

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073115\
 Data File : BM002159.D
 Acq On : 31 Jul 2015 16:53
 Operator : TP/UM
 Sample : G3065-20
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02L2

Quant Time: Aug 01 02:21:53 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 02:15:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	56241	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	226135	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	135885	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	308990	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	362167	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	368858	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	1689	1.55	ng/uL	0.00
5) Phenol-d5	6.76	99	31603	7.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	21637	9.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	30924	9.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	9501	2.97	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	15637	9.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	17321	9.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	27183	7.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	14324	3.79	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	95978	9.64	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	107554	8.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	5399	3.25	ng/ul	0.00
58) Fluorene-d10	15.24	176	78158	8.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.38	200	4405	2.33	ng/ul	0.00
71) Anthracene-d10	17.09	188	111940	8.12	ng/ul	0.00
79) Pyrene-d10	19.40	212	133506	8.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	150613	8.42	ng/ul	0.00

Target Compounds

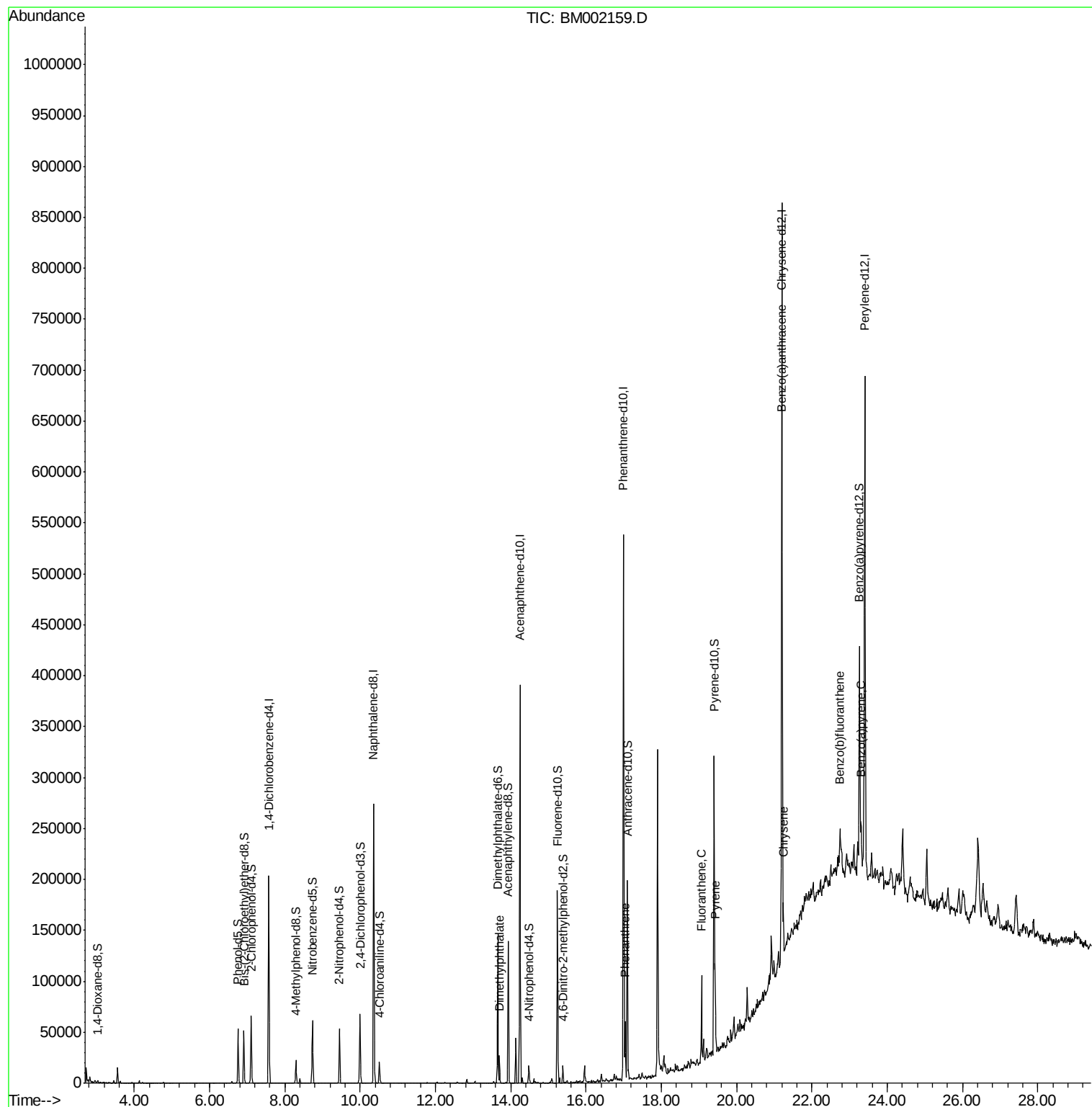
						Ovalue
45) Dimethylphthalate	13.70	163	18328	1.84	ng/ul	98
70) Phenanthrene	17.03	178	35322	2.21	ng/ul	99
77) Fluoranthene	19.06	202	48655	2.63	ng/ul	100
80) Pyrene	19.43	202	54463	2.76	ng/ul	98
83) Benzo(a)anthracene	21.19	228	28423	1.42	ng/ul	99
85) Chrysene	21.24	228	27117	1.44	ng/ul	92
88) Benzo(b)fluoranthene	22.74	252	31591	1.52	ng/ul#	88
91) Benzo(a)pyrene	23.30	252	24593	1.23	ng/ul#	79

