

Data Path : Z:\HPCHEM1\BNA M\DATA\BM070916\
 Data File : BM006366.D
 Acq On : 09 Jul 2016 00:43
 Operator : UM/SJ
 Sample : H3861-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 09 01:16:10 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM070216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 09 01:11:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	196203	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	895860	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	557815	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	1287866	20.00	ng/ul	0.00
75) Chrysene-d12	21.23	240	1196130	20.00	ng/ul	0.00
83) Perylene-d12	23.44	264	1028171	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	6152	1.34	ng/uL	0.00
5) Phenol-d5	6.82	99	293652	15.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	179684	16.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	222236	15.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	235906	15.87	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	116755	16.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	128238	15.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	237296	16.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	327788	21.51	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	797875	17.14	ng/ul	0.00
46) Acenaphthylene-d8	13.98	160	985152	17.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	117484	13.32	ng/ul	0.00
57) Fluorene-d10	15.29	176	711156	17.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	80118	10.62	ng/ul	0.00
70) Anthracene-d10	17.13	188	1102711	17.95	ng/ul	0.00
76) Pyrene-d10	19.44	212	1275383	22.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.30	264	964902	20.20	ng/ul	0.00

Target Compounds

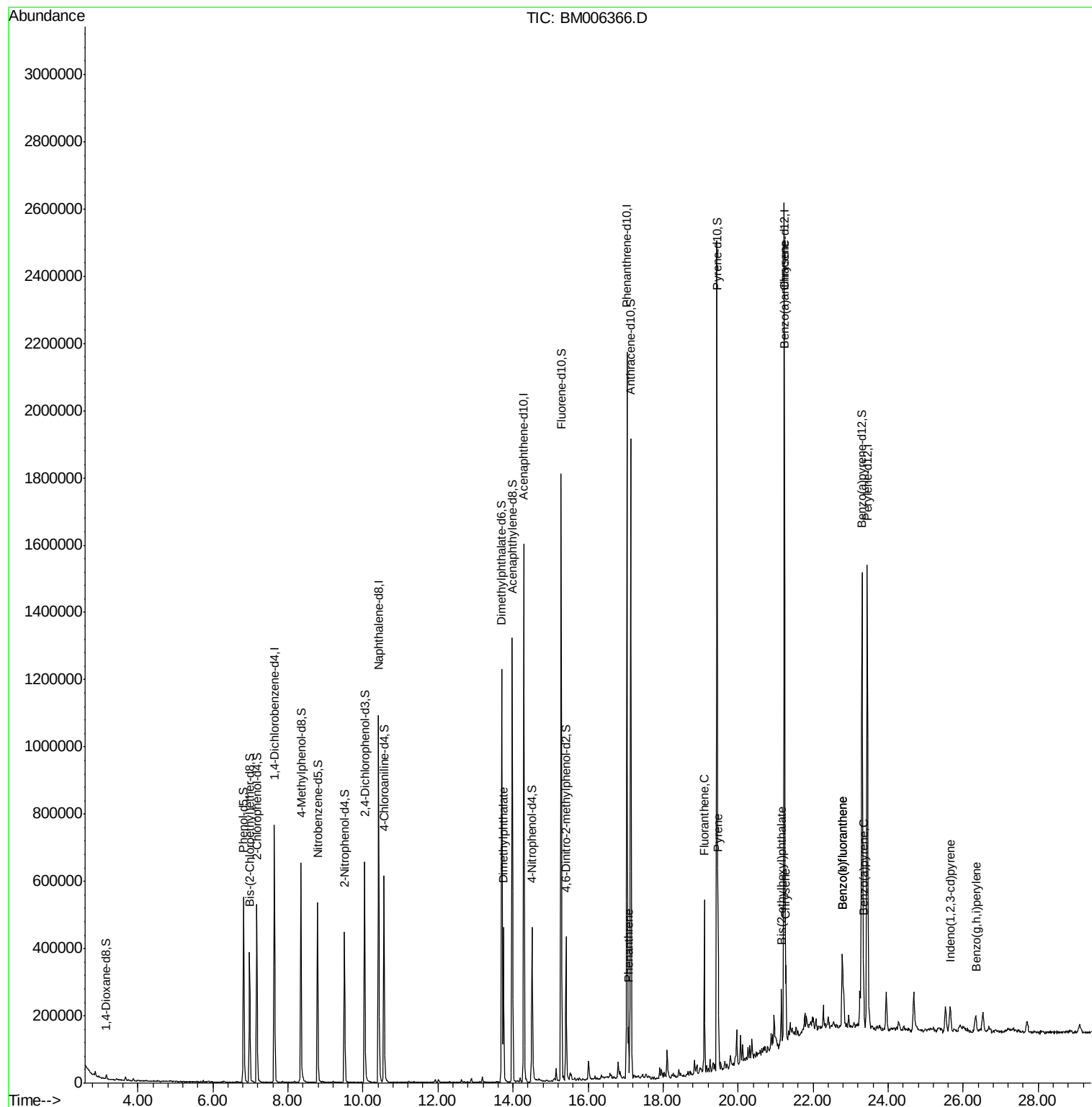
						Ovalue
44) Dimethylphthalate	13.75	163	279084	5.96	ng/ul	99
69) Phenanthrene	17.08	178	84034	1.17	ng/ul	97
74) Fluoranthene	19.10	202	310411	3.88	ng/ul	96
77) Pyrene	19.47	202	285869	3.81	ng/ul	96
80) Benzo(a)anthracene	21.22	228	137252	1.87	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.16	149	55684	1.21	ng/ul	99
82) Chrysene	21.27	228	131639	1.96	ng/ul	99
85) Benzo(b)fluoranthene	22.79	252	175255	2.88	ng/ul#	97
86) Benzo(k)fluoranthene	22.79	252	175255	3.09	ng/ul#	96
88) Benzo(a)pyrene	23.34	252	116666	1.98	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.66	276	72009	1.07	ng/ul	98
91) Benzo(g,h,i)perylene	26.34	276	63404	1.09	ng/ul	97

