

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM012318\
 Data File : BM013759.D
 Acq On : 24 Jan 2018 08:47
 Operator : SJ/JU
 Sample : J1221-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A65

Quant Time: Jan 24 10:28:41 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 24 08:36:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	193409	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	805672	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	435209	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	909940	20.00	ng/ul	0.00
75) Chrysene-d12	21.21	240	921424	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	915113	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	18869	3.86	ng/uL	0.00
5) Phenol-d5	6.79	99	450787	30.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	259831	28.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	379483	31.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	337289	29.55	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	190864	30.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	213003	32.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	387898	30.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	437197	39.49	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	1116731	31.13	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	1447517	31.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	149866	25.71	ng/ul	0.00
57) Fluorene-d10	15.26	176	949845	30.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	124667	22.76	ng/ul	0.00
70) Anthracene-d10	17.11	188	1376557	31.06	ng/ul	0.00
76) Pyrene-d10	19.42	212	1499975	34.96	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	1384029	32.91	ng/ul	0.00

Target Compounds

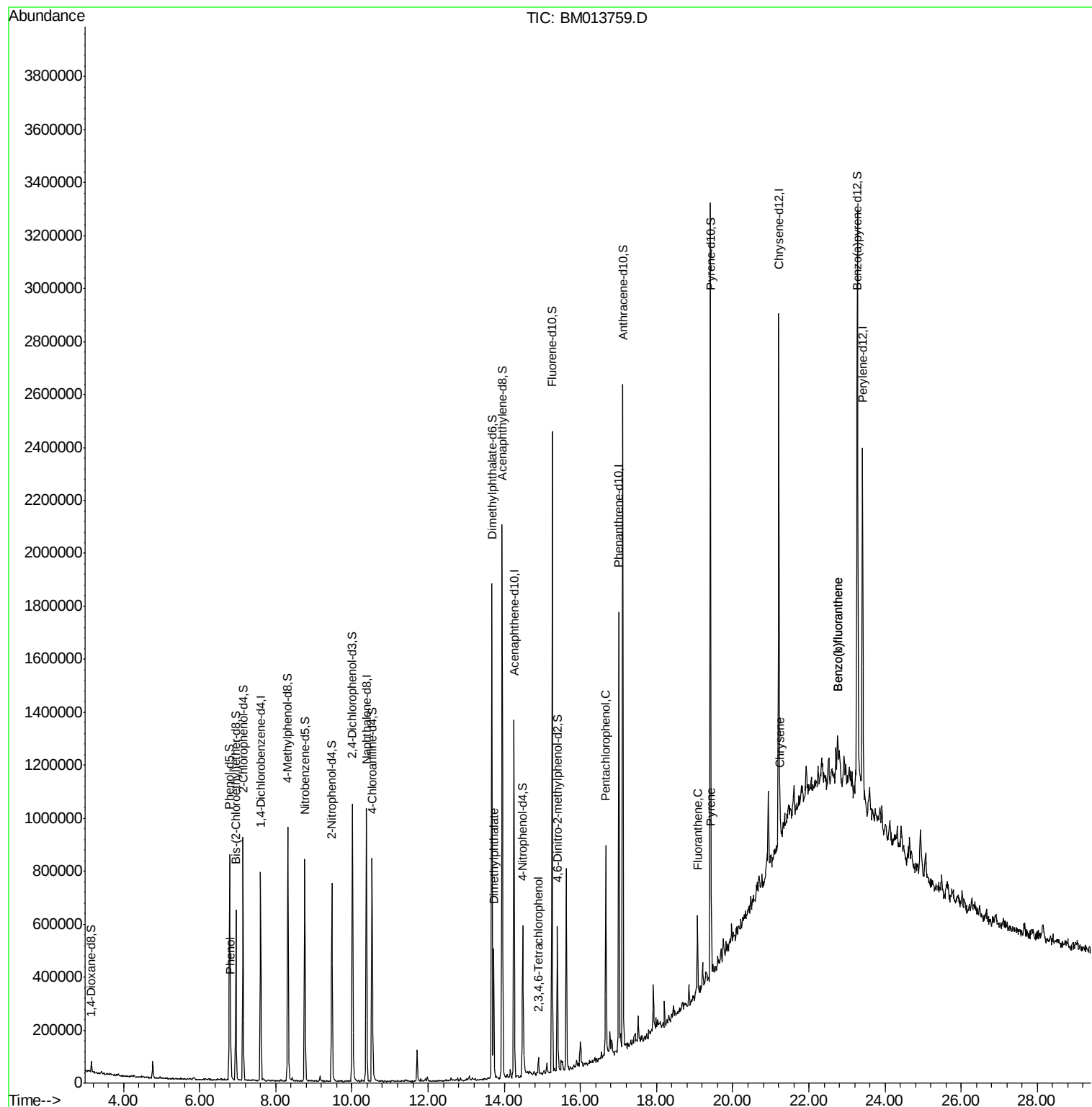
					Qvalue	
6) Phenol	6.82	94	71457	4.798	ng/ul	89
44) Dimethylphthalate	13.72	163	281584	7.984	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.90	232	10662	1.167	ng/ul#	88
68) Pentachlorophenol	16.66	266	141016	22.939	ng/ul	98
74) Fluoranthene	19.07	202	169032	2.800	ng/ul#	93
77) Pyrene	19.44	202	147699	2.637	ng/ul#	95
82) Chrysene	21.25	228	65661	1.286	ng/ul#	93
85) Benzo(b)fluoranthene	22.76	252	116231	2.068	ng/ul#	92
86) Benzo(k)fluoranthene	22.76	252	116231	2.140	ng/ul#	90