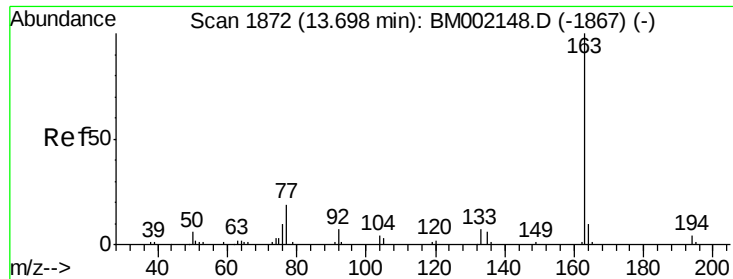
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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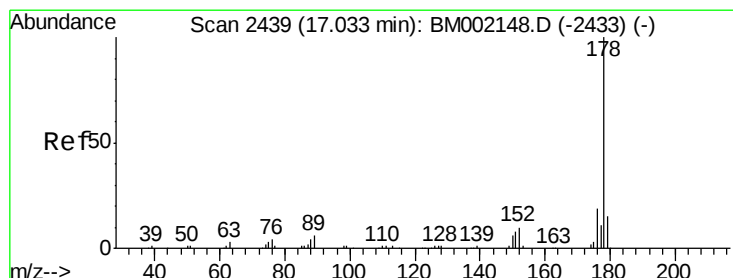
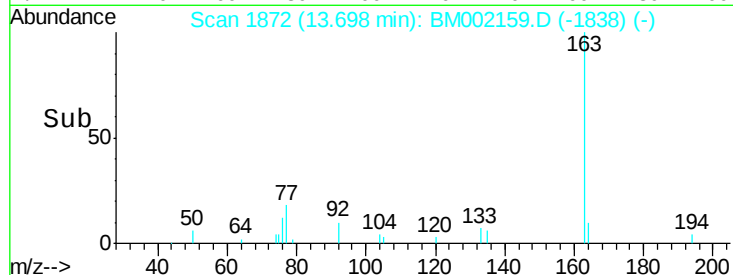
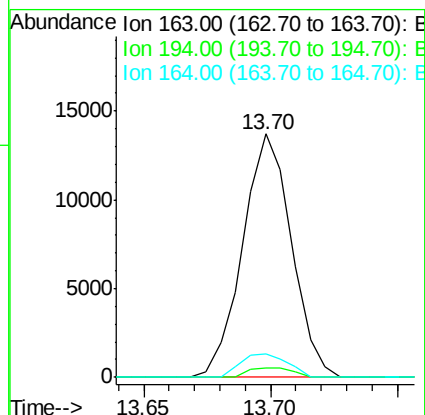
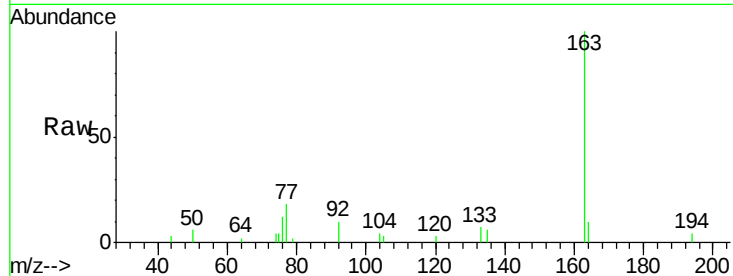




