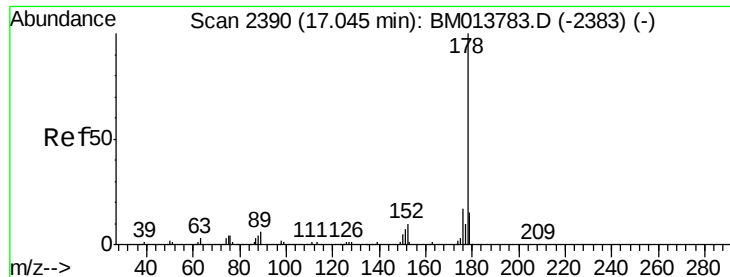


#68

Pentachlorophenol
 Concen: 24.622 ng/ul
 RT: 16.66 min Scan# 2324
 Delta R.T. 0.00 min
 Lab File: BM013787.D
 Acq: 25 Jan 2018 02:36

Tgt Ion	266	Resp	130666
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>49.3</td> <td></td> <td></td>	49.3		
Upper <td>73.9</td> <td></td> <td></td>	73.9		
264	63.6		
268	60.8		





#69

Phenanthrene

Concen: 3.665 ng/ul

RT: 17.04 min Scan# 2390

Delta R.T. 0.00 min

Lab File: BM013787.D

Acq: 25 Jan 2018 02:36

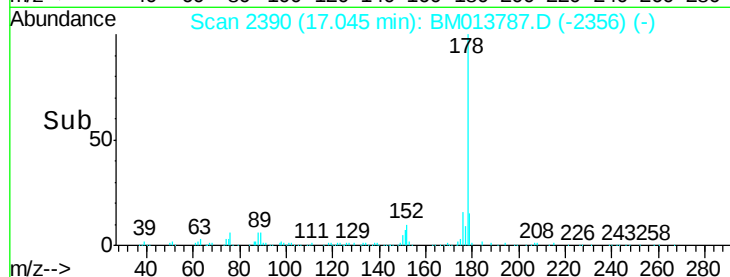
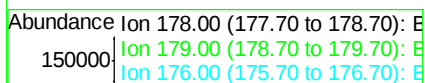
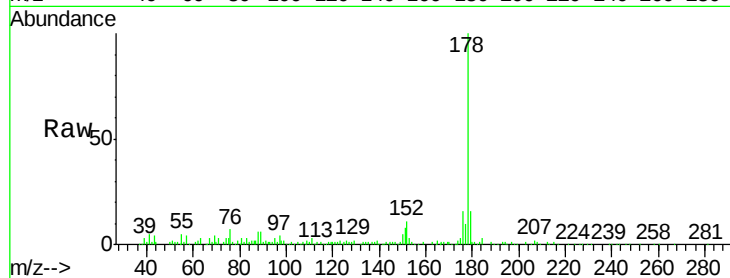
Instrument :

BNA_M

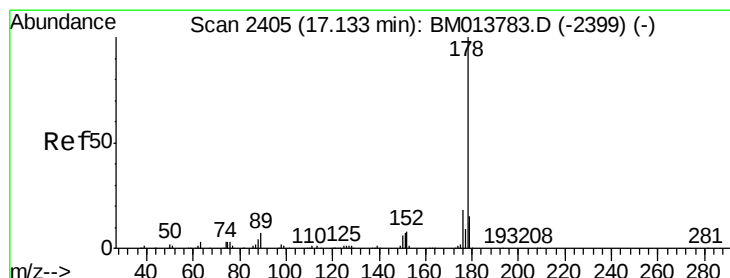
ClientSampleId :

