

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
 Data File : BM014927.D
 Acq On : 02 May 2018 17:48
 Operator : SJ/JU
 Sample : J2631-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 03 04:28:30 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	372201	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	1527114	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	741046	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.81	188	1462303	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1388368	20.00	ng/ul	0.00
83) Perylene-d12	24.38	264	1444740	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.64	96	47562	5.58	ng/uL	0.00
5) Phenol-d5	7.62	99	840483	29.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.80	67	589504	31.95	ng/ul	0.00
9) 2-Chlorophenol-d4	8.01	132	704694	29.28	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	592542	25.82	ng/ul	0.00
19) Nitrobenzene-d5	9.67	128	320975	29.07	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	328362	29.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	588272	26.34	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	759165	34.43	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	1689348	29.20	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	2027578	28.38	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	243174	22.65	ng/ul	0.00
57) Fluorene-d10	16.07	176	1423219	28.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.17	200	171660	21.69	ng/ul	0.00
70) Anthracene-d10	17.91	188	2040491	29.94	ng/ul	0.00
76) Pyrene-d10	20.15	212	2728025	41.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	3695634	52.07	ng/ul	0.00

Target Compounds

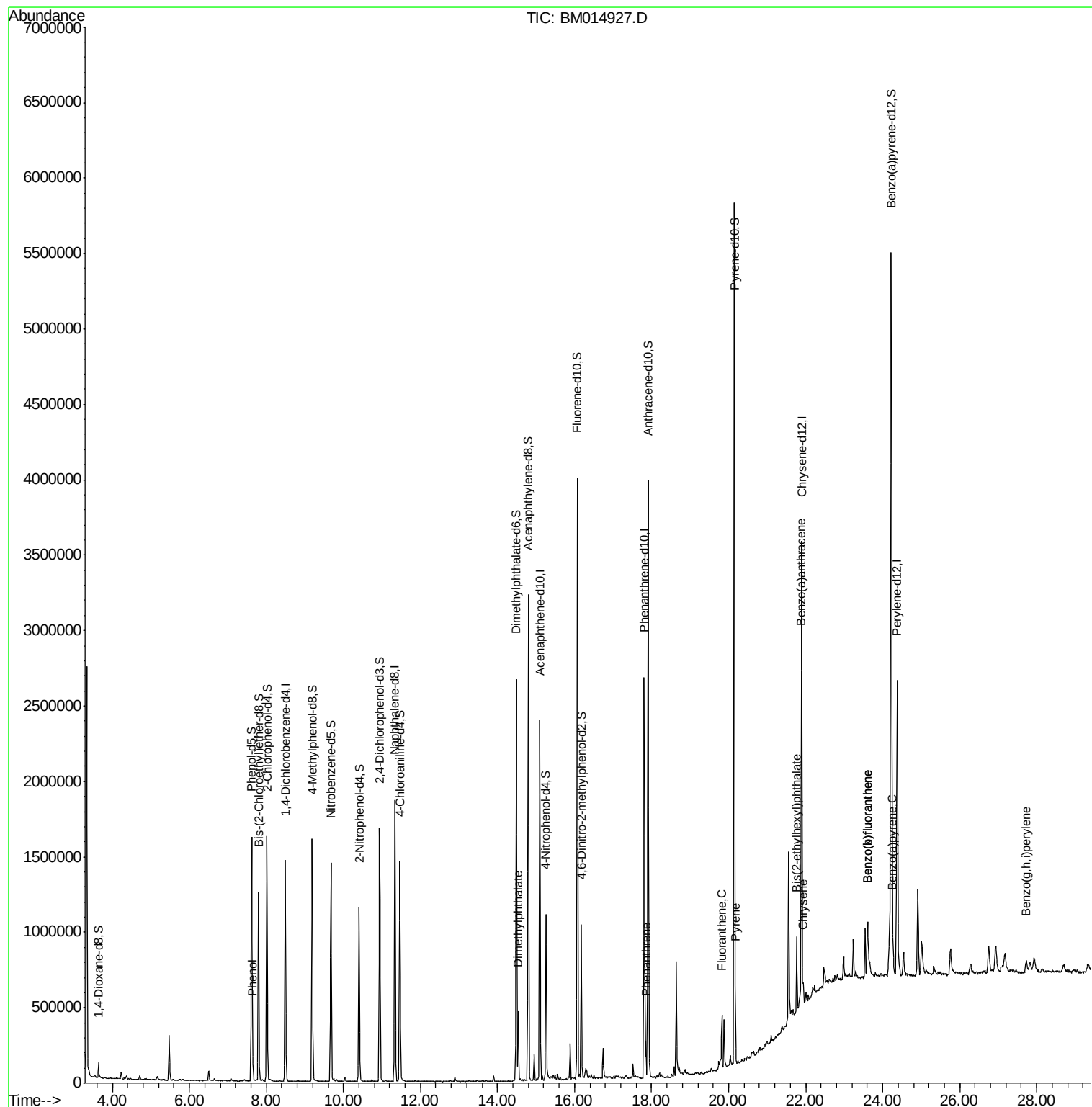
					Ovalue	
6) Phenol	7.65	94	56066	1.980	ng/ul#	83
44) Dimethylphthalate	14.53	163	255993	4.578	ng/ul	99
69) Phenanthrene	17.85	178	132017	1.681	ng/ul	99
74) Fluoranthene	19.82	202	196310	2.293	ng/ul#	79
77) Pyrene	20.18	202	232644	2.868	ng/ul#	80
80) Benzo(a)anthracene	21.89	228	110700	1.363	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.77	149	155418	3.199	ng/ul#	94
82) Chrysene	21.94	228	95030	1.250	ng/ul	97
85) Benzo(b)fluoranthene	23.62	252	132240	1.553	ng/ul#	90
86) Benzo(k)fluoranthene	23.62	252	132240	1.615	ng/ul#	88
88) Benzo(a)pyrene	24.27	252	140814	1.743	ng/ul#	92
91) Benzo(g,h,i)perylene	27.73	276	109558	1.363	ng/ul#	89

