

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
 Data File : BM014956.D
 Acq On : 03 May 2018 23:13
 Operator : SJ/JU
 Sample : J2554-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 04 05:56:28 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	406352	20.00	ng/ul	0.00
18) Naphthalene-d8	11.33	136	1678272	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	824331	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.81	188	1632679	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1561251	20.00	ng/ul	0.00
83) Perylene-d12	24.37	264	1709381	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.64	96	35366	3.80	ng/uL	0.00
5) Phenol-d5	7.62	99	614905	19.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.79	67	449689	22.32	ng/ul	0.00
9) 2-Chlorophenol-d4	8.01	132	533928	20.32	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	418964	16.72	ng/ul	0.00
19) Nitrobenzene-d5	9.67	128	237554	19.58	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	243520	20.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	430056	17.52	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	576466	23.79	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	1223179	19.01	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	1471129	18.51	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	157840	13.22	ng/ul	0.00
57) Fluorene-d10	16.07	176	1036700	18.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.17	200	111649	12.64	ng/ul	0.00
70) Anthracene-d10	17.90	188	1435942	18.87	ng/ul	0.00
76) Pyrene-d10	20.14	212	1500946	20.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	1718460	20.46	ng/ul	0.00

Target Compounds

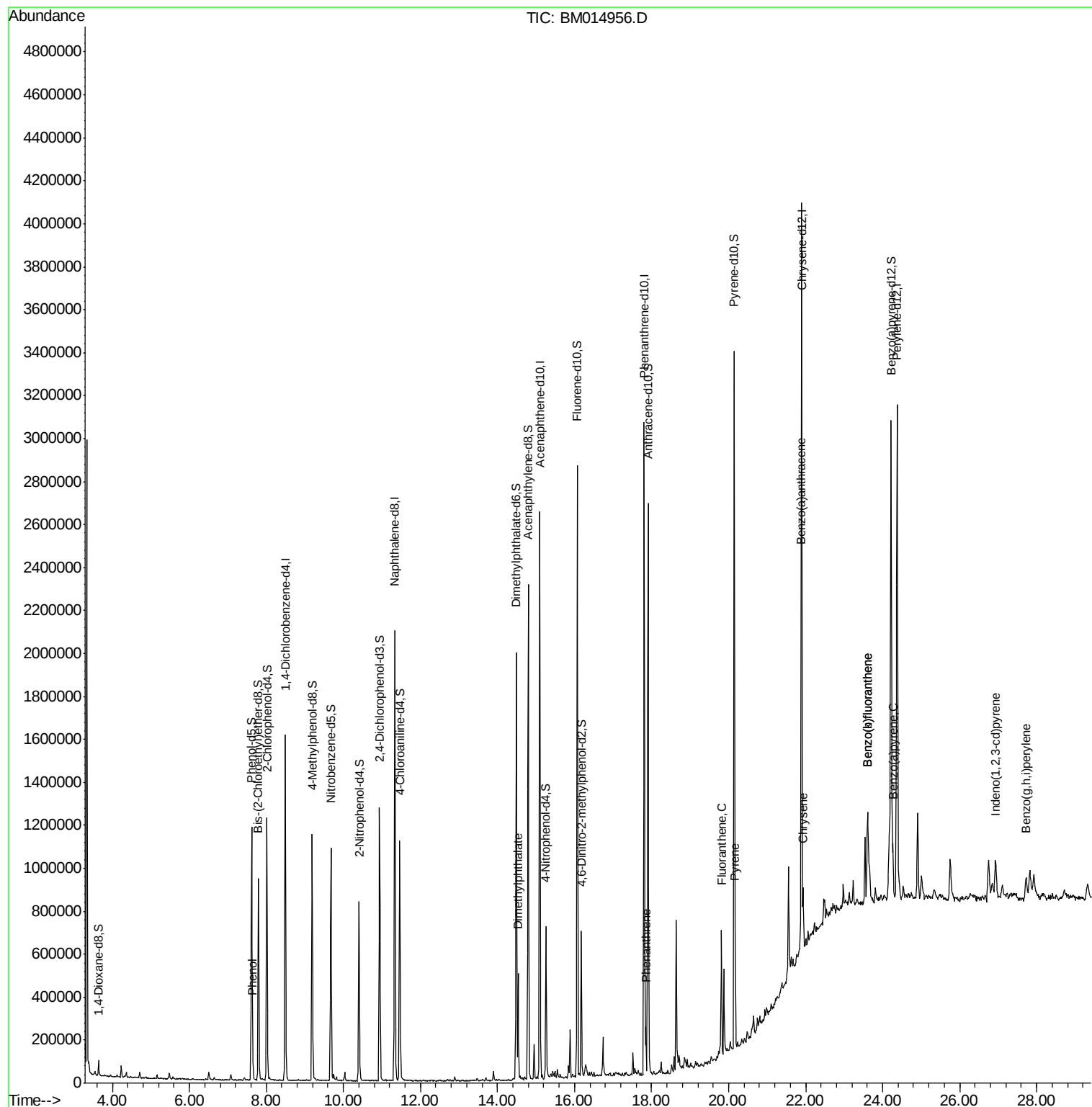
				Ovalue	
6) Phenol	7.65	94	43712	1.414 ng/ul#	83
44) Dimethylphthalate	14.53	163	273840	4.402 ng/ul	98
69) Phenanthrene	17.85	178	113136	1.290 ng/ul	99
74) Fluoranthene	19.82	202	318132	3.328 ng/ul#	79
77) Pyrene	20.17	202	288485	3.163 ng/ul#	77
80) Benzo(a)anthracene	21.88	228	167456	1.834 ng/ul	97
82) Chrysene	21.94	228	161301	1.887 ng/ul	96
85) Benzo(b)fluoranthene	23.62	252	251057	2.491 ng/ul#	92
86) Benzo(k)fluoranthene	23.62	252	251057	2.591 ng/ul#	90
88) Benzo(a)pyrene	24.27	252	180015	1.883 ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	26.93	276	136881	1.184 ng/ul#	89
91) Benzo(g,h,i)perylene	27.72	276	126445	1.329 ng/ul#	85

