

Data Path : U:\HPCHEM1\BNA M\DATA\BM012218\
 Data File : BM013727.D
 Acq On : 23 Jan 2018 11:34
 Operator : SJ/JU
 Sample : J1174-16
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A51

Quant Time: Jan 26 18:06:43 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 23 06:05:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	157068	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	631839	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	347921	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	824510	20.00	ng/ul	0.00
75) Chrysene-d12	21.21	240	919063	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	948412	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	11569	2.91	ng/uL	0.00
5) Phenol-d5	6.79	99	233225	19.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	150043	20.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	202492	20.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	192122	20.73	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	102558	20.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	106315	20.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	193260	19.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	242912	27.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	600383	20.94	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	790064	21.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	66680	14.31	ng/ul	0.00
57) Fluorene-d10	15.26	176	539316	21.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	59236	11.94	ng/ul	0.00
70) Anthracene-d10	17.11	188	882045	21.96	ng/ul	0.00
76) Pyrene-d10	19.42	212	1011650	23.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	1002358	22.99	ng/ul	0.00

Target Compounds

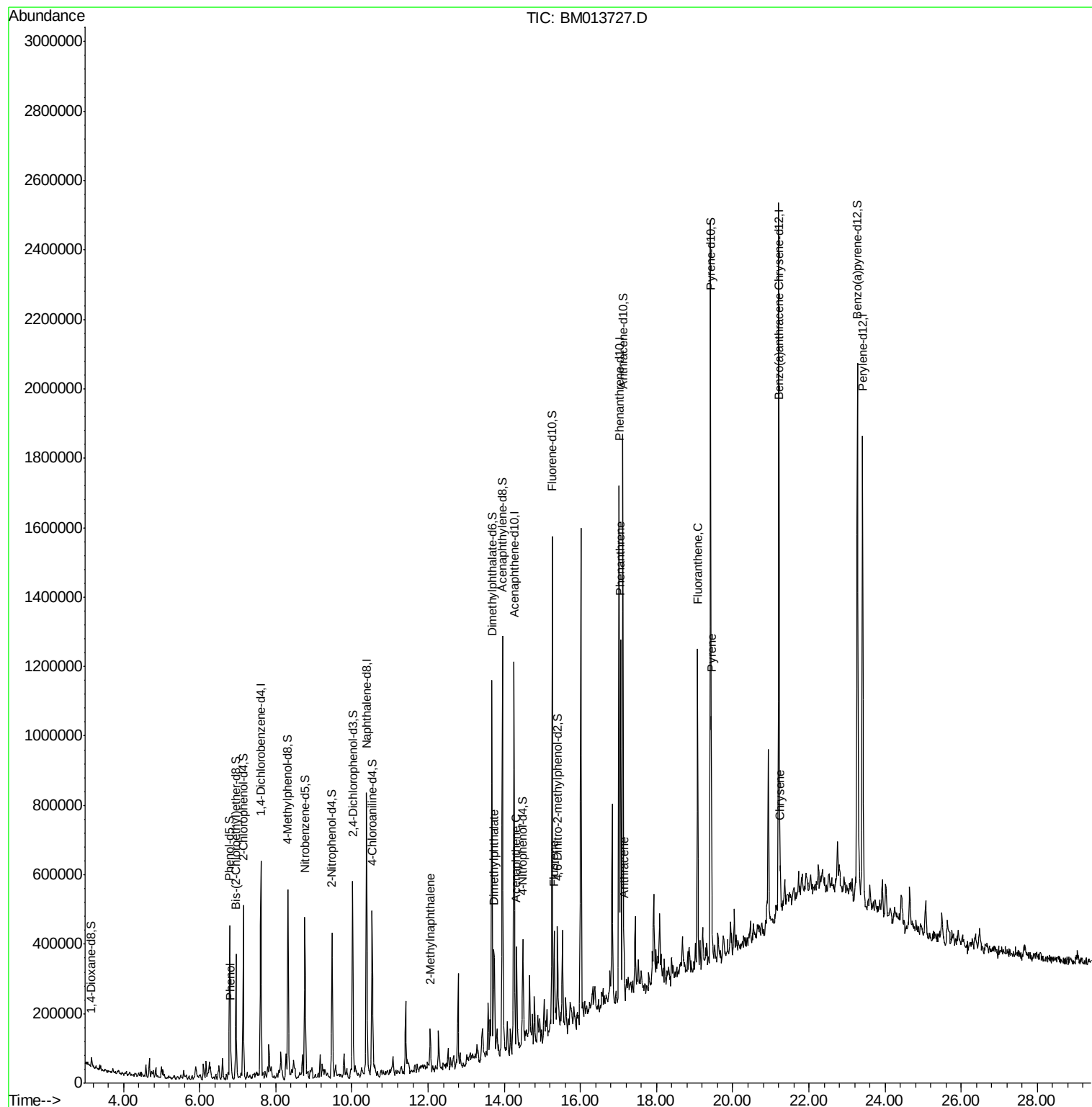
					Ovalue	
6) Phenol	6.82	94	26199	2.166	ng/ul#	84
34) 2-Methylnaphthalene	12.06	142	63042	2.690	ng/ul#	76
44) Dimethylphthalate	13.72	163	152076	5.394	ng/ul#	98
49) Acenaphthene	14.32	153	105047	4.534	ng/ul	99
58) Fluorene	15.32	166	103580	3.627	ng/ul#	85
69) Phenanthrene	17.06	178	602261	13.141	ng/ul	99
71) Anthracene	17.14	178	89835	1.900	ng/ul	97
74) Fluoranthene	19.08	202	523637	9.572	ng/ul#	95
77) Pyrene	19.44	202	395487	7.078	ng/ul#	93
80) Benzo(a)anthracene	21.20	228	72890	1.313	ng/ul	98
82) Chrysene	21.25	228	82373	1.617	ng/ul	96