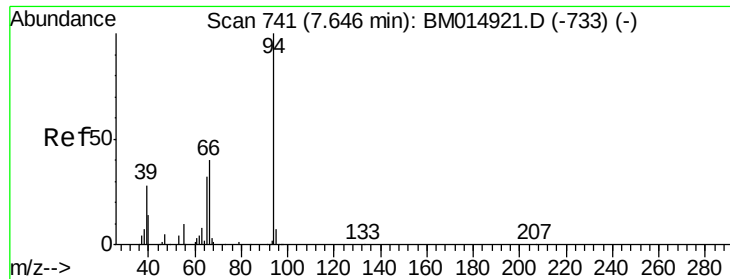
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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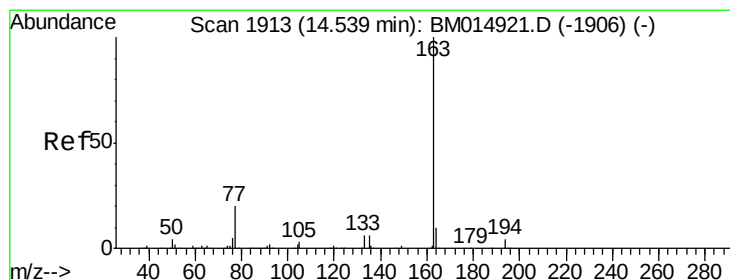
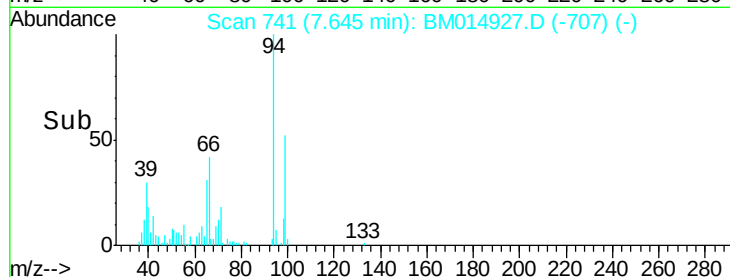
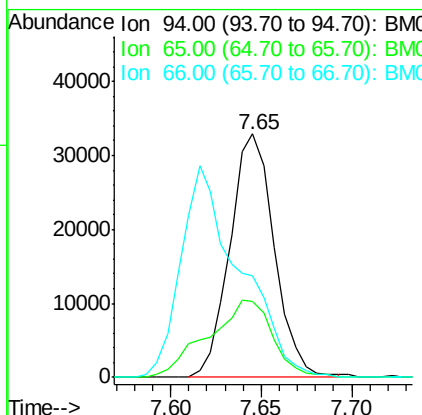
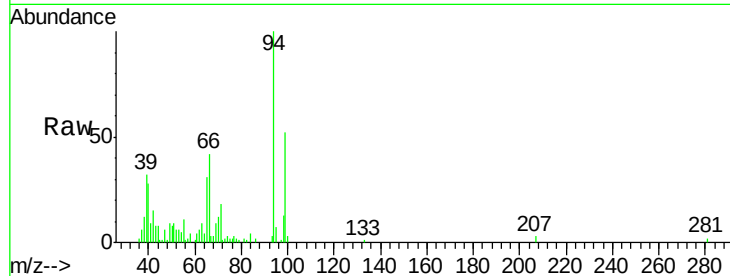
#6

Phenol

Concen: 1.980 ng/ul
 RT: 7.65 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BM014927.D
 Acq: 02 May 2018 17:48

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 94 Resp: 56066
 Ion Ratio Lower Upper
 94 100
 65 30.9 28.2 42.4
 66 41.6 47.2 70.8#