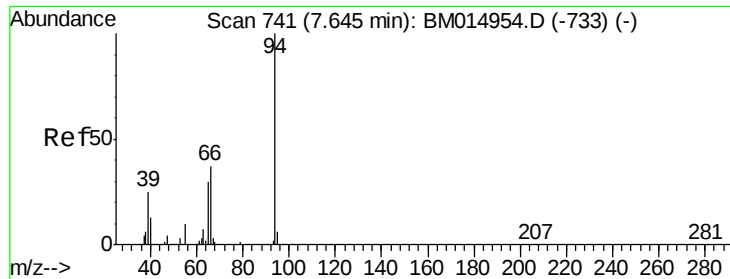
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014956.D
Acq On : 03 May 2018 23:13
Operator : SJ/JU
Sample : J2554-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :

Quant Time: May 04 05:56:28 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





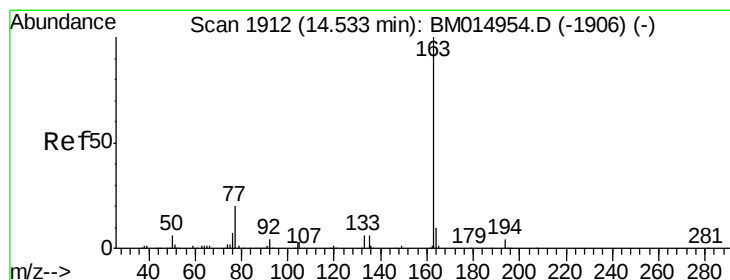
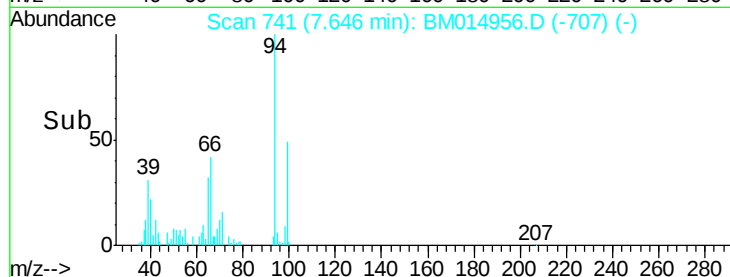
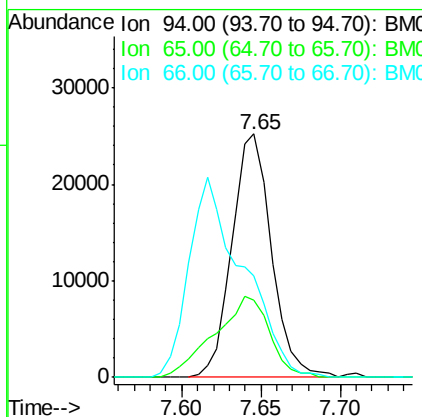
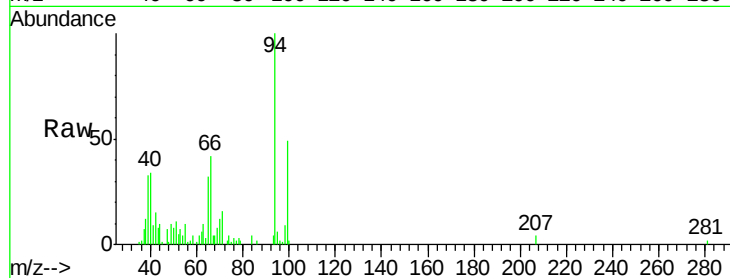
#6

Phenol

Concen: 1.414 ng/ul
 RT: 7.65 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BM014956.D
 Acq: 03 May 2018 23:13

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 94 Resp: 43712
 Ion Ratio Lower Upper
 94 100
 65 31.8 28.2 42.4
 66 41.8 47.2 70.8#

