

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
 Data File : BM014957.D
 Acq On : 03 May 2018 23:51
 Operator : SJ/JU
 Sample : J2554-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 04 05:56:45 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 04 05:51:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	422478	20.00	ng/ul	0.00
18) Naphthalene-d8	11.33	136	1709991	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	830724	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.81	188	1624739	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1608463	20.00	ng/ul	0.00
83) Perylene-d12	24.37	264	1773688	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.64	96	35036	3.62	ng/uL	0.00
5) Phenol-d5	7.62	99	605475	18.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.79	67	425881	20.33	ng/ul	0.00
9) 2-Chlorophenol-d4	8.01	132	514820	18.84	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	429735	16.50	ng/ul	0.00
19) Nitrobenzene-d5	9.67	128	227194	18.38	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	233059	18.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	421988	16.87	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	547623	22.18	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	1207433	18.62	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	1428426	17.84	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	164175	13.64	ng/ul	0.00
57) Fluorene-d10	16.07	176	1007917	17.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.17	200	113779	12.94	ng/ul	0.00
70) Anthracene-d10	17.91	188	1451277	19.17	ng/ul	0.00
76) Pyrene-d10	20.14	212	1569182	20.62	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.21	264	1883816	21.62	ng/ul	0.00

Target Compounds

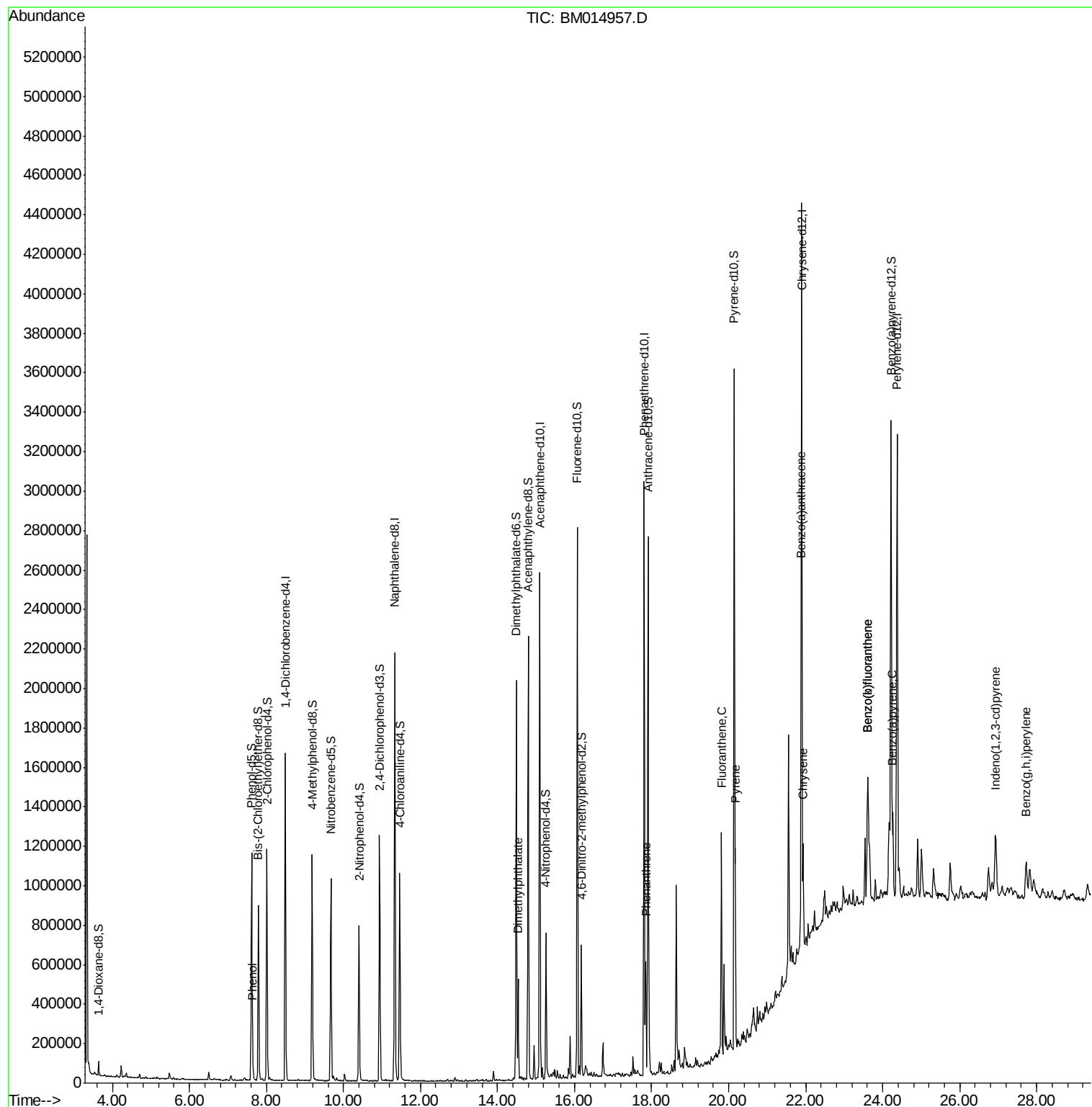
				Ovalue	
6) Phenol	7.65	94	40781	1.269	ng/ul# 86
44) Dimethylphthalate	14.53	163	283109	4.516	ng/ul 97
69) Phenanthrene	17.85	178	313056	3.588	ng/ul 99
74) Fluoranthene	19.82	202	624022	6.560	ng/ul# 80
77) Pyrene	20.17	202	543794	5.786	ng/ul# 77
80) Benzo(a)anthracene	21.88	228	311712	3.314	ng/ul 99
82) Chrysene	21.94	228	292567	3.323	ng/ul 96
85) Benzo(b)fluoranthene	23.62	252	454373	4.346	ng/ul# 93
86) Benzo(k)fluoranthene	23.62	252	454373	4.519	ng/ul# 91
88) Benzo(a)pyrene	24.27	252	322837	3.255	ng/ul# 95
89) Indeno(1,2,3-cd)pyrene	26.93	276	248202	2.069	ng/ul# 89
91) Benzo(g,h,i)perylene	27.73	276	229152	2.321	ng/ul# 85