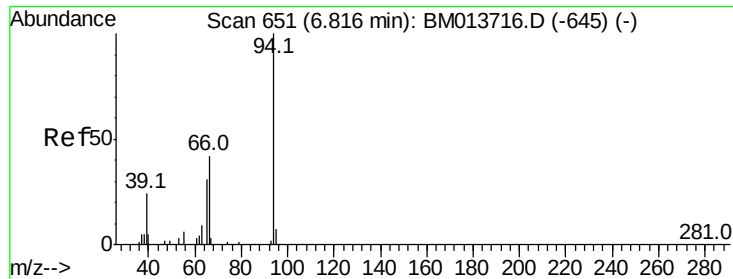
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.166 ng/ul

RT: 6.82 min Scan# 652

Delta R.T. 0.01 min

Lab File: BM013727.D

Acq: 23 Jan 2018 11:34

Instrument :

BNA_M

ClientSampleId :

F6A51

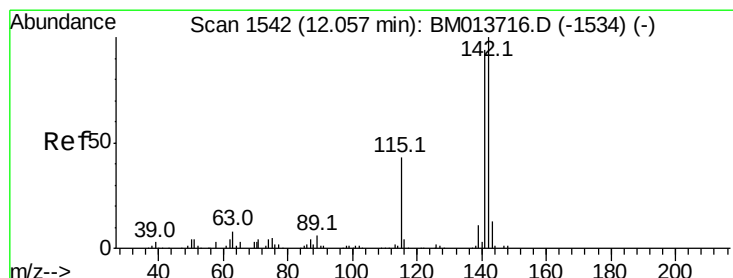
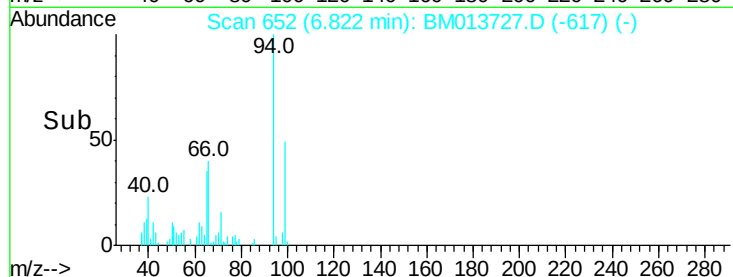
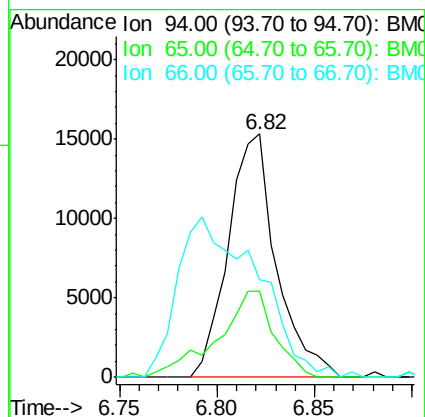
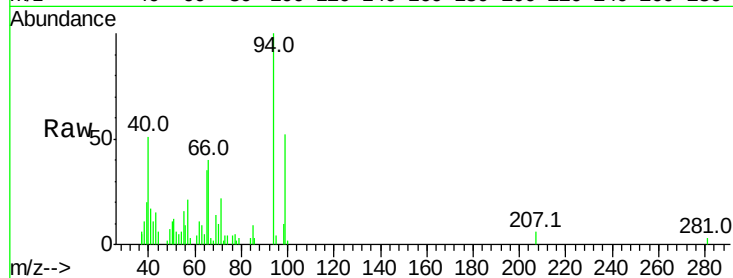
Tot Ion: 94 Resp: 26199