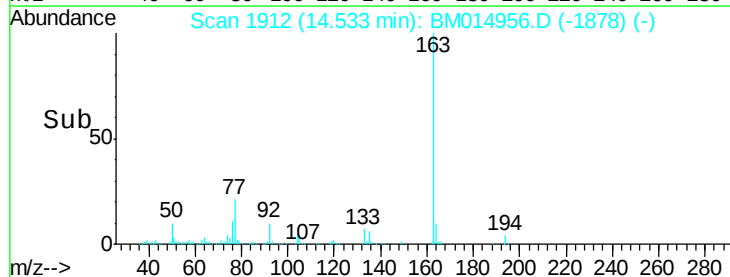
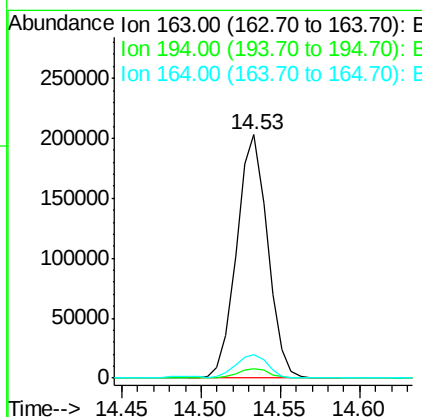
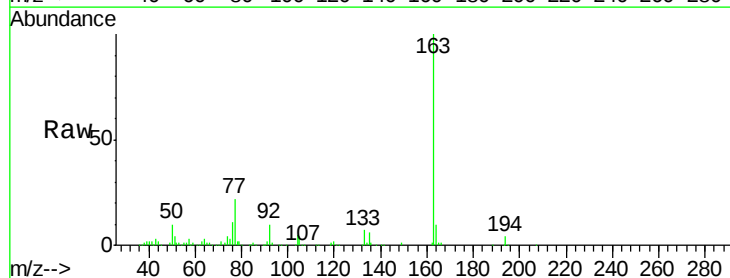


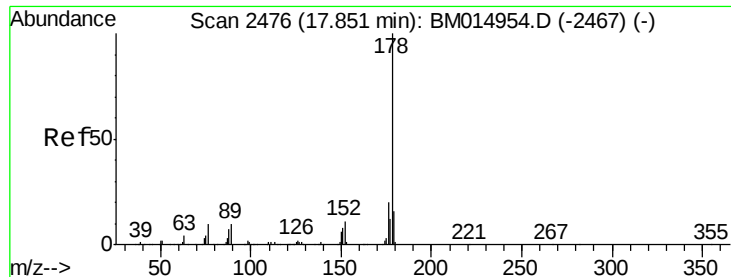
#44

Dimethylphthalate

Concen: 4.402 ng/ul
 RT: 14.53 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: BM014956.D
 Acq: 03 May 2018 23:13

Tgt Ion: 163 Resp: 273840
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.5 5.3
 164 9.7 8.2 12.4





#69

Phenanthrene

Concen: 1.290 ng/ul

RT: 17.85 min Scan# 2476

Delta R.T. 0.00 min

Lab File: BM014956.D

Acq: 03 May 2018 23:13

Instrument :

BNA_M

ClientSampleId :