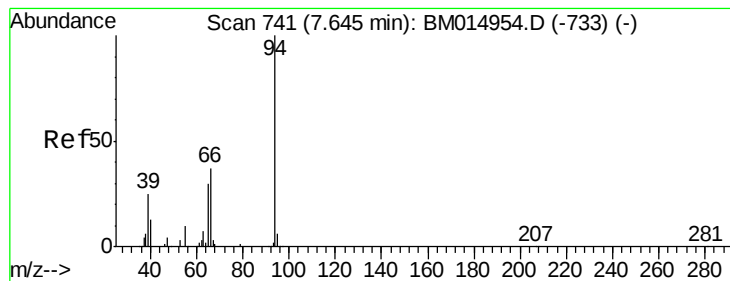
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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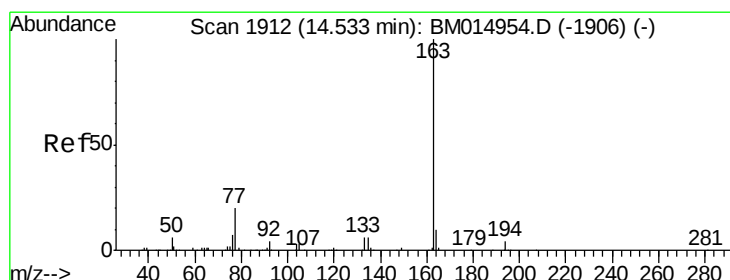
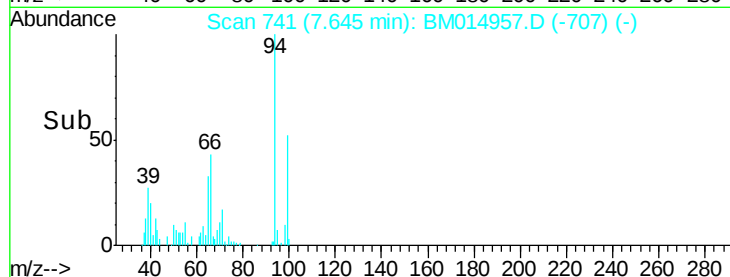
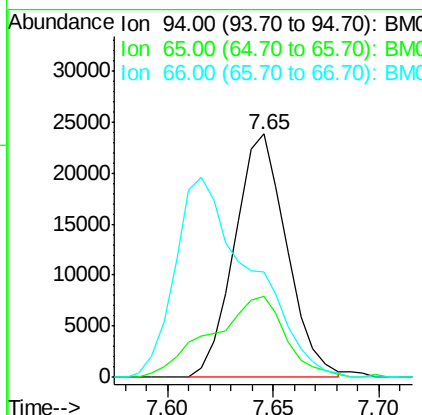
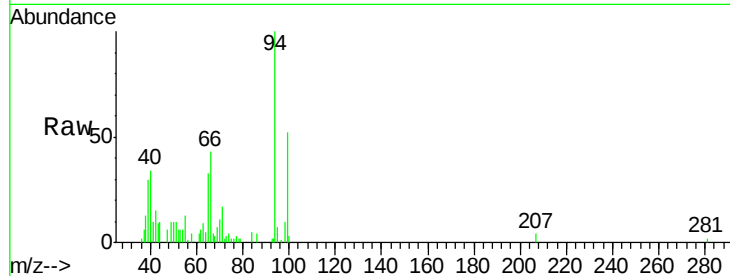
#6

Phenol

Concen: 1.269 ng/ul
 RT: 7.65 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BM014957.D
 Acq: 03 May 2018 23:51

