

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
 Data File : BM001473.D
 Acq On : 30 May 2015 13:58
 Operator : TP/IZ
 Sample : G2411-02RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCRB5RE

Quant Time: May 31 02:19:37 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun May 31 02:16:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	181236	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	730110	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	396487	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	803534	20.00	ng/ul	0.00
75) Chrysene-d12	21.02	240	814656	20.00	ng/ul	0.00
83) Perylene-d12	23.11	264	729730	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.80	96	14058	3.87	ng/uL	0.00
5) Phenol-d5	6.57	99	352193	26.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	220294	26.34	ng/ul	0.00
9) 2-Chlorophenol-d4	6.91	132	307458	28.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	284817	25.17	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	145375	30.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	171565	31.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	302743	27.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	105664	8.29	ng/ul	0.00
43) Dimethylphthalate-d6	13.48	166	811366	29.18	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	1126843	29.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.30	143	143317	25.28	ng/ul	0.00
57) Fluorene-d10	15.06	176	764455	27.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.20	200	119370	24.14	ng/ul	0.00
70) Anthracene-d10	16.91	188	1069457	28.87	ng/ul	0.00
76) Pyrene-d10	19.22	212	1163843	32.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	22.98	264	961436	29.80	ng/ul	0.00

Target Compounds

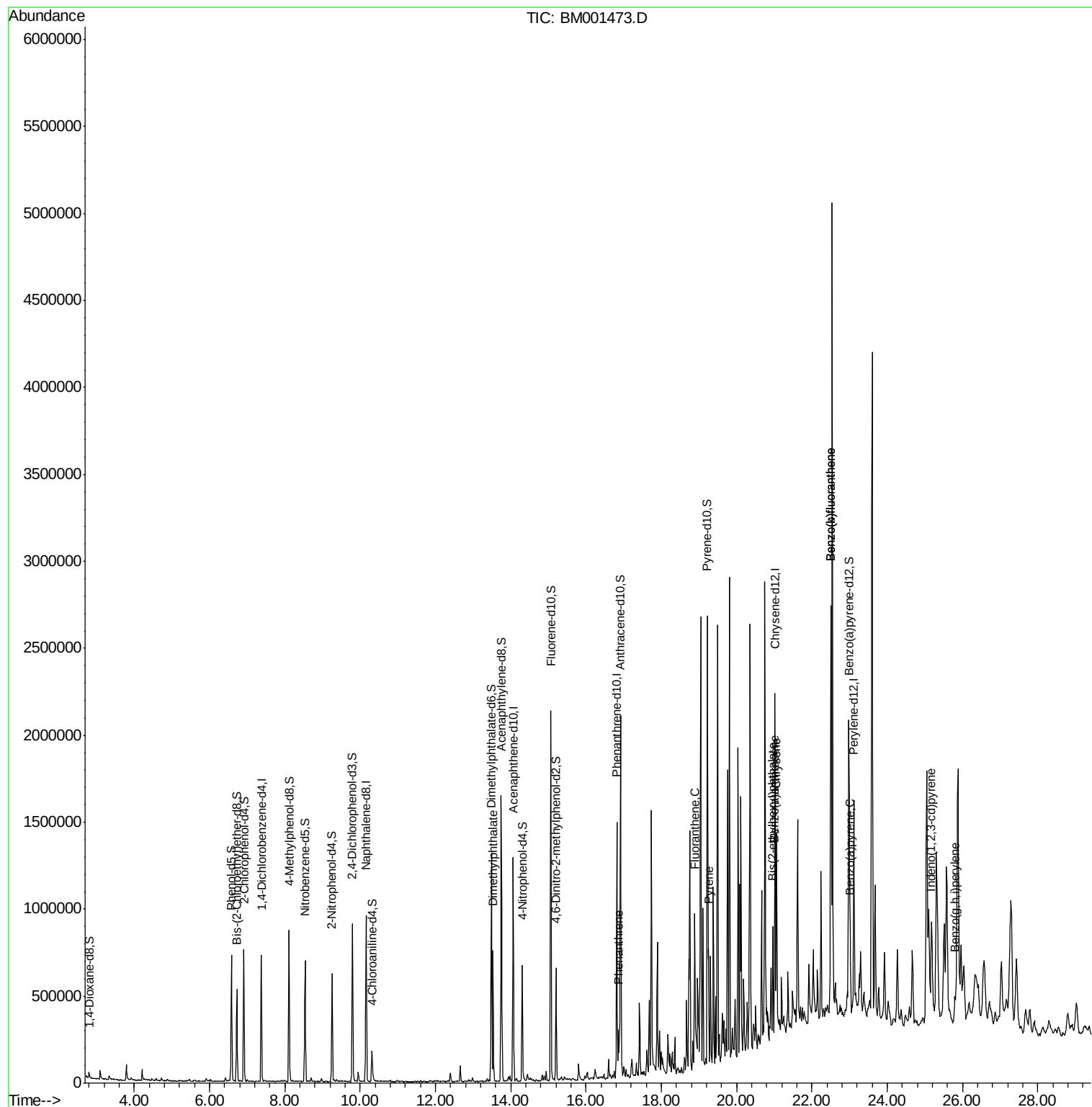
						Qvalue
44) Dimethylphthalate	13.53	163	431514	13.75	ng/ul	100
69) Phenanthrene	16.86	178	147459	3.30	ng/ul	98
74) Fluoranthene	18.88	202	426367	7.87	ng/ul	99
77) Pyrene	19.25	202	345211	7.09	ng/ul	96
80) Benzo(a)anthracene	21.00	228	123088	2.59	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	20.96	149	182535	6.01	ng/ul	99
82) Chrysene	21.06	228	169794	3.79	ng/ul	98
85) Benzo(b)fluoranthene	22.50	252	220712	4.94	ng/ul#	88
86) Benzo(k)fluoranthene	22.50	252	105157	2.46	ng/ul#	87
88) Benzo(a)pyrene	23.02	252	118092	2.82	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.16	276	87527	1.98	ng/ul	98
91) Benzo(g,h,i)perylene	25.79	276	84856	2.33	ng/ul	94