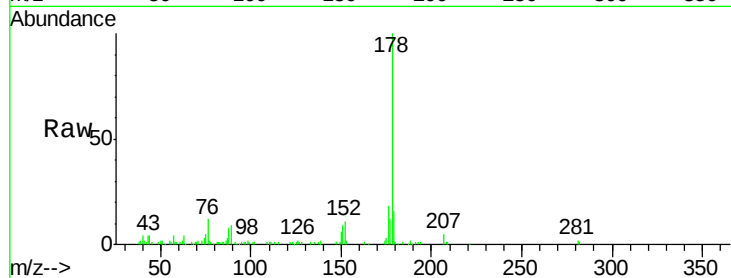
Tot Ion:178 Resp: 113136

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.6	19.0
176	18.4	14.9	22.3

178 100

179 16.2 12.6 19.0

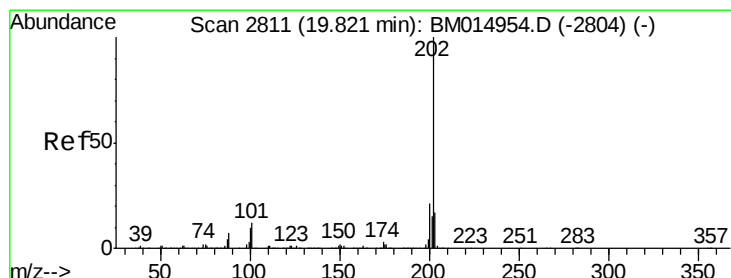
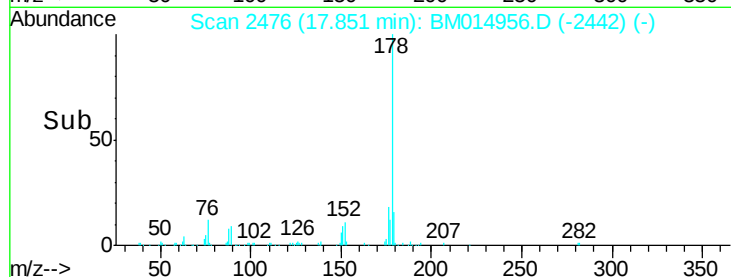
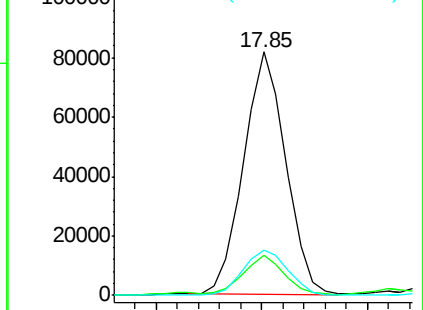
176 18.4 14.9 22.3



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: 3.328 ng/ul

RT: 19.82 min Scan# 2810

Delta R.T. -0.01 min

Lab File: BM014956.D

Acq: 03 May 2018 23:13

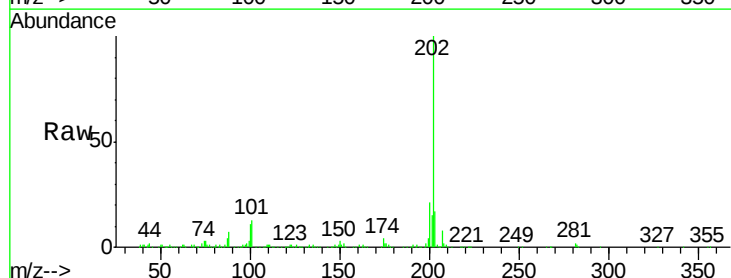
Tgt Ion:202 Resp: 318132

Ion	Ratio	Lower	Upper
202	100		
101	13.0	4.6	7.0#
100	10.6	3.4	5.2#

202 100

101 13.0 4.6 7.0#

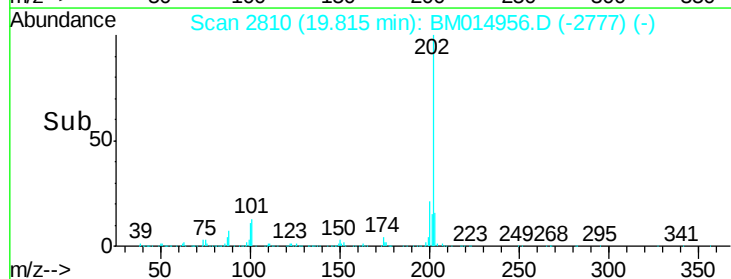
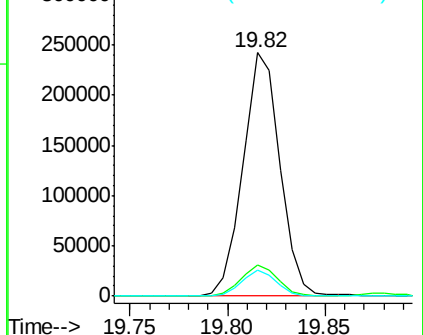
100 10.6 3.4 5.2#

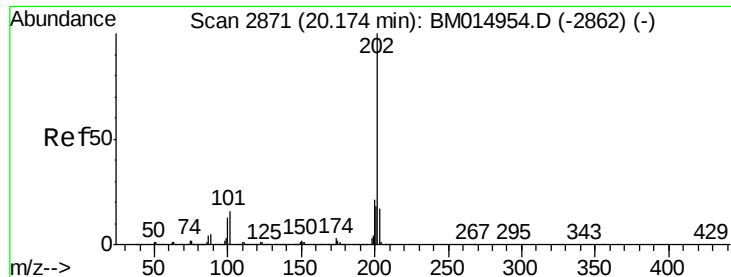


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 3.163 ng/ul

RT: 20.17 min Scan# 2871

Delta R.T. 0.00 min

Lab File: BM014956.D

Acq: 03 May 2018 23:13

Instrument :

BNA_M

ClientSampleId :

