

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080416\
 Data File : BM006890.D
 Acq On : 05 Aug 2016 07:14
 Operator : UM/SJ
 Sample : H4224-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJL9

Quant Time: Aug 05 07:49:31 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 05 02:18:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	284803	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	1185877	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	691325	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	1640700	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	1913658	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	1853369	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.11	96	8781	1.70	ng/uL	0.00
5) Phenol-d5	6.79	99	310749	14.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	217457	15.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	270939	16.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	244998	14.37	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	120187	14.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	137810	14.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	225796	11.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	263933	12.80	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	966222	16.97	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	1118635	16.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	38764	3.10	ng/ul	0.04
57) Fluorene-d10	15.22	176	849332	16.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	82558	7.71	ng/ul	0.00
70) Anthracene-d10	17.07	188	1357822	17.23	ng/ul	0.00
76) Pyrene-d10	19.38	212	1681964	17.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	1597135	17.70	ng/ul	0.00

Target Compounds

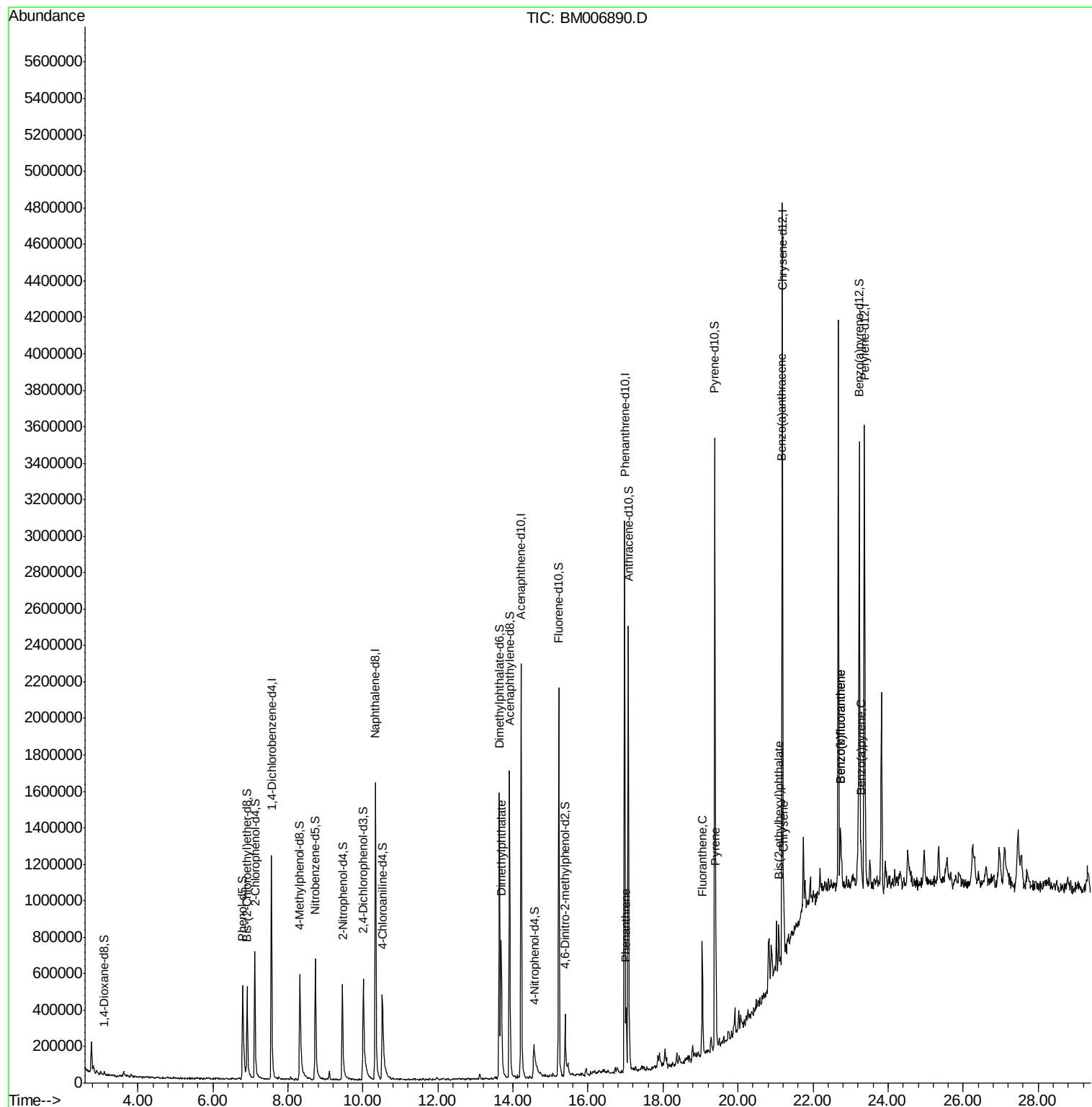
						Qvalue
44) Dimethylphthalate	13.69	163	433932	7.67	ng/ul	98
69) Phenanthrene	17.02	178	177601	1.96	ng/ul#	95
74) Fluoranthene	19.05	202	389834	3.36	ng/ul#	96
77) Pyrene	19.41	202	367708	2.92	ng/ul#	94
80) Benzo(a)anthracene	21.17	228	183362	1.57	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.09	149	75114	1.26	ng/ul	99
82) Chrysene	21.22	228	181474	1.77	ng/ul	97
85) Benzo(b)fluoranthene	22.73	252	197625	1.69	ng/ul#	91
86) Benzo(k)fluoranthene	22.73	252	197625	1.73	ng/ul#	92
88) Benzo(a)pyrene	23.27	252	151196	1.36	ng/ul#	94