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 94 Resp: 40781
 Ion Ratio Lower Upper
 94 100
 65 33.1 28.2 42.4
 66 43.3 47.2 70.8#

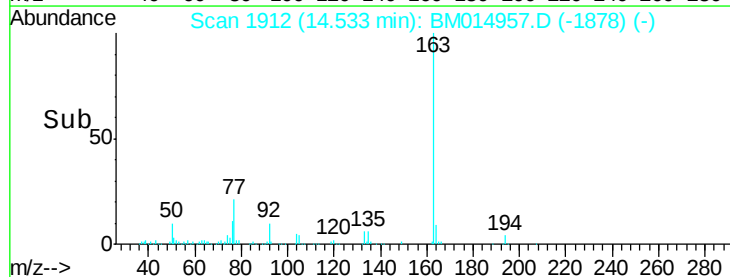
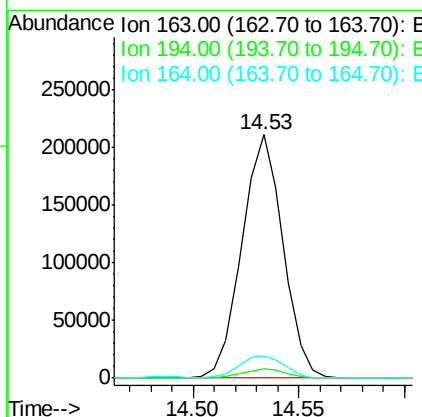
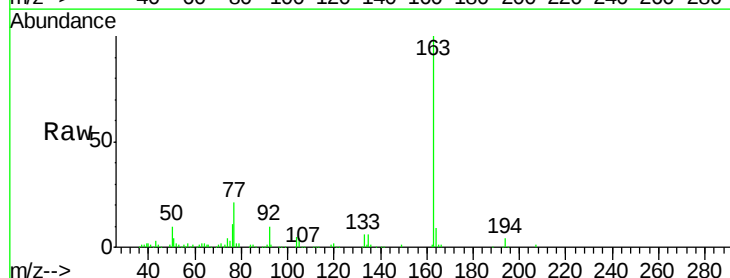


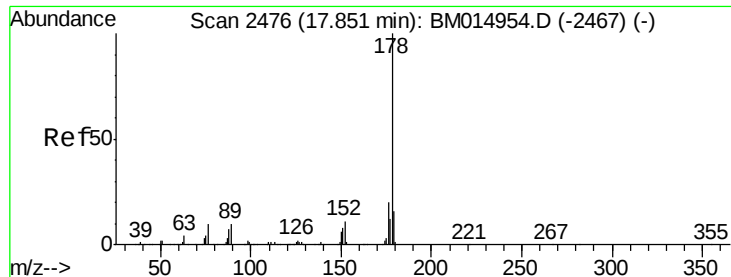
#44

Dimethylphthalate

Concen: 4.516 ng/ul
 RT: 14.53 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: BM014957.D
 Acq: 03 May 2018 23:51

Tgt Ion: 163 Resp: 283109
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.5 5.3
 164 9.2 8.2 12.4





#69

Phenanthrene

Concen: 3.588 ng/ul

RT: 17.85 min Scan# 2476

Delta R.T. -0.00 min

Lab File: BM014957.D

Acq: 03 May 2018 23:51

Instrument :

BNA_M

ClientSampleId :