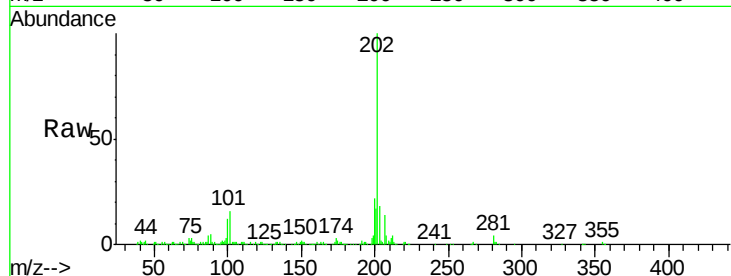
Tot Ion:202 Resp: 288485

Ion Ratio Lower Upper

202 100

101 15.6 5.1 7.7#

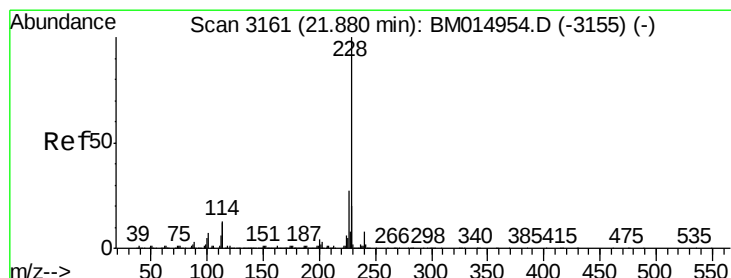
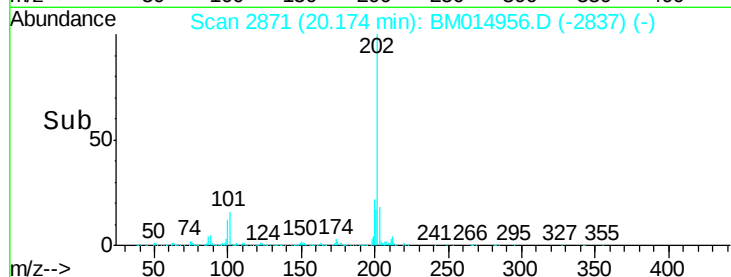
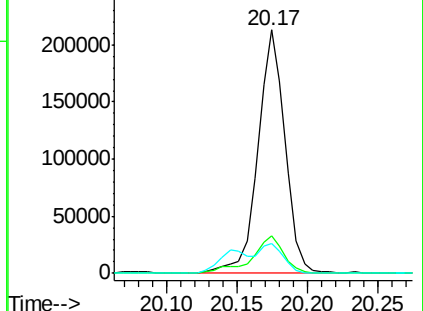
100 12.4 4.9 7.3#



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



#80

Benzo(a)anthracene

Concen: 1.834 ng/ul

RT: 21.88 min Scan# 3161

Delta R.T. 0.00 min

Lab File: BM014956.D

Acq: 03 May 2018 23:13

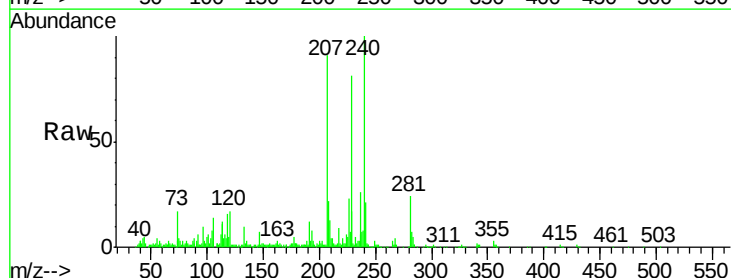
Tgt Ion:228 Resp: 167456

Ion Ratio Lower Upper

228 100

229 20.4 15.4 23.0

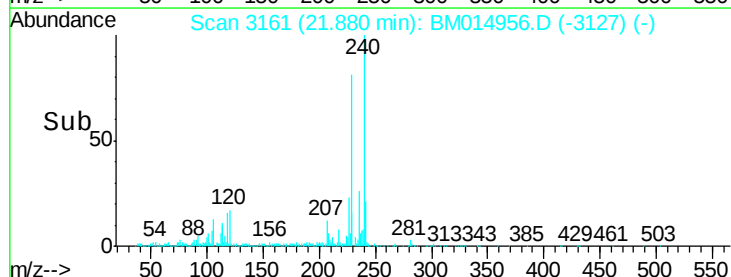
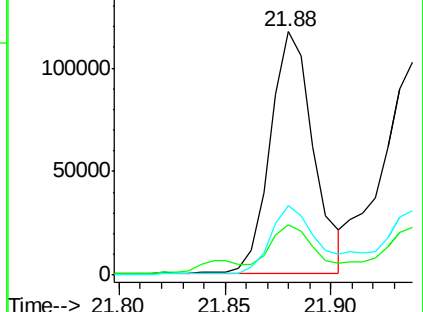
226 28.3 21.4 32.0

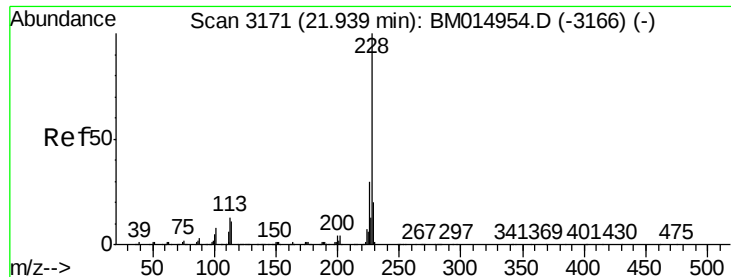


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.887 ng/ul

RT: 21.94 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BM014956.D

Acq: 03 May 2018 23:13

Instrument :

