

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014411.D
 Acq On : 28 Feb 2018 20:44
 Operator : SJ/JU
 Sample : J1678-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5W5

Quant Time: Mar 01 00:47:50 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 01 00:47:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	62760	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	316146	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	210297	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	514879	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	591552	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	633509	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	7663	5.23	ng/uL	-0.01
5) Phenol-d5	6.72	99	196306	37.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	122846	38.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	158467	38.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.24	113	161259	34.74	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	88229	37.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	99203	41.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	161678	32.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	218963	44.37	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	681755	39.26	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	838378	39.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	79454	33.14	ng/ul	0.00
57) Fluorene-d10	15.18	176	577183	37.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	87719	28.40	ng/ul	0.00
70) Anthracene-d10	17.04	188	933404	37.57	ng/ul	0.00
76) Pyrene-d10	19.34	212	1120905	36.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	1169818	37.94	ng/ul	0.00

Target Compounds

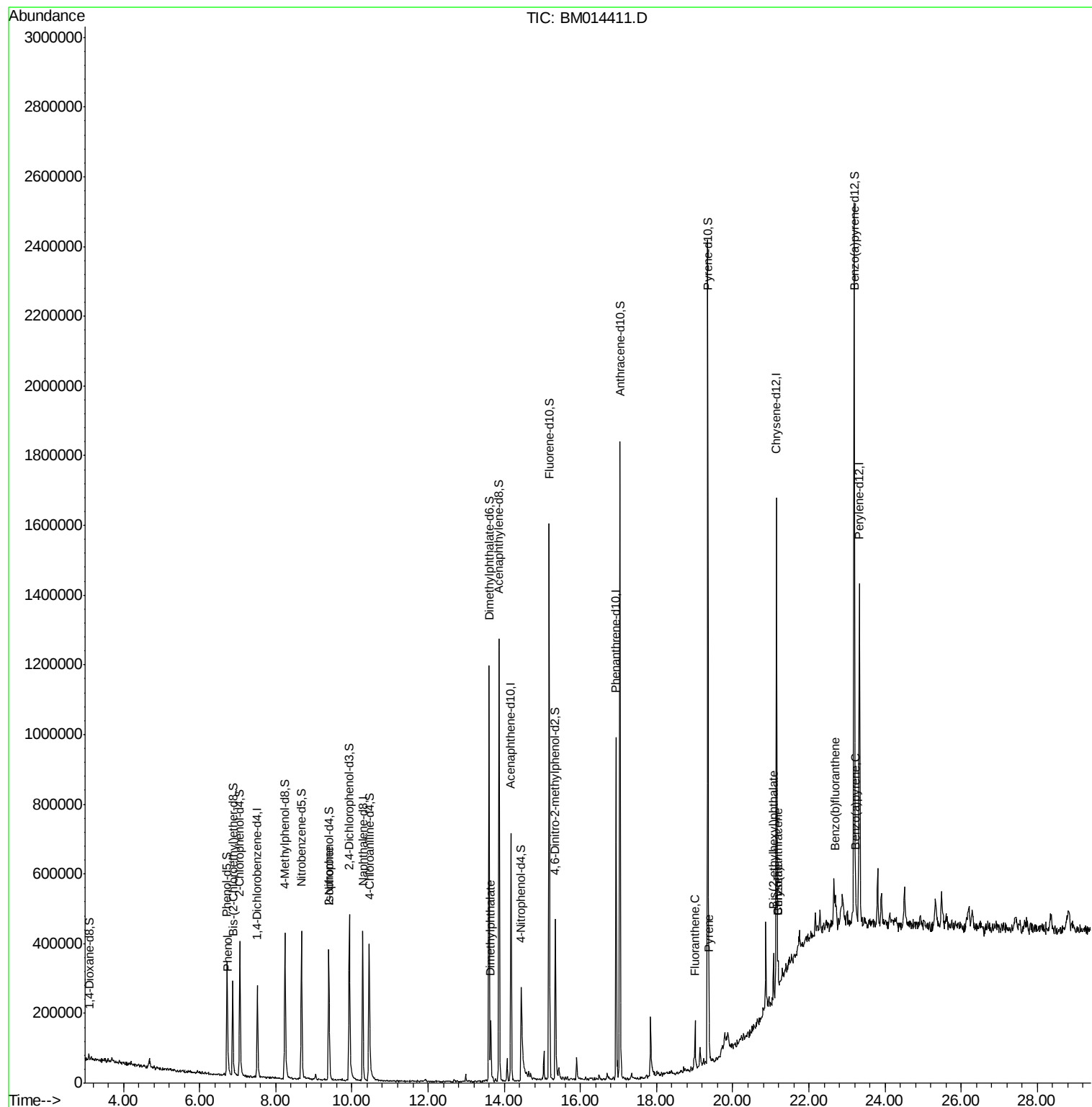
				Ovalue	
6) Phenol	6.74	94	10136	1.821	ng/ul# 68
21) Isophorone	9.39	82	13493	1.142	ng/ul# 76
44) Dimethylphthalate	13.64	163	92818	5.420	ng/ul 97
74) Fluoranthene	19.01	202	67258	1.898	ng/ul# 92
77) Pyrene	19.37	202	66328	1.687	ng/ul# 87
80) Benzo(a)anthracene	21.19	228	42634	1.155	ng/ul 97
81) Bis(2-ethylhexyl)phthalate	21.07	149	42880	1.842	ng/ul# 88
82) Chrysene	21.19	228	42634	1.238	ng/ul 97
85) Benzo(b)fluoranthene	22.69	252	62517	1.474	ng/ul# 93
88) Benzo(a)pyrene	23.23	252	39707	1.048	ng/ul# 96