Ion Ratio Lower Upper

94 100

65 35.5 28.2 42.4

66 39.9 47.2 70.8#



#34

2-Methylnaphthalene

Concen: 2.690 ng/ul

RT: 12.06 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BM013727.D

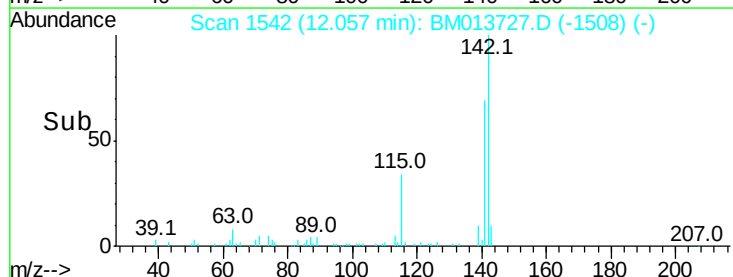
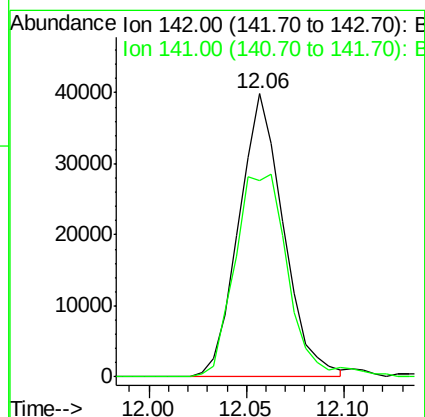
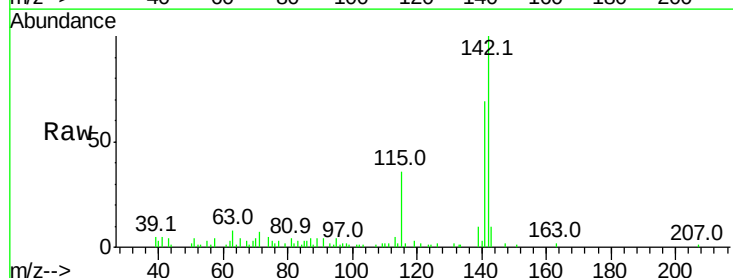
Acq: 23 Jan 2018 11:34

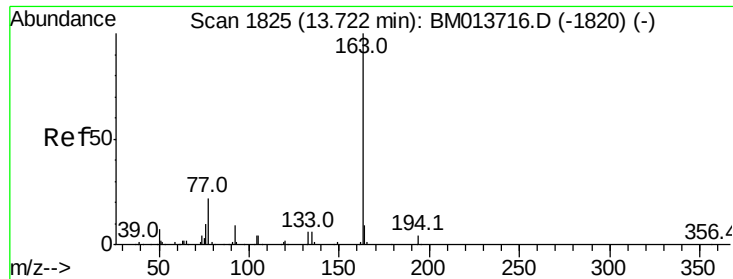
Tgt Ion: 142 Resp: 63042

Ion Ratio Lower Upper

142 100

141 69.4 74.1 111.1#





#44

Dimethylphthalate

Concen: 5.394 ng/ul

RT: 13.72 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BM013727.D

Acq: 23 Jan 2018 11:34

Instrument :

BNA_M

ClientSampleId :