BNA_M

ClientSampleId :

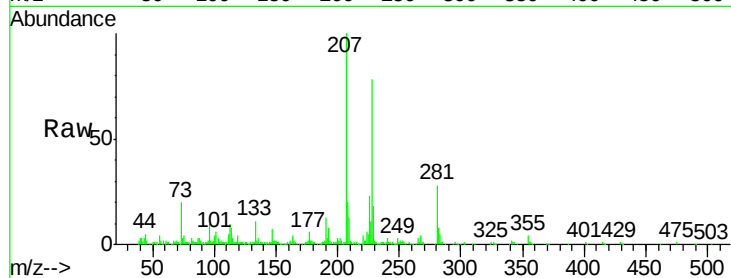
Tot Ion:228 Resp: 161301

Ion Ratio Lower Upper

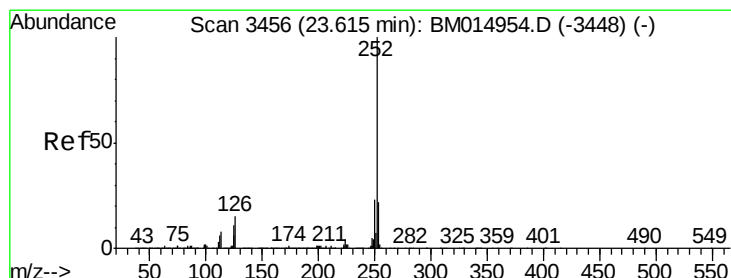
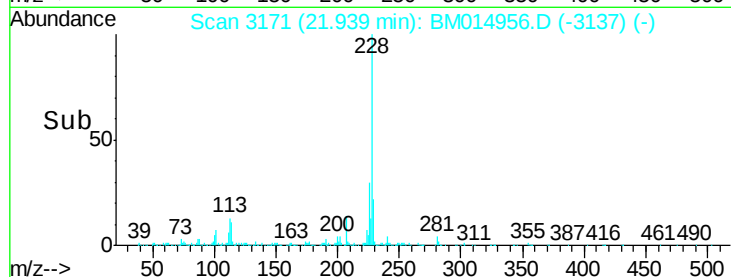
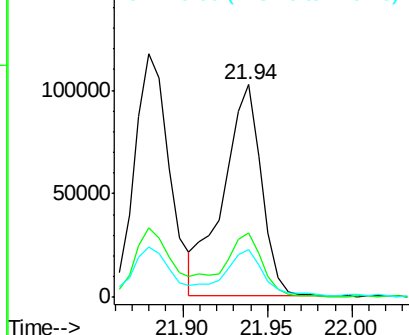
228 100

226 30.1 23.4 35.2

229 22.6 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: 2.491 ng/ul

RT: 23.62 min Scan# 3456

Delta R.T. 0.00 min

Lab File: BM014956.D

Acq: 03 May 2018 23:13

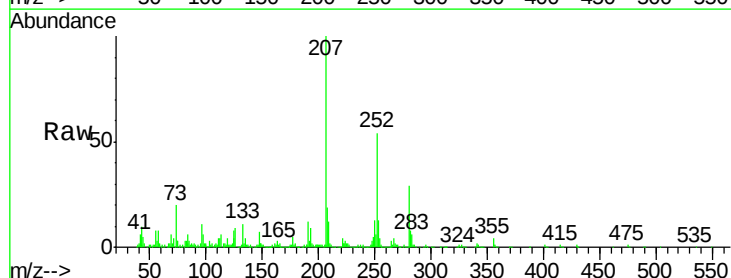
Tgt Ion:252 Resp: 251057

Ion Ratio Lower Upper

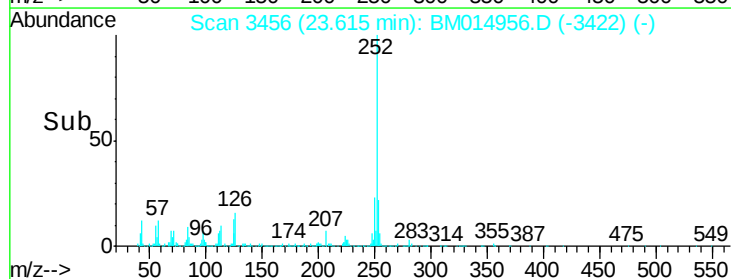
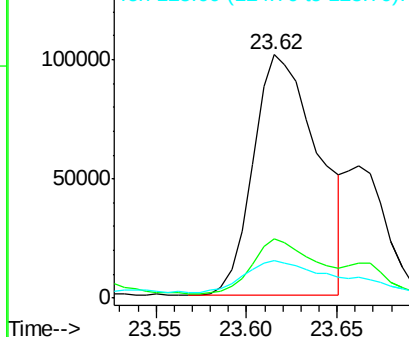
252 100