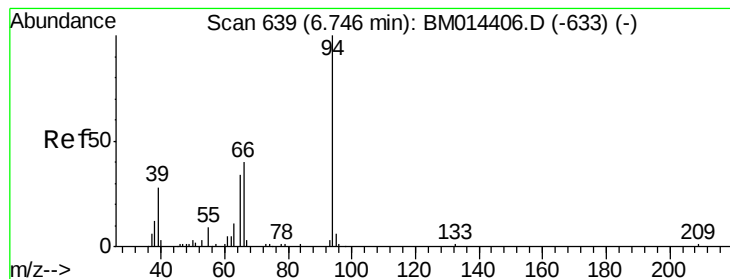
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.821 ng/ul

RT: 6.74 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM014411.D

Acq: 28 Feb 2018 20:44

Instrument :

BNA_M

ClientSampleId :

BE5W5

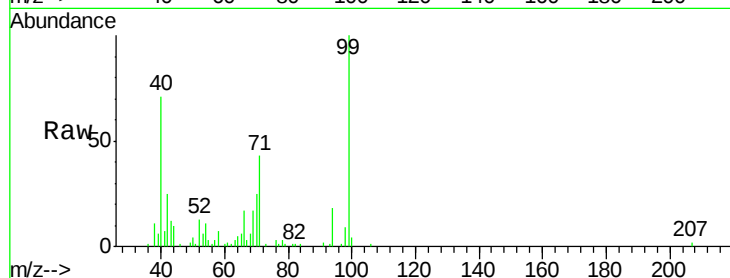
Tot Ion: 94 Resp: 10136

Ion Ratio Lower Upper

94 100

65 31.3 28.2 42.4

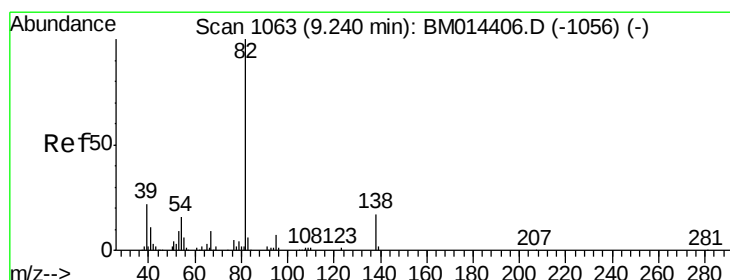
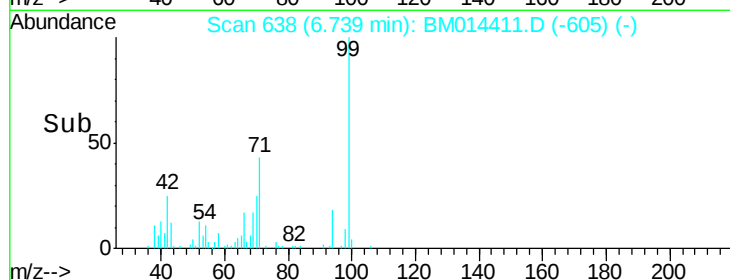
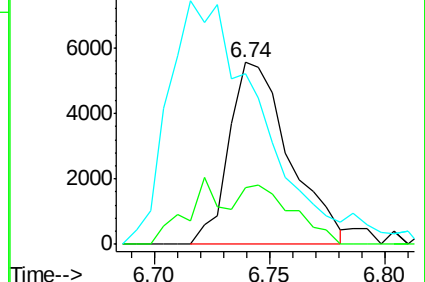
66 94.2 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM014406.D (-633) (-)

