

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
 Data File : BM014925.D
 Acq On : 02 May 2018 16:34
 Operator : SJ/JU
 Sample : J2631-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ0

Quant Time: May 03 04:46:01 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 03 04:26:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	391399	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	1676200	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	851787	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.81	188	1707780	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1448615	20.00	ng/ul	0.00
83) Perylene-d12	24.38	264	1474496	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.64	96	63082	7.04	ng/uL	0.00
5) Phenol-d5	7.62	99	1138932	37.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.80	67	841214	43.35	ng/ul	0.00
9) 2-Chlorophenol-d4	8.01	132	1006661	39.77	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	913170	37.84	ng/ul	0.00
19) Nitrobenzene-d5	9.67	128	471965	38.94	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	491753	40.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	870933	35.52	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	1226030	50.66	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	2600852	39.12	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	3121153	38.01	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	331118	26.83	ng/ul	0.00
57) Fluorene-d10	16.07	176	2203783	38.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.18	200	273396	29.58	ng/ul	0.00
70) Anthracene-d10	17.91	188	3132253	39.36	ng/ul	0.00
76) Pyrene-d10	20.15	212	3017792	44.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	3041800	41.99	ng/ul	0.00

Target Compounds

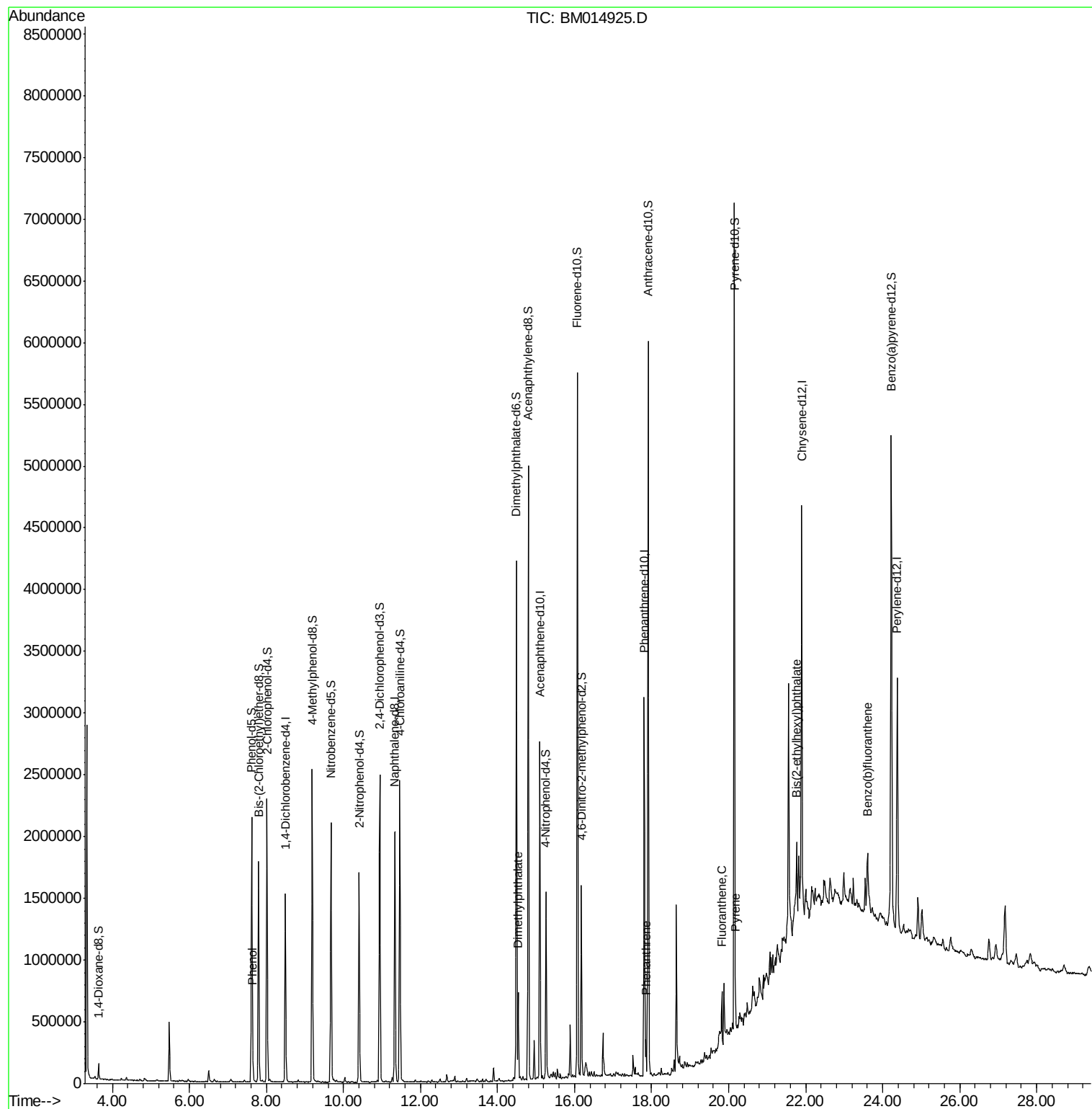
					Ovalue	
6) Phenol	7.65	94	83948	2.820	ng/ul#	83
44) Dimethylphthalate	14.53	163	395446	6.152	ng/ul	99
69) Phenanthrene	17.86	178	157254	1.715	ng/ul	99
74) Fluoranthene	19.82	202	224363	2.244	ng/ul#	80
77) Pyrene	20.18	202	185740	2.194	ng/ul#	80
81) Bis(2-ethylhexyl)phthalate	21.77	149	181942	3.590	ng/ul#	94
85) Benzo(b)fluoranthene	23.62	252	106903	1.230	ng/ul#	74