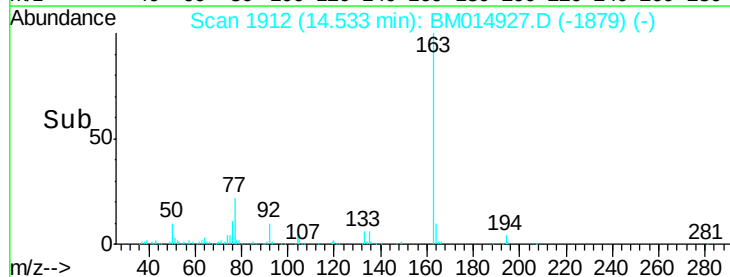
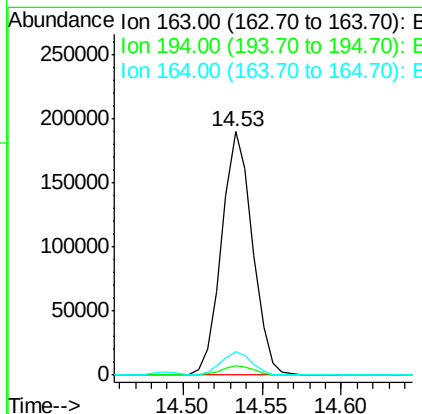
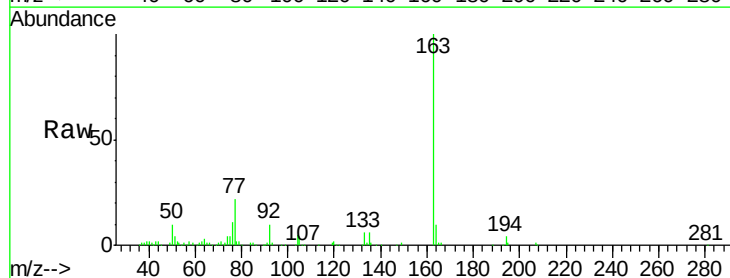


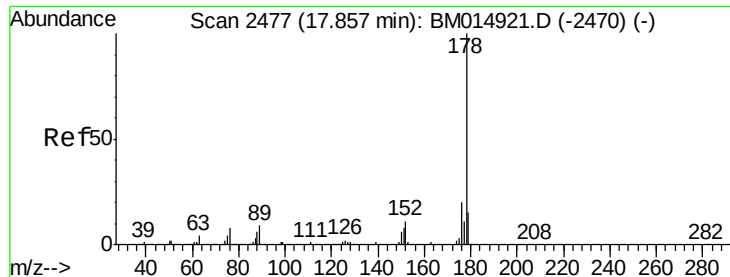
#44

Dimethylphthalate

Concen: 4.578 ng/ul
 RT: 14.53 min Scan# 1912
 Delta R.T. -0.01 min
 Lab File: BM014927.D
 Acq: 02 May 2018 17:48

Tgt Ion: 163 Resp: 255993
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.5 5.3
 164 9.9 8.2 12.4





#69

Phenanthrene

Concen: 1.681 ng/ul

RT: 17.85 min Scan# 2476

Delta R.T. -0.01 min

Lab File: BM014927.D

Acq: 02 May 2018 17:48

Instrument :

BNA_M

ClientSampleId :

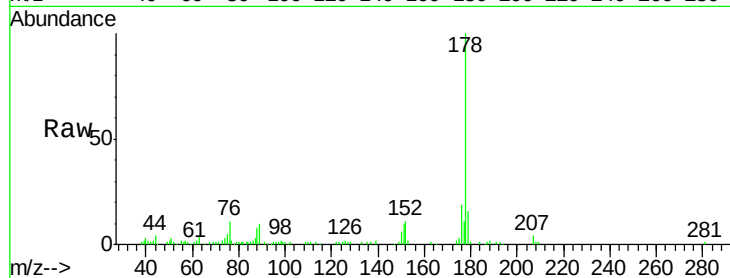
Tot Ion:178 Resp: 132017

Ion Ratio Lower Upper

178 100

179 15.6 12.6 19.0

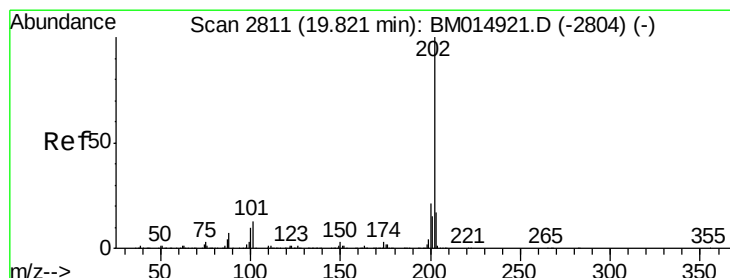
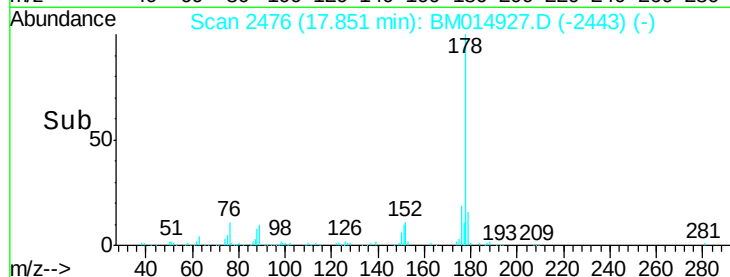
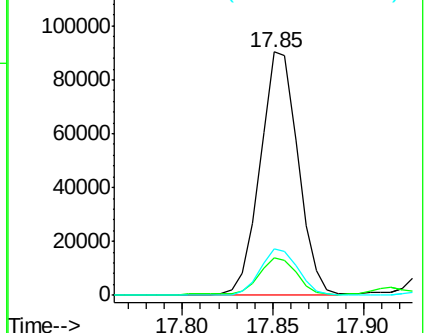
176 19.3 14.9 22.3