Ion 65.00 (64.70 to 65.70): BM014406.D (-633) (-)

Ion 66.00 (65.70 to 66.70): BM014406.D (-633) (-)



#21

Isophorone

Concen: 1.142 ng/ul

RT: 9.39 min Scan# 1089

Delta R.T. 0.15 min

Lab File: BM014411.D

Acq: 28 Feb 2018 20:44

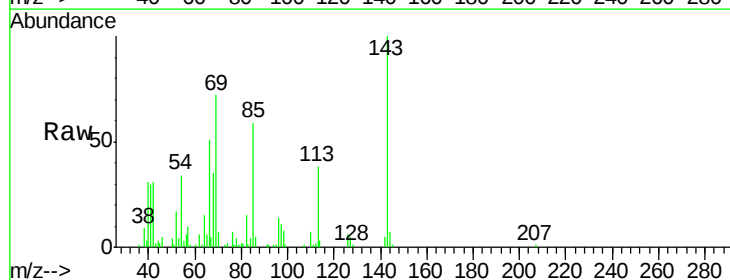
Tgt Ion: 82 Resp: 13493

Ion Ratio Lower Upper

82 100

95 7.7 7.8 11.8#

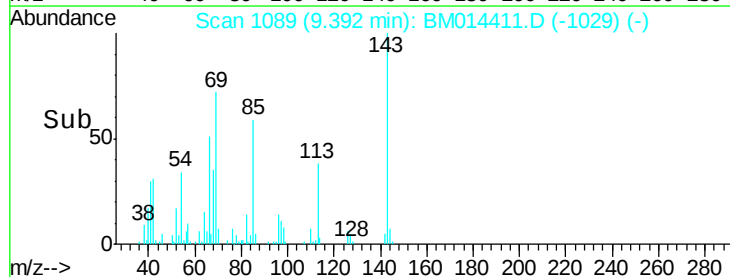
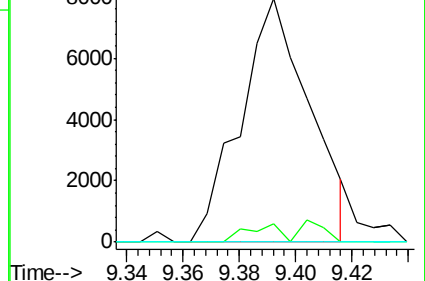
138 0.0 11.9 17.9#

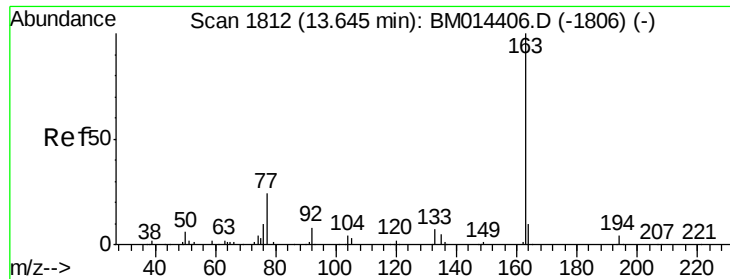


Abundance Ion 82.00 (81.70 to 82.70): BM014406.D (-1056) (-)

Ion 95.00 (94.70 to 95.70): BM014406.D (-1056) (-)

Ion 138.00 (137.70 to 138.70): BM014406.D (-1056) (-)