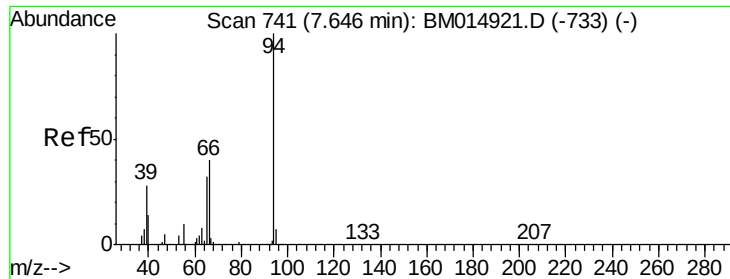
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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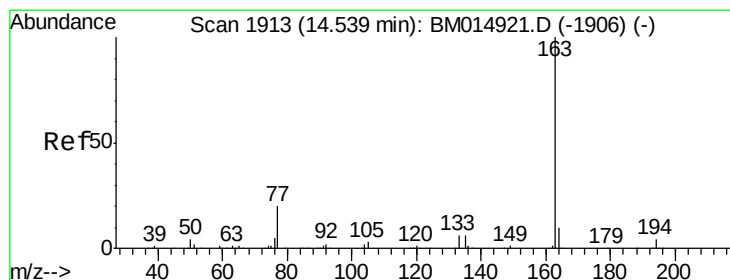
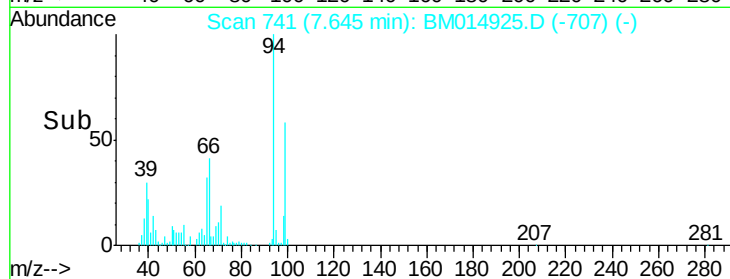
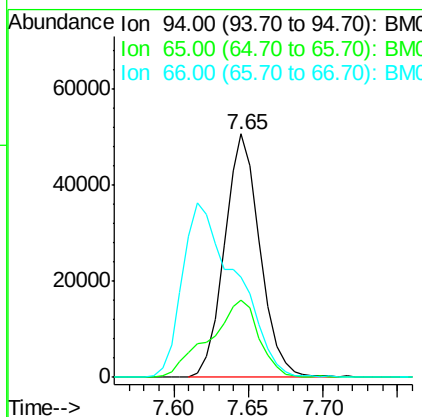
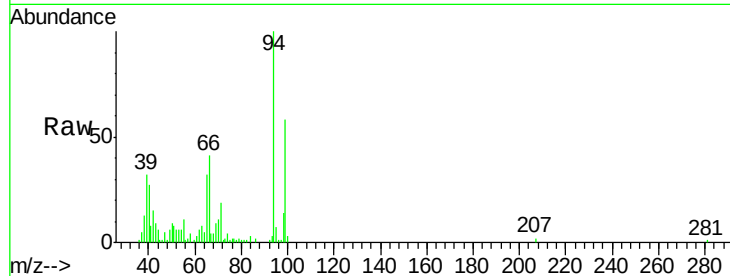
#6