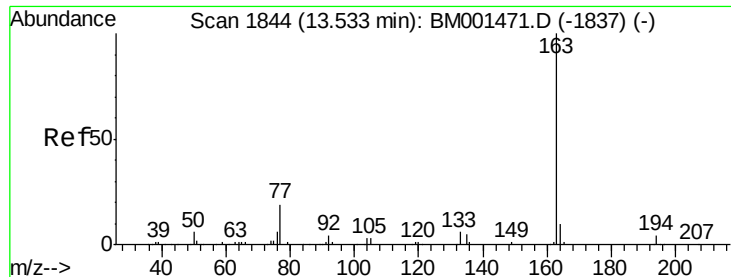
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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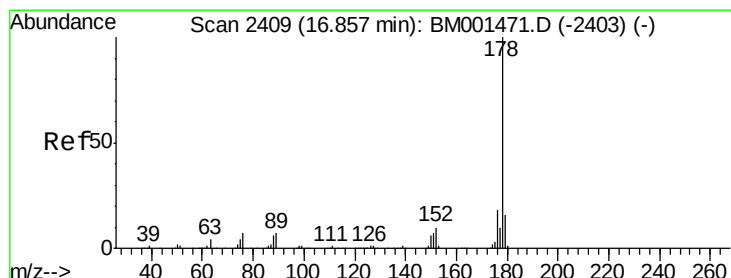
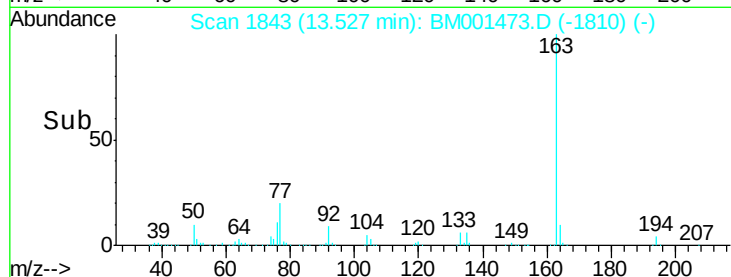
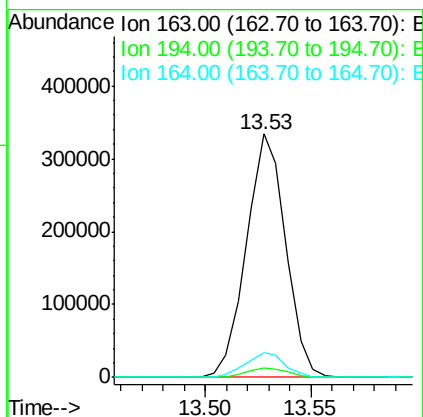
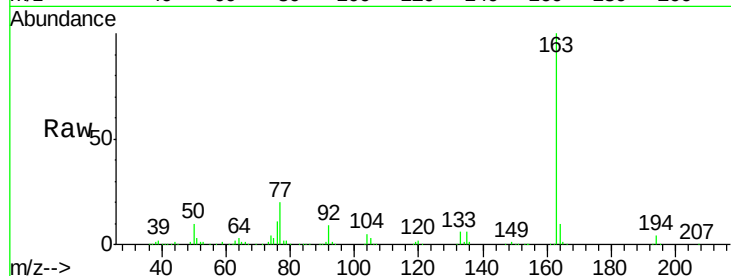