Tot Ion:178 Resp: 160016

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.6	19.0
176	16.3	14.9	22.3



Time-->



#71

Anthracene

Concen: 3.593 ng/ul

RT: 17.04 min Scan# 2390

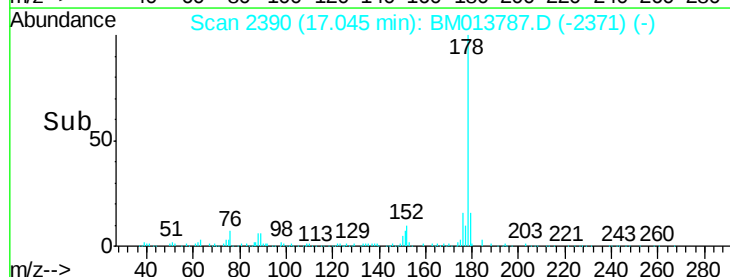
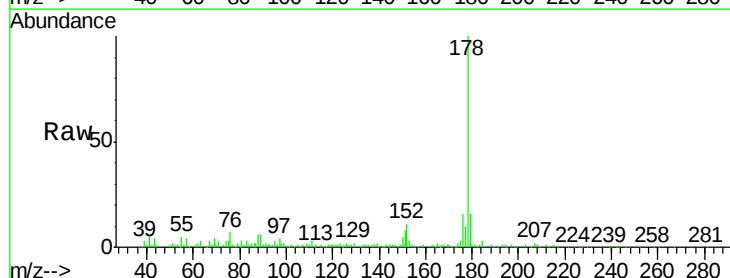
Delta R.T. -0.09 min

Lab File: BM013787.D

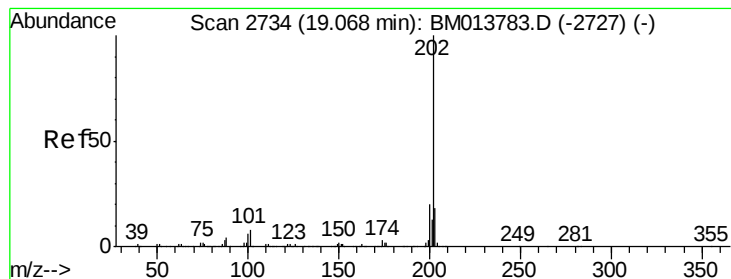
Acq: 25 Jan 2018 02:36

Tgt Ion:178 Resp: 161805

Ion	Ratio	Lower	Upper
178	100		
179	16.1	11.7	17.5
176	16.3	14.6	21.8



Time-->



#74

Fluoranthene

Concen: 4.332 ng/ul

RT: 19.07 min Scan# 2734

Delta R.T. 0.00 min

Lab File: BM013787.D

Acq: 25 Jan 2018 02:36

Instrument :

BNA_M

ClientSampleId :

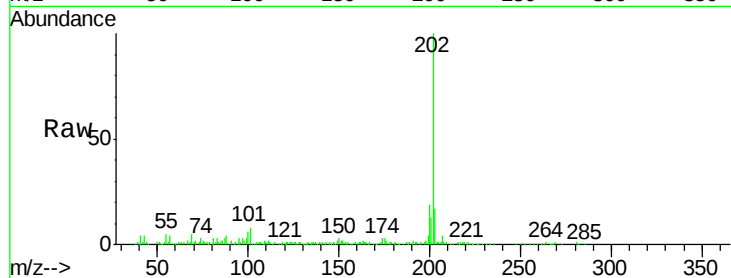
Tot Ion:202 Resp: 225779

Ion Ratio Lower Upper

202 100

101 7.7 4.6 7.0#

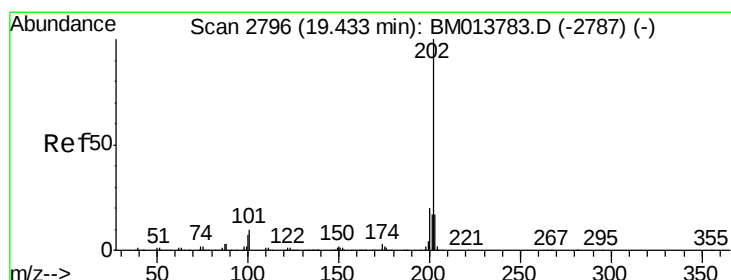
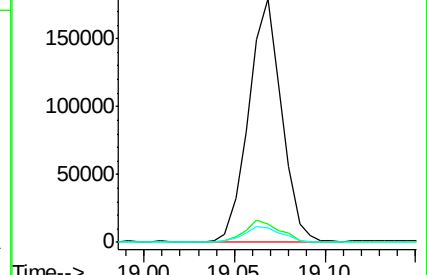
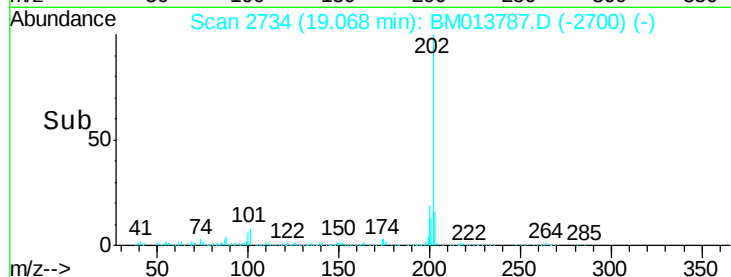
100 6.0 3.4 5.2#