F6A51

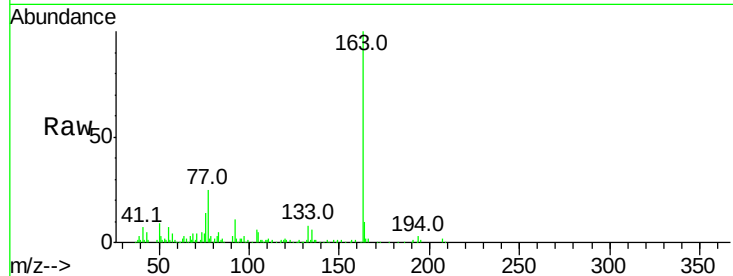
Tot Ion:163 Resp: 152076

Ion Ratio Lower Upper

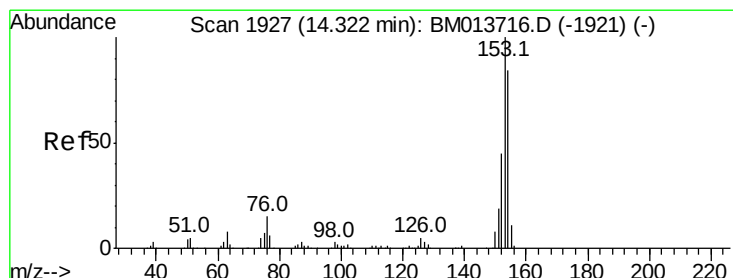
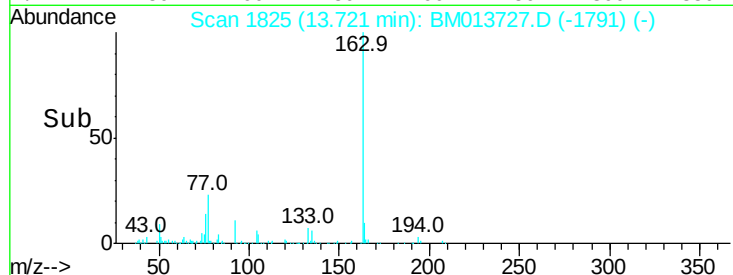
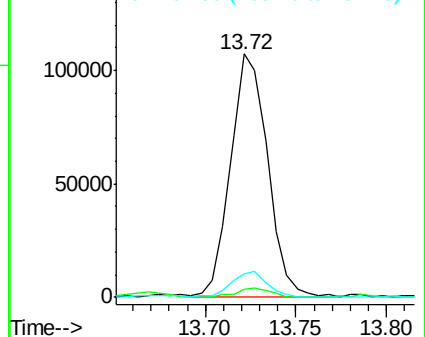
163 100

194 3.3 3.5 5.3#

164 9.7 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: 4.534 ng/ul

RT: 14.32 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BM013727.D

Acq: 23 Jan 2018 11:34

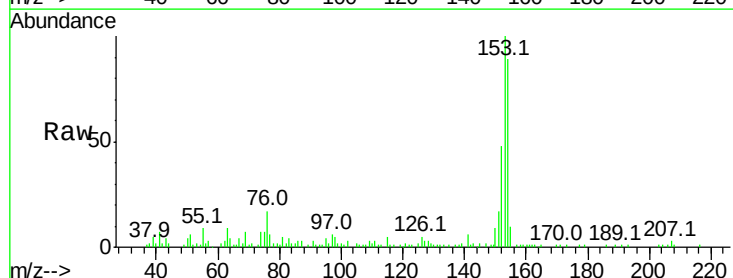
Tgt Ion:153 Resp: 105047

Ion Ratio Lower Upper

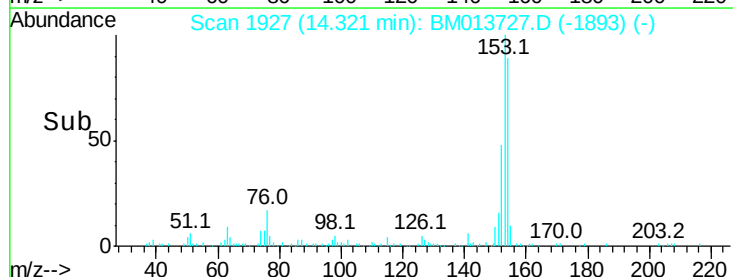
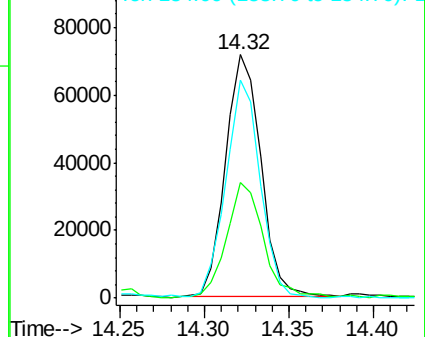
153 100