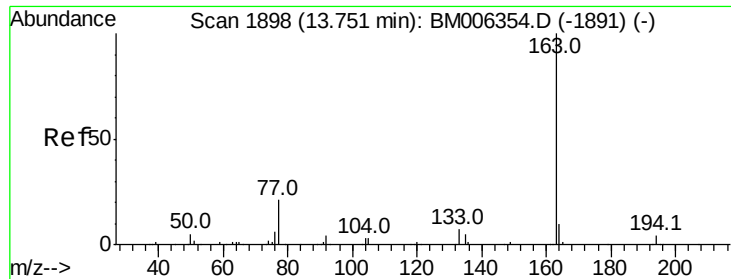
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 09 01:16:10 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 09 01:11:24 2016
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 5.96 ng/ul

RT: 13.75 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BM006366.D

Acq: 09 Jul 2016 00:43

Instrument :

BNA_M

ClientSampled :

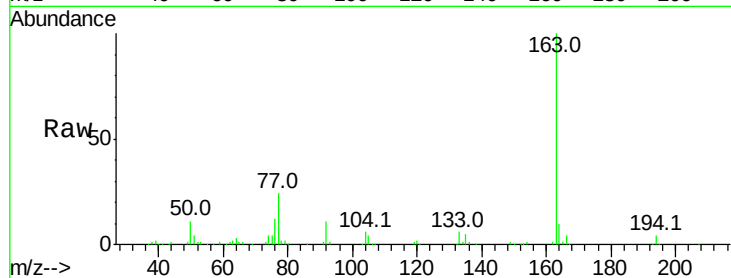
Tot Ion:163 Resp: 279084

Ion Ratio Lower Upper

163 100

194 3.6 3.4 5.0

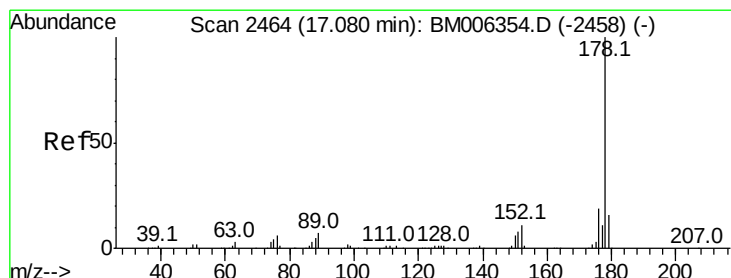
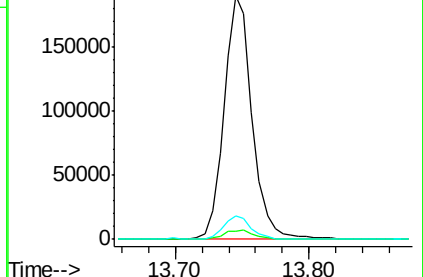
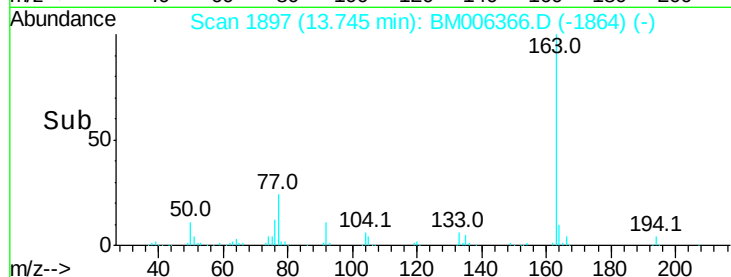
164 9.6 7.8 11.8