#45
Dimethylphthalate
Concen: 1.84 ng/ul
RT: 13.70 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BM002159.D
Acq: 31 Jul 2015 16:53

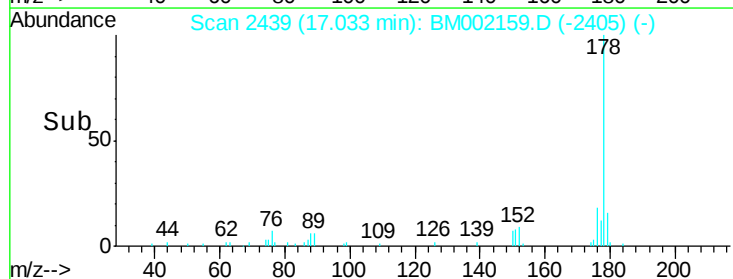
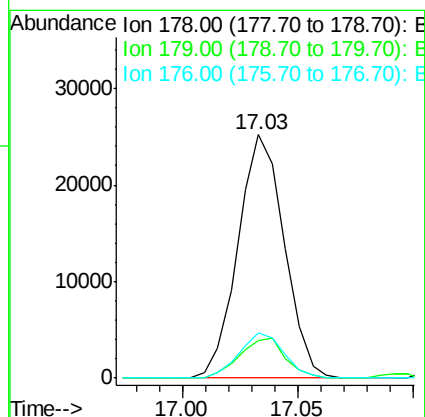
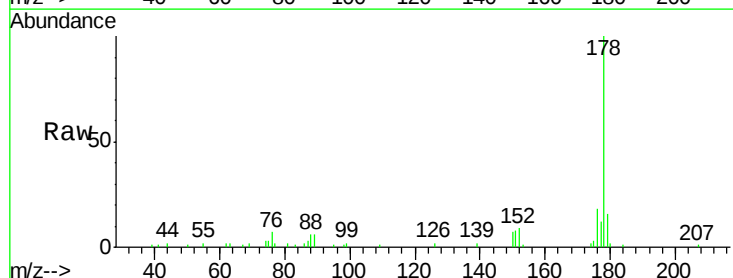
Instrument :
BNA_M
ClientSampleId :
C02L2

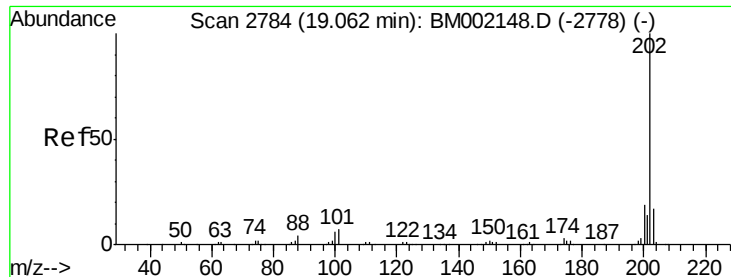
Tot Ion:163 Resp: 18328
Ion Ratio Lower Upper
163 100
194 3.7 3.5 5.3
164 9.5 8.0 12.0