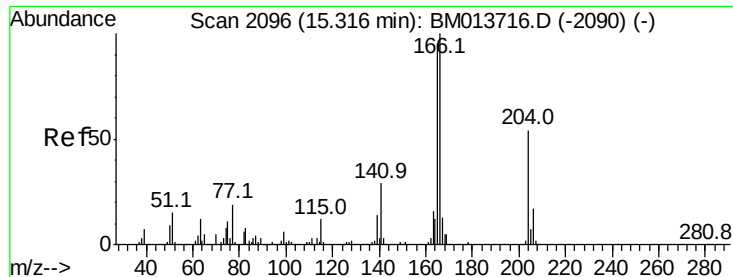
152 47.7 37.6 56.4

154 89.4 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

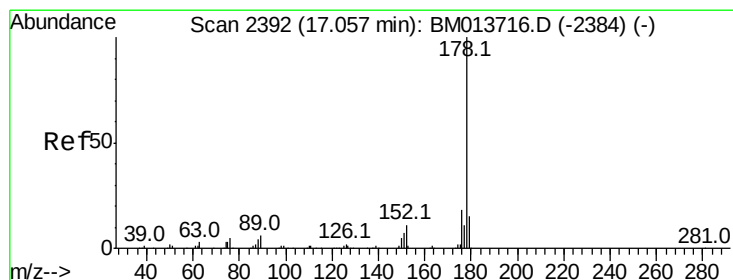
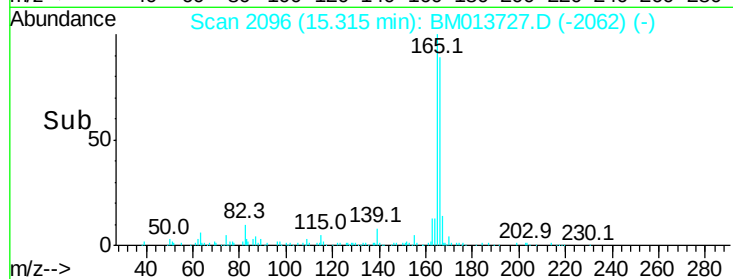
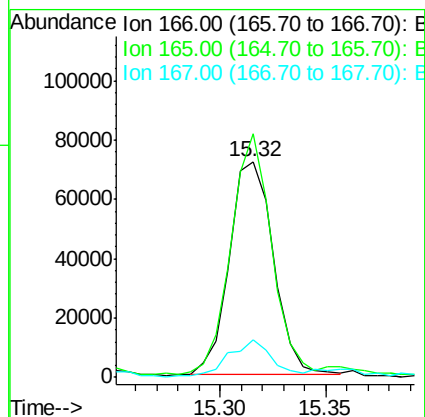
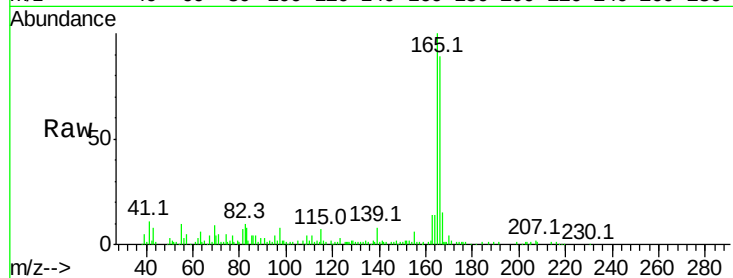




#58
Fluorene
Concen: 3.627 ng/ul
RT: 15.32 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BM013727.D
Acq: 23 Jan 2018 11:34

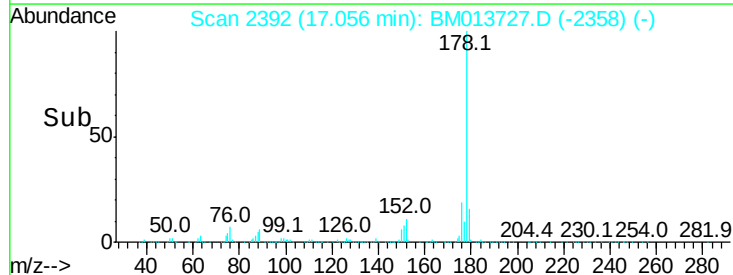
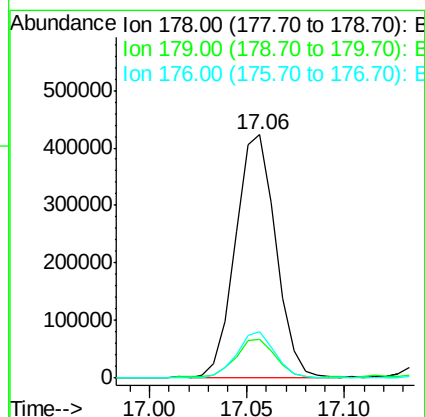
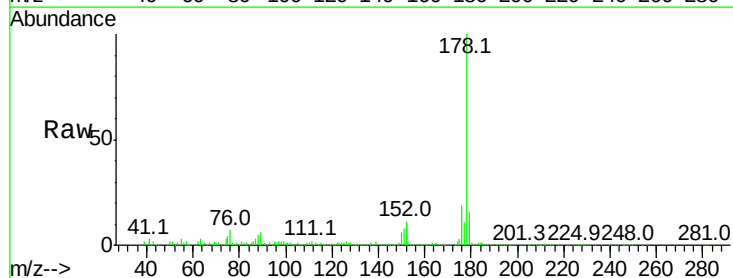
Instrument :
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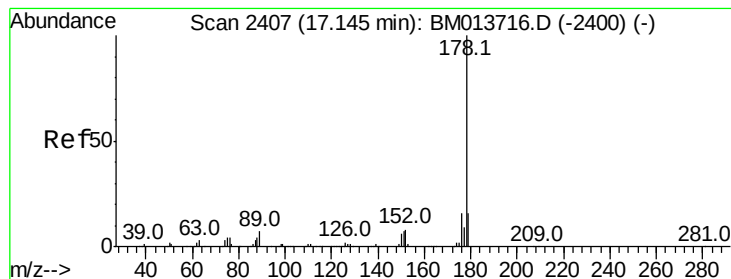
Tot Ion:166 Resp: 103580
Ion Ratio Lower Upper
166 100
165 112.7 77.9 116.9
167 17.2 10.6 16.0#