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: 1.17 ng/ul

RT: 17.08 min Scan# 2464

Delta R.T. 0.00 min

Lab File: BM006366.D

Acq: 09 Jul 2016 00:43

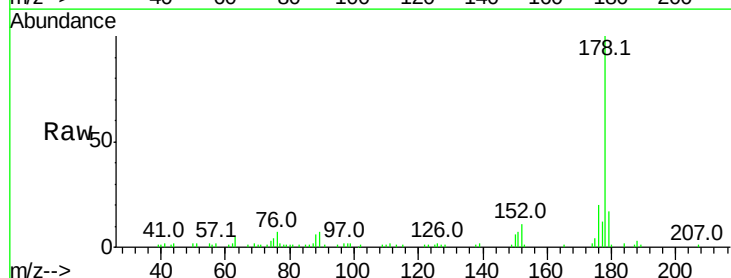
Tgt Ion:178 Resp: 84034

Ion Ratio Lower Upper

178 100

179 16.7 11.9 17.9

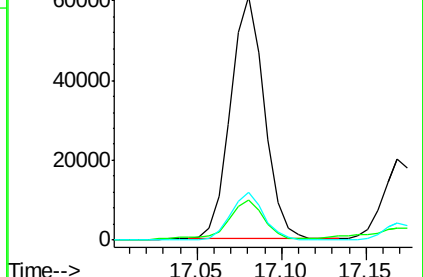
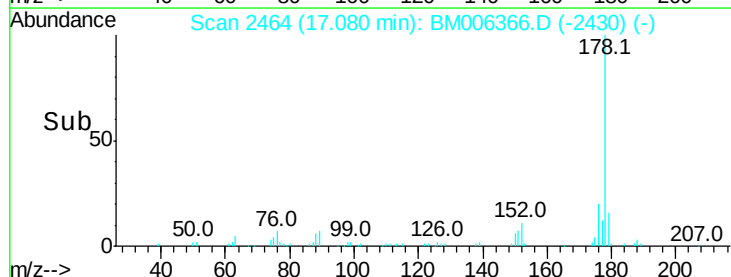
176 19.6 15.2 22.8

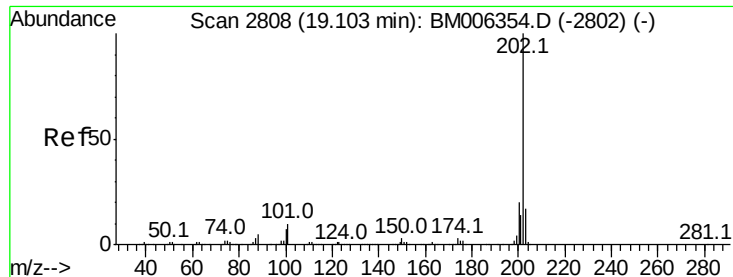


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 3.88 ng/ul

RT: 19.10 min Scan# 2808

Delta R.T. 0.00 min

Lab File: BM006366.D

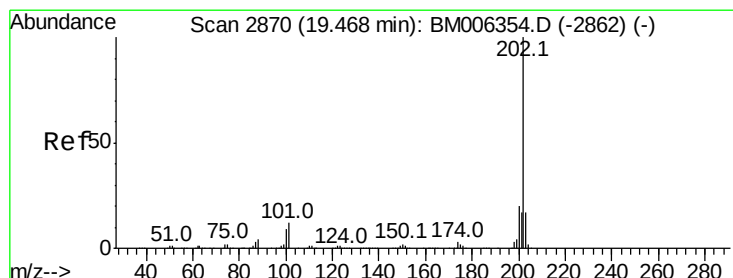
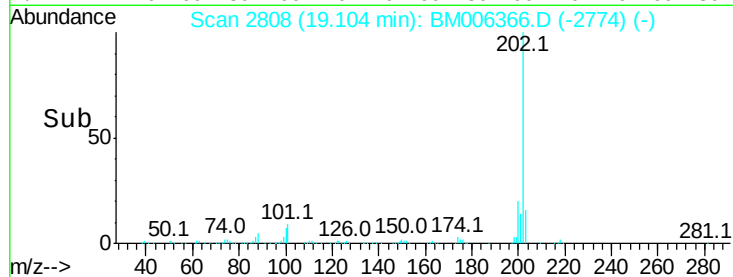
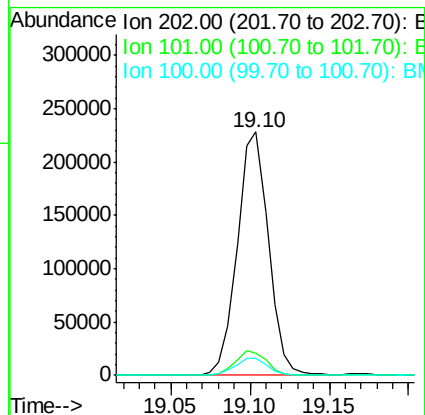
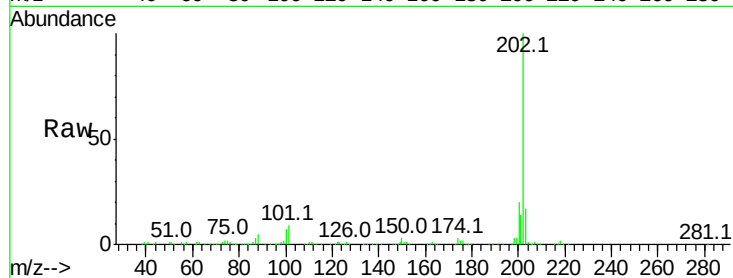
Acq: 09 Jul 2016 00:43