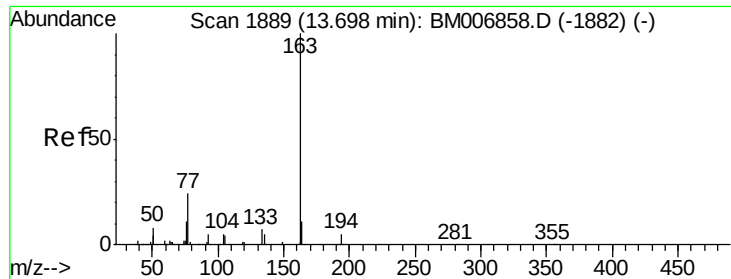
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080416\
Data File : BM006890.D
Acq On : 05 Aug 2016 07:14
Operator : UM/SJ
Sample : H4224-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BDJL9

Quant Time: Aug 05 07:49:31 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 05 02:18:21 2016
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 7.67 ng/ul

RT: 13.69 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BM006890.D

Acq: 05 Aug 2016 07:14

Instrument :

BNA_M

ClientSampleId :

BDJL9

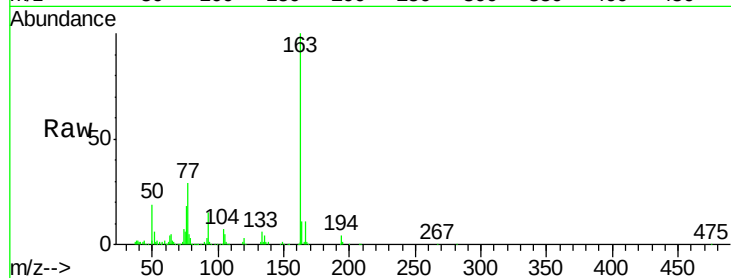
Tgt Ion:163 Resp: 433932

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

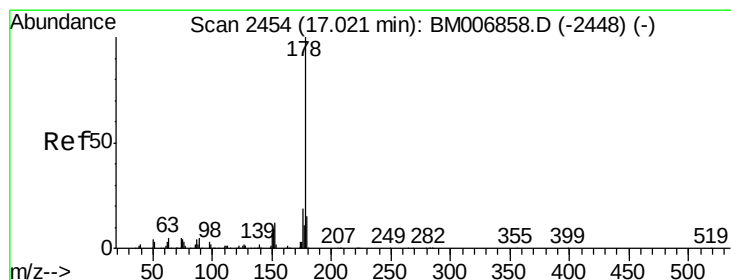