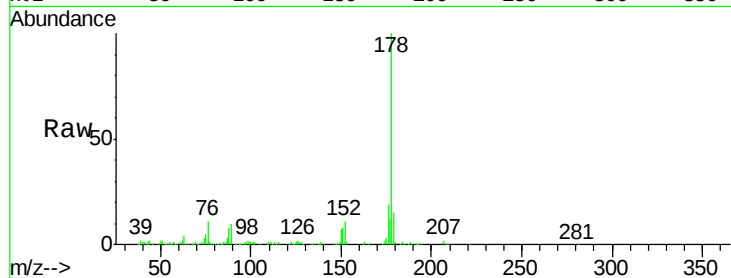
Tot Ion:178 Resp: 313056

Ion Ratio Lower Upper

178 100

179 15.3 12.6 19.0

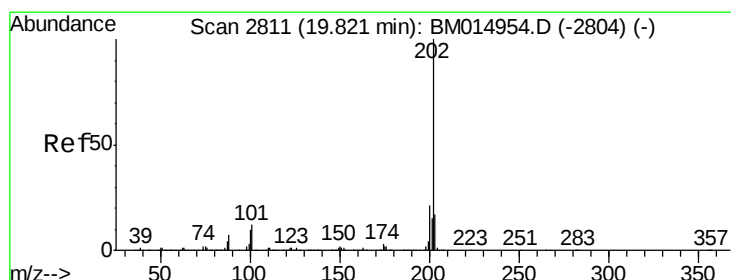
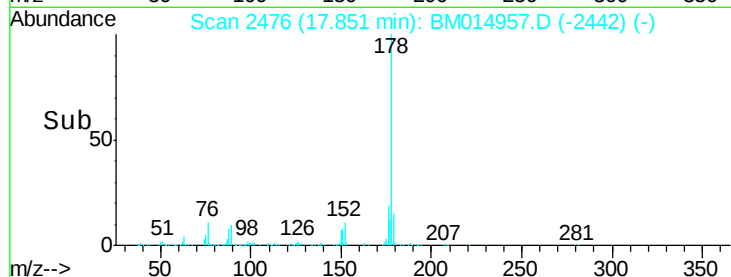
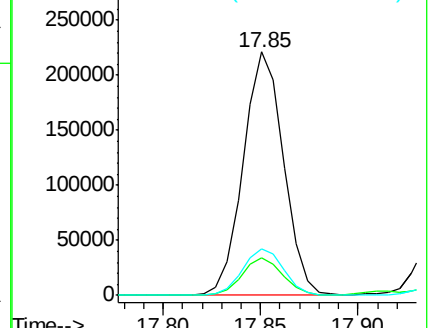
176 19.0 14.9 22.3



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: 6.560 ng/ul

RT: 19.82 min Scan# 2810

Delta R.T. -0.01 min

Lab File: BM014957.D

Acq: 03 May 2018 23:51

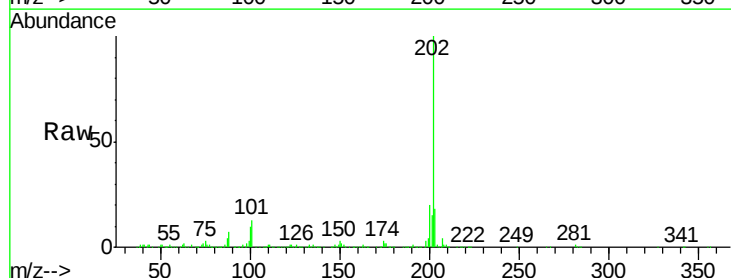
Tgt Ion:202 Resp: 624022

Ion Ratio Lower Upper

202 100

101 13.1 4.6 7.0#

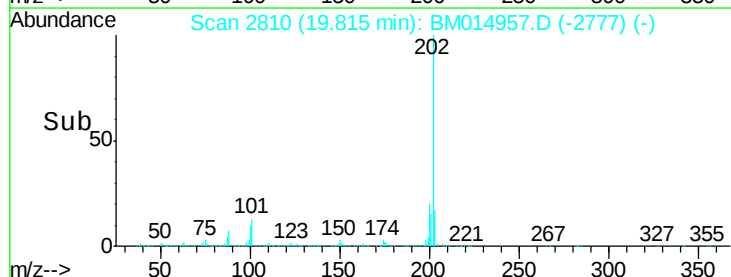
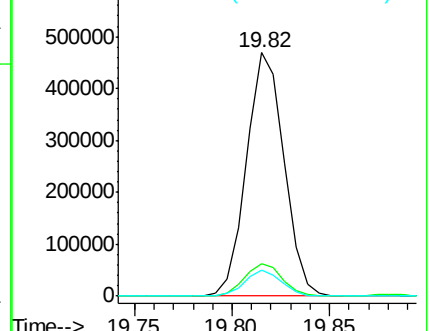
100 10.4 3.4 5.2#

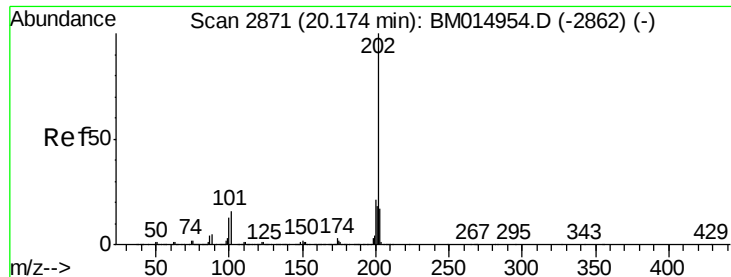


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 5.786 ng/ul

RT: 20.17 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BM014957.D

Acq: 03 May 2018 23:51

Instrument :

BNA_M

ClientSampled :