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	202	Resp:	310411
Ion	Ratio	Lower	Upper
202	100		
101	9.1	8.6	12.8
100	7.0	6.4	9.6



#77

Pyrene

Concen: 3.81 ng/ul

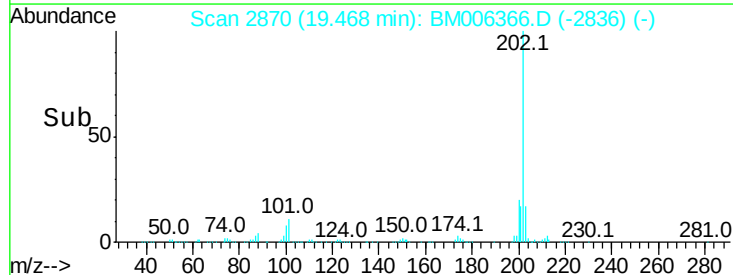
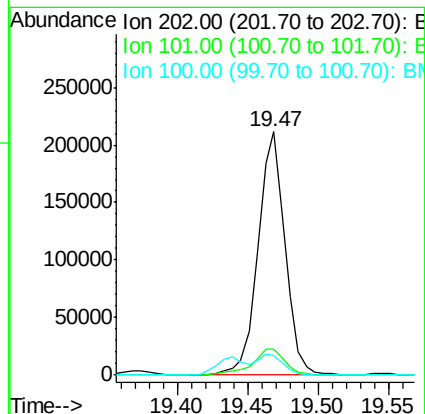
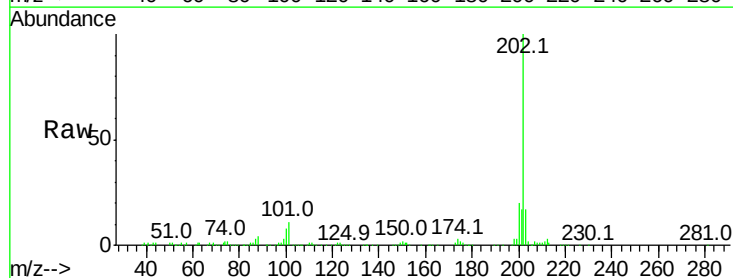
RT: 19.47 min Scan# 2870

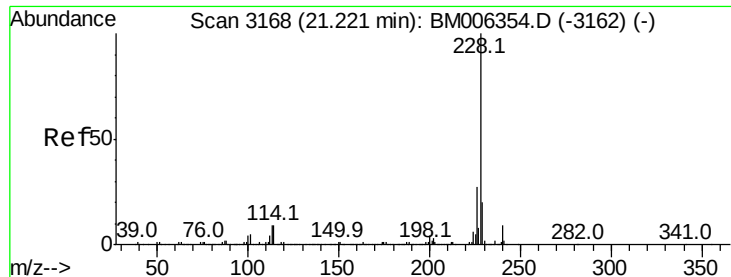
Delta R.T. 0.00 min

Lab File: BM006366.D

Acq: 09 Jul 2016 00:43

Tgt Ion:	202	Resp:	285869
Ion	Ratio	Lower	Upper
202	100		
101	10.9	10.0	15.0
100	8.3	7.9	11.9





#80

Benzo(a)anthracene

Concen: 1.87 ng/ul

RT: 21.22 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BM006366.D

Acq: 09 Jul 2016 00:43

Instrument :

BNA_M

ClientSampleId :