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: 2.293 ng/ul

RT: 19.82 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BM014927.D

Acq: 02 May 2018 17:48

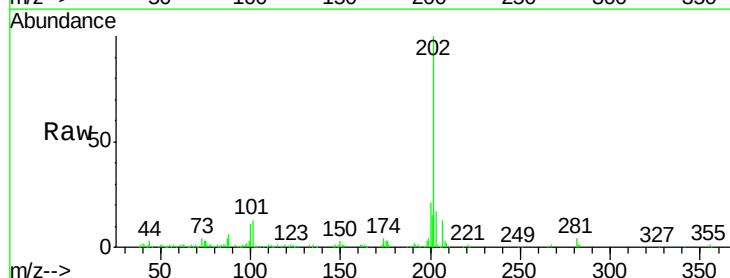
Tgt Ion:202 Resp: 196310

Ion Ratio Lower Upper

202 100

101 13.3 4.6 7.0#

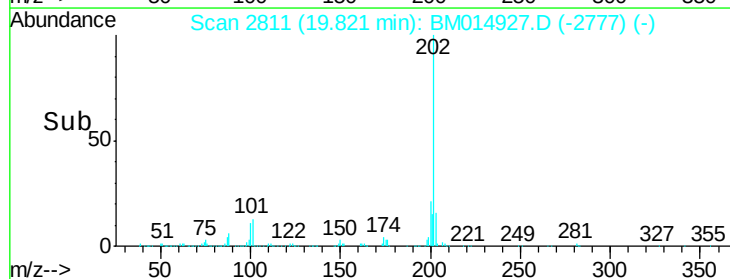
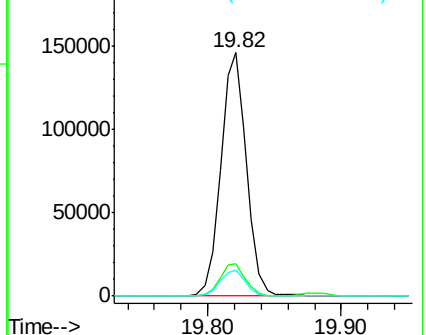
100 10.5 3.4 5.2#

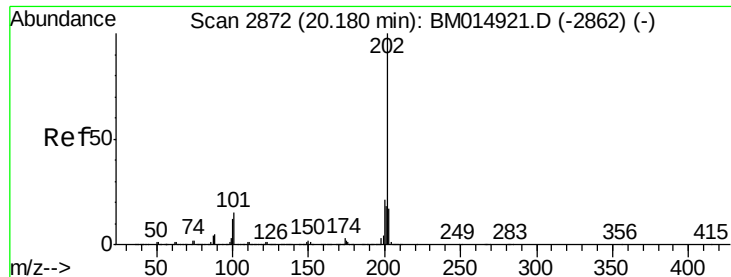


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 2.868 ng/ul

RT: 20.18 min Scan# 2872

Delta R.T. -0.00 min

Lab File: BM014927.D

Acq: 02 May 2018 17:48

Instrument :

BNA_M

ClientSampleId :