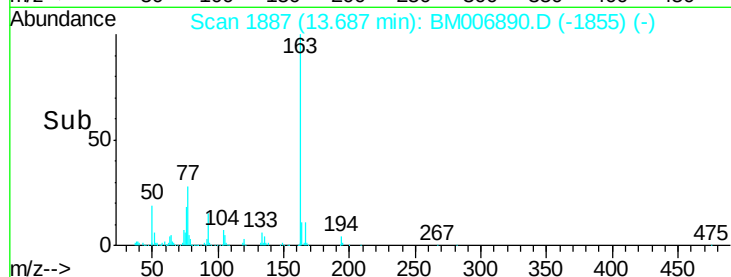
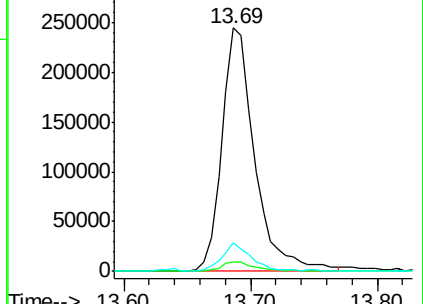
164 11.5 8.6 12.8



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: 1.96 ng/ul

RT: 17.02 min Scan# 2453

Delta R.T. -0.01 min

Lab File: BM006890.D

Acq: 05 Aug 2016 07:14

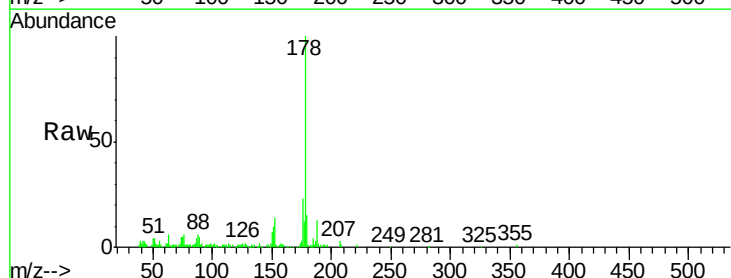
Tgt Ion:178 Resp: 177601

Ion Ratio Lower Upper

178 100

179 14.9 12.2 18.2

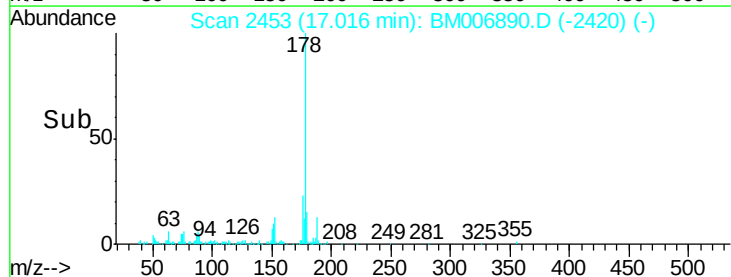
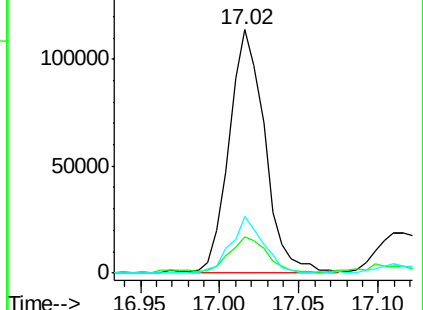
176 23.1 15.2 22.8#

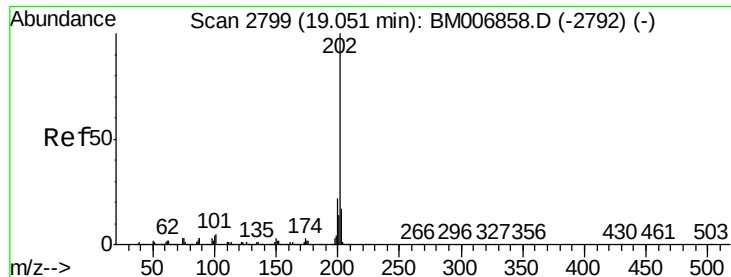


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 3.36 ng/ul

RT: 19.05 min Scan# 2798

Delta R.T. -0.01 min

Lab File: BM006890.D

Acq: 05 Aug 2016 07:14

Instrument :