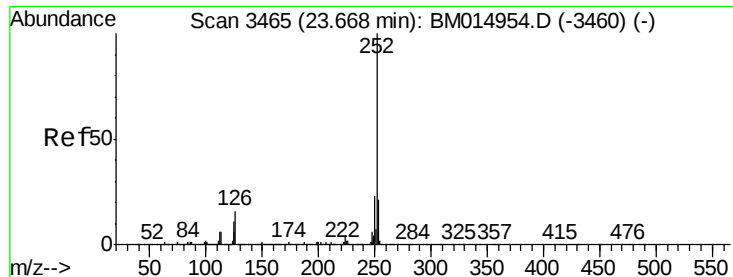
253 24.1 17.9 26.9

125 15.2 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

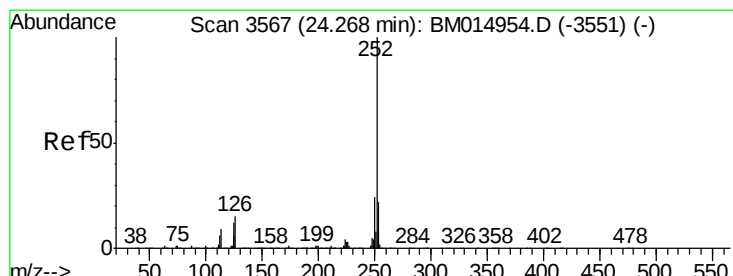
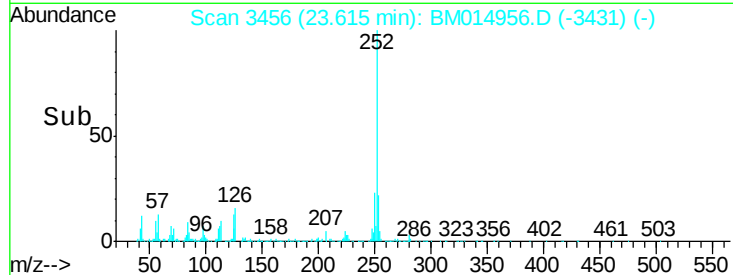
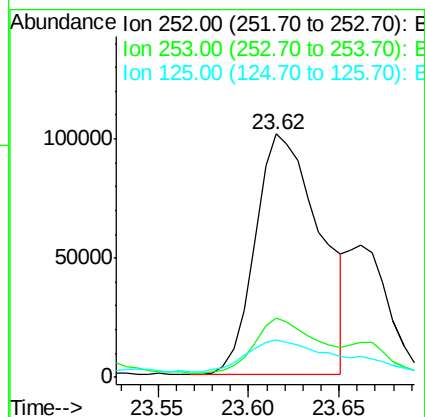
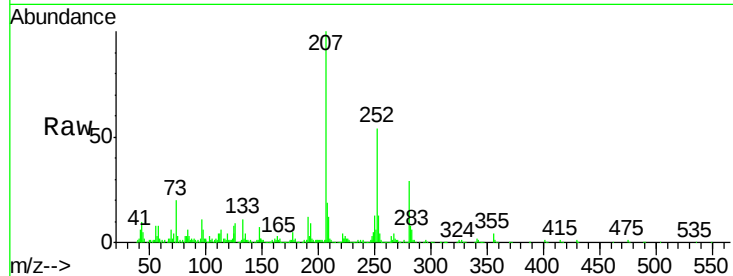




#86
Benzo(k)fluoranthene
Concen: 2.591 ng/ul
RT: 23.62 min Scan# 3456
Delta R.T. -0.05 min
Lab File: BM014956.D
Acq: 03 May 2018 23:13

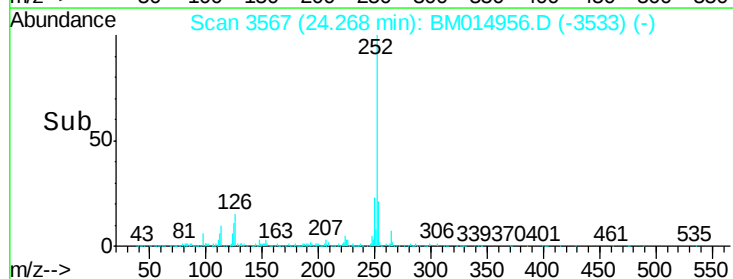
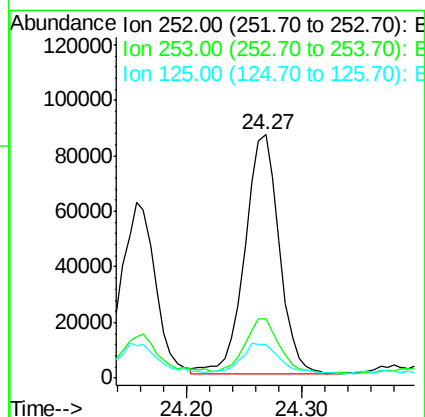
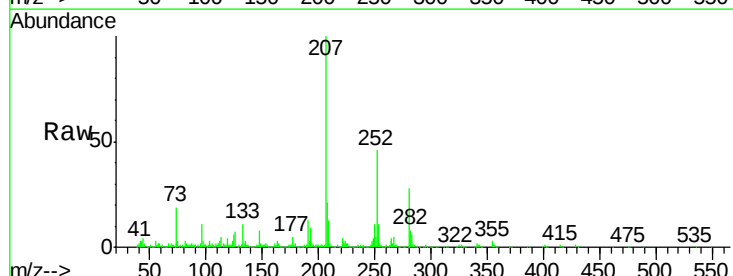
Instrument :
BNA_M
ClientSampled :