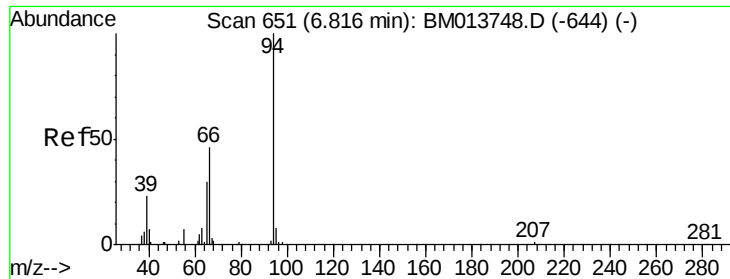
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 4.798 ng/ul

RT: 6.82 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM013759.D

Acq: 24 Jan 2018 08:47

Instrument :

BNA_M

ClientSampleId :

F6A65

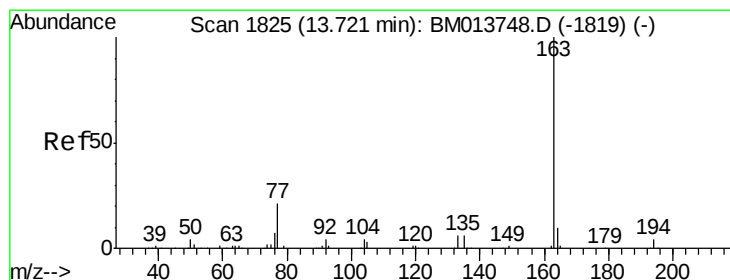
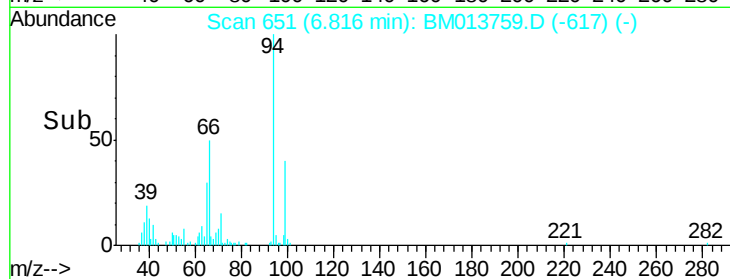
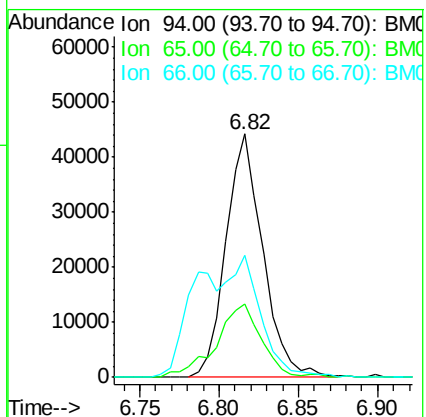
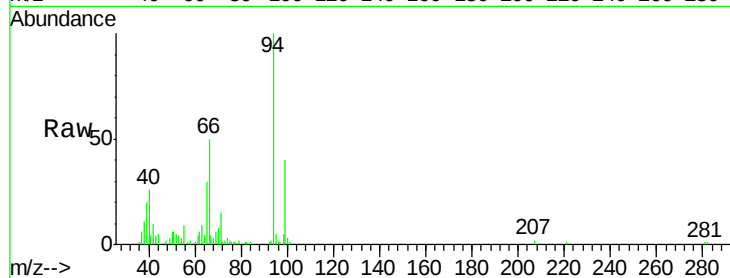