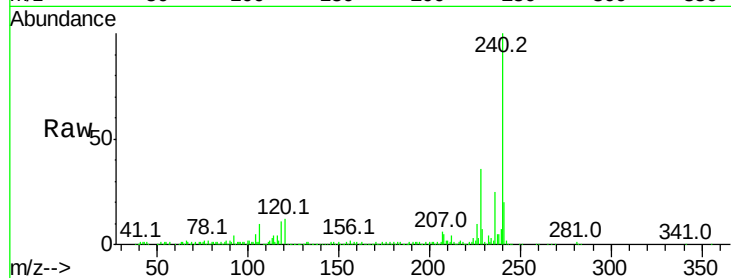
Tot Ion:228 Resp: 137252

Ion Ratio Lower Upper

228 100

229 19.6 15.6 23.4

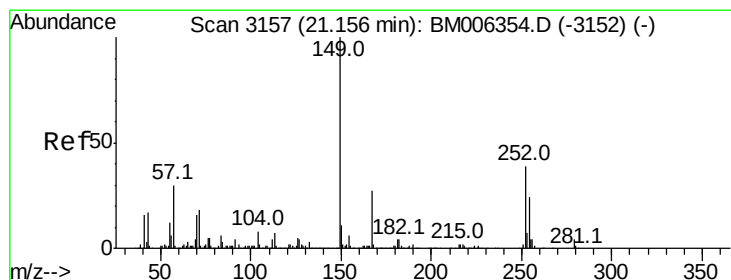
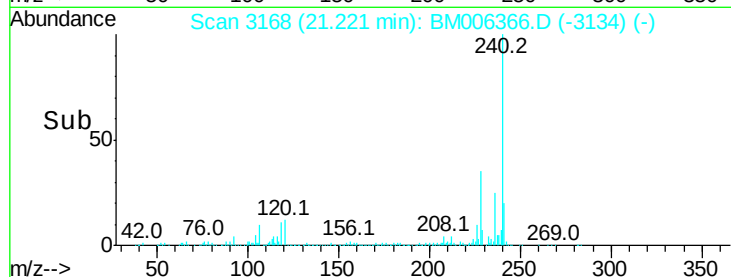
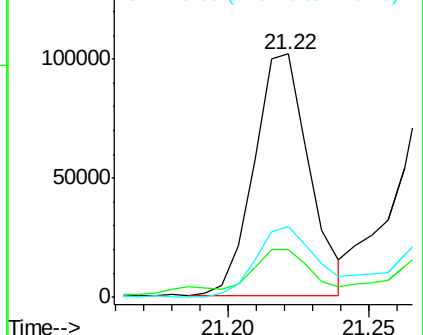
226 29.3 21.4 32.2



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: 1.21 ng/ul

RT: 21.16 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BM006366.D

Acq: 09 Jul 2016 00:43

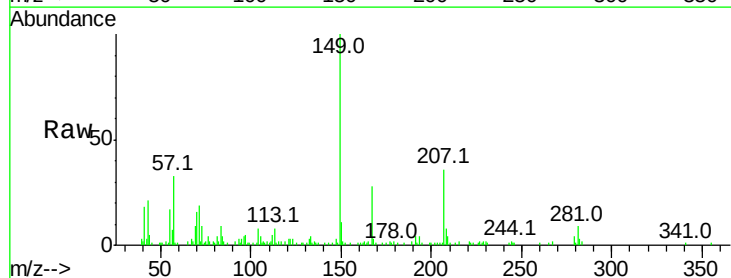
Tgt Ion:149 Resp: 55684

Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.2

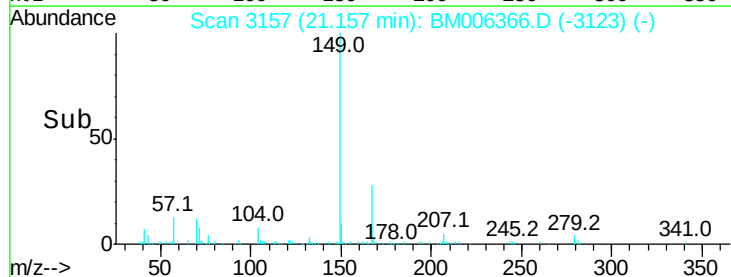
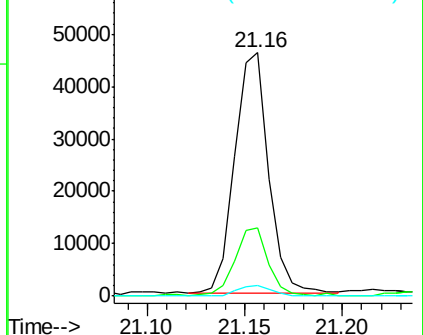
279 4.2 3.1 4.7

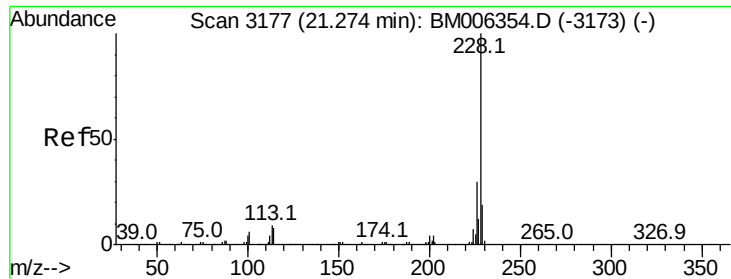


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 1.96 ng/ul

RT: 21.27 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BM006366.D

Acq: 09 Jul 2016 00:43

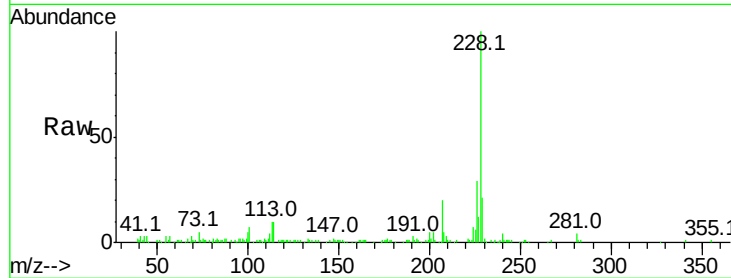
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 131639