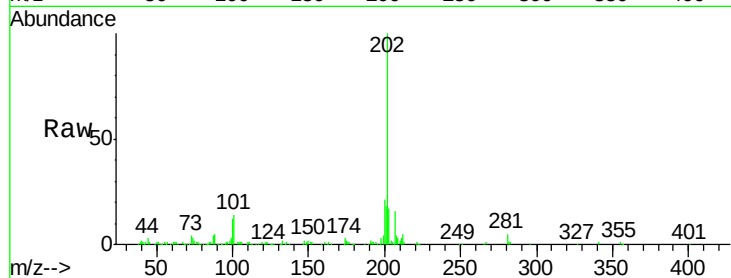
Tot Ion:202 Resp: 232644

Ion Ratio Lower Upper

202 100

101 14.3 5.1 7.7#

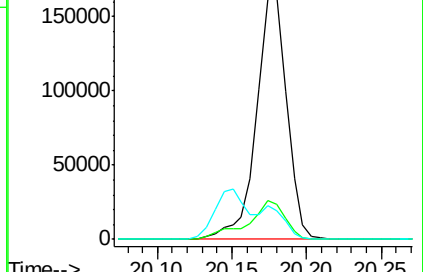
100 11.6 4.9 7.3#



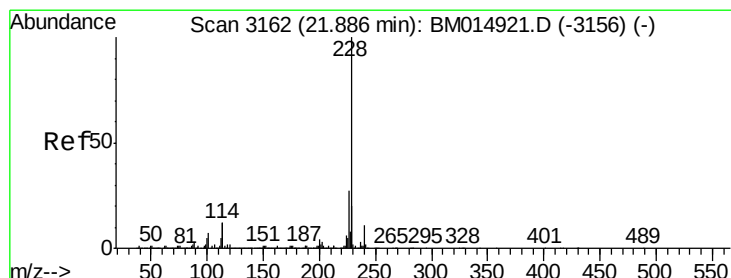
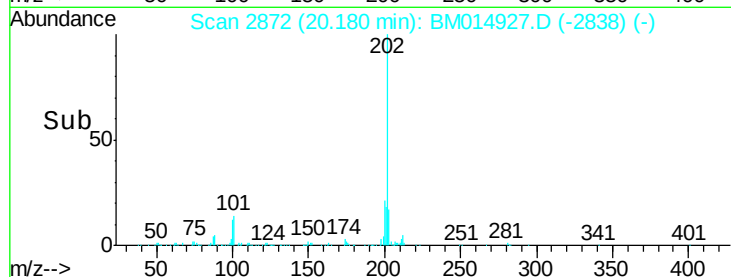
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#80

Benzo(a)anthracene

Concen: 1.363 ng/ul

RT: 21.89 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BM014927.D

Acq: 02 May 2018 17:48

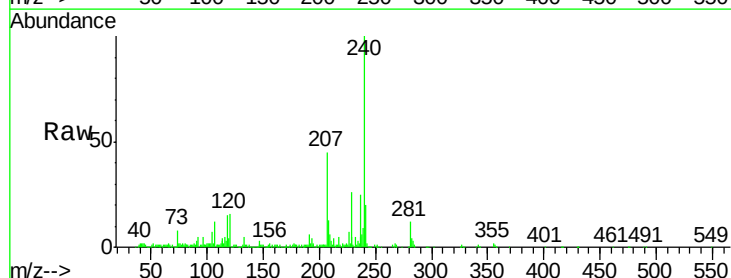
Tgt Ion:228 Resp: 110700

Ion Ratio Lower Upper

228 100

229 20.3 15.4 23.0

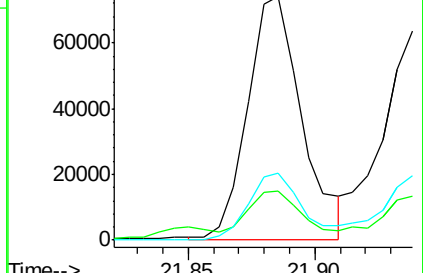
226 27.5 21.4 32.0



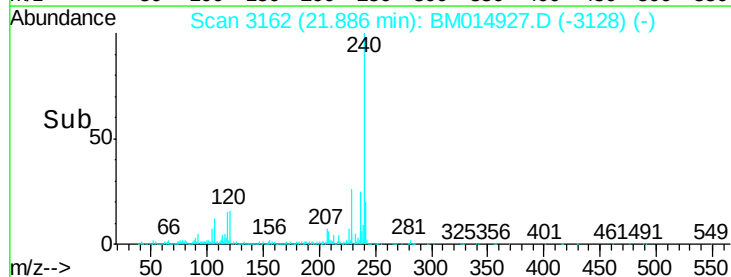
Abundance Ion 228.00 (227.70 to 228.70): E

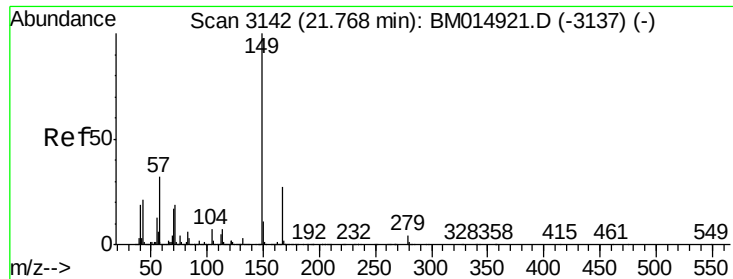
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



Time-->





#81

Bis(2-ethylhexyl)phthalate

Concen: 3.199 ng/ul

RT: 21.77 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BM014927.D

Acq: 02 May 2018 17:48

Instrument :

BNA_M

ClientSampleId :