#69
Phenanthrene
Concen: 13.141 ng/ul
RT: 17.06 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM013727.D
Acq: 23 Jan 2018 11:34

Tgt Ion:178 Resp: 602261
Ion Ratio Lower Upper
178 100
179 16.1 12.6 19.0
176 19.3 14.9 22.3





#71

Anthracene

Concen: 1.900 ng/ul

RT: 17.14 min Scan# 2407

Delta R.T. -0.00 min

Lab File: BM013727.D

Acq: 23 Jan 2018 11:34

Instrument :

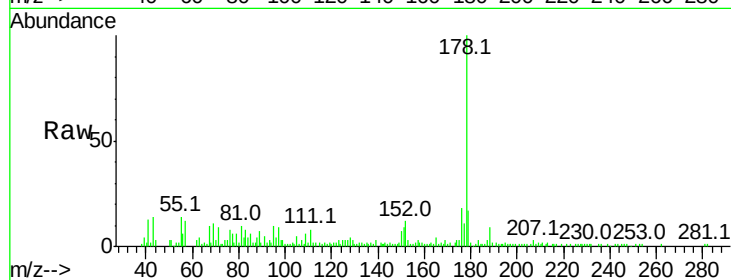
BNA_M

ClientSampleId :

F6A51

Tot Ion:178 Resp: 89835

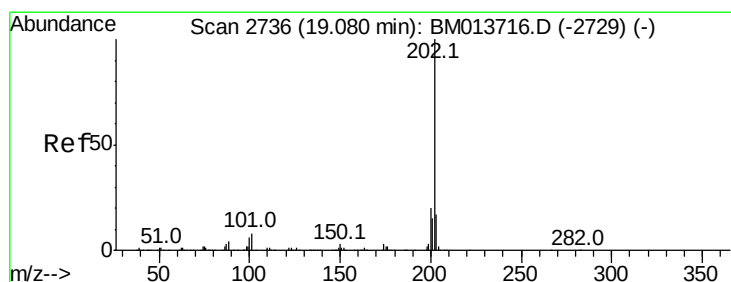
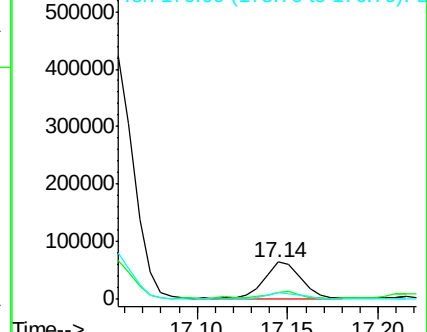
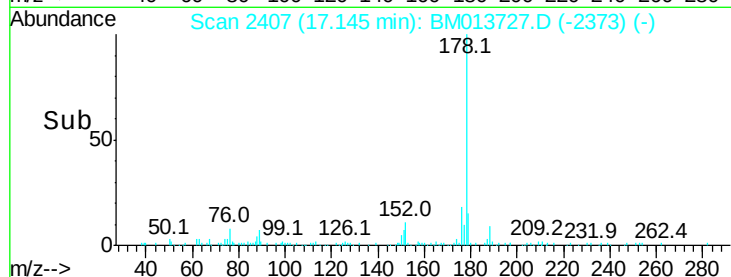
Ion	Ratio	Lower	Upper
178	100		
179	17.0	11.7	17.5
176	18.4	14.6	21.8



