

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
 Data File : BM002019.D
 Acq On : 23 Jul 2015 16:46
 Operator : TP/UM
 Sample : G3000-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02B8RE

Quant Time: Jul 24 01:32:50 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 24 01:29:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	78102	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	304519	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	171731	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	366303	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	413127	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	424776	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	1330	0.83	ng/uL	0.00
5) Phenol-d5	6.79	99	29845	4.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	17435	5.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	26331	5.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	14539	2.78	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	12246	5.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	12960	5.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	24563	4.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	19397	3.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	72973	5.27	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	80663	4.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	8353	3.56	ng/ul	0.00
57) Fluorene-d10	15.27	176	60813	5.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	1074	0.45	ng/ul	0.00
70) Anthracene-d10	17.13	188	89940	5.23	ng/ul	0.00
78) Pyrene-d10	19.43	212	95487	5.06	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	87693	4.08	ng/ul	0.00

Target Compounds

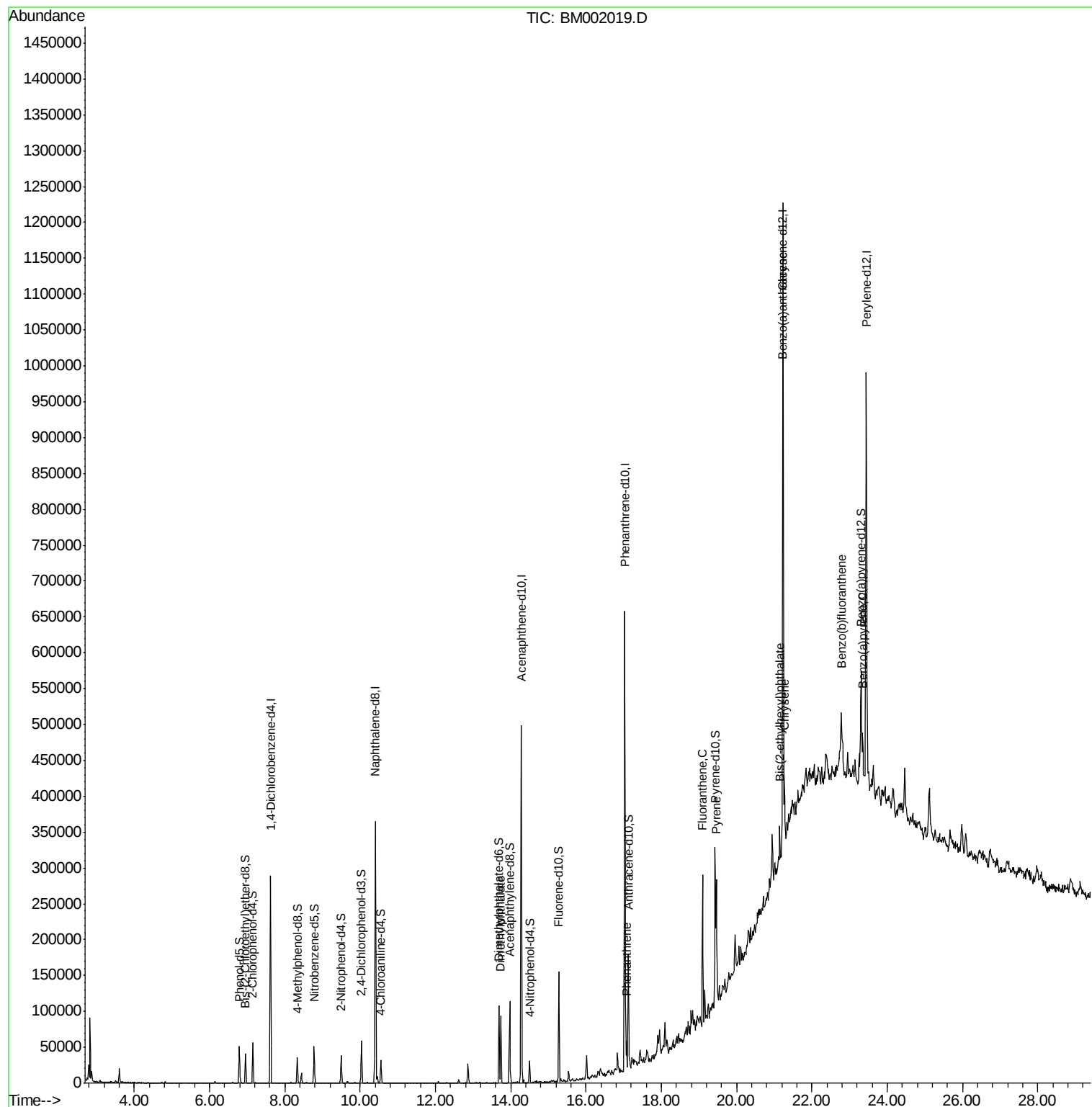
						Qvalue
44) Dimethylphthalate	13.73	163	59052	4.19	ng/ul	99
69) Phenanthrene	17.07	178	24148	1.22	ng/ul	100
76) Fluoranthene	19.09	202	120845	5.21	ng/ul	99
79) Pyrene	19.46	202	104565	4.23	ng/ul	98
82) Benzo(a)anthracene	21.22	228	37439	1.52	ng/ul#	89
83) Bis(2-ethylhexyl)phthalate	21.14	149	16679	1.21	ng/ul#	96
84) Chrysene	21.26	228	51750	2.25	ng/ul#	94
87) Benzo(b)fluoranthene	22.78	252	67438	2.59	ng/ul#	79
90) Benzo(a)pyrene	23.34	252	31684	1.30	ng/ul#	81