Phenol

Concen: 2.820 ng/ul
 RT: 7.65 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BM014925.D
 Acq: 02 May 2018 16:34

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ0

Tot Ion: 94 Resp: 83948
 Ion Ratio Lower Upper
 94 100
 65 31.8 28.2 42.4
 66 41.0 47.2 70.8#

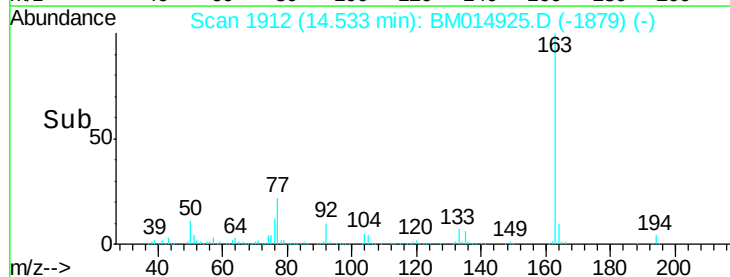
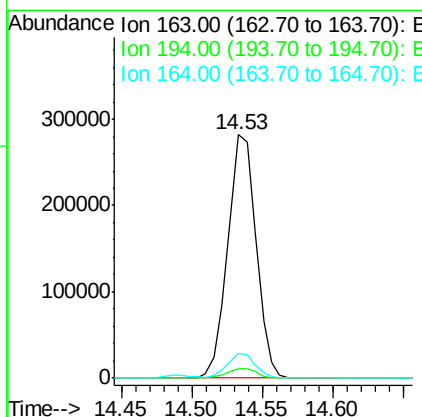
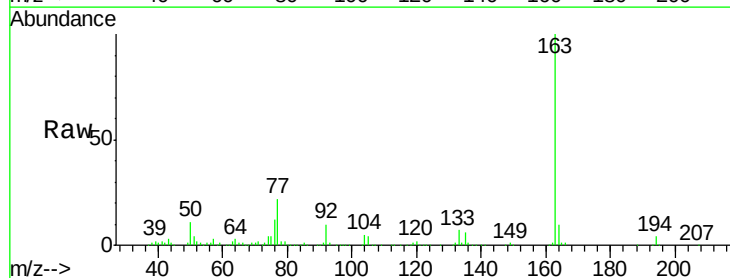


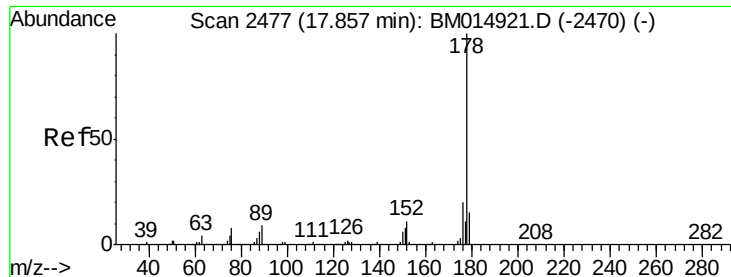
#44

Dimethylphthalate

Concen: 6.152 ng/ul
 RT: 14.53 min Scan# 1912
 Delta R.T. -0.01 min
 Lab File: BM014925.D
 Acq: 02 May 2018 16:34