Tgt Ion: 94 Resp: 71457

Ion Ratio Lower Upper

94 100

65 29.9 28.2 42.4

66 50.1 47.2 70.8



#44

Dimethylphthalate

Concen: 7.984 ng/ul

RT: 13.72 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BM013759.D

Acq: 24 Jan 2018 08:47

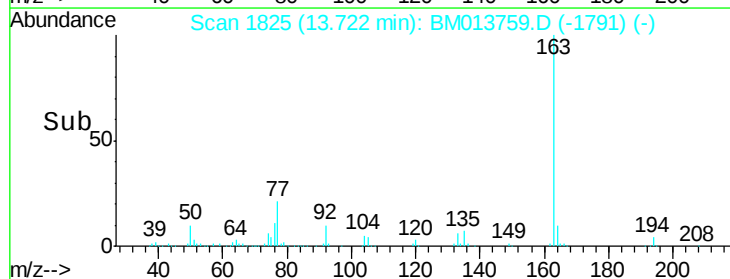
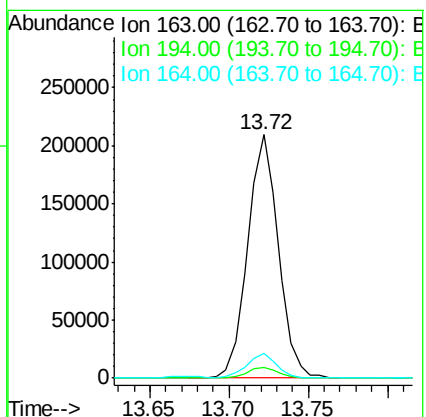
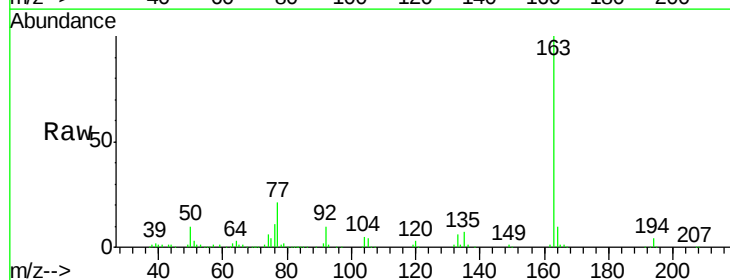
Tgt Ion: 163 Resp: 281584