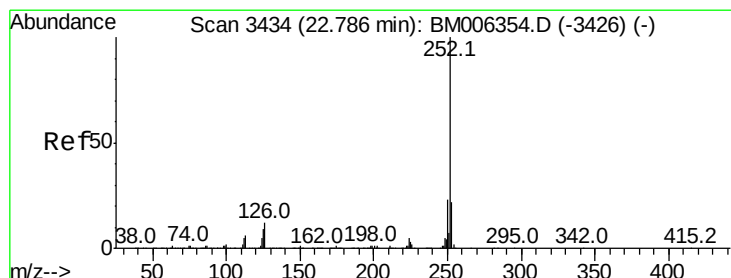
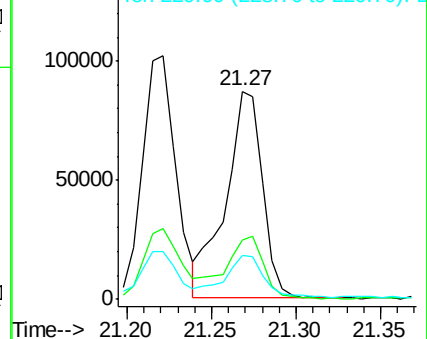
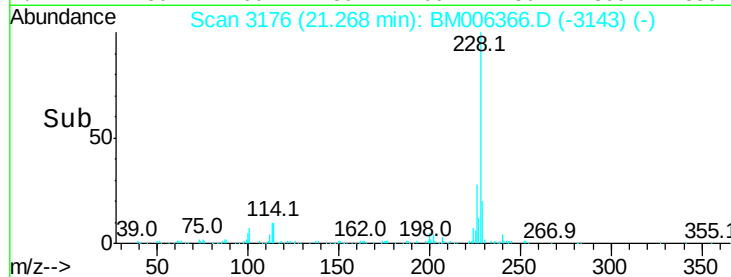
Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.3	34.9
229	20.9	15.8	23.8



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: 2.88 ng/ul

RT: 22.79 min Scan# 3434

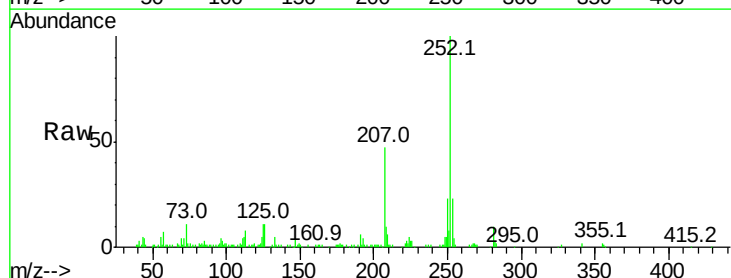
Delta R.T. 0.00 min

Lab File: BM006366.D

Acq: 09 Jul 2016 00:43

Tgt Ion:252 Resp: 175255

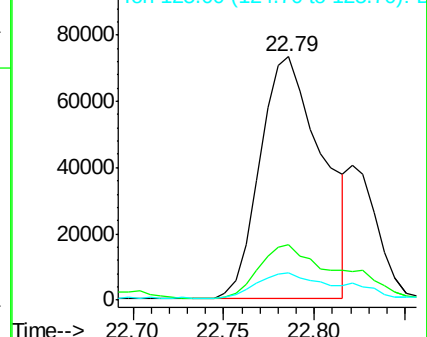
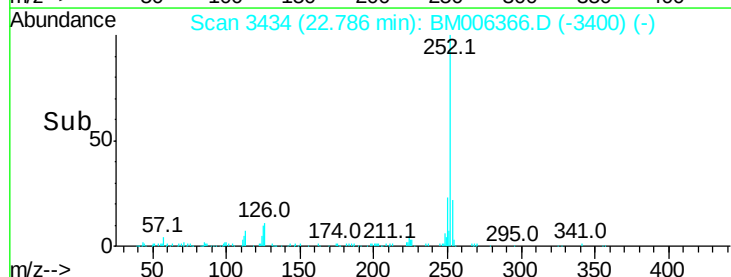
Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	11.1	6.7	10.1