BNA_M

ClientSampleId :

BDJL9

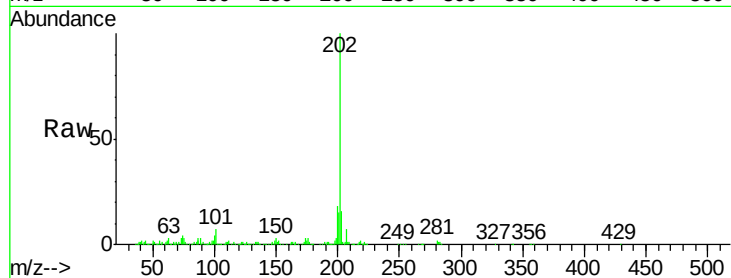
Tgt Ion:202 Resp: 389834

Ion Ratio Lower Upper

202 100

101 7.0 4.1 6.1#

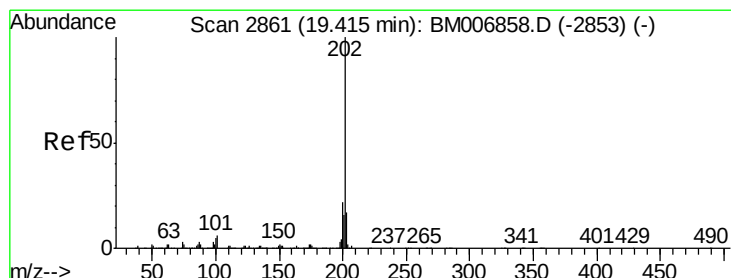
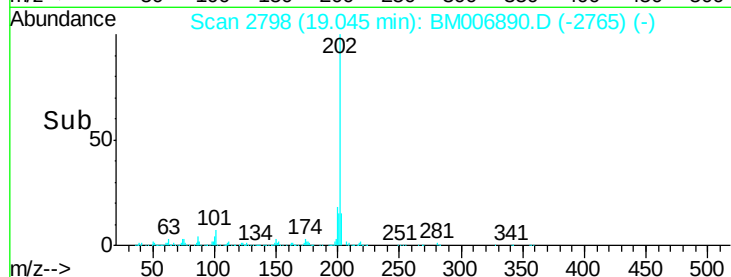
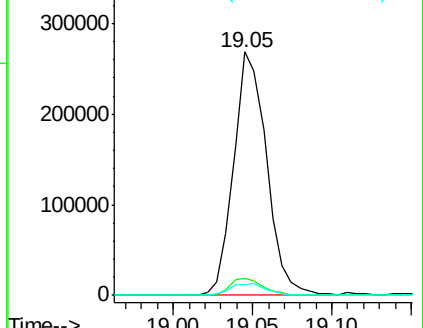
100 4.1 3.0 4.6



