

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
 Data File : BM014562.D
 Acq On : 14 Mar 2018 02:41
 Operator : SJ/JU
 Sample : J1835-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6F01

Quant Time: Mar 14 03:58:27 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 14 02:08:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	107059	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	477172	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.15	164	265361	20.00	ng/ul	0.01
61) Phenanthrene-d10	16.92	188	542838	20.00	ng/ul	0.01
75) Chrysene-d12	21.14	240	354095	20.00	ng/ul	0.01
83) Perylene-d12	23.31	264	326700	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	6141	2.46	ng/uL	0.00
5) Phenol-d5	6.70	99	183353	20.26	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.83	67	111799	20.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	153951	22.19	ng/ul	0.01
13) 4-Methylphenol-d8	8.23	113	142623	18.01	ng/ul	0.02
19) Nitrobenzene-d5	8.65	128	82380	23.36	ng/ul	0.01
22) 2-Nitrophenol-d4	9.36	143	85097	23.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	157148	20.79	ng/ul	0.02
29) 4-Chloroaniline-d4	10.43	131	109507	14.70	ng/ul	0.01
43) Dimethylphthalate-d6	13.57	166	551795	25.18	ng/ul	0.00
46) Acenaphthylene-d8	13.84	160	663226	24.54	ng/ul	0.01
51) 4-Nitrophenol-d4	14.47	143	40039	13.23	ng/ul	0.01
57) Fluorene-d10	15.16	176	433993	22.11	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.36	200	4990	1.53	ng/ul	0.02
70) Anthracene-d10	17.02	188	610064	23.29	ng/ul	0.01
76) Pyrene-d10	19.33	212	514873	28.19	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.18	264	374026	23.52	ng/ul	0.02

Target Compounds

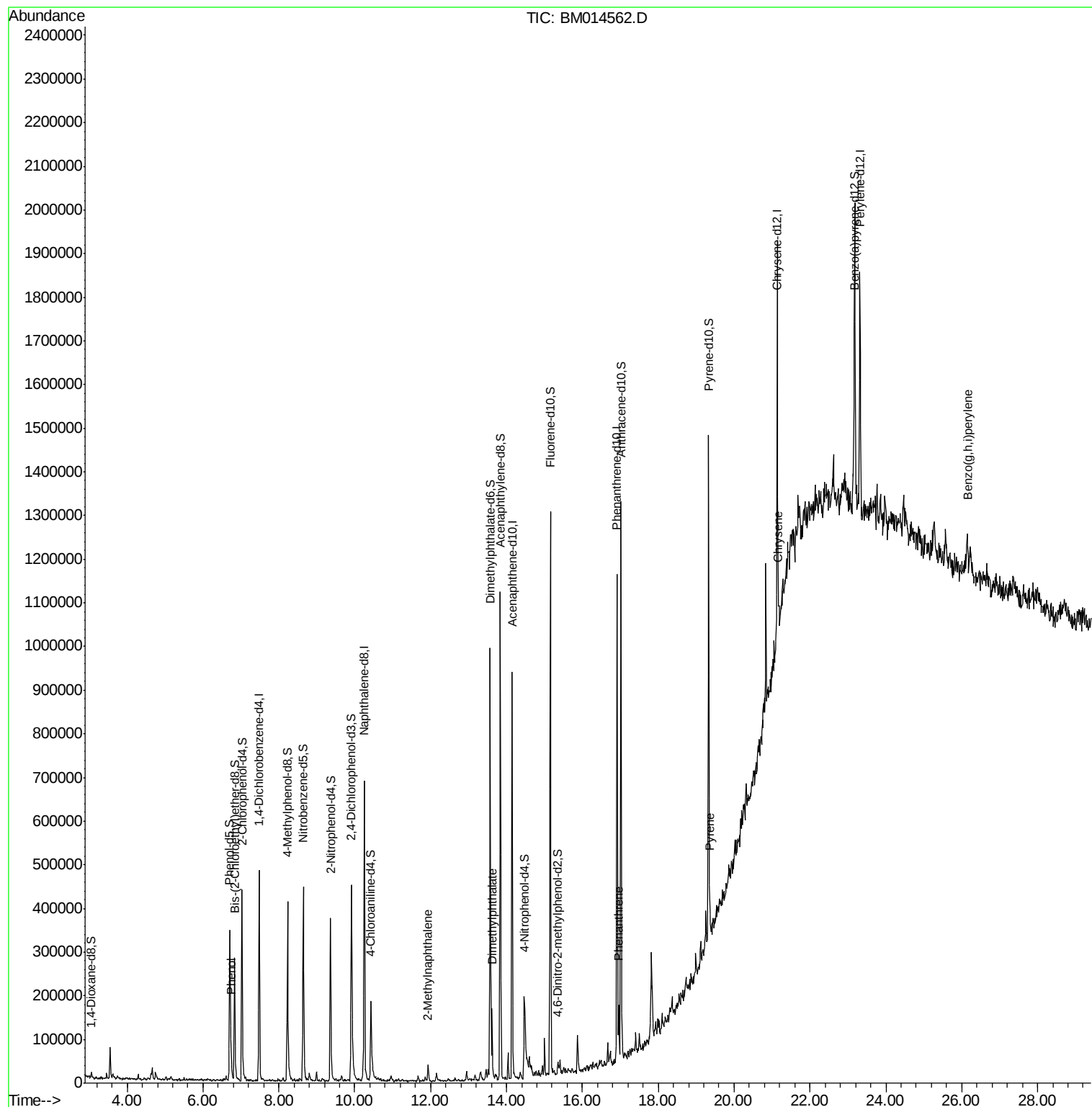
					Ovalue
6) Phenol	6.74	94	15290	1.610 ng/ul	96
34) 2-Methylnaphthalene	11.93	142	19854	1.064 ng/ul	88
44) Dimethylphthalate	13.62	163	81387	3.766 ng/ul	100
69) Phenanthrene	16.96	178	60786	1.944 ng/ul	95
77) Pyrene	19.36	202	49316	2.096 ng/ul#	88
82) Chrysene	21.17	228	26492	1.285 ng/ul#	89
91) Benzo(a,h,i)perylene	26.16	276	32325	2.104 ng/ul#	88