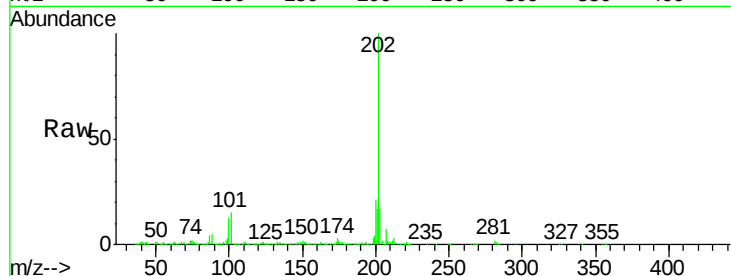
Tot Ion:202 Resp: 543794

Ion Ratio Lower Upper

202 100

101 15.2 5.1 7.7#

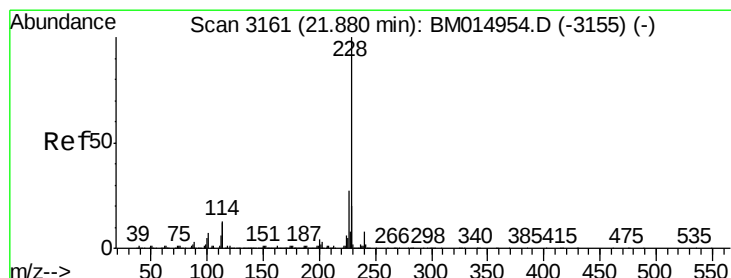
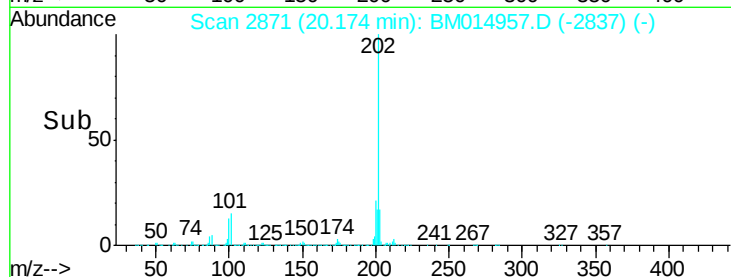
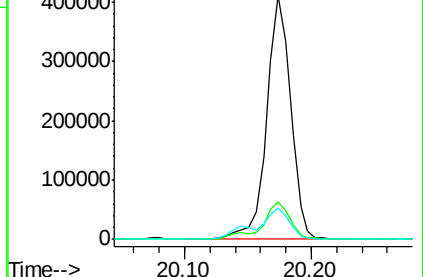
100 12.6 4.9 7.3#



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



#80

Benzo(a)anthracene

Concen: 3.314 ng/ul

RT: 21.88 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BM014957.D

Acq: 03 May 2018 23:51

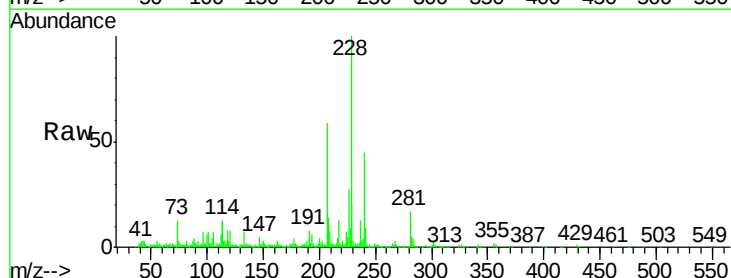
Tgt Ion:228 Resp: 311712

Ion Ratio Lower Upper

228 100

229 20.0 15.4 23.0

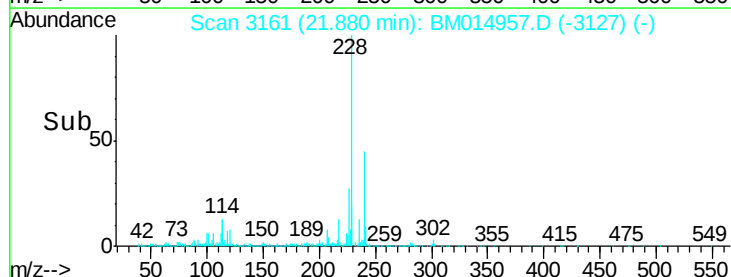
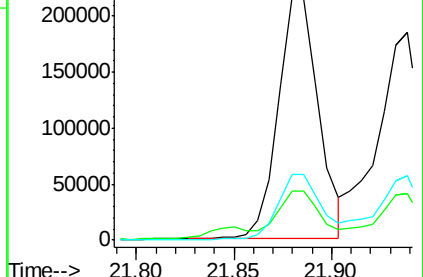
226 27.1 21.4 32.0

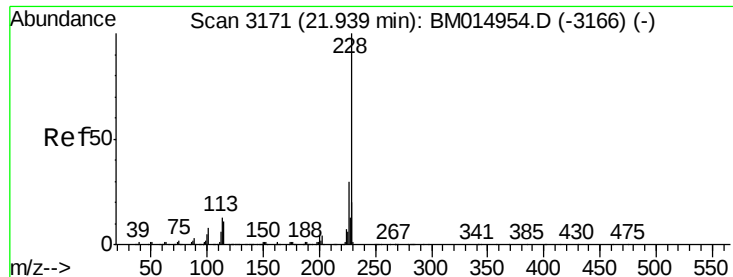


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 3.323 ng/ul

RT: 21.94 min Scan# 3171

Delta R.T. -0.00 min

Lab File: BM014957.D

Acq: 03 May 2018 23:51

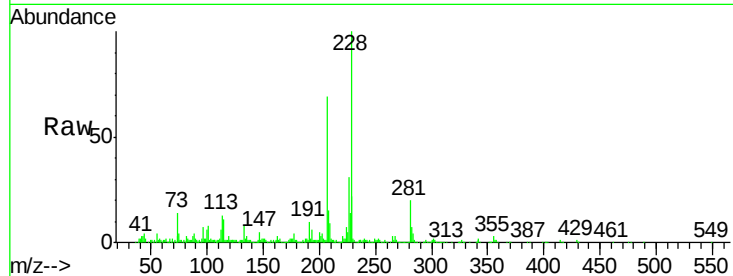
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 292567