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

Pyrene

Concen: 2.92 ng/ul

RT: 19.41 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BM006890.D

Acq: 05 Aug 2016 07:14

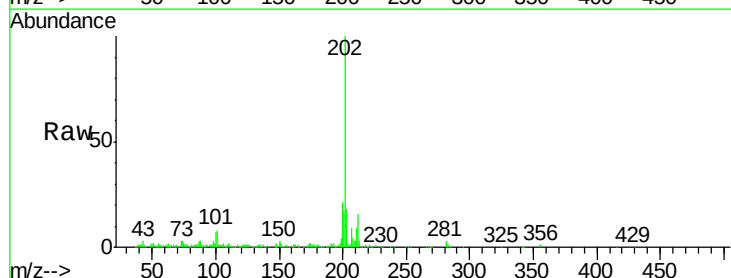
Tgt Ion:202 Resp: 367708

Ion Ratio Lower Upper

202 100

101 7.8 4.6 6.8#

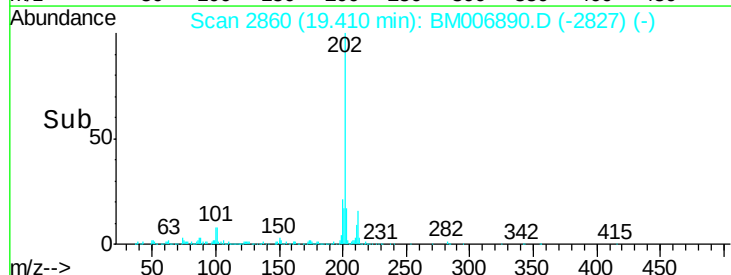
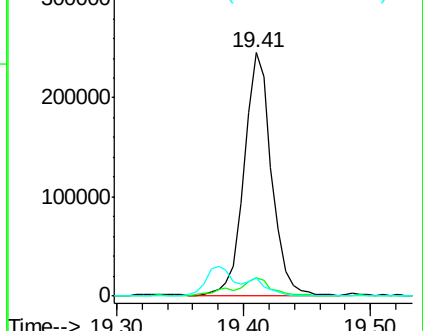
100 7.5 4.5 6.7#

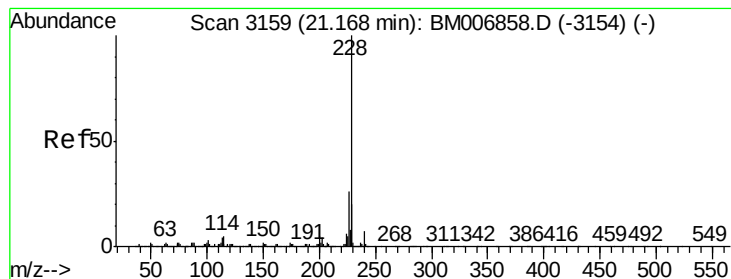


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.57 ng/ul

RT: 21.17 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BM006890.D

Acq: 05 Aug 2016 07:14

Instrument :

BNA_M

ClientSampleId :

BDJL9

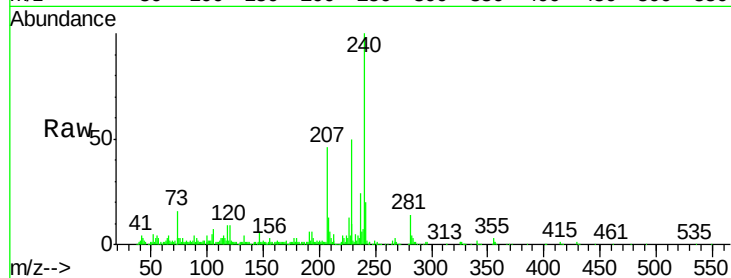
Tgt Ion:228 Resp: 183362

Ion Ratio Lower Upper

228 100

229 19.9 15.7 23.5

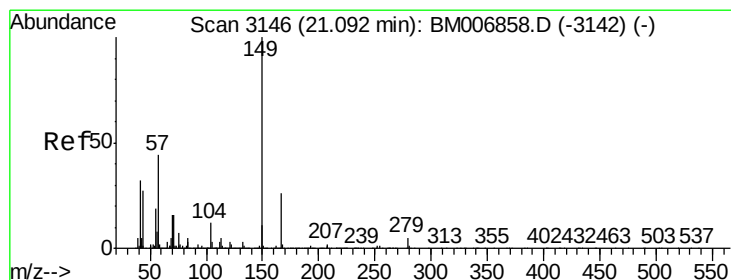
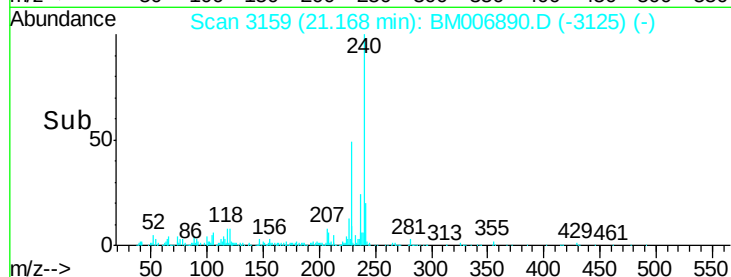
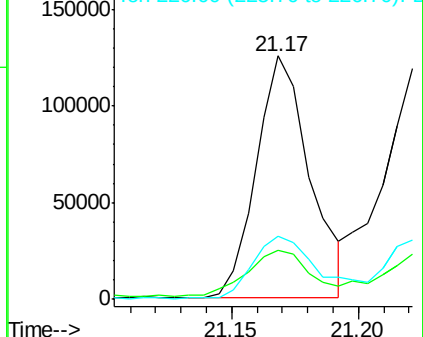
226 25.8 21.3 31.9