Tgt Ion: 163 Resp: 395446
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.5 5.3
 164 10.1 8.2 12.4





#69

Phenanthrene

Concen: 1.715 ng/ul

RT: 17.86 min Scan# 2477

Delta R.T. -0.00 min

Lab File: BM014925.D

Acq: 02 May 2018 16:34

Instrument :

BNA_M

ClientSampleId :

C0AJ0

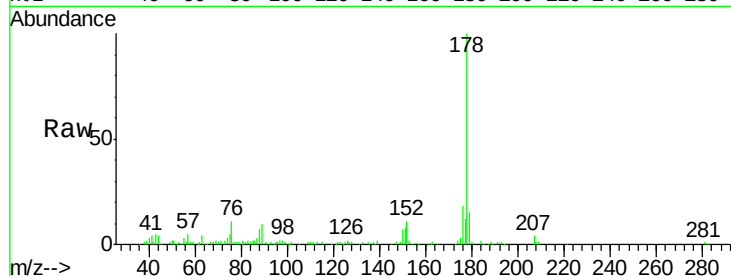
Tot Ion:178 Resp: 157254

Ion Ratio Lower Upper

178 100

179 15.3 12.6 19.0

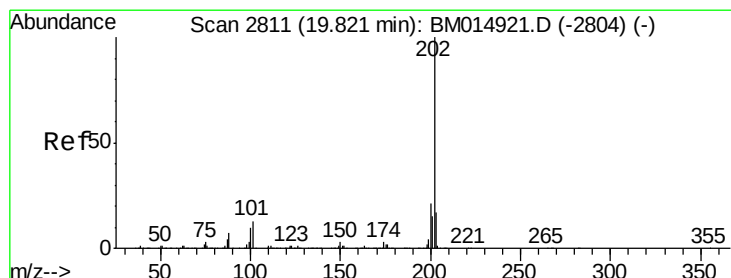
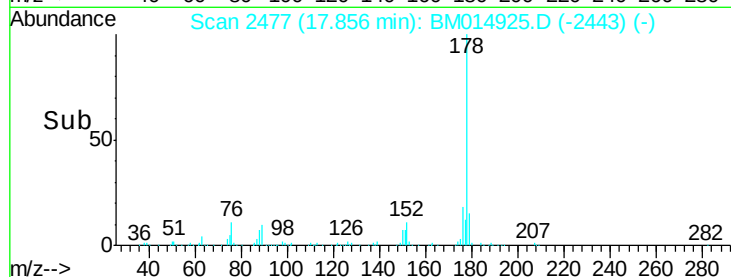
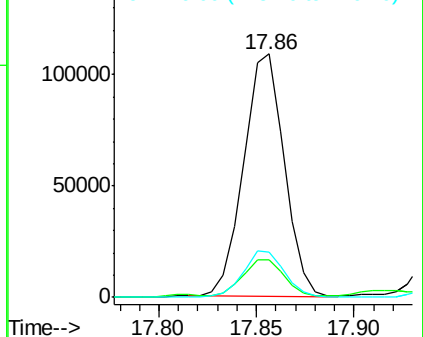
176 18.5 14.9 22.3