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.4	35.2
229	22.2	15.5	23.3

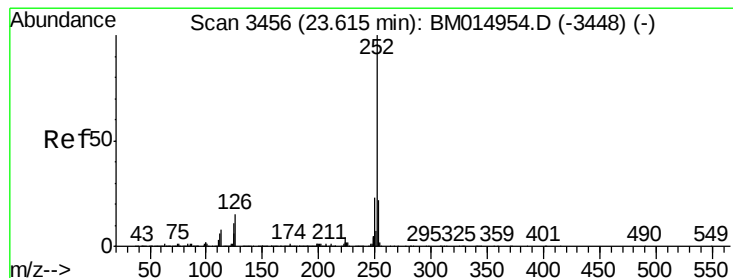
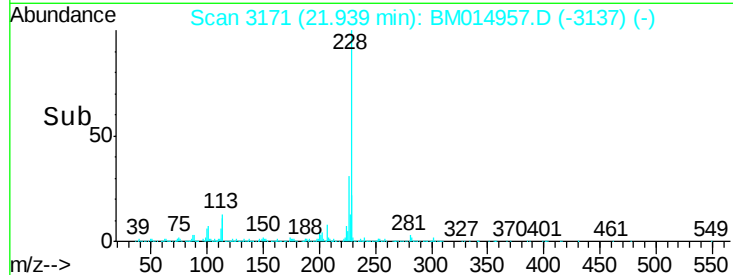
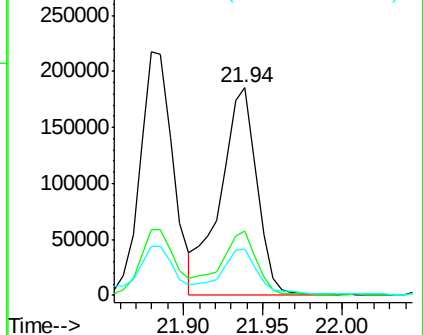


Abundance

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: 4.346 ng/ul

RT: 23.62 min Scan# 3457

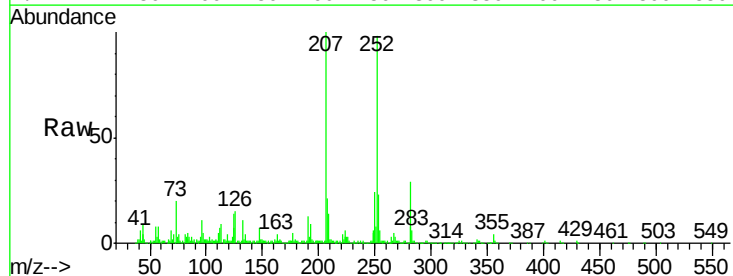
Delta R.T. 0.01 min

Lab File: BM014957.D

Acq: 03 May 2018 23:51

Tgt Ion:252 Resp: 454373

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	14.0	3.6	5.4

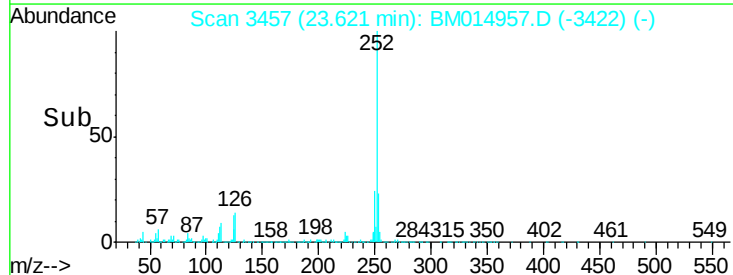
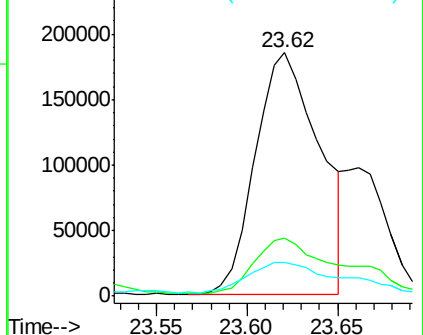