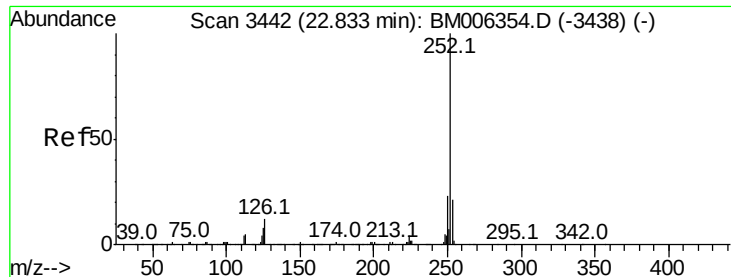


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 3.09 ng/ul

RT: 22.79 min Scan# 3434

Delta R.T. -0.05 min

Lab File: BM006366.D

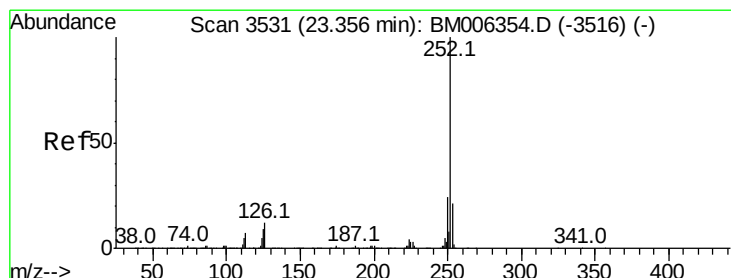
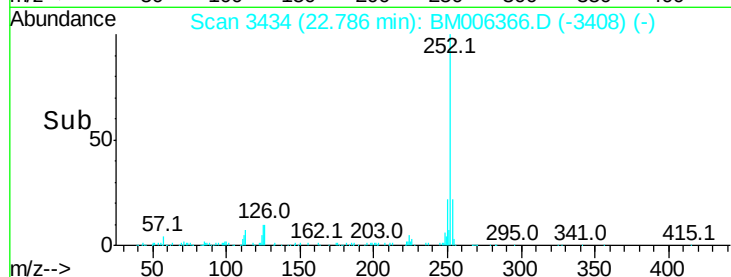
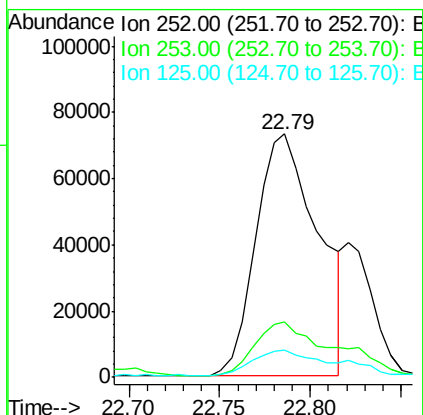
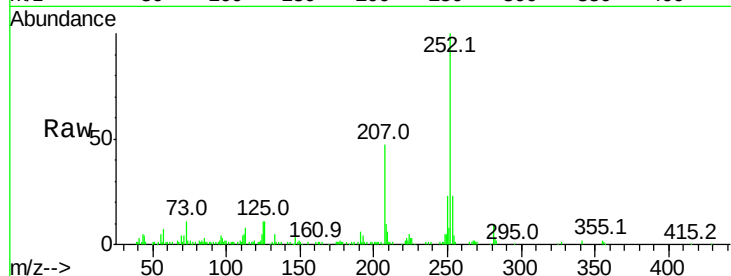
Acq: 09 Jul 2016 00:43

Instrument :

BNA_M

ClientSampled :

Tot Ion:252	Resp:	175255
Ion Ratio	Lower	Upper
252	100	
253	22.7	17.3 25.9
125	11.1	7.0 10.4#



#88

Benzo(a)pyrene

Concen: 1.98 ng/ul

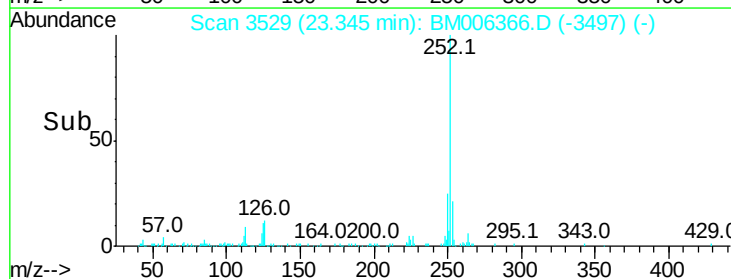
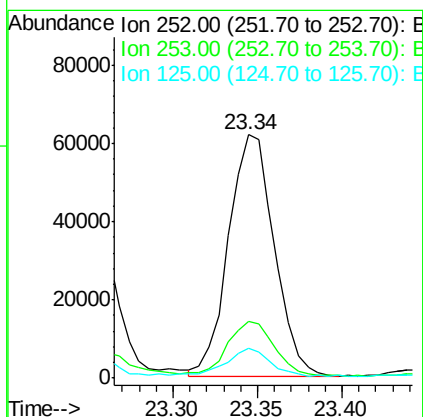
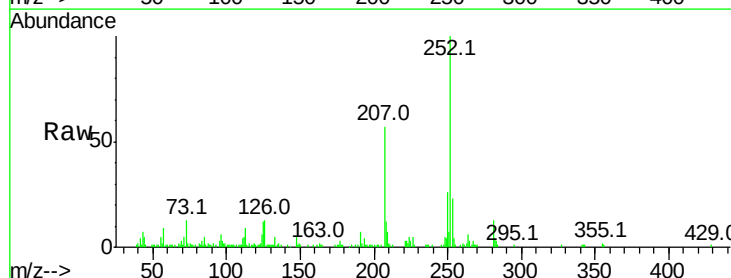
RT: 23.34 min Scan# 3529