#70
Phenanthrene
Concen: 2.21 ng/ul
RT: 17.03 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BM002159.D
Acq: 31 Jul 2015 16:53

Tgt Ion:178 Resp: 35322
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 18.4 14.2 21.4

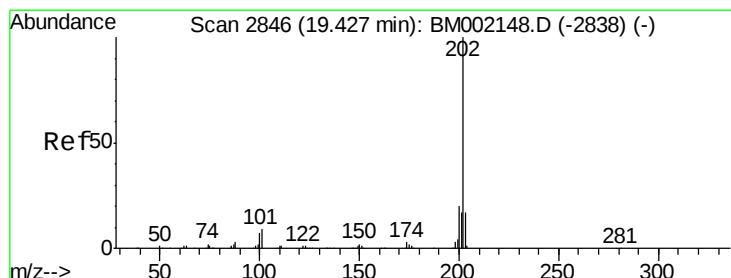
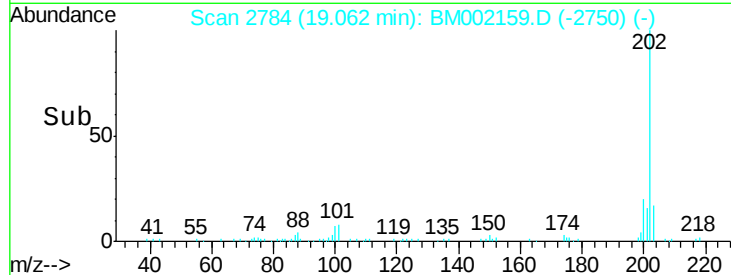
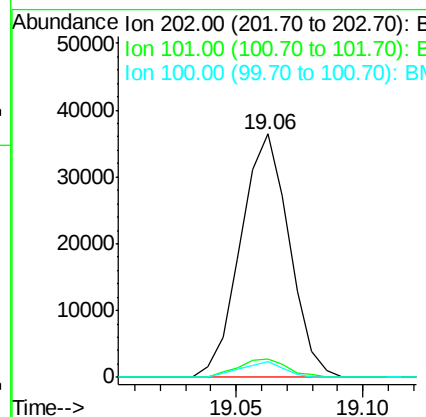
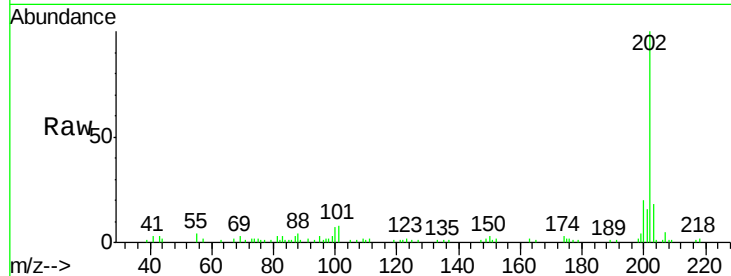




#77
Fluoranthene
 Concen: 2.63 ng/ul
 RT: 19.06 min Scan# 2784
 Delta R.T. 0.00 min
 Lab File: BM002159.D
 Acq: 31 Jul 2015 16:53