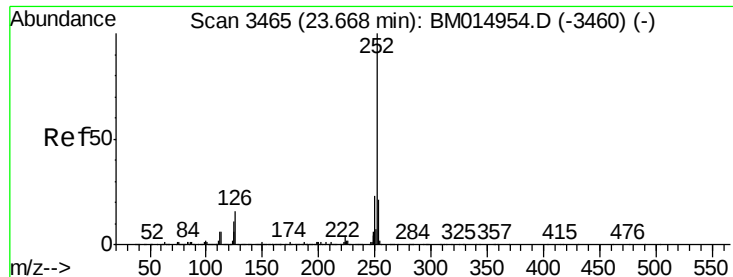
Abundance

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

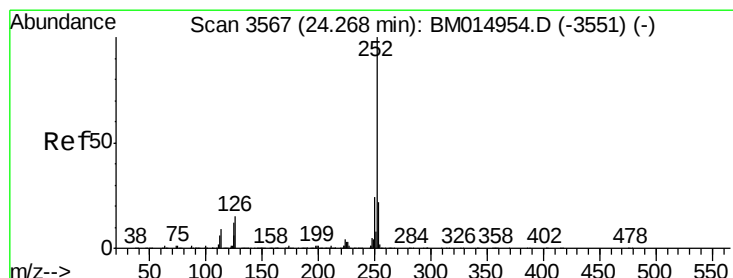
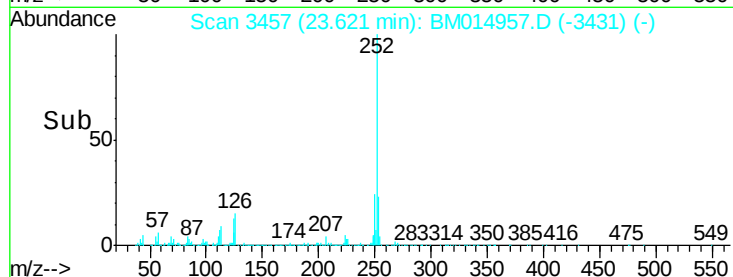
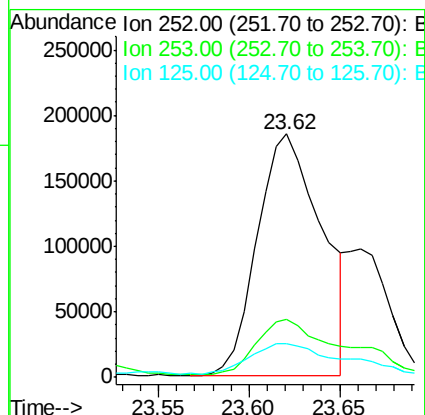
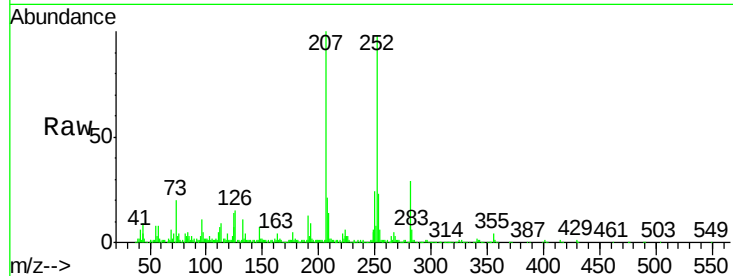




#86
Benzo(k)fluoranthene
Concen: 4.519 ng/ul
RT: 23.62 min Scan# 3457
Delta R.T. -0.05 min
Lab File: BM014957.D
Acq: 03 May 2018 23:51

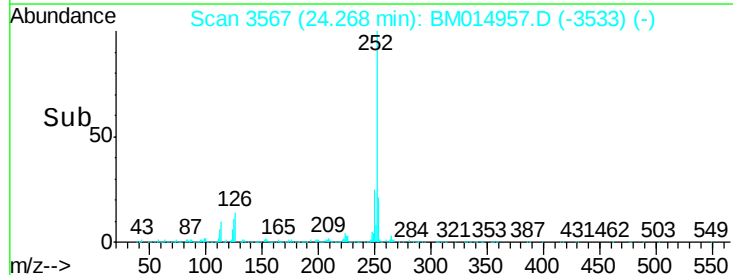
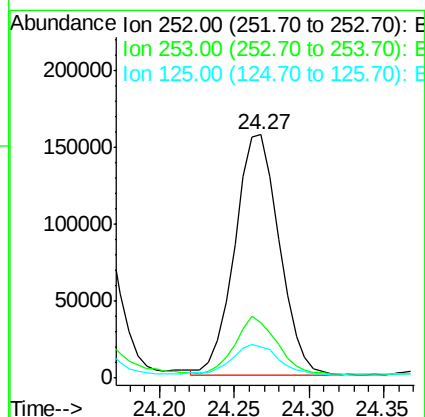
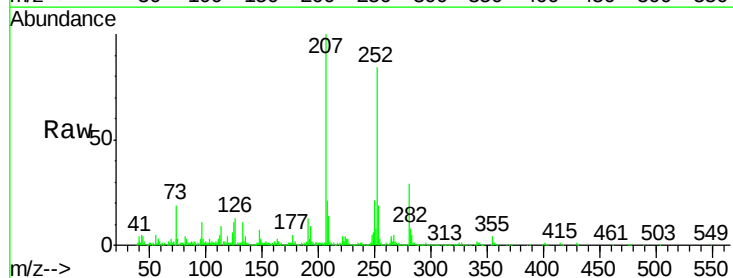
Instrument :
BNA_M
ClientSampled :