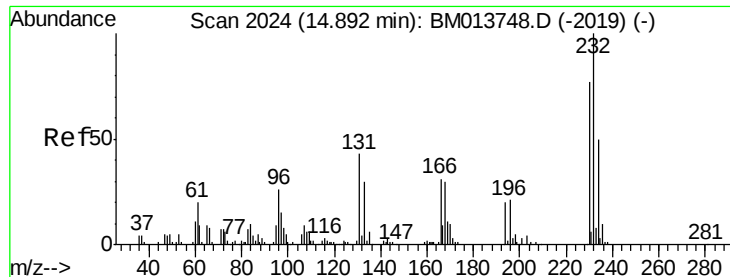
Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

164 10.3 8.2 12.4

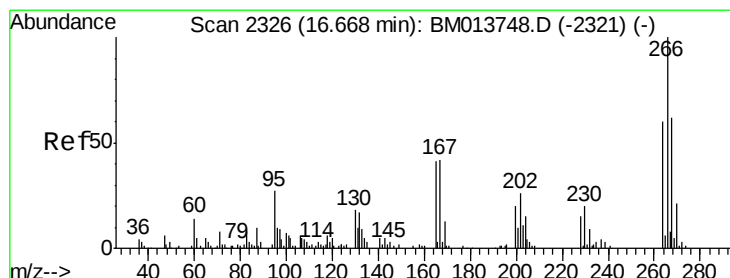
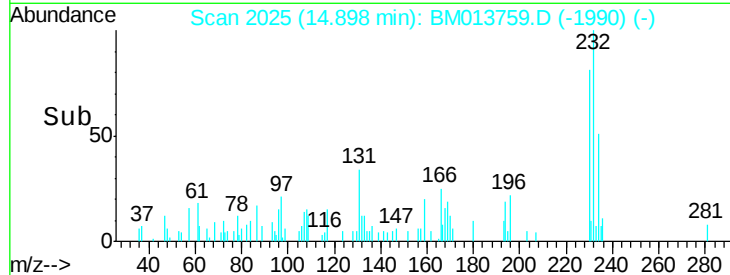
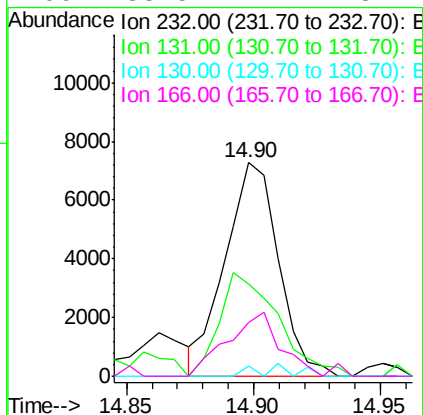
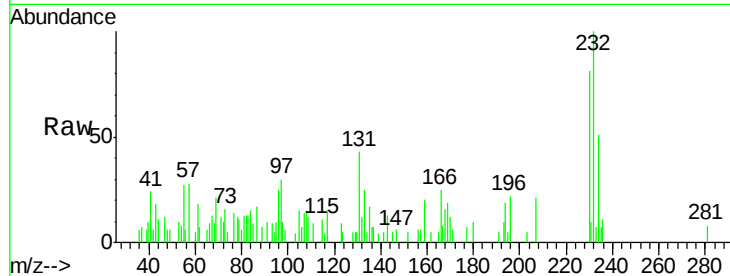




#55
 2,3,4,6-Tetrachlorophenol
 Concen: 1.167 ng/ul
 RT: 14.90 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BM013759.D
 Acq: 24 Jan 2018 08:47