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



#81

Bis(2-ethylhexyl)phthalate

Concen: 1.26 ng/ul

RT: 21.09 min Scan# 3146

Delta R.T. 0.00 min

Lab File: BM006890.D

Acq: 05 Aug 2016 07:14

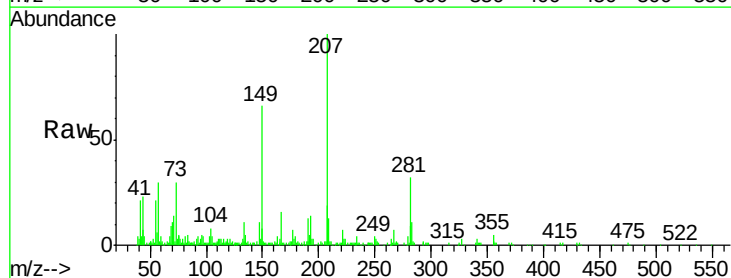
Tgt Ion:149 Resp: 75114

Ion Ratio Lower Upper

149 100

167 24.8 20.1 30.1

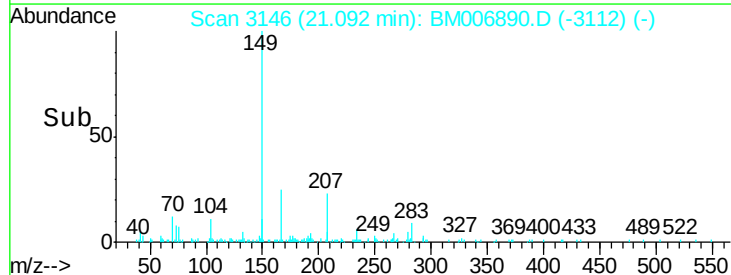
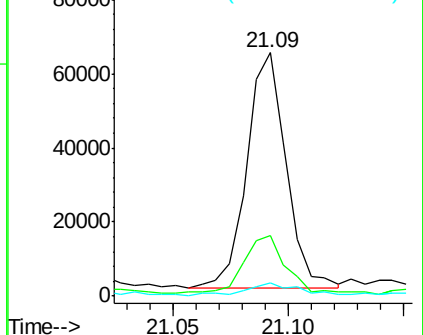
279 5.4 4.2 6.2

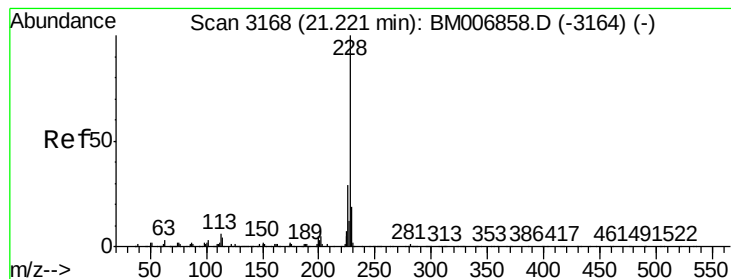


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 1.77 ng/ul

RT: 21.22 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BM006890.D

Acq: 05 Aug 2016 07:14

Instrument :

BNA_M

ClientSampleId :