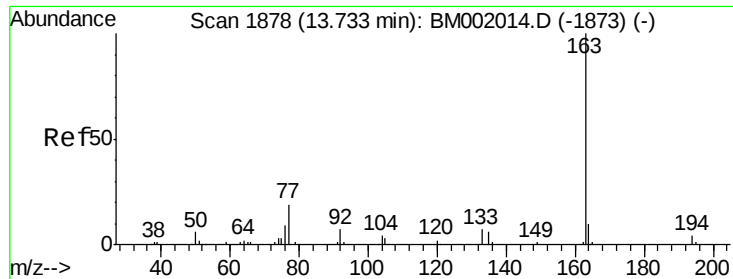
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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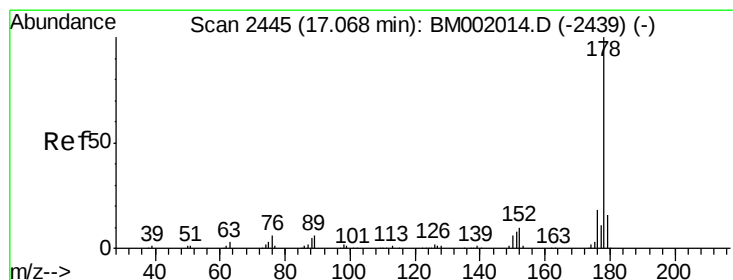
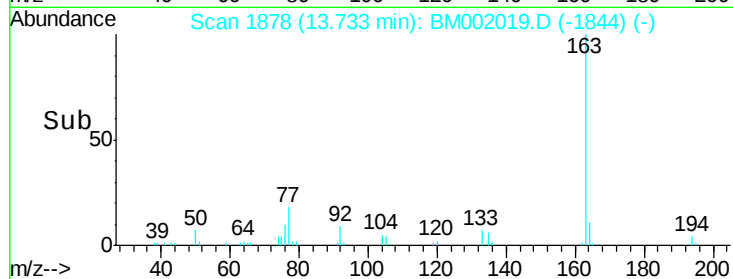
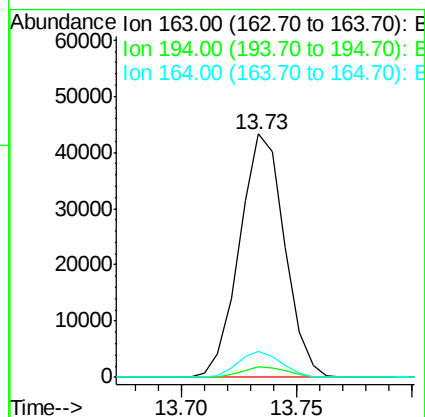
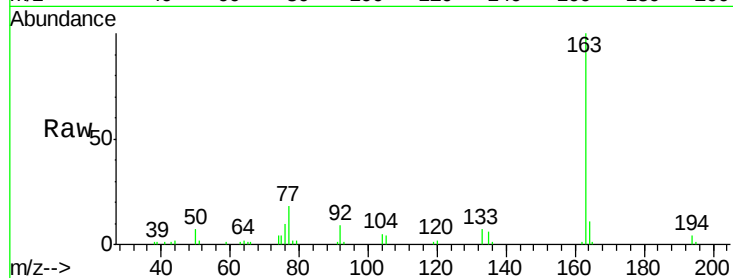