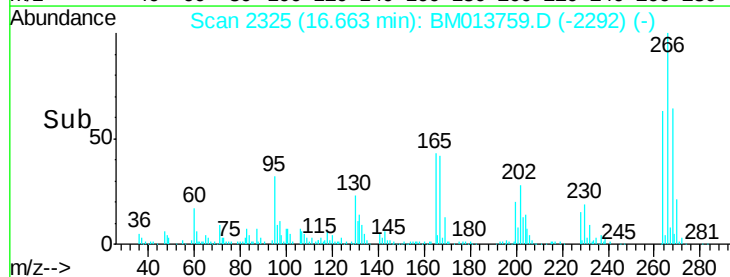
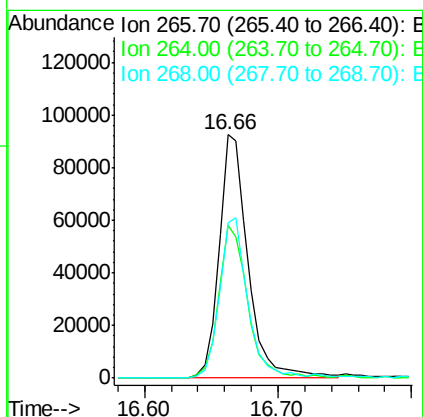
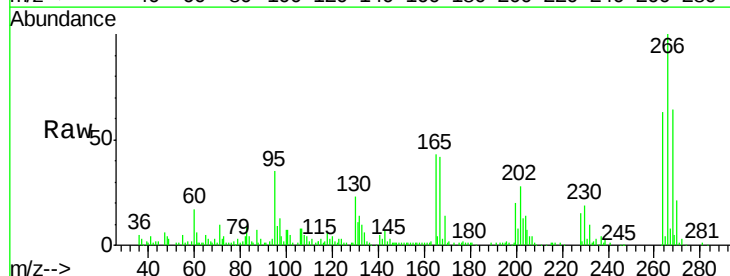
Instrument :
 BNA_M
 ClientSampled :
 F6A65

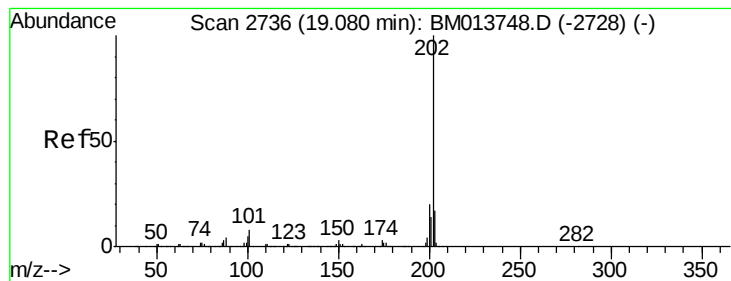
Tgt Ion:232 Resp: 10662
 Ion Ratio Lower Upper
 232 100
 131 43.3 29.0 43.4
 130 4.7 2.0 3.0#
 166 33.5 21.4 32.2#



#68
 Pentachlorophenol
 Concen: 22.939 ng/ul
 RT: 16.66 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BM013759.D
 Acq: 24 Jan 2018 08:47

Tgt Ion:266 Resp: 141016
 Ion Ratio Lower Upper
 266 100
 264 62.5 49.3 73.9
 268 63.6 52.6 78.8





#74

Fluoranthene

Concen: 2.800 ng/ul

RT: 19.07 min Scan# 2735

Delta R.T. -0.01 min

Lab File: BM013759.D

Acq: 24 Jan 2018 08:47

Instrument :

BNA_M

ClientSampleId :