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: 2.244 ng/ul

RT: 19.82 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BM014925.D

Acq: 02 May 2018 16:34

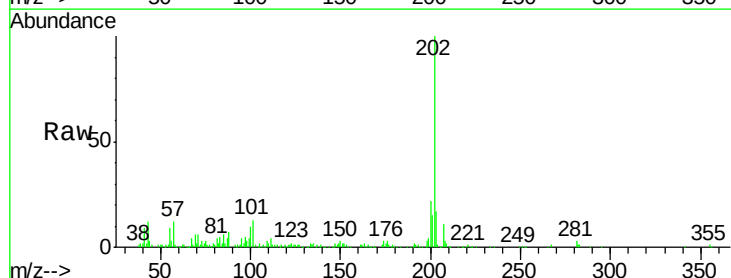
Tgt Ion:202 Resp: 224363

Ion Ratio Lower Upper

202 100

101 13.0 4.6 7.0#

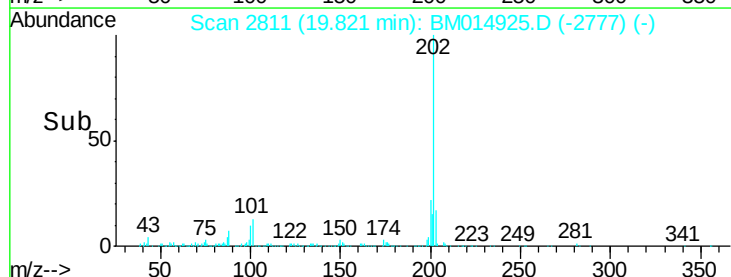
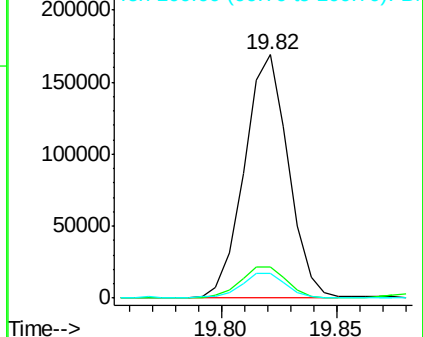
100 10.1 3.4 5.2#

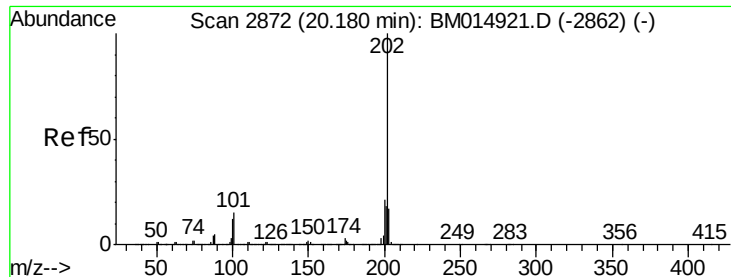


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 2.194 ng/ul

RT: 20.18 min Scan# 2872

Delta R.T. -0.00 min

Lab File: BM014925.D

Acq: 02 May 2018 16:34

Instrument :

BNA_M

ClientSampleId :

C0AJ0

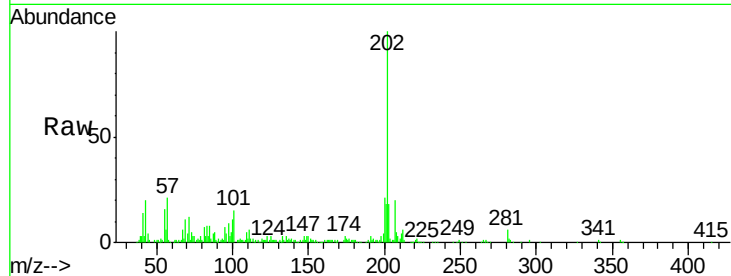
Tot Ion:202 Resp: 185740

Ion Ratio Lower Upper

202 100

101 14.8 5.1 7.7#

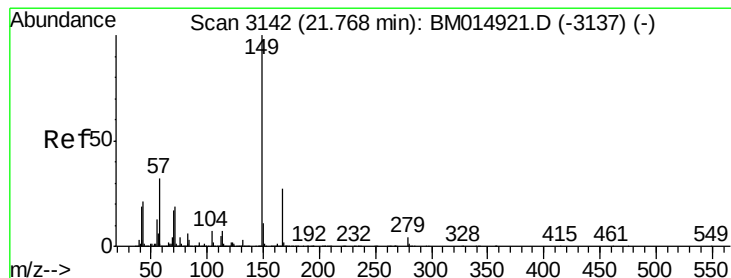
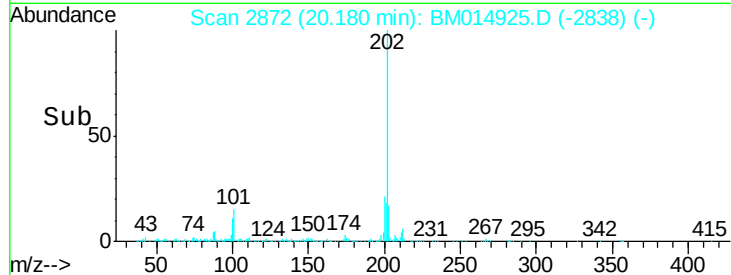
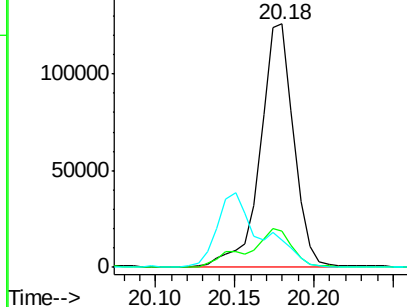
100 11.4 4.9 7.3#