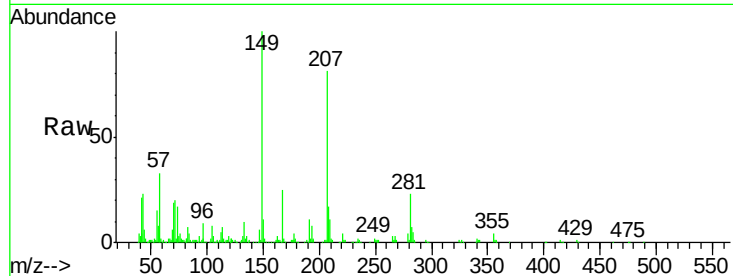
Tot Ion:149 Resp: 155418

Ion Ratio Lower Upper

149 100

167 24.9 22.8 34.2

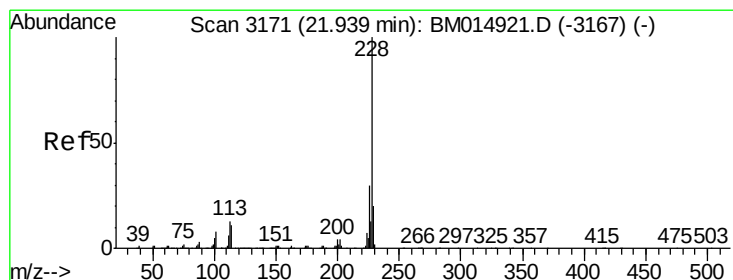
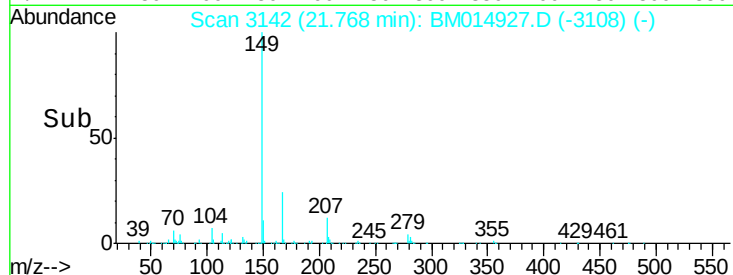
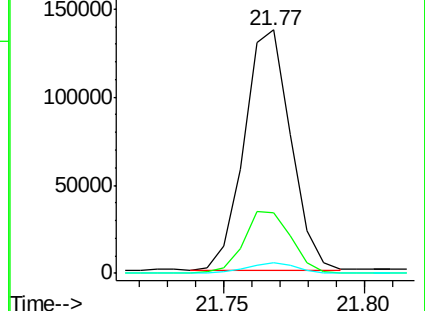
279 4.4 4.9 7.3#



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: 1.250 ng/ul

RT: 21.94 min Scan# 3171

Delta R.T. -0.00 min

Lab File: BM014927.D

Acq: 02 May 2018 17:48

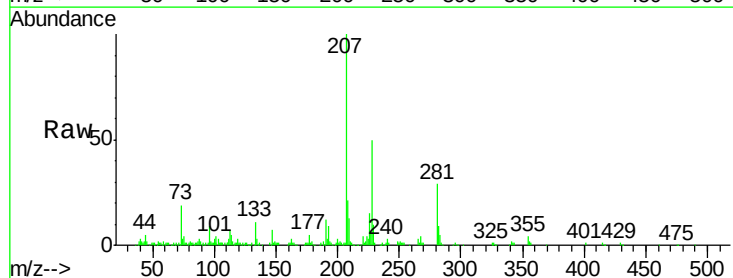
Tgt Ion:228 Resp: 95030

Ion Ratio Lower Upper

228 100

226 31.0 23.4 35.2

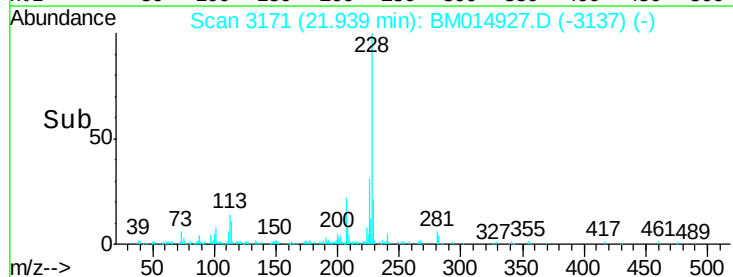
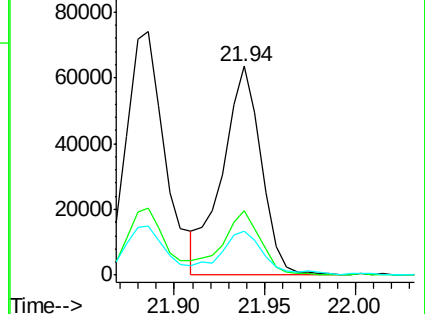
229 21.1 15.5 23.3