#44
Dimethylphthalate
Concen: 13.75 ng/ul
RT: 13.53 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BM001473.D
Acq: 30 May 2015 13:58

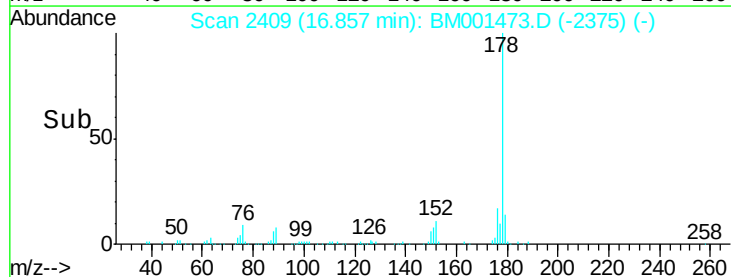
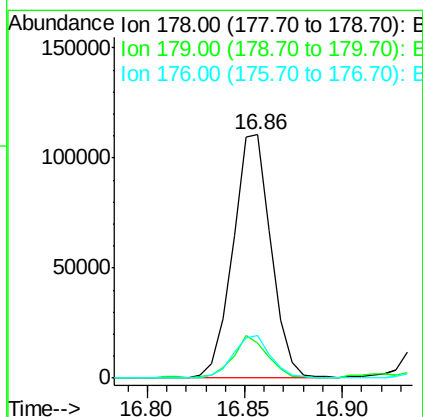
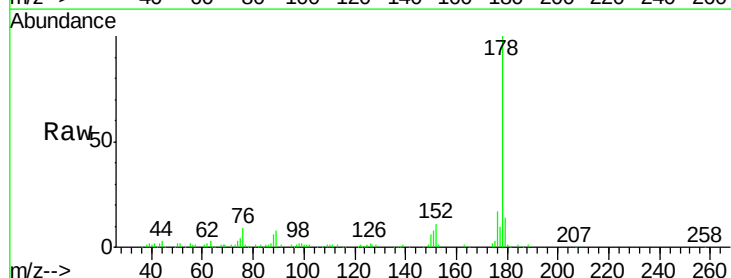
Instrument :
BNA_M
ClientSampleId :
BCRB5RE

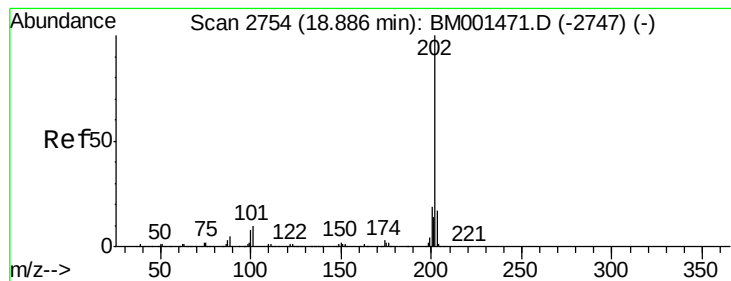
Tgt Ion:163 Resp: 431514
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.1 8.2 12.4



#69
Phenanthrene
Concen: 3.30 ng/ul
RT: 16.86 min Scan# 2409
Delta R.T. 0.00 min
Lab File: BM001473.D
Acq: 30 May 2015 13:58

Tgt Ion:178 Resp: 147459
Ion Ratio Lower Upper
178 100
179 14.3 11.9 17.9
176 17.5 15.0 22.4