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: 4.025 ng/ul

RT: 19.43 min Scan# 2796

Delta R.T. 0.00 min

Lab File: BM013787.D

Acq: 25 Jan 2018 02:36

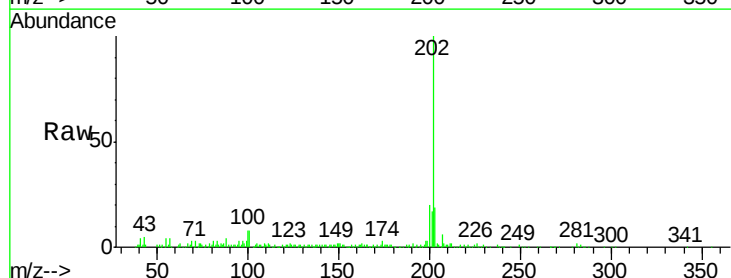
Tgt Ion:202 Resp: 201383

Ion Ratio Lower Upper

202 100

101 8.2 5.1 7.7#

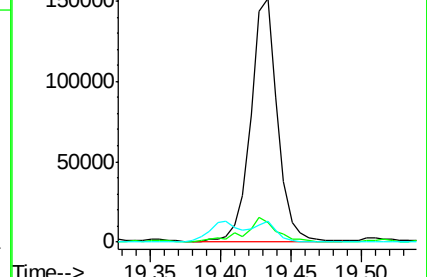
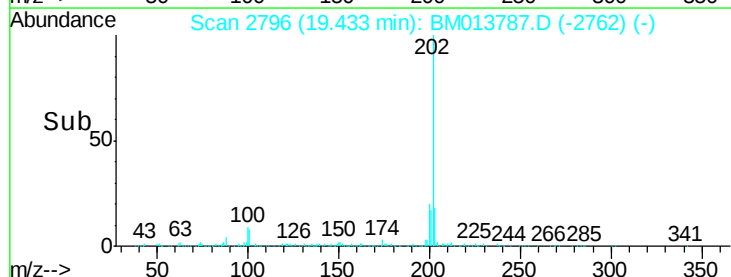
100 8.4 4.9 7.3#

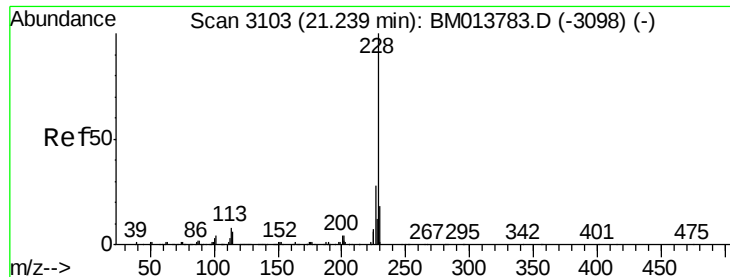


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Chrysene

Concen: 1.137 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. 0.00 min

Lab File: BM013787.D

Acq: 25 Jan 2018 02:36

Instrument :

BNA_M

ClientSampled :