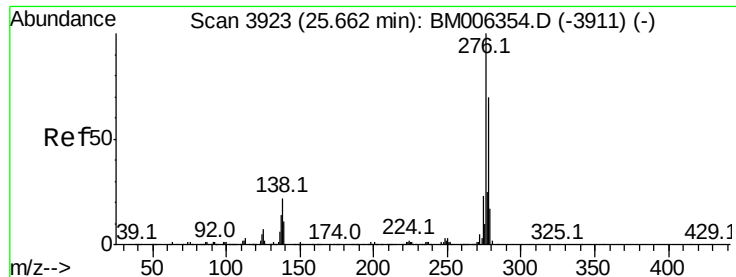
Delta R.T. -0.01 min

Lab File: BM006366.D

Acq: 09 Jul 2016 00:43

Tgt Ion:252	Resp:	116666
Ion Ratio	Lower	Upper
252	100	
253	23.3	17.4 26.2
125	12.1	7.6 11.4#

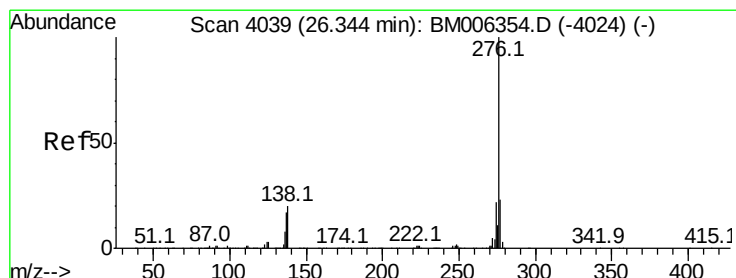
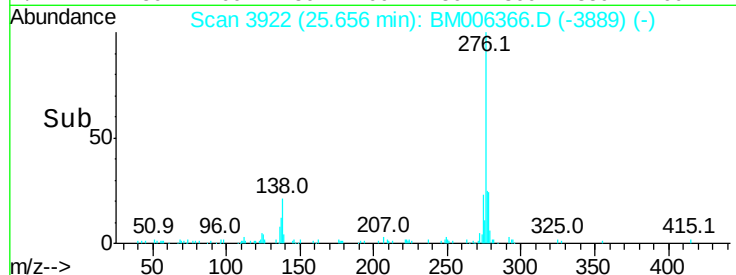
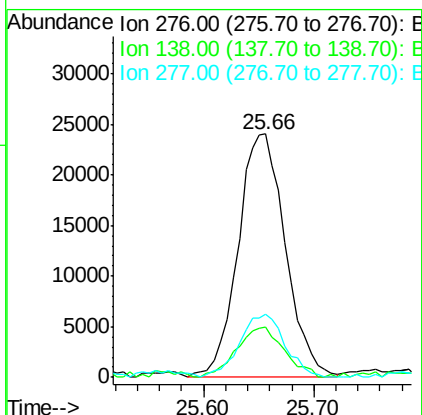
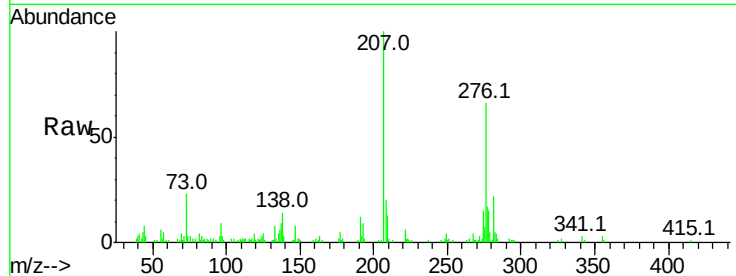




#89
 Indeno(1,2,3-cd)pyrene
 Concen: 1.07 ng/ul
 RT: 25.66 min Scan# 3922
 Delta R.T. -0.01 min
 Lab File: BM006366.D
 Acq: 09 Jul 2016 00:43

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:276 Resp: 72009
 Ion Ratio Lower Upper
 276 100
 138 20.8 17.8 26.6
 277 26.0 20.1 30.1



#91
 Benzo(g,h,i)perylene
 Concen: 1.09 ng/ul
 RT: 26.34 min Scan# 4038
 Delta R.T. -0.01 min
 Lab File: BM006366.D
 Acq: 09 Jul 2016 00:43

Tgt Ion:276 Resp: 63404
 Ion Ratio Lower Upper
 276 100
 138 18.5 15.0 22.4
 277 21.0 19.0 28.4