#44
Dimethylphthalate
Concen: 4.19 ng/ul
RT: 13.73 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BM002019.D
Acq: 23 Jul 2015 16:46

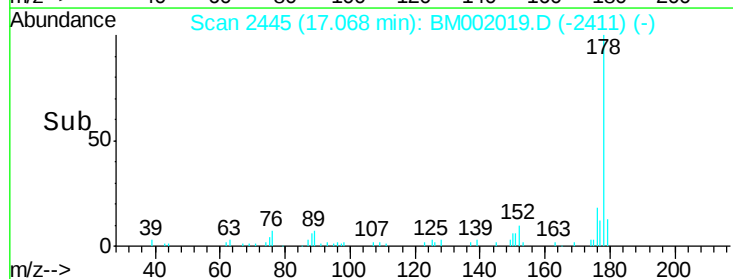
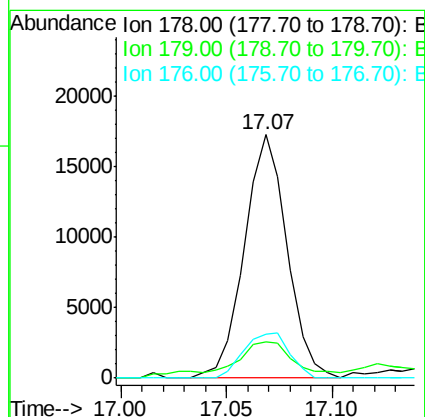
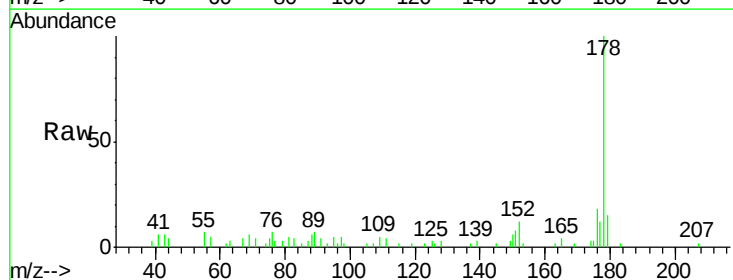
Instrument :
BNA_M
ClientSampleId :
C02B8RE

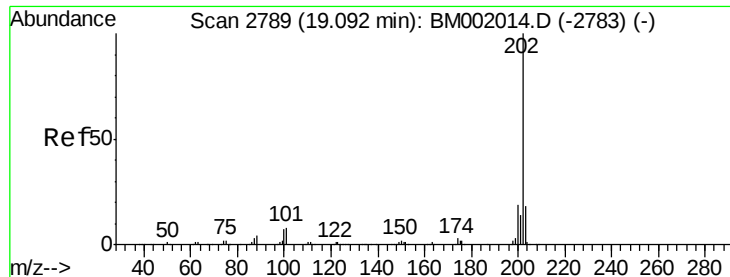
Tgt Ion:163 Resp: 59052
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.8 8.2 12.4