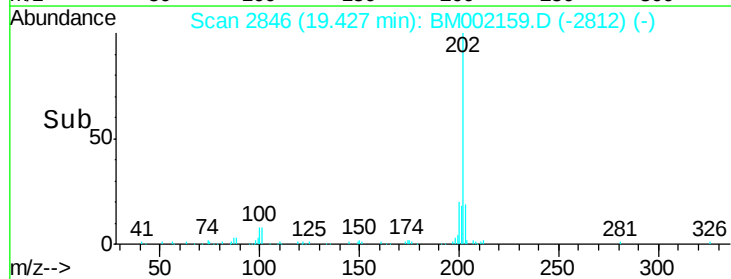
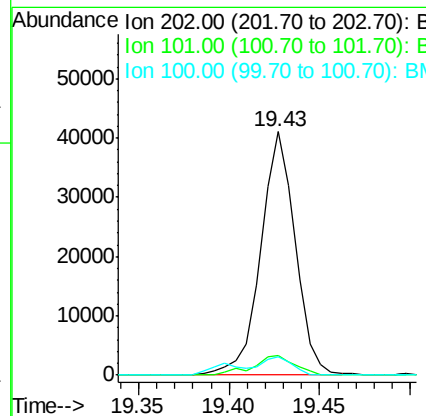
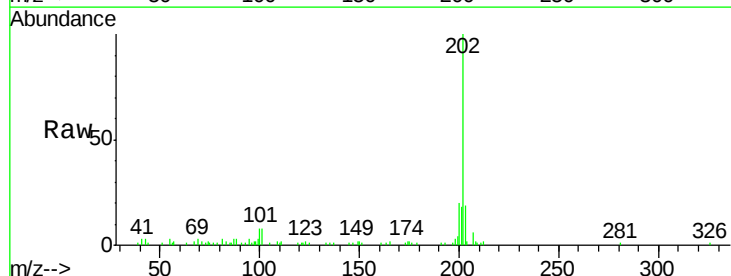
Instrument :
 BNA_M
 ClientSampleId :
 C02L2

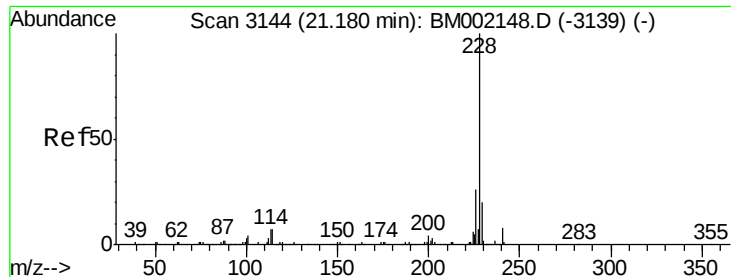
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.8	6.2	9.4
100	6.6	5.2	7.8



#80
Pyrene
 Concen: 2.76 ng/ul
 RT: 19.43 min Scan# 2846
 Delta R.T. 0.00 min
 Lab File: BM002159.D
 Acq: 31 Jul 2015 16:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	7.4	11.2
100	7.5	6.3	9.5





#83

Benzo(a)anthracene

Concen: 1.42 ng/ul

RT: 21.19 min Scan# 3145

Delta R.T. 0.01 min

Lab File: BM002159.D

Acq: 31 Jul 2015 16:53

Instrument :

BNA_M

ClientSampled :