F6A65

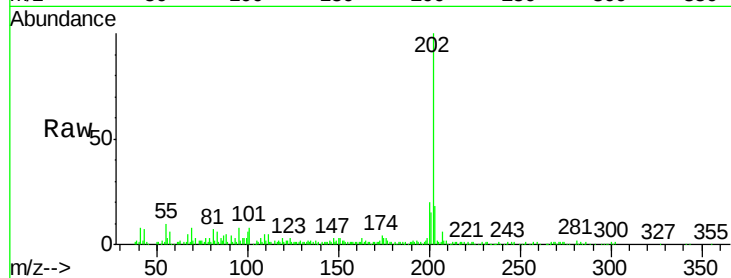
Tgt Ion:202 Resp: 169032

Ion Ratio Lower Upper

202 100

101 8.3 4.6 7.0#

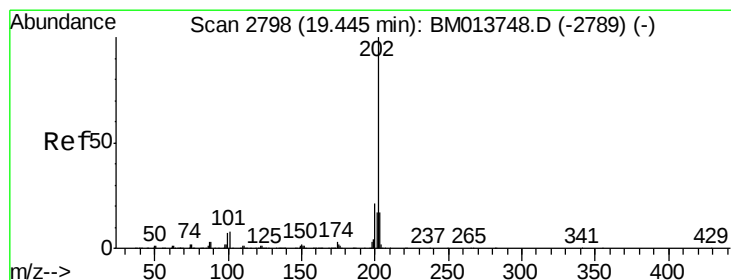
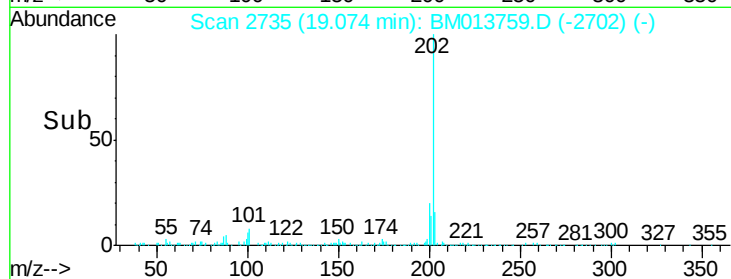
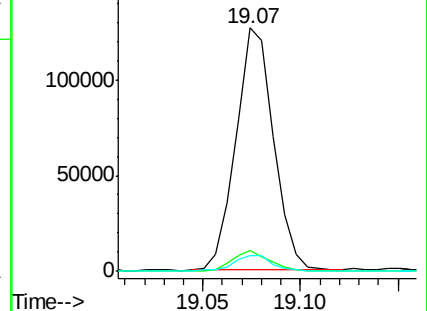
100 6.4 3.4 5.2#



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: 2.637 ng/ul

RT: 19.44 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BM013759.D

Acq: 24 Jan 2018 08:47

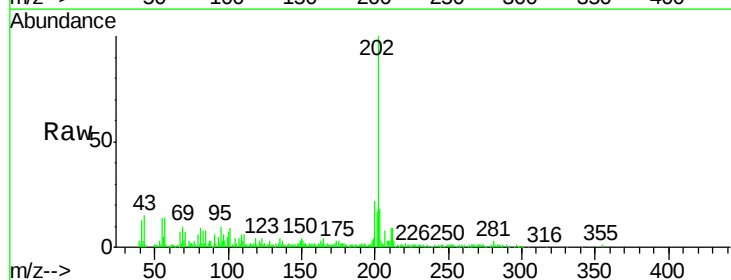
Tgt Ion:202 Resp: 147699

Ion Ratio Lower Upper

202 100

101 8.8 5.1 7.7#

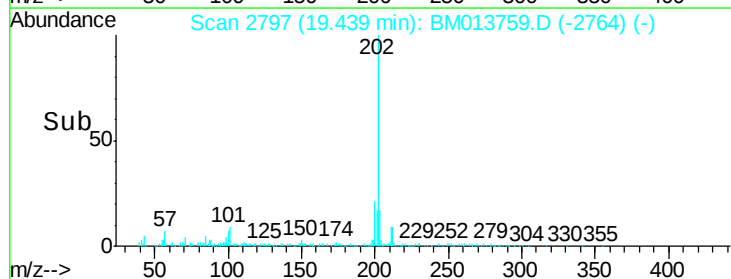
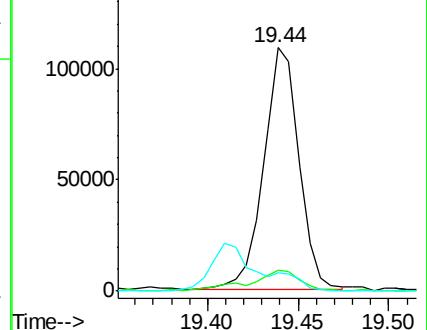
100 7.4 4.9 7.3#