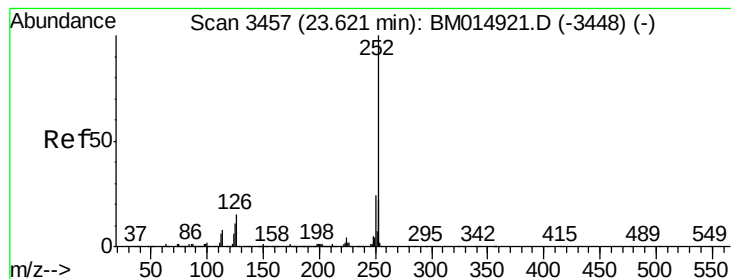


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 1.553 ng/ul

RT: 23.62 min Scan# 3457

Delta R.T. -0.00 min

Lab File: BM014927.D

Acq: 02 May 2018 17:48

Instrument :

BNA_M

ClientSampleId :

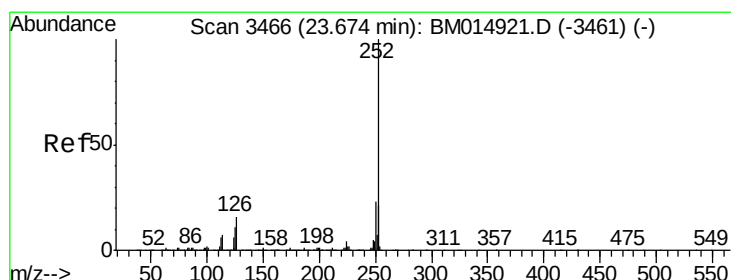
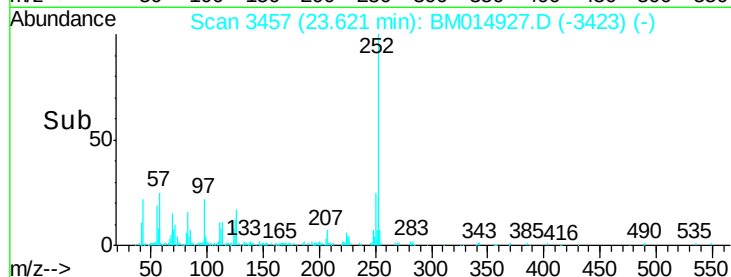
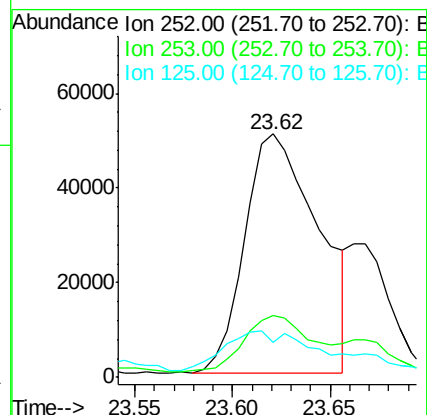
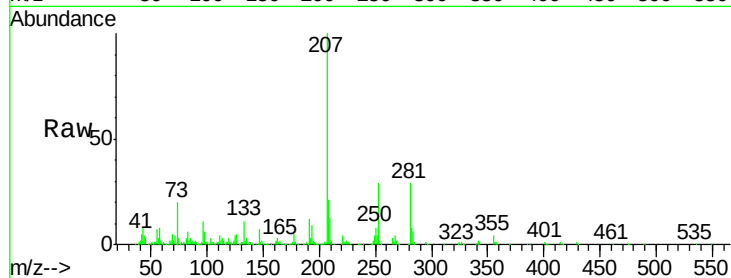
Tot Ion:252 Resp: 132240

Ion Ratio Lower Upper

252 100

253 25.2 17.9 26.9

125 14.2 3.6 5.4#



#86

Benzo(k)fluoranthene

Concen: 1.615 ng/ul

RT: 23.62 min Scan# 3457

Delta R.T. -0.05 min

Lab File: BM014927.D

Acq: 02 May 2018 17:48

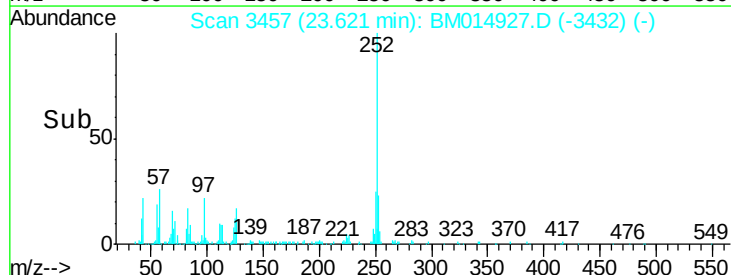
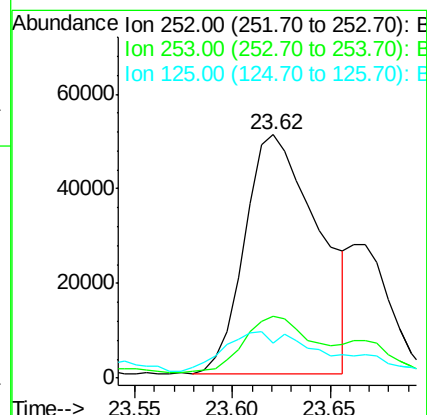
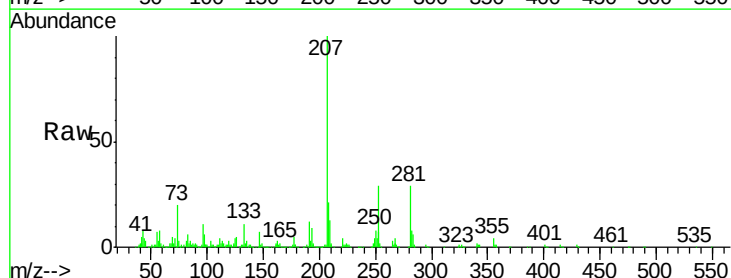
Tgt Ion:252 Resp: 132240