#69
Phenanthrene
Concen: 1.22 ng/ul
RT: 17.07 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BM002019.D
Acq: 23 Jul 2015 16:46

Tgt Ion:178 Resp: 24148
Ion Ratio Lower Upper
178 100
179 14.8 12.1 18.1
176 18.2 14.6 21.8

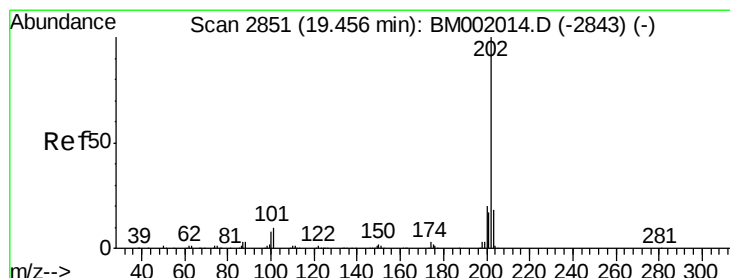
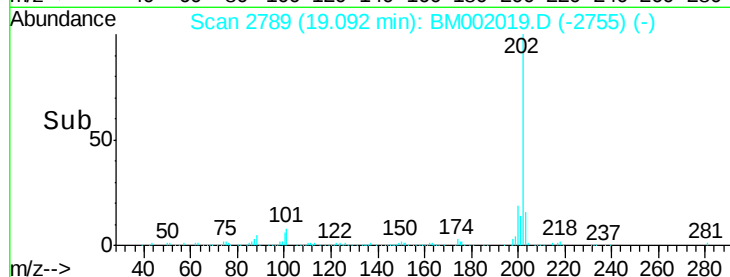
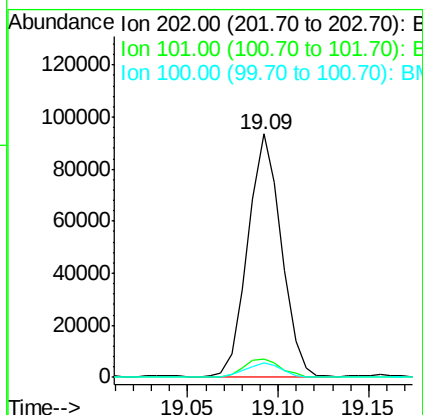
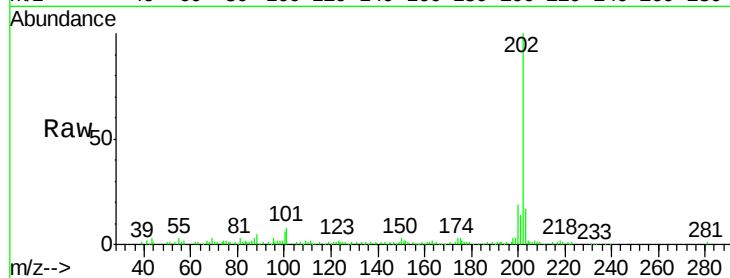




#76
 Fluoranthene
 Concen: 5.21 ng/ul
 RT: 19.09 min Scan# 2789
 Delta R.T. 0.00 min
 Lab File: BM002019.D
 Acq: 23 Jul 2015 16:46