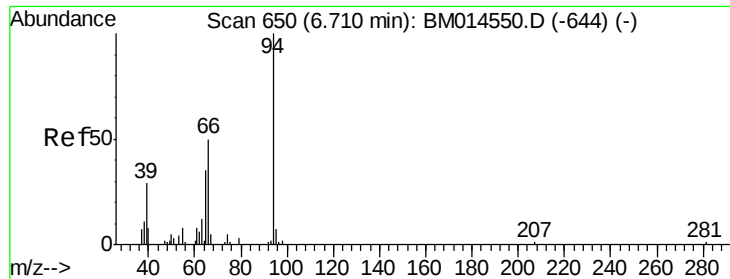
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.610 ng/ul

RT: 6.74 min Scan# 655

Delta R.T. 0.03 min

Lab File: BM014562.D

Acq: 14 Mar 2018 02:41

Instrument :

BNA_M

ClientSampled :

F6F01

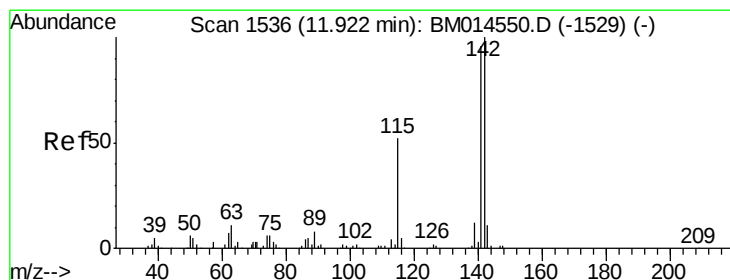
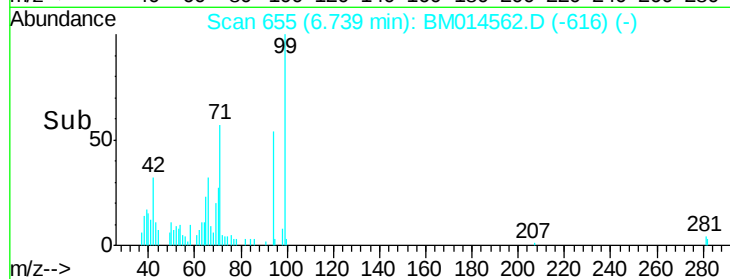
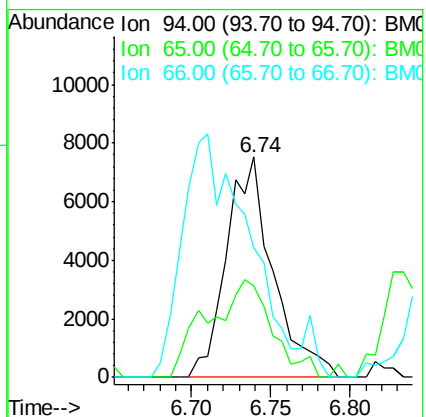
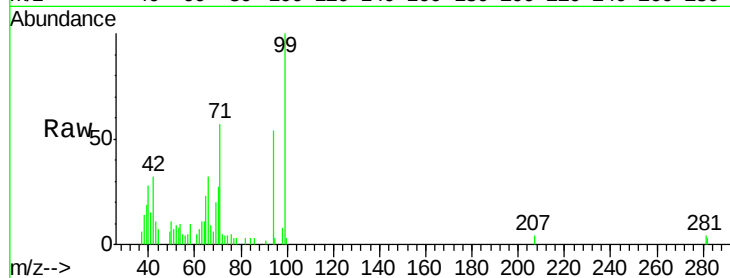
Tot Ion: 94 Resp: 15290