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: 9.572 ng/ul

RT: 19.08 min Scan# 2736

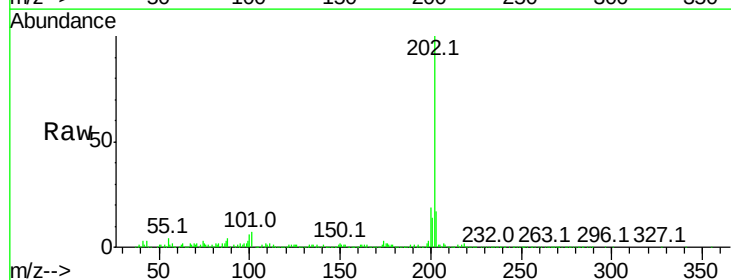
Delta R.T. -0.00 min

Lab File: BM013727.D

Acq: 23 Jan 2018 11:34

Tgt Ion:202 Resp: 523637

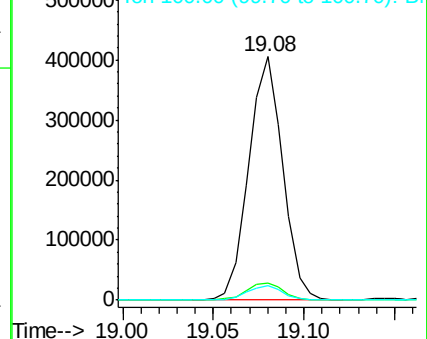
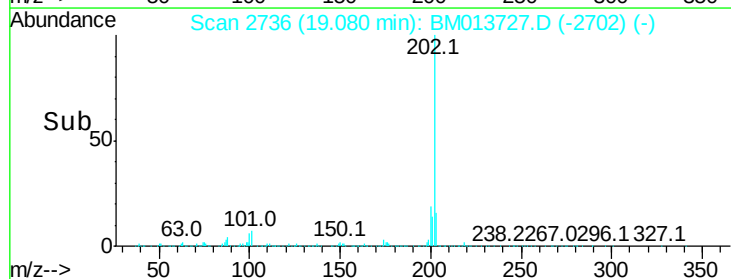
Ion	Ratio	Lower	Upper
202	100		
101	7.2	4.6	7.0#
100	6.1	3.4	5.2#

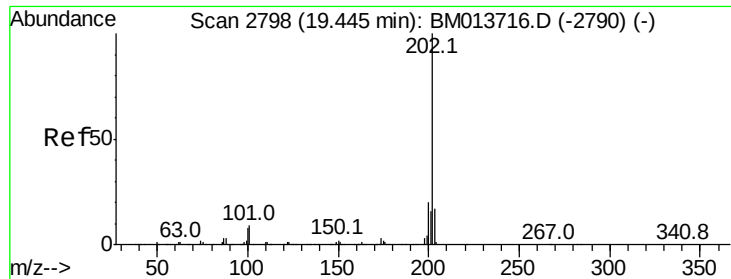


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

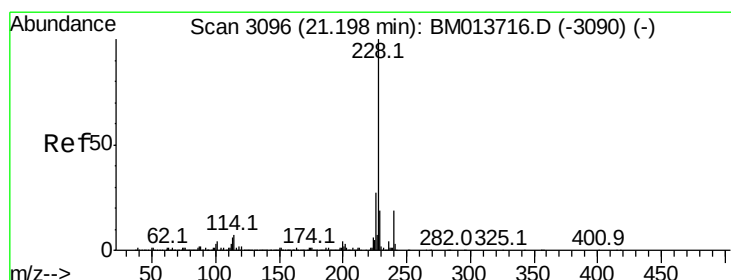
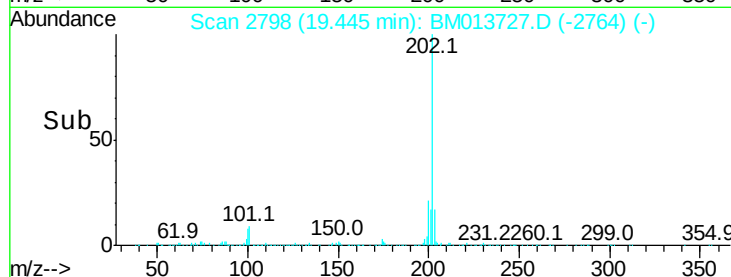
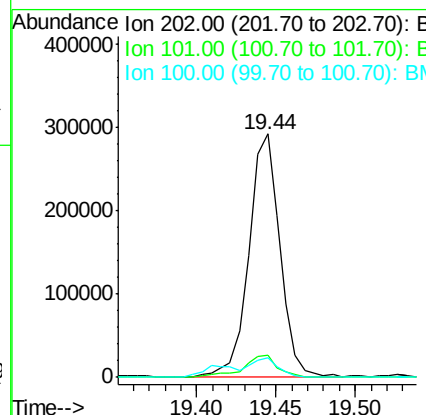
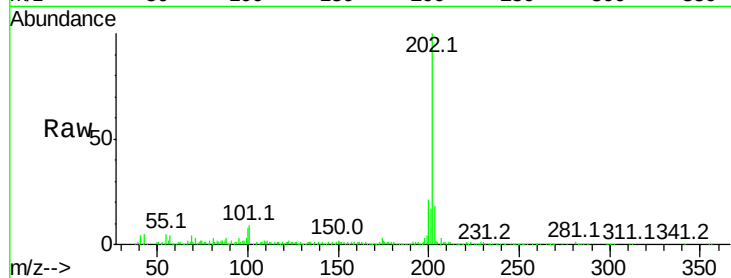