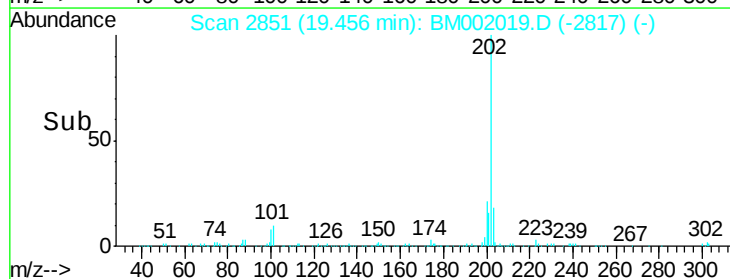
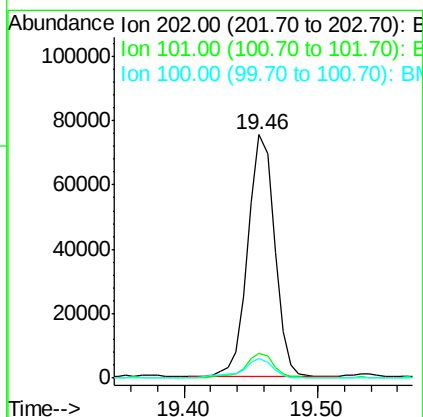
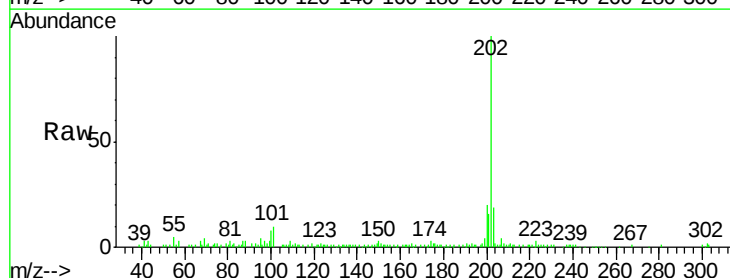
Instrument :
 BNA_M
 ClientSampleId :
 C02B8RE

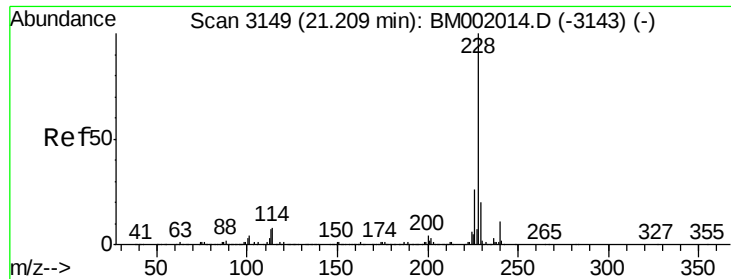
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.3	9.5
100	6.0	5.0	7.4



#79
 Pyrene
 Concen: 4.23 ng/ul
 RT: 19.46 min Scan# 2851
 Delta R.T. -0.00 min
 Lab File: BM002019.D
 Acq: 23 Jul 2015 16:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	7.3	10.9
100	8.2	6.2	9.4

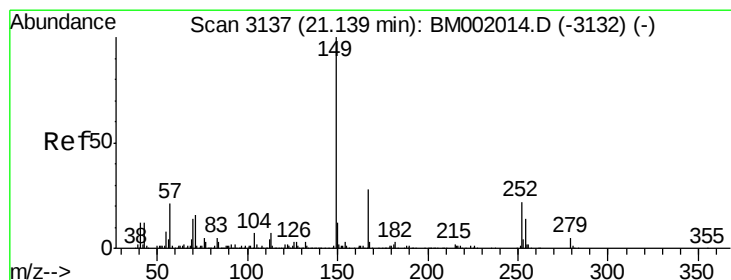
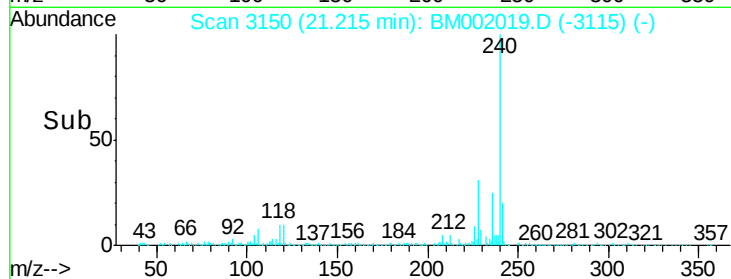
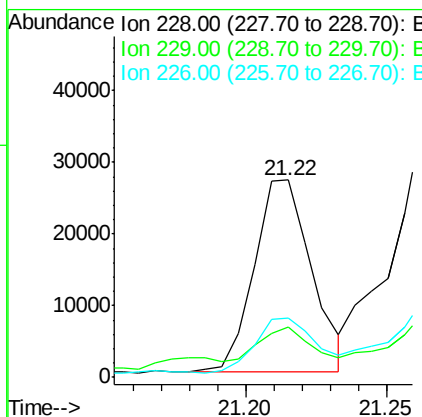
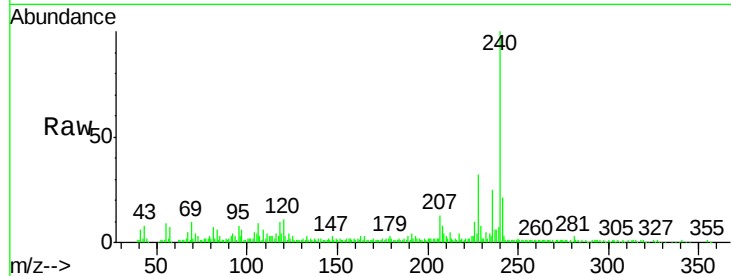