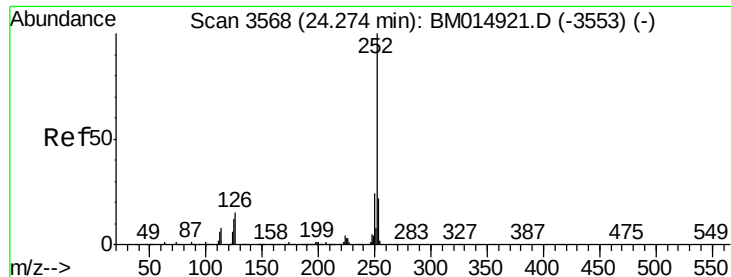
Ion Ratio Lower Upper

252 100

253 25.2 17.1 25.7

125 14.2 3.4 5.2#





#88

Benzo(a)pyrene

Concen: 1.743 ng/ul

RT: 24.27 min Scan# 3567

Delta R.T. -0.01 min

Lab File: BM014927.D

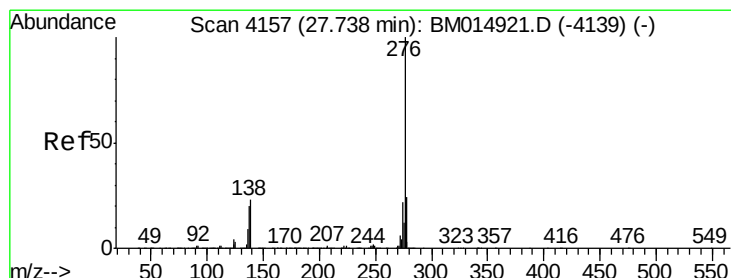
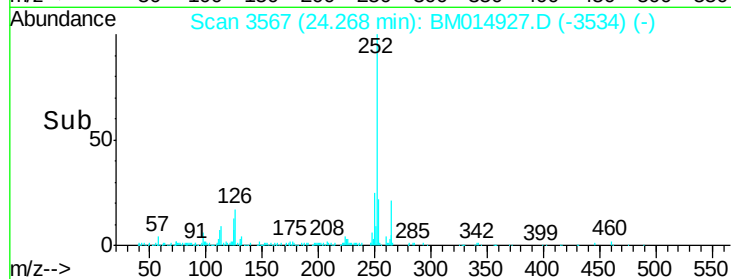
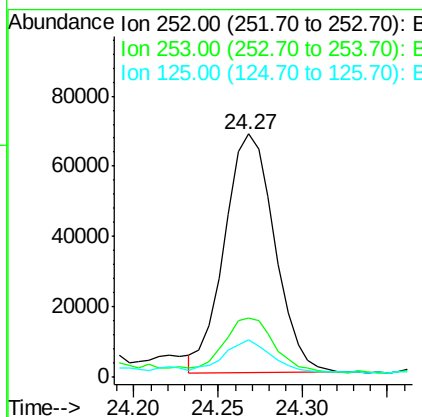
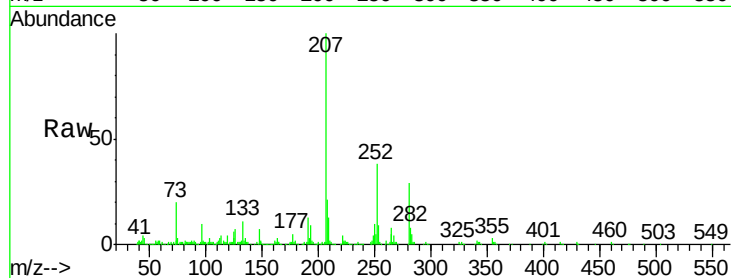
Acq: 02 May 2018 17:48

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	140814
Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.2
125	15.3	4.0	6.0#



#91

Benzo(g,h,i)perylene

Concen: 1.363 ng/ul

RT: 27.73 min Scan# 4155

Delta R.T. -0.01 min

Lab File: BM014927.D

Acq: 02 May 2018 17:48

Tgt Ion:	276	Resp:	109558
Ion	Ratio	Lower	Upper
276	100		
138	23.0	8.5	12.7#
277	23.7	18.6	28.0