Ion Ratio Lower Upper

94 100

65 41.8 28.2 42.4

66 59.1 47.2 70.8



#34

2-Methylnaphthalene

Concen: 1.064 ng/ul

RT: 11.93 min Scan# 1538

Delta R.T. 0.01 min

Lab File: BM014562.D

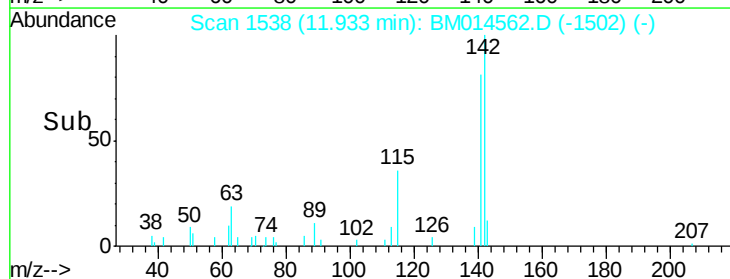
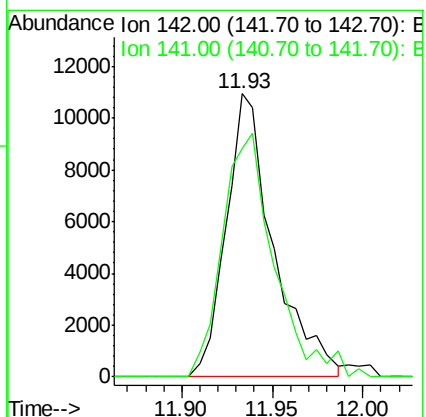
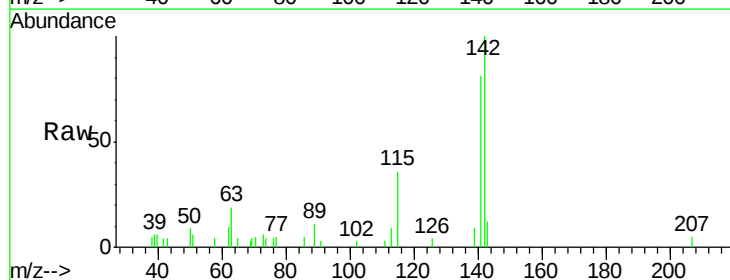
Acq: 14 Mar 2018 02:41