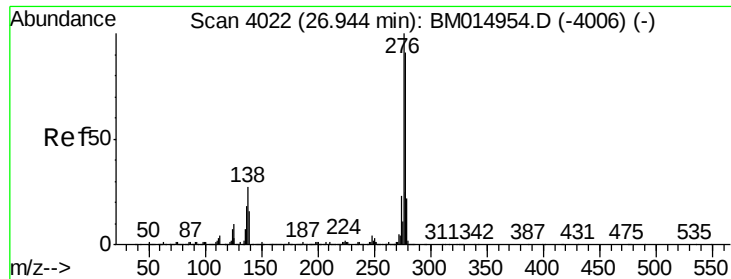
Tot Ion:252 Resp: 454373
Ion Ratio Lower Upper
252 100
253 23.7 17.1 25.7
125 14.0 3.4 5.2#



#88
Benzo(a)pyrene
Concen: 3.255 ng/ul
RT: 24.27 min Scan# 3567
Delta R.T. -0.00 min
Lab File: BM014957.D
Acq: 03 May 2018 23:51

Tgt Ion:252 Resp: 322837
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 13.0 4.0 6.0#



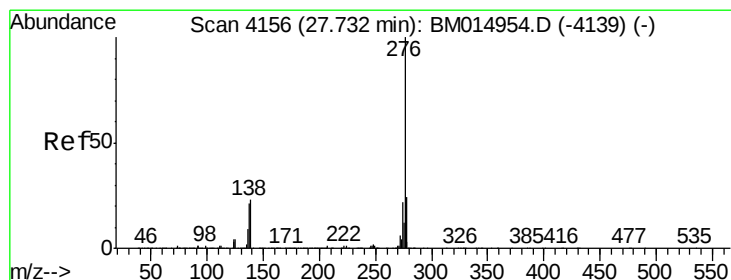
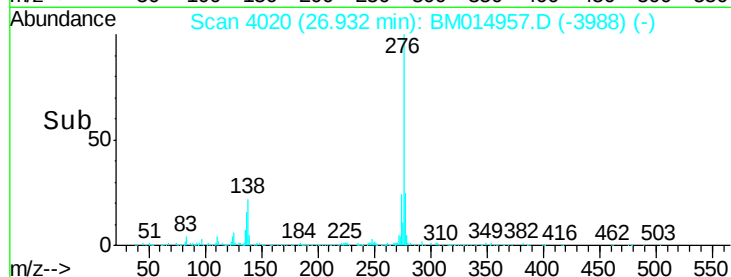
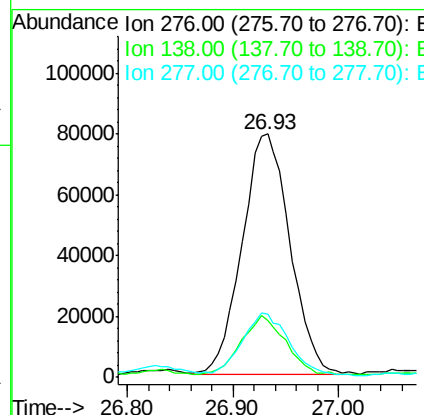
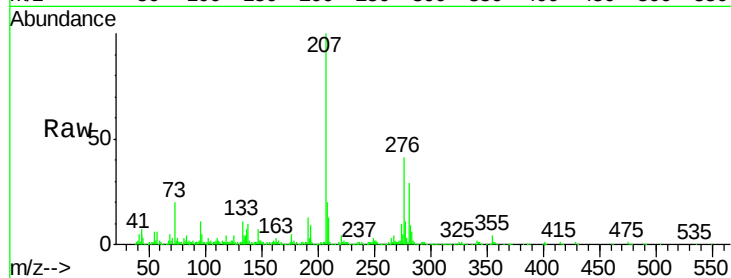


#89

Indeno(1,2,3-cd)pyrene
Concen: 2.069 ng/ul
RT: 26.93 min Scan# 4020
Delta R.T. -0.01 min
Lab File: BM014957.D
Acq: 03 May 2018 23:51

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.2	9.3	13.9#
277	26.1	19.9	29.9



#91

Benzo(g,h,i)perylene
Concen: 2.321 ng/ul
RT: 27.73 min Scan# 4155
Delta R.T. -0.01 min
Lab File: BM014957.D
Acq: 03 May 2018 23:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.1	8.5	12.7#
277	25.6	18.6	28.0