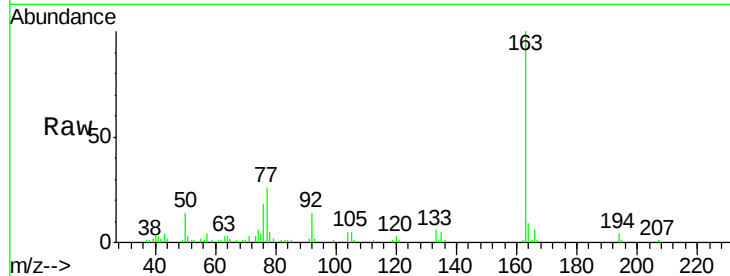




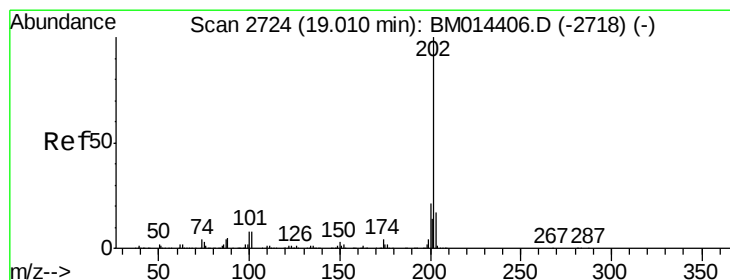
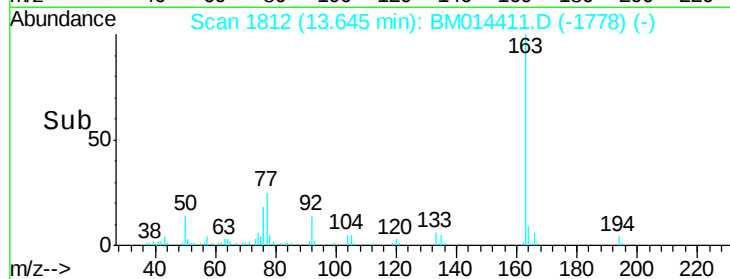
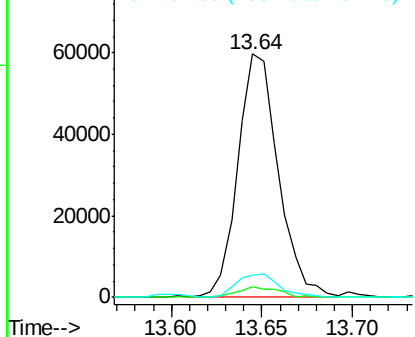
#44
Dimethylphthalate
Concen: 5.420 ng/ul
RT: 13.64 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BM014411.D
Acq: 28 Feb 2018 20:44

Instrument :
BNA_M
ClientSampleId :
BE5W5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		92818		
194	4.4	3.5	5.3		
164	8.9	8.2	12.4		

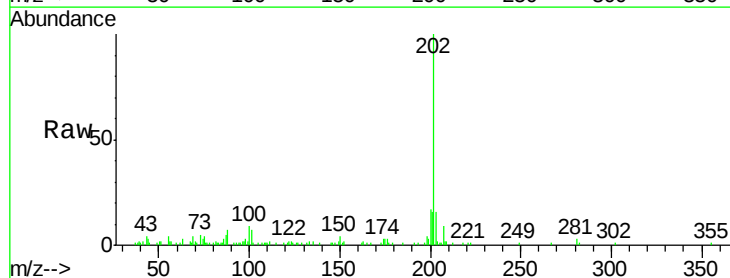


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

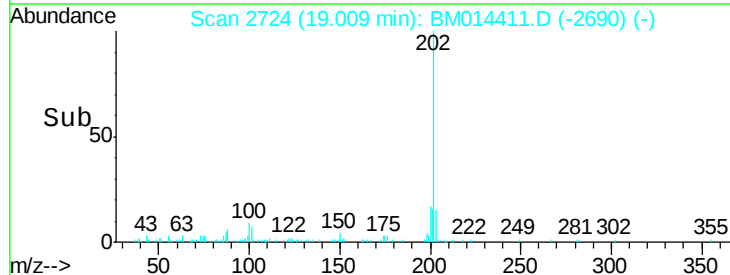
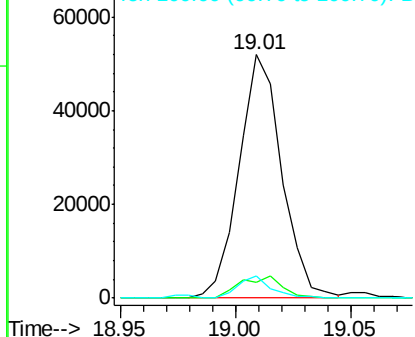