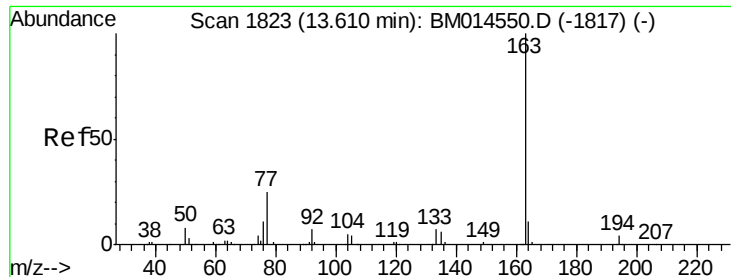
Tgt Ion: 142 Resp: 19854

Ion Ratio Lower Upper

142 100

141 80.9 74.1 111.1

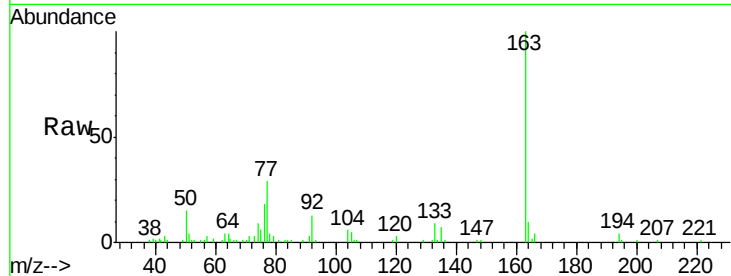




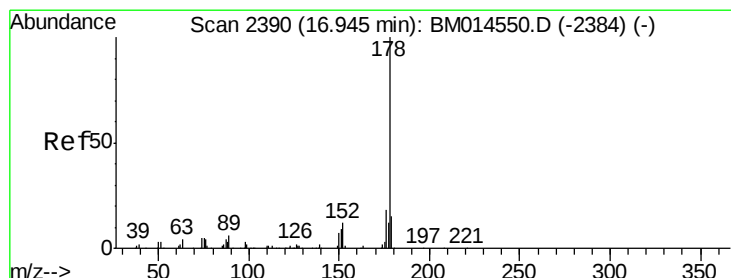
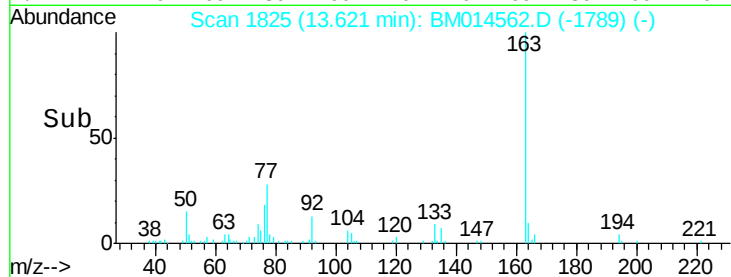
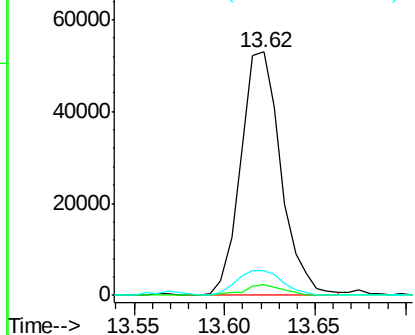
#44
Dimethylphthalate
Concen: 3.766 ng/ul
RT: 13.62 min Scan# 1825
Delta R.T. 0.01 min
Lab File: BM014562.D
Acq: 14 Mar 2018 02:41

Instrument :
BNA_M
ClientSampleId :
F6F01

Tot Ion:163 Resp: 81387
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.2 8.2 12.4

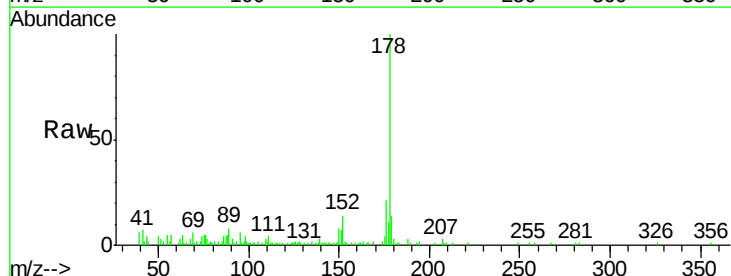


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

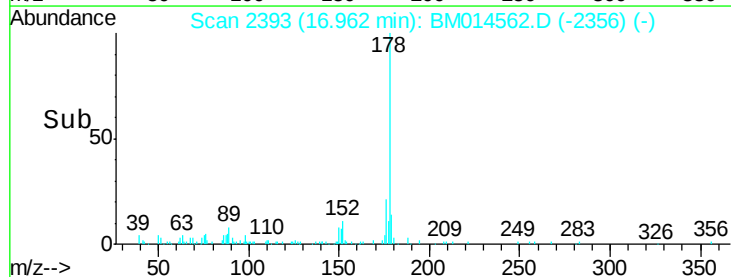
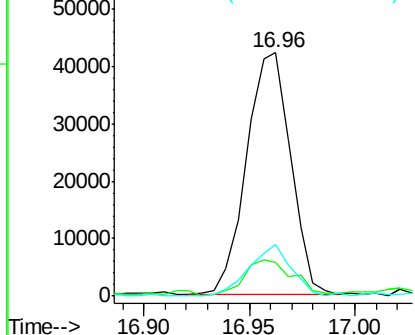