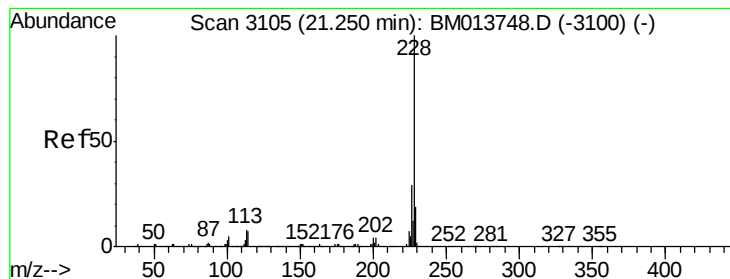


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Chrysene

Concen: 1.286 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. 0.00 min

Lab File: BM013759.D

Acq: 24 Jan 2018 08:47

Instrument :

BNA_M

ClientSampleId :

F6A65

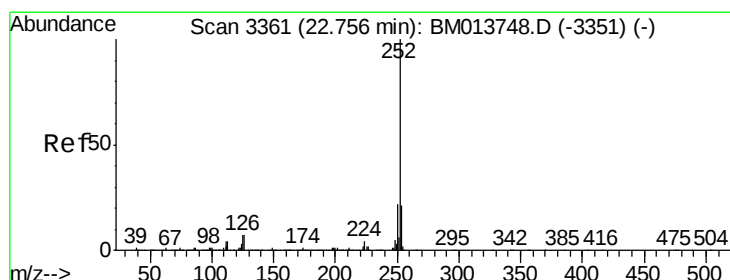
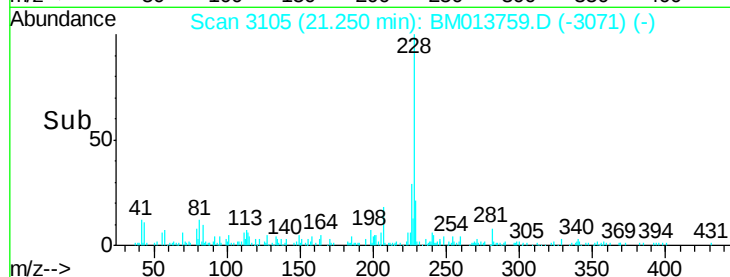
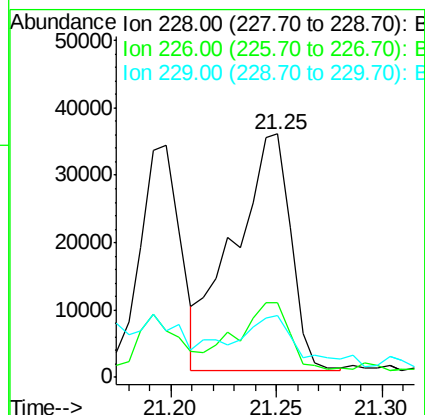
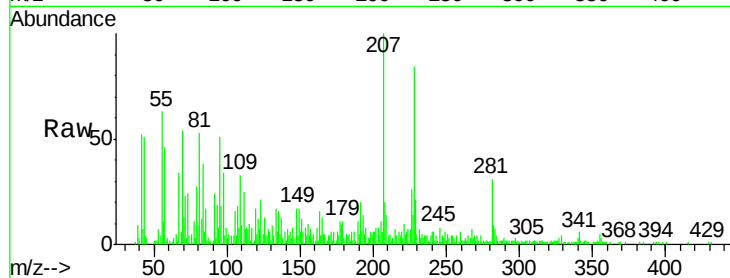
Tgt Ion:228 Resp: 65661