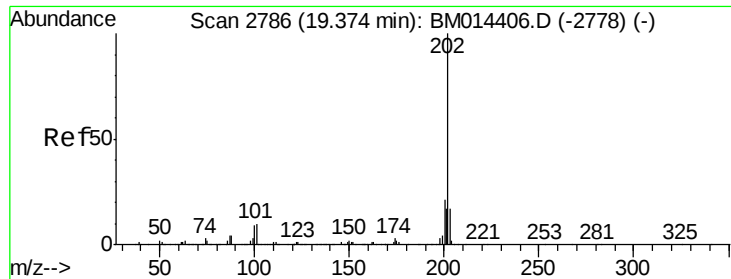
#74
Fluoranthene
Concen: 1.898 ng/ul
RT: 19.01 min Scan# 2724
Delta R.T. -0.00 min
Lab File: BM014411.D
Acq: 28 Feb 2018 20:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		67258		
101	6.7	4.6	7.0		
100	9.2	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

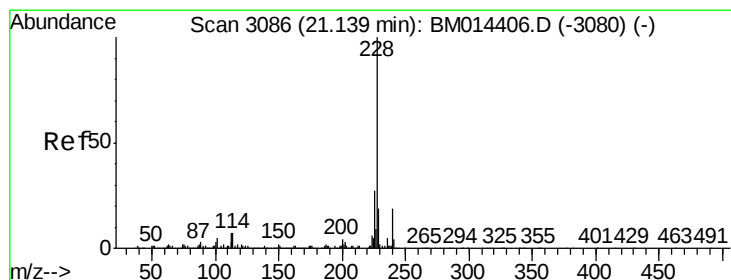
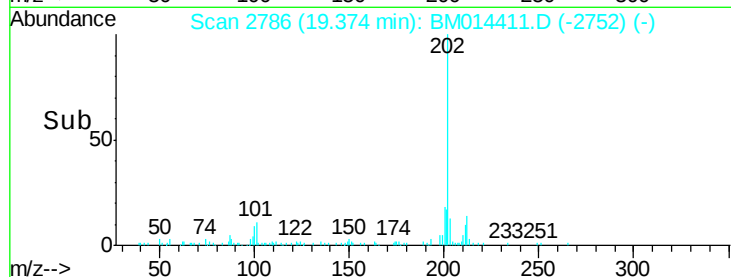
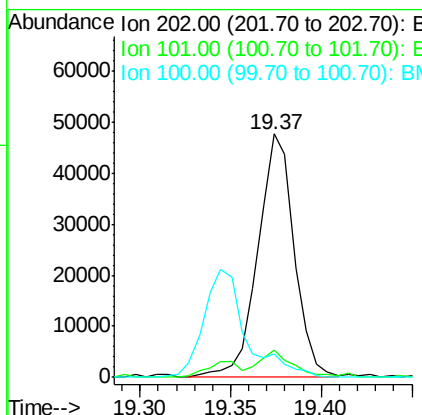
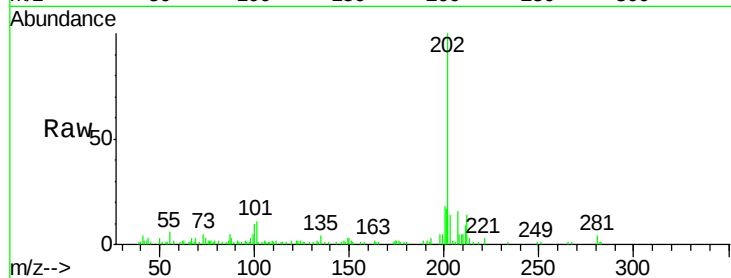




#77
Pvrene
Concen: 1.687 ng/ul
RT: 19.37 min Scan# 2786
Delta R.T. -0.00 min
Lab File: BM014411.D
Acq: 28 Feb 2018 20:44