BDJL9

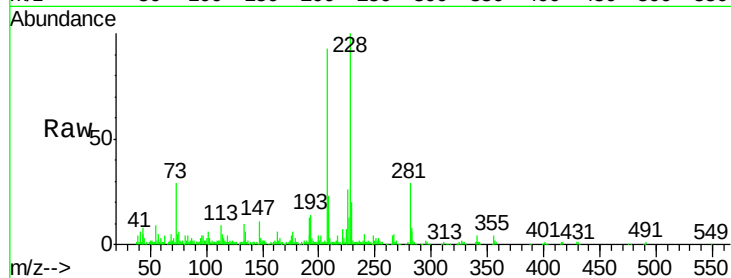
Tgt Ion:228 Resp: 181474

Ion Ratio Lower Upper

228 100

226 26.0 22.8 34.2

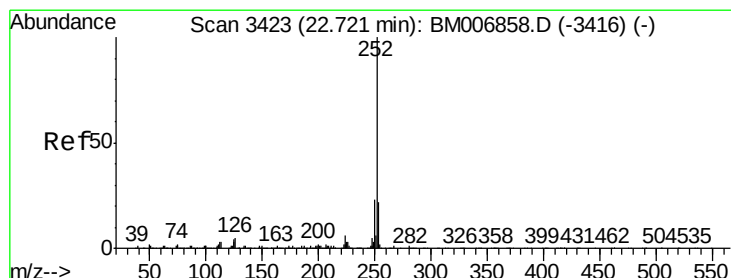
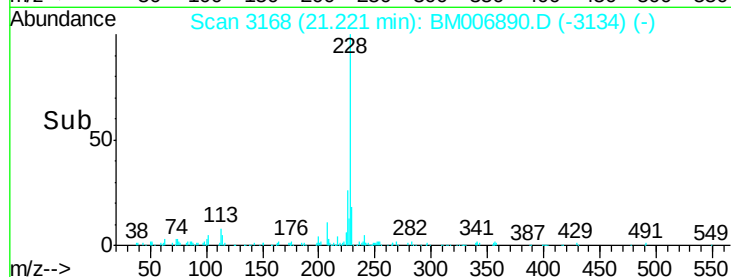
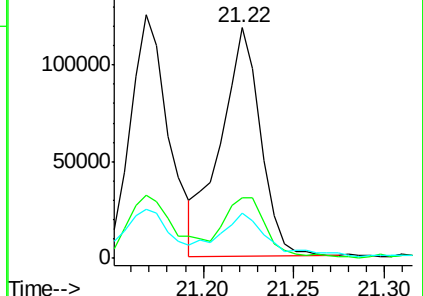
229 19.6 15.4 23.2



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: 1.69 ng/ul

RT: 22.73 min Scan# 3424

Delta R.T. 0.01 min

Lab File: BM006890.D

Acq: 05 Aug 2016 07:14

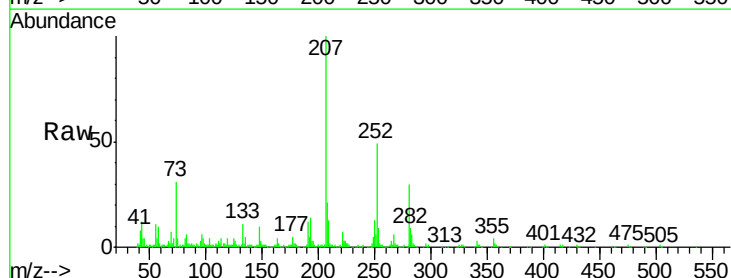
Tgt Ion:252 Resp: 197625

Ion Ratio Lower Upper

252 100

253 18.8 18.1 27.1

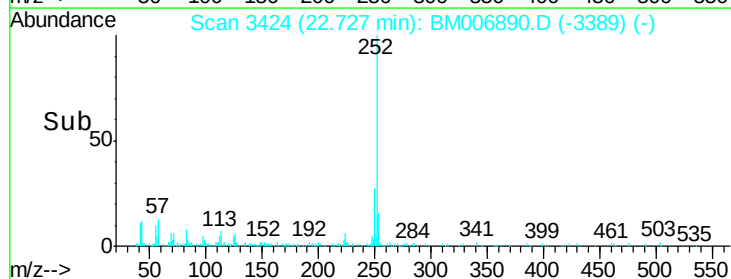
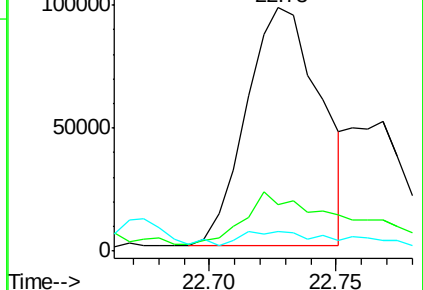
125 7.9 2.9 4.3#