C02L2

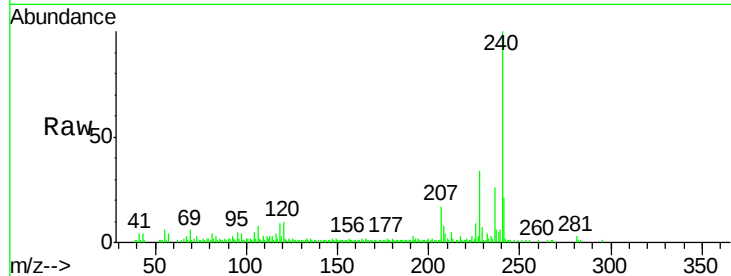
Tot Ion:228 Resp: 28423

Ion Ratio Lower Upper

228 100

229 19.4 15.4 23.2

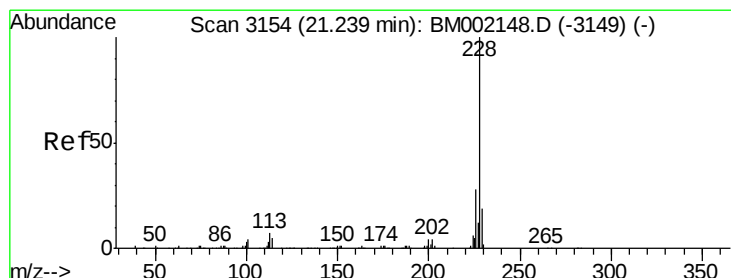
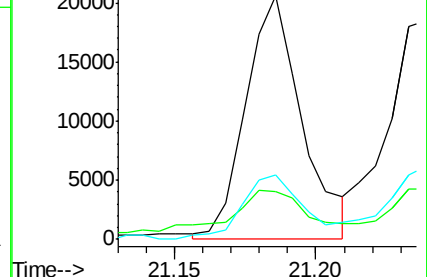
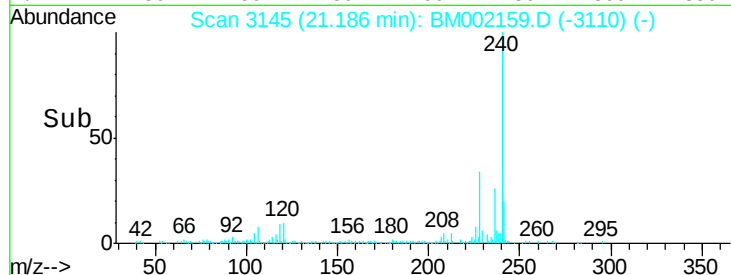
226 26.5 20.5 30.7



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



#85

Chrysene

Concen: 1.44 ng/ul

RT: 21.24 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BM002159.D

Acq: 31 Jul 2015 16:53

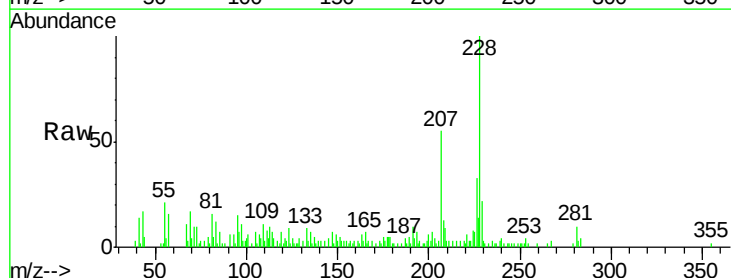
Tgt Ion:228 Resp: 27117

Ion Ratio Lower Upper

228 100

226 32.8 22.3 33.5

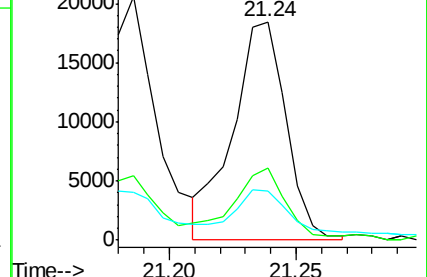
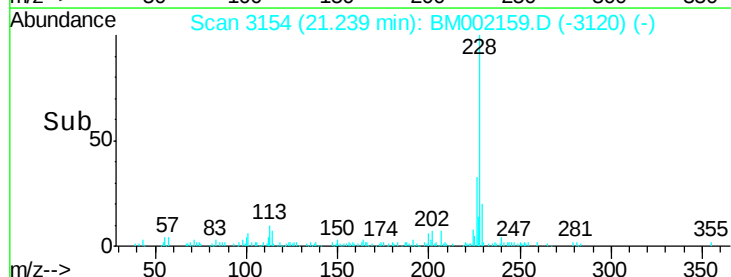
229 22.3 15.5 23.3