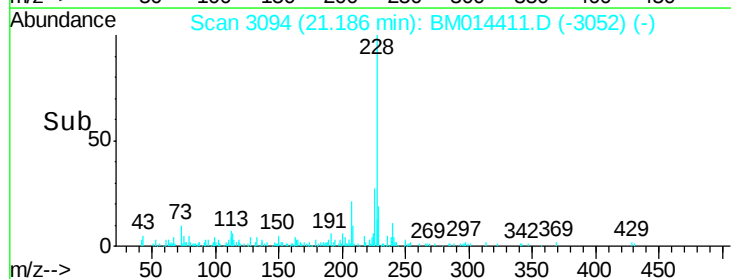
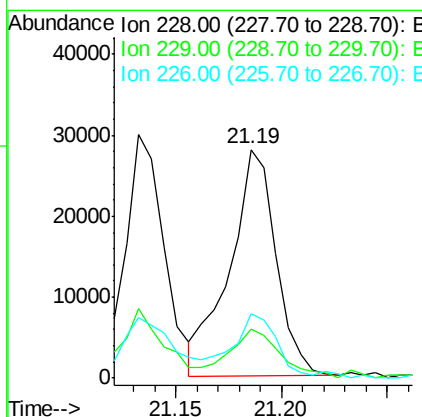
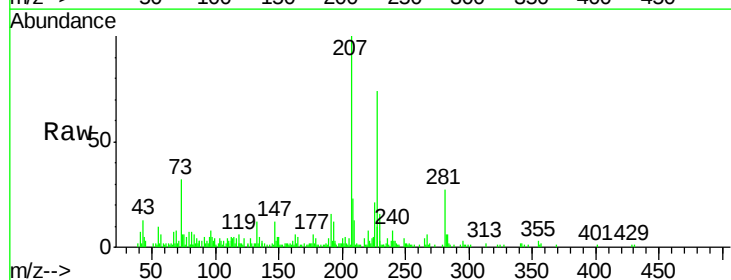
Instrument :
BNA_M
ClientSampleId :
BE5W5

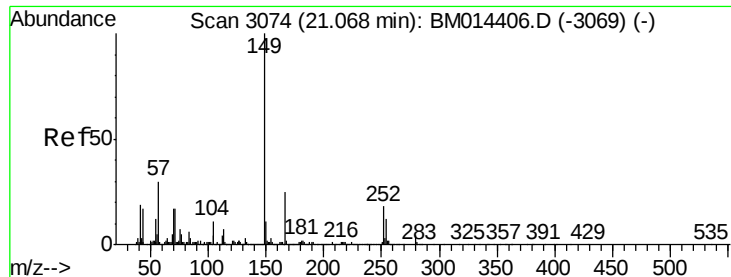
Tot Ion:202 Resp: 66328
Ion Ratio Lower Upper
202 100
101 11.3 5.1 7.7#
100 9.8 4.9 7.3#



#80
Benzo(a)anthracene
Concen: 1.155 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. 0.05 min
Lab File: BM014411.D
Acq: 28 Feb 2018 20:44

Tgt Ion:228 Resp: 42634
Ion Ratio Lower Upper
228 100
229 21.3 15.4 23.0
226 27.9 21.4 32.0





#81

Bis(2-ethylhexyl)phthalate

Concen: 1.842 ng/ul

RT: 21.07 min Scan# 3074

Delta R.T. -0.00 min

Lab File: BM014411.D

Acq: 28 Feb 2018 20:44

Instrument :

BNA_M

ClientSampleId :