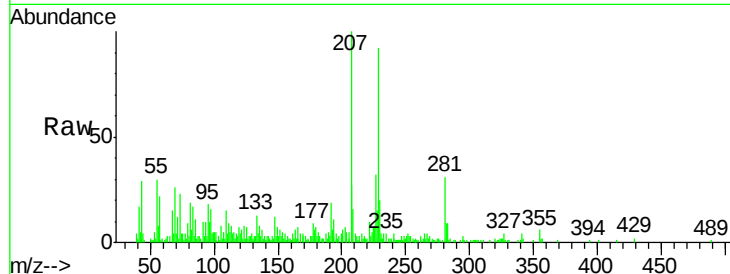
Tot Ion:228 Resp: 51872

Ion Ratio Lower Upper

228 100

226 34.8 23.4 35.2

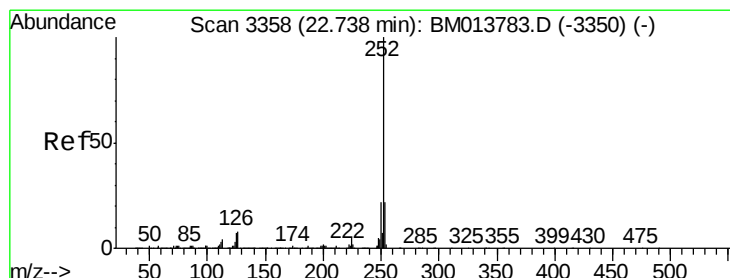
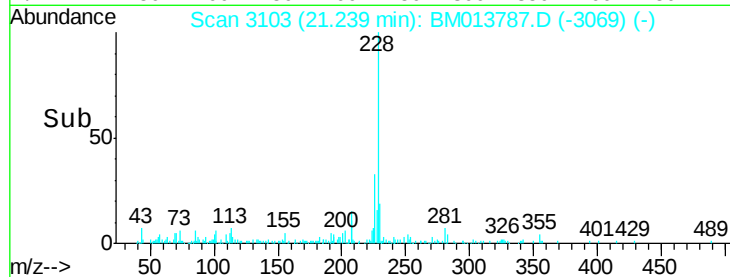
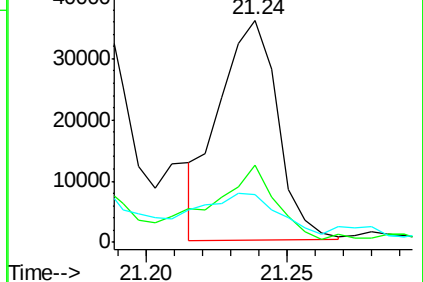
229 21.6 15.5 23.3



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: 1.292 ng/ul

RT: 22.74 min Scan# 3358

Delta R.T. 0.00 min

Lab File: BM013787.D

Acq: 25 Jan 2018 02:36

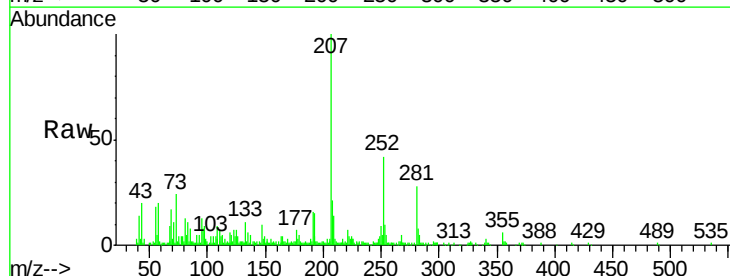
Tgt Ion:252 Resp: 65753

Ion Ratio Lower Upper

252 100

253 23.1 17.9 26.9

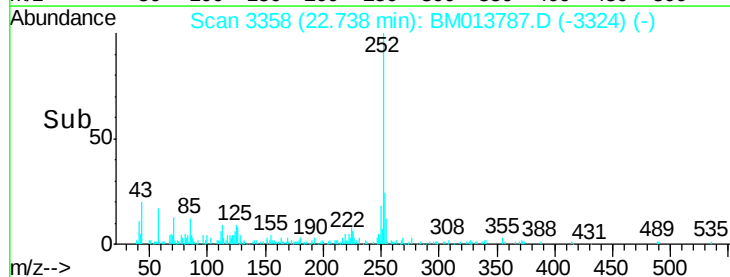
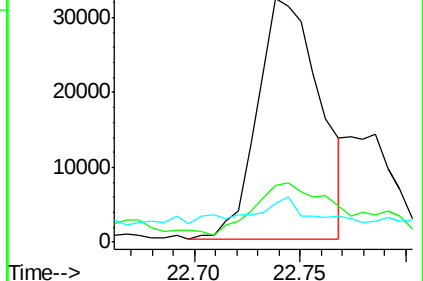
125 16.0 3.6 5.4#

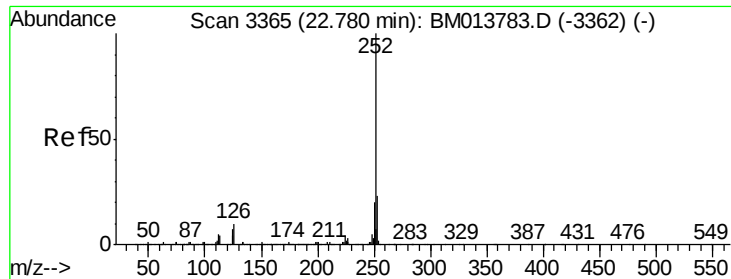


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 1.336 ng/ul

RT: 22.74 min Scan# 3358

Delta R.T. -0.04 min

Lab File: BM013787.D

Acq: 25 Jan 2018 02:36

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252 Resp: 65753

Ion Ratio Lower Upper

252 100

253 23.1 17.1 25.7

125 16.0 3.4 5.2#