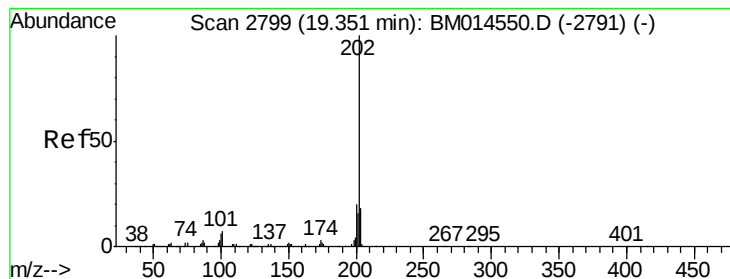
#69
Phenanthrene
Concen: 1.944 ng/ul
RT: 16.96 min Scan# 2393
Delta R.T. 0.02 min
Lab File: BM014562.D
Acq: 14 Mar 2018 02:41

Tgt Ion:178 Resp: 60786
Ion Ratio Lower Upper
178 100
179 13.8 12.6 19.0
176 21.2 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





#77

Pvrene

Concen: 2.096 ng/ul

RT: 19.36 min Scan# 2801

Delta R.T. 0.01 min

Lab File: BM014562.D

Acq: 14 Mar 2018 02:41

Instrument :

BNA_M

ClientSampleId :

F6F01

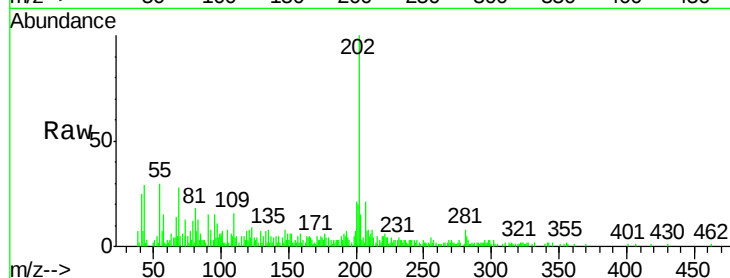
Tot Ion:202 Resp: 49316

Ion Ratio Lower Upper

202 100

101 9.4 5.1 7.7#

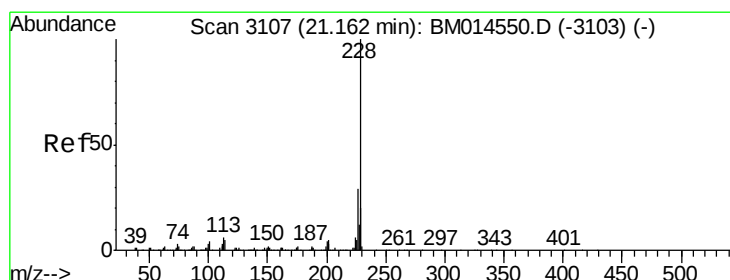
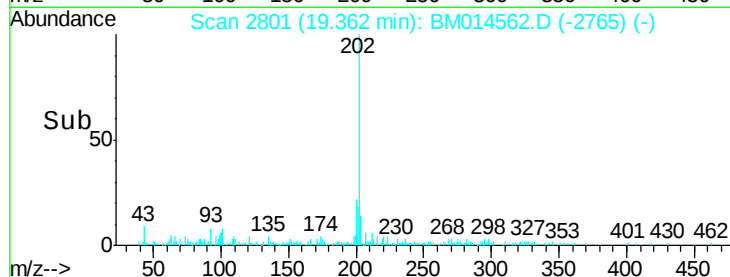
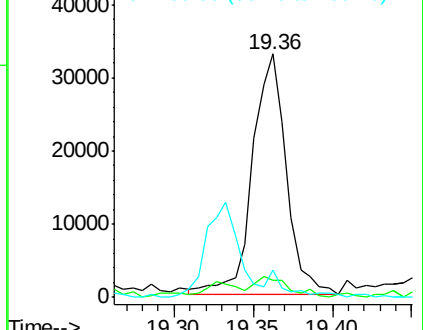
100 11.4 4.9 7.3#