BE5W5

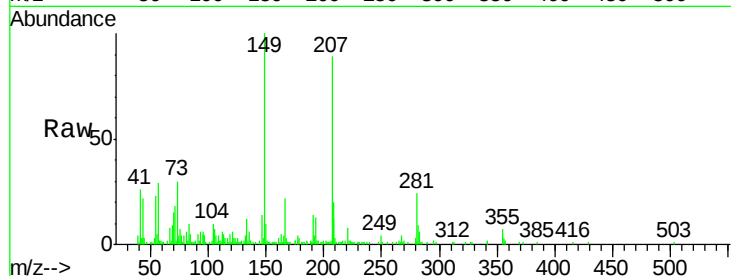
Tot Ion:149 Resp: 42880

Ion Ratio Lower Upper

149 100

167 22.0 22.8 34.2#

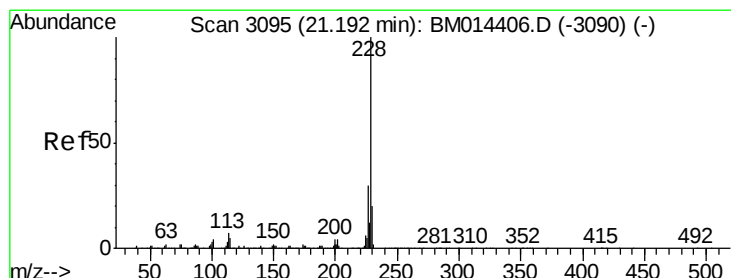
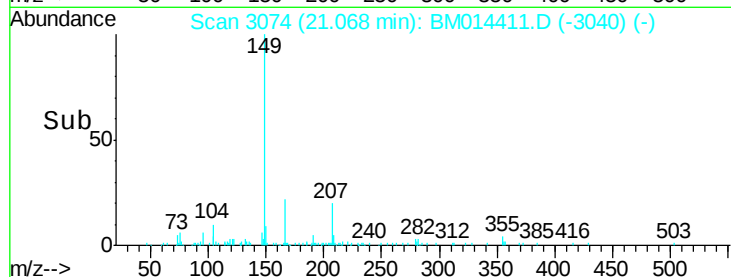
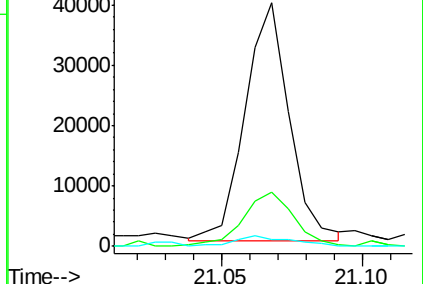
279 2.7 4.9 7.3#



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: 1.238 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM014411.D

Acq: 28 Feb 2018 20:44

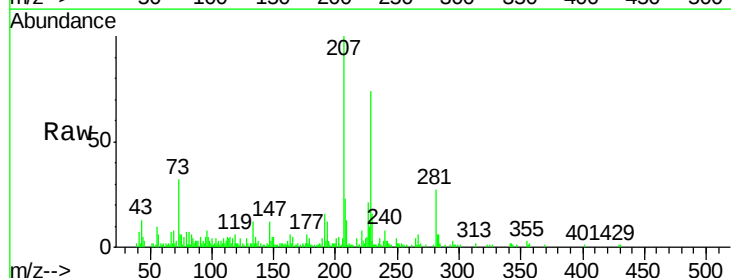
Tgt Ion:228 Resp: 42634

Ion Ratio Lower Upper

228 100

226 27.9 23.4 35.2

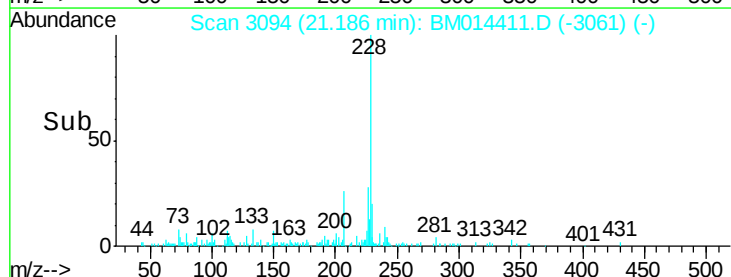
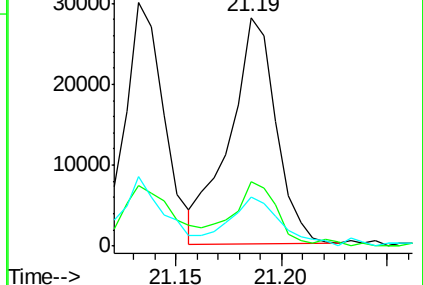
229 21.3 15.5 23.3