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



#81

Bis(2-ethylhexyl)phthalate

Concen: 3.590 ng/ul

RT: 21.77 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BM014925.D

Acq: 02 May 2018 16:34

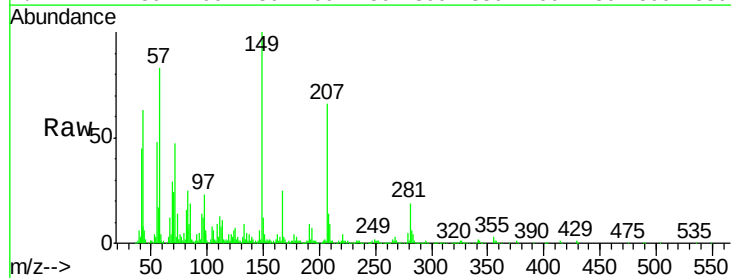
Tgt Ion:149 Resp: 181942

Ion Ratio Lower Upper

149 100

167 25.4 22.8 34.2

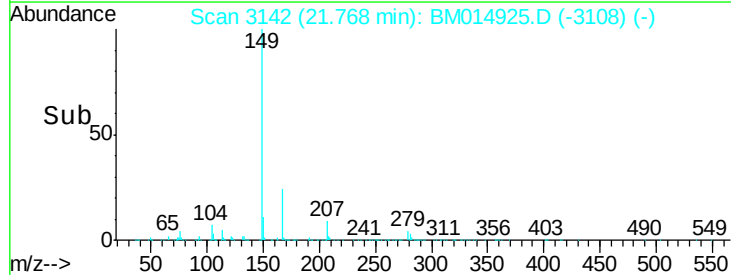
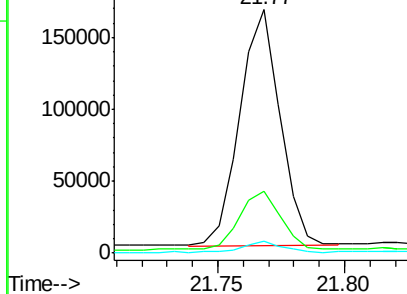
279 4.7 4.9 7.3#

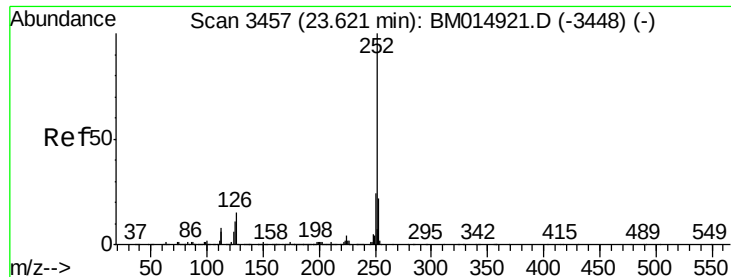


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Benzo(b)fluoranthene

Concen: 1.230 ng/ul

RT: 23.62 min Scan# 3457

Delta R.T. -0.00 min

Lab File: BM014925.D

Acq: 02 May 2018 16:34

Instrument :

BNA_M

ClientSampleId :

C0AJ0

Tot Ion:252 Resp: 106903

Ion Ratio Lower Upper

252 100

253 26.1 17.9 26.9

125 43.4 3.6 5.4