#82
 Benzo(a)anthracene
 Concen: 1.52 ng/ul
 RT: 21.22 min Scan# 3150
 Delta R.T. 0.01 min
 Lab File: BM002019.D
 Acq: 23 Jul 2015 16:46

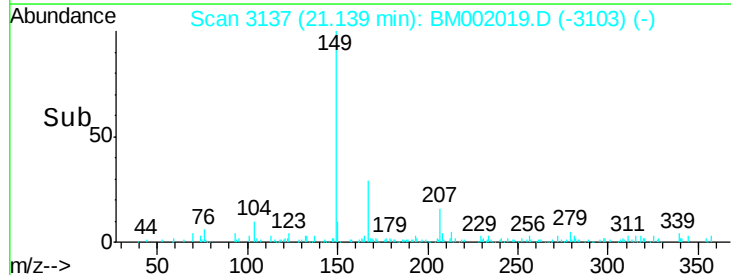
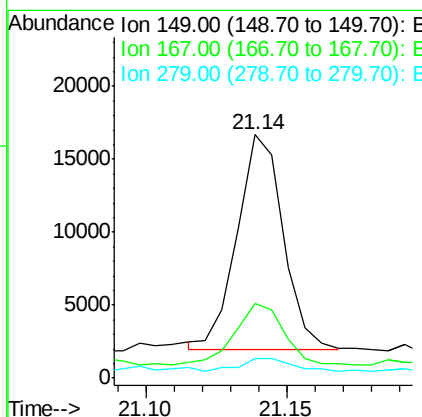
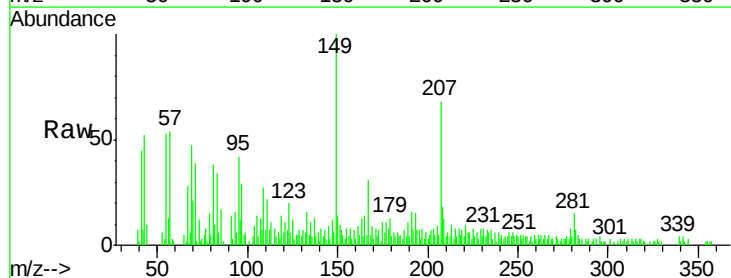
Instrument :
 BNA_M
 ClientSampleId :
 C02B8RE