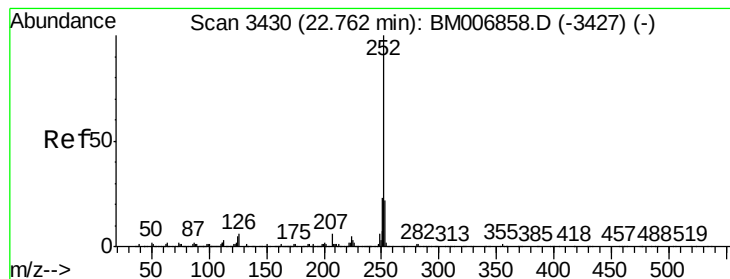


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 1.73 ng/ul

RT: 22.73 min Scan# 3424

Delta R.T. -0.04 min

Lab File: BM006890.D

Acq: 05 Aug 2016 07:14

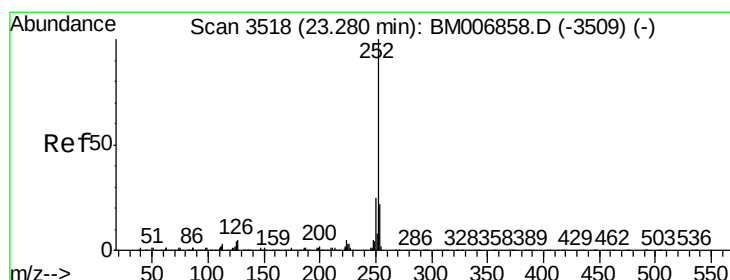
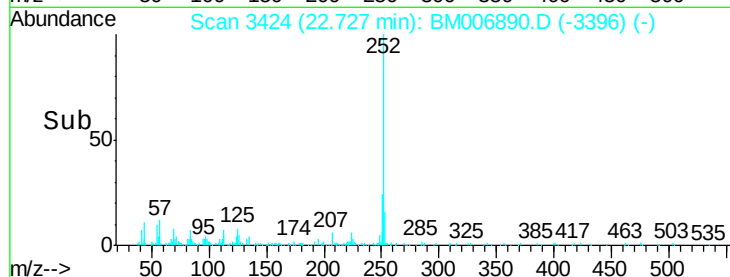
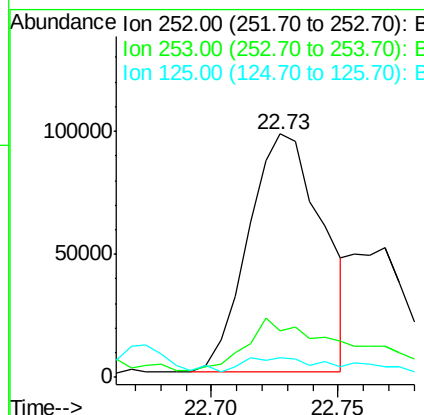
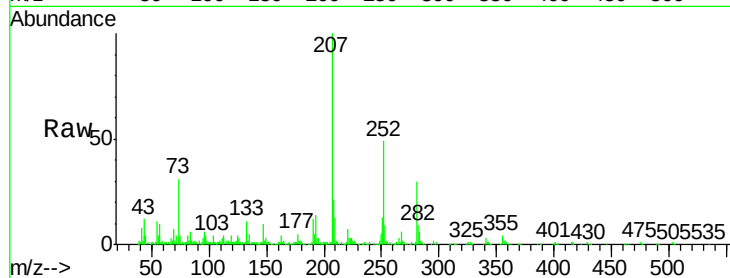
Instrument :

BNA_M

ClientSampleId :

BDJL9

Tgt Ion:	252	Resp:	197625
Ion Ratio	Lower	Upper	
252	100		
253	18.8	17.7	26.5
125	7.9	3.0	4.6#



#88

Benzo(a)pyrene

Concen: 1.36 ng/ul

RT: 23.27 min Scan# 3517

Delta R.T. -0.01 min

Lab File: BM006890.D

Acq: 05 Aug 2016 07:14

Tgt Ion:	252	Resp:	151196
Ion Ratio	Lower	Upper	
252	100		
253	25.1	18.2	27.4
125	8.7	2.9	4.3#