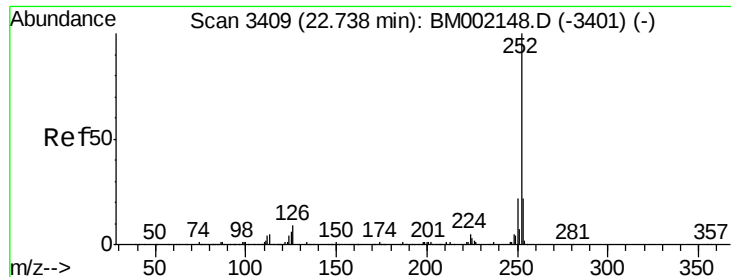


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

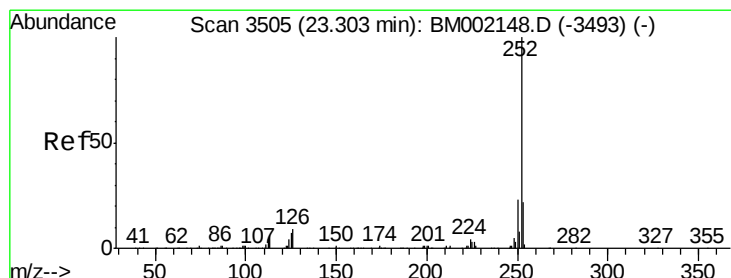
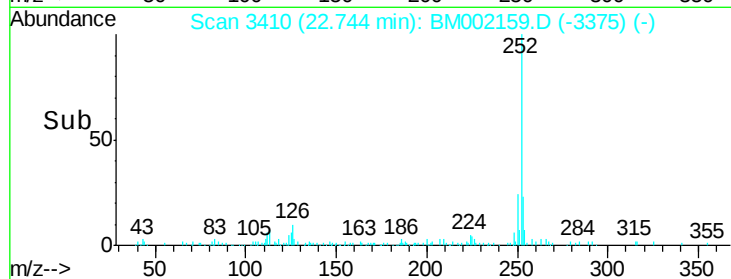
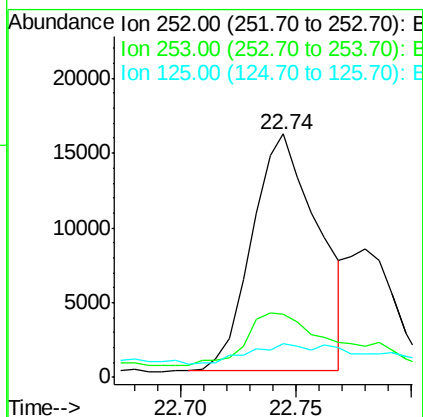
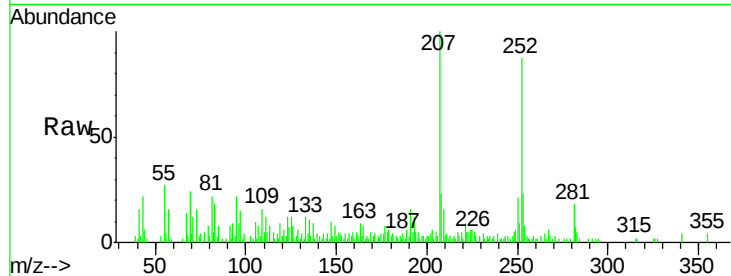




#88
Benzo(b)fluoranthene
Concen: 1.52 ng/ul
RT: 22.74 min Scan# 3410
Delta R.T. 0.01 min
Lab File: BM002159.D
Acq: 31 Jul 2015 16:53

Instrument :
BNA_M
ClientSampled :
C02L2

Tot Ion:252 Resp: 31591
Ion Ratio Lower Upper
252 100
253 26.0 16.9 25.3#
125 13.7 6.2 9.2#



#91
Benzo(a)pyrene
Concen: 1.23 ng/ul
RT: 23.30 min Scan# 3505
Delta R.T. 0.00 min
Lab File: BM002159.D
Acq: 31 Jul 2015 16:53

Tgt Ion:252 Resp: 24593
Ion Ratio Lower Upper
252 100
253 31.5 17.2 25.8#
125 16.2 6.6 10.0#