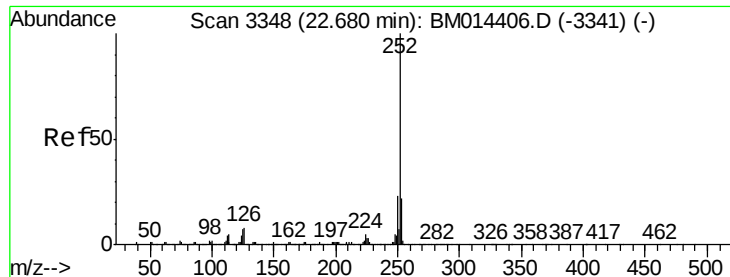


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 1.474 ng/ul

RT: 22.69 min Scan# 3349

Delta R.T. 0.01 min

Lab File: BM014411.D

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BNA_M

ClientSampleId :

BE5W5

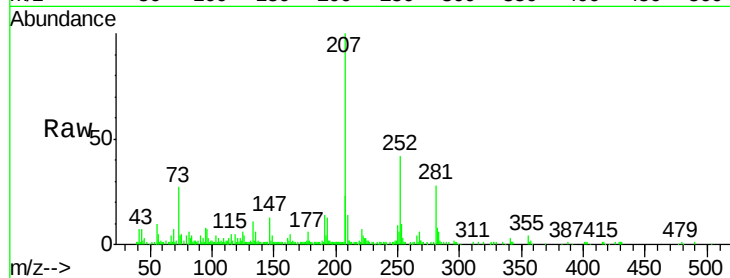
Tot Ion:252 Resp: 62517

Ion Ratio Lower Upper

252 100

253 24.0 17.9 26.9

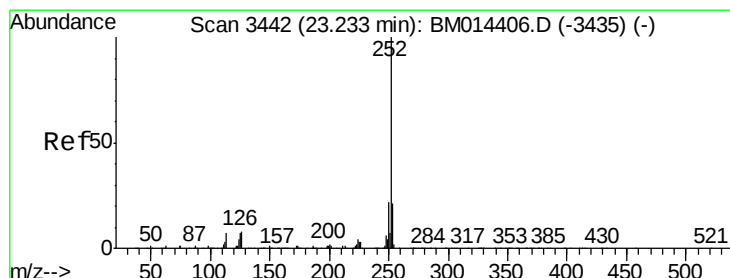
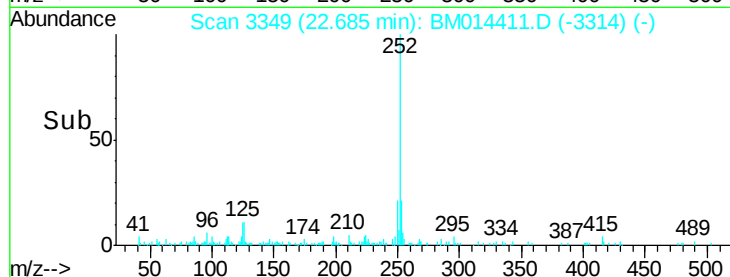
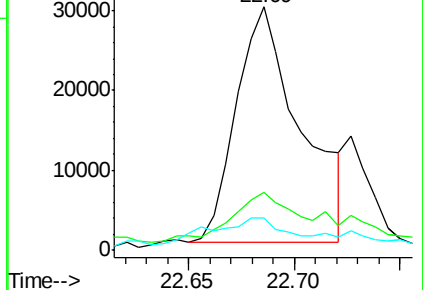
125 13.3 3.6 5.4#



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



#88

Benzo(a)pyrene

Concen: 1.048 ng/ul

RT: 23.23 min Scan# 3442

Delta R.T. -0.00 min

Lab File: BM014411.D

Acq: 28 Feb 2018 20:44

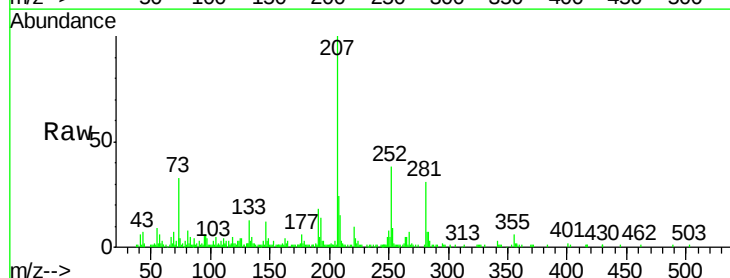
Tgt Ion:252 Resp: 39707

Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.2

125 10.3 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