#77
 Pvrene
 Concen: 7.078 ng/ul
 RT: 19.44 min Scan# 2798
 Delta R.T. -0.00 min
 Lab File: BM013727.D
 Acq: 23 Jan 2018 11:34

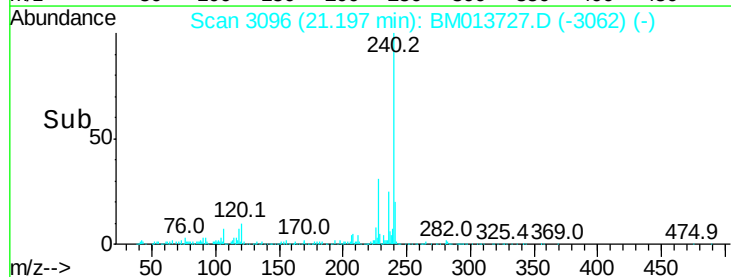
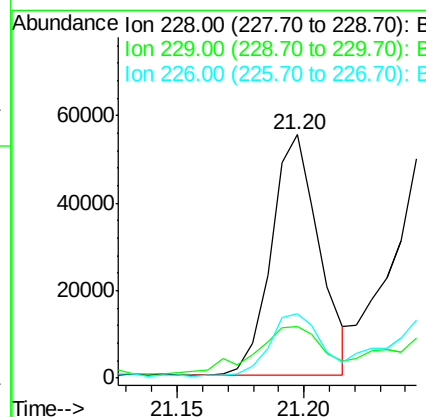
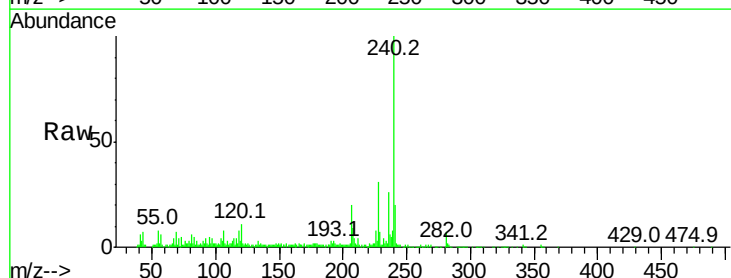
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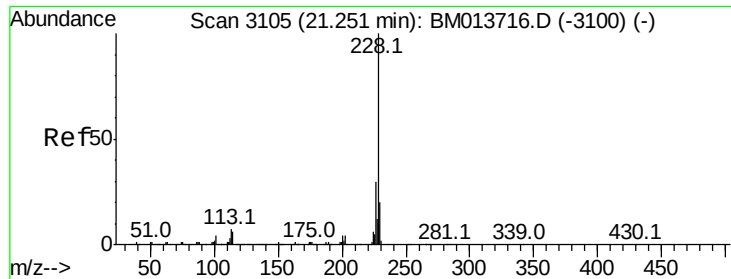
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.9	5.1	7.7#
100	8.1	4.9	7.3#



#80
 Benzo(a)anthracene
 Concen: 1.313 ng/ul
 RT: 21.20 min Scan# 3096
 Delta R.T. -0.00 min
 Lab File: BM013727.D
 Acq: 23 Jan 2018 11:34

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.4	23.0
226	26.5	21.4	32.0





#82

Chrysene

Concen: 1.617 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BM013727.D

Acq: 23 Jan 2018 11:34

Instrument :

BNA_M

ClientSampleId :

F6A51

Tot Ion:228 Resp: 82373

Ion Ratio Lower Upper

228 100

226 28.1 23.4 35.2

229 22.7 15.5 23.3