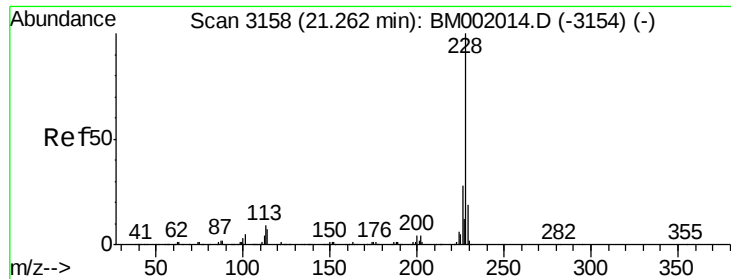
Tgt Ion: 228 Resp: 37439
 Ion Ratio Lower Upper
 228 100
 229 25.5 15.4 23.2#
 226 30.3 20.7 31.1



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.21 ng/ul
 RT: 21.14 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: BM002019.D
 Acq: 23 Jul 2015 16:46

Tgt Ion: 149 Resp: 16679
 Ion Ratio Lower Upper
 149 100
 167 30.5 23.2 34.8
 279 8.3 4.5 6.7#





#84

Chrysene

Concen: 2.25 ng/ul

RT: 21.26 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BM002019.D

Acq: 23 Jul 2015 16:46

Instrument :

BNA_M

ClientSampleId :

C02B8RE

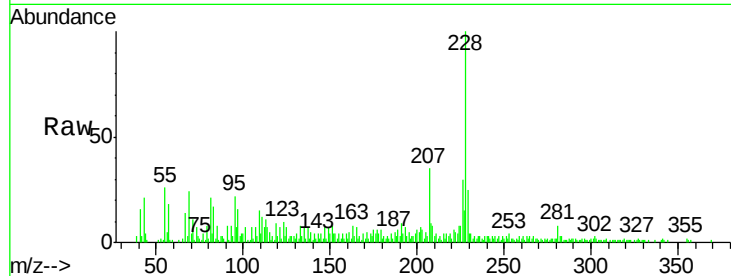
Tgt Ion:228 Resp: 51750

Ion Ratio Lower Upper

228 100

226 29.9 23.0 34.4

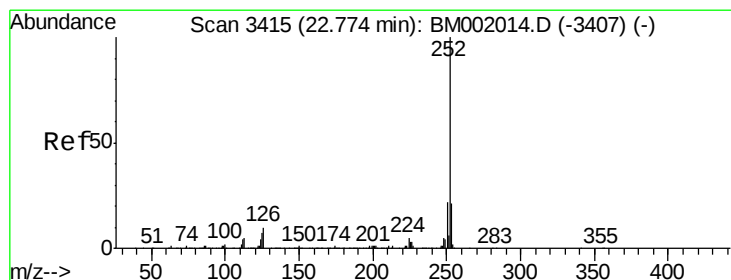
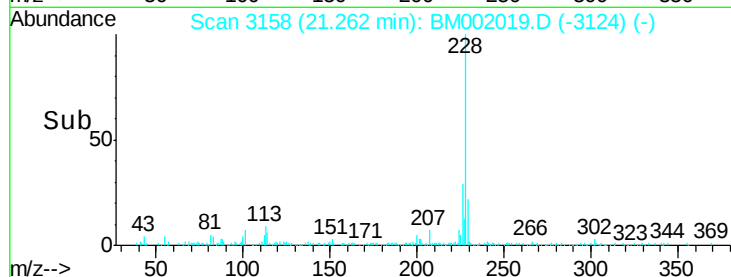
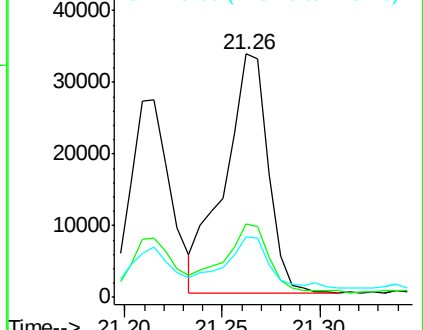
229 24.9 15.6 23.4#