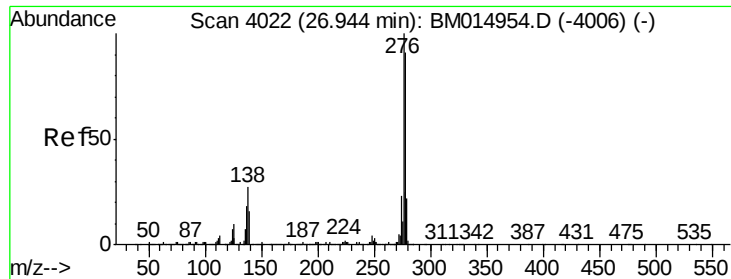
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	15.2	3.4	5.2#



#88
Benzo(a)pyrene
Concen: 1.883 ng/ul
RT: 24.27 min Scan# 3567
Delta R.T. 0.00 min
Lab File: BM014956.D
Acq: 03 May 2018 23:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.2
125	13.9	4.0	6.0#



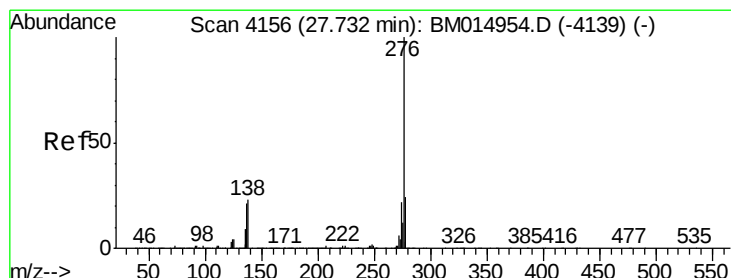
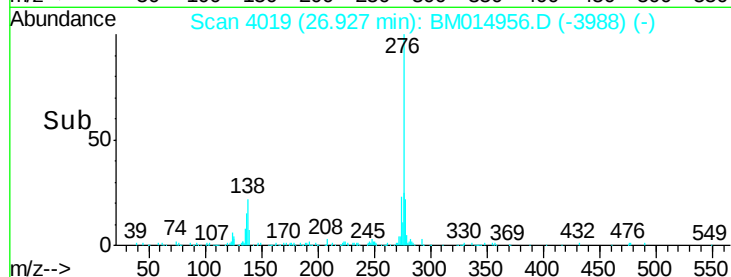
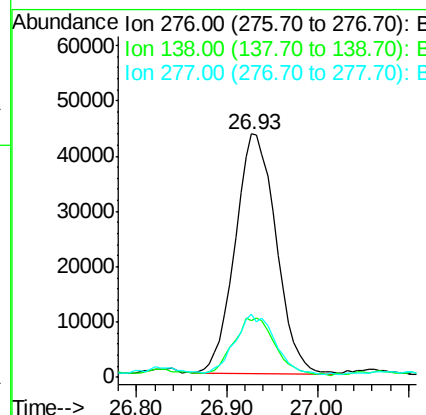
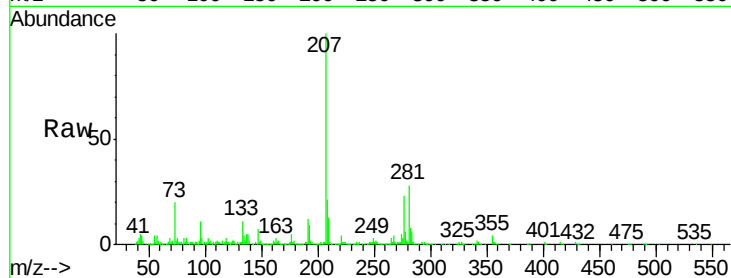


#89

Indeno(1,2,3-cd)pyrene
Concen: 1.184 ng/ul
RT: 26.93 min Scan# 4019
Delta R.T. -0.02 min
Lab File: BM014956.D
Acq: 03 May 2018 23:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.3	9.3	13.9#
277	26.1	19.9	29.9



#91

Benzo(g,h,i)perylene
Concen: 1.329 ng/ul
RT: 27.72 min Scan# 4154
Delta R.T. -0.01 min
Lab File: BM014956.D
Acq: 03 May 2018 23:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.1	8.5	12.7#
277	25.9	18.6	28.0