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



#82

Chrysene

Concen: 1.285 ng/ul

RT: 21.17 min Scan# 3109

Delta R.T. 0.01 min

Lab File: BM014562.D

Acq: 14 Mar 2018 02:41

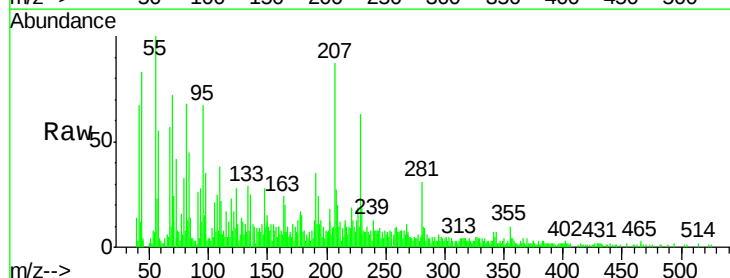
Tgt Ion:228 Resp: 26492

Ion Ratio Lower Upper

228 100

226 30.5 23.4 35.2

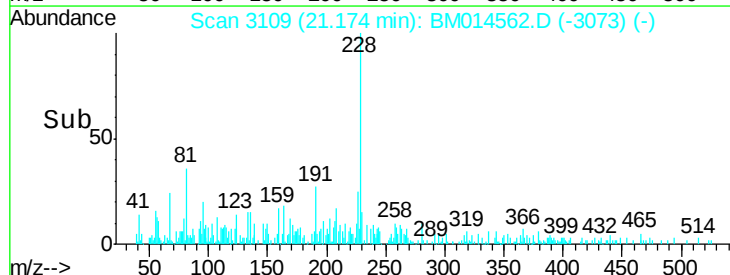
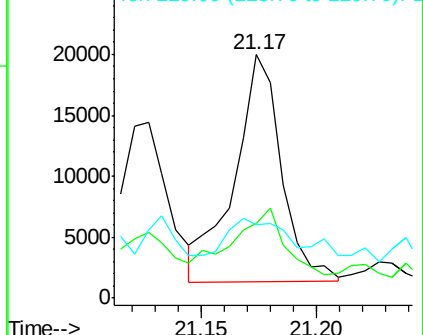
229 29.9 15.5 23.3#

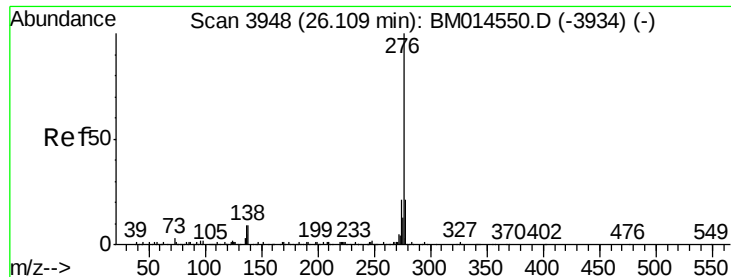


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#91

Benzo(a,h,i)perylene

Concen: 2.104 ng/ul

RT: 26.16 min Scan# 3956

Delta R.T. 0.05 min

Lab File: BM014562.D

Acq: 14 Mar 2018 02:41

Instrument :

BNA_M

ClientSampleId :

F6F01

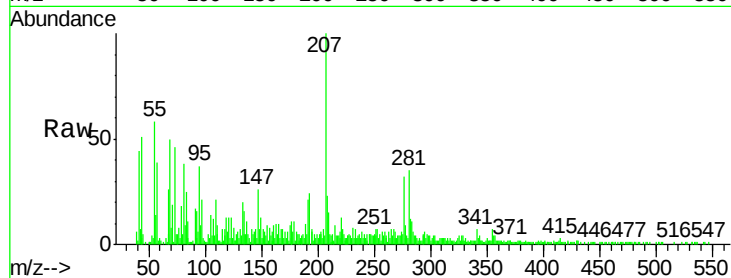
Tot Ion:276 Resp: 32325

Ion Ratio Lower Upper

276 100

138 16.5 8.5 12.7#

277 28.6 18.6 28.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