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



#87

Benzo(b)fluoranthene

Concen: 2.59 ng/ul

RT: 22.78 min Scan# 3416

Delta R.T. 0.01 min

Lab File: BM002019.D

Acq: 23 Jul 2015 16:46

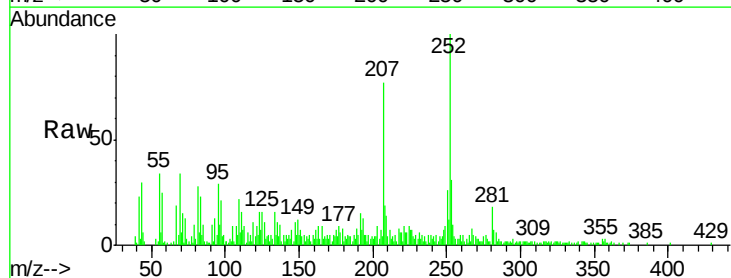
Tgt Ion:252 Resp: 67438

Ion Ratio Lower Upper

252 100

253 30.7 17.2 25.8#

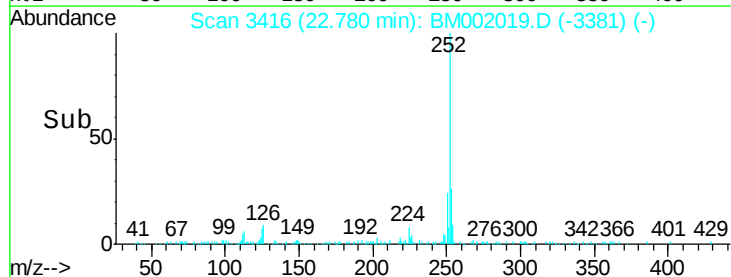
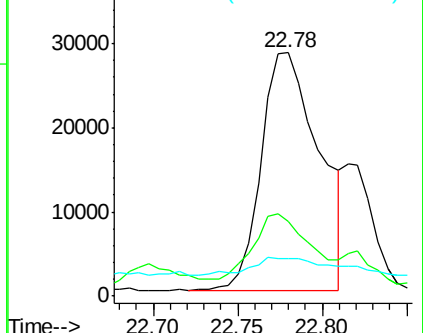
125 15.6 5.3 7.9#

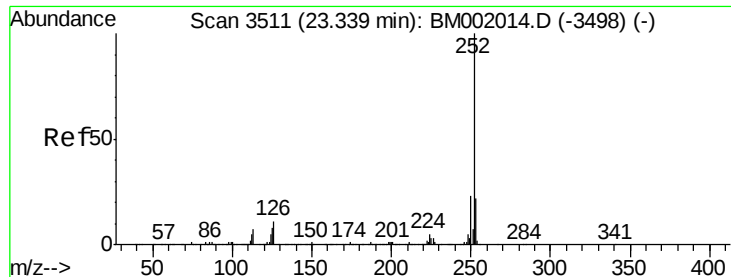


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 1.30 ng/ul

RT: 23.34 min Scan# 3512

Delta R.T. 0.01 min

Lab File: BM002019.D

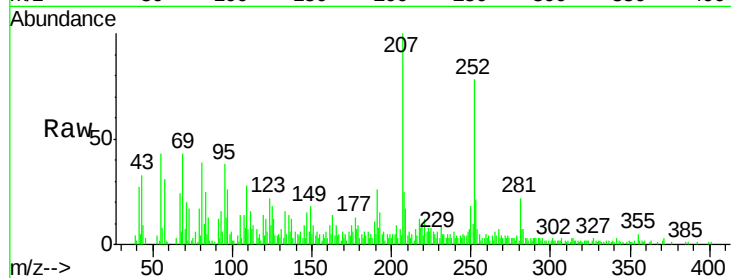
Acq: 23 Jul 2015 16:46

Instrument :

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ClientSampleId :

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Tgt Ion:	252	Resp:	31684
Ion Ratio	Lower	Upper	
252	100		
253	27.2	17.6	26.4#
125	22.5	6.0	9.0#