Ion Ratio Lower Upper

228 100

226 30.8 23.4 35.2

229 25.5 15.5 23.3#



#85

Benzo(b)fluoranthene

Concen: 2.068 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. 0.00 min

Lab File: BM013759.D

Acq: 24 Jan 2018 08:47

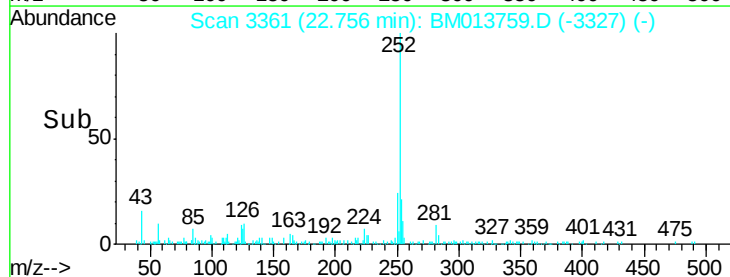
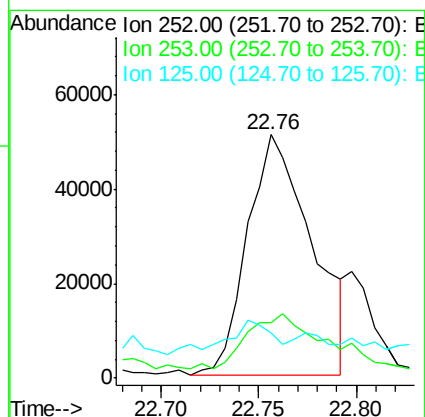
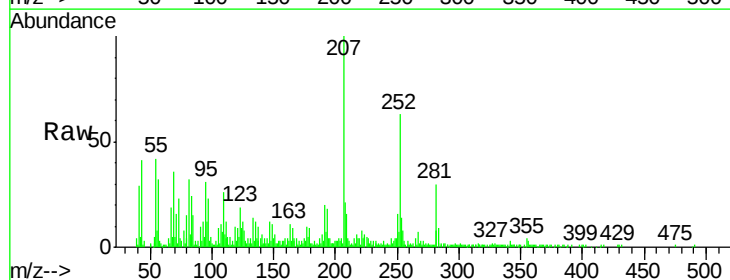
Tgt Ion:252 Resp: 116231

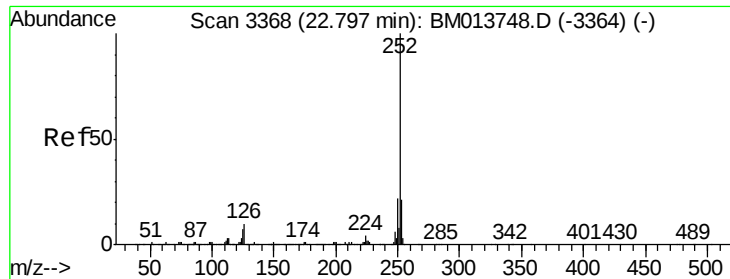
Ion Ratio Lower Upper

252 100

253 23.0 17.9 26.9

125 18.6 3.6 5.4#





#86

Benzo(k)fluoranthene

Concen: 2.140 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. -0.04 min

Lab File: BM013759.D

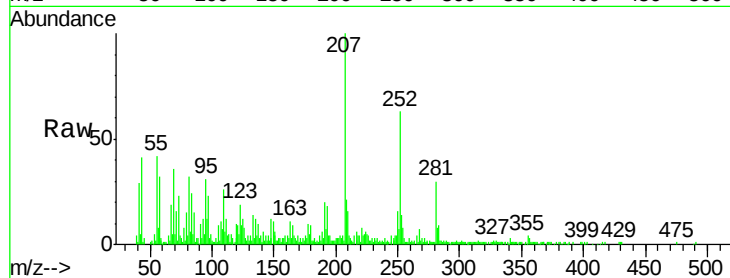
Acq: 24 Jan 2018 08:47

Instrument :

BNA_M

ClientSampleId :

F6A65



Tgt Ion:	252	Resp:	116231
Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	18.6	3.4	5.2