#74

Fluoranthene

Concen: 7.87 ng/ul

RT: 18.88 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BM001473.D

Acq: 30 May 2015 13:58

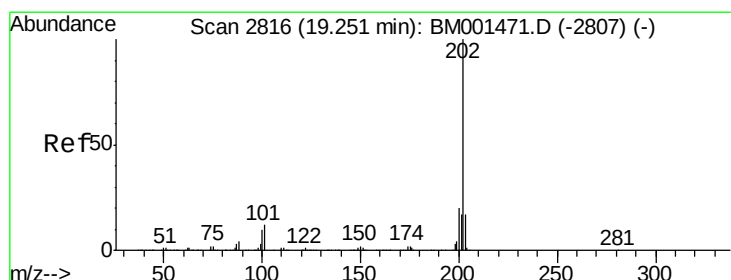
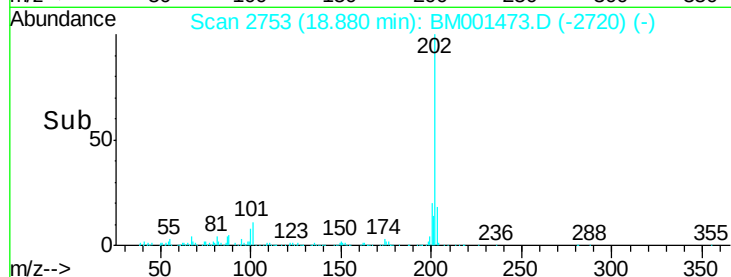
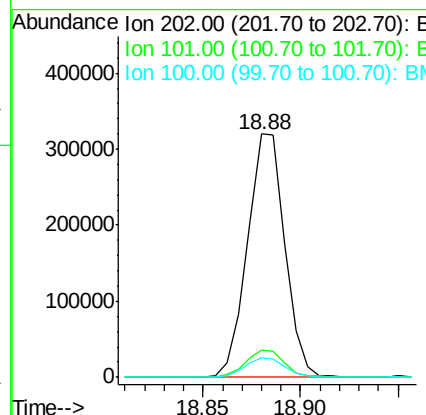
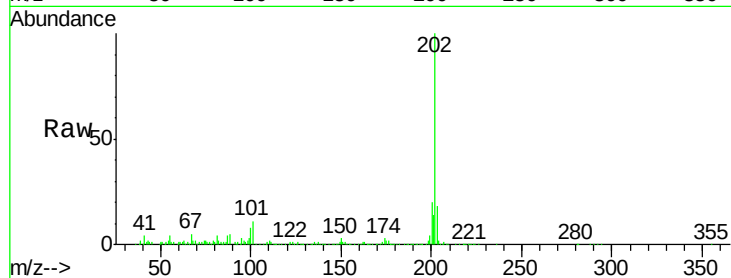
Instrument :

BNA_M

ClientSampleId :

BCRB5RE

Tgt Ion:	202	Resp:	426367
Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.6	12.8
100	8.0	6.5	9.7



#77

Pyrene

Concen: 7.09 ng/ul

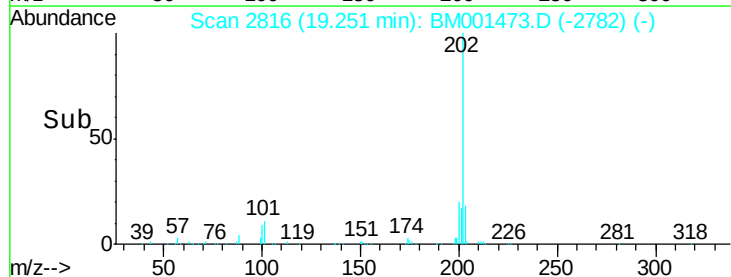
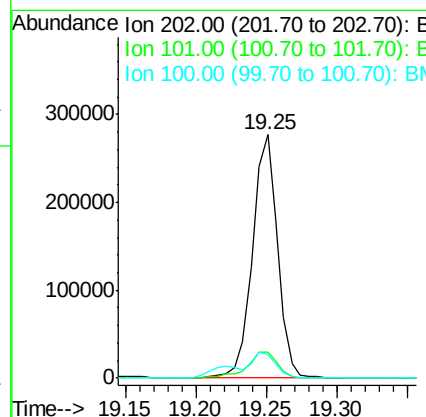
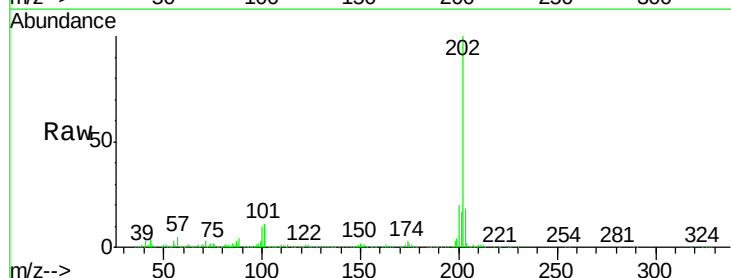
RT: 19.25 min Scan# 2816

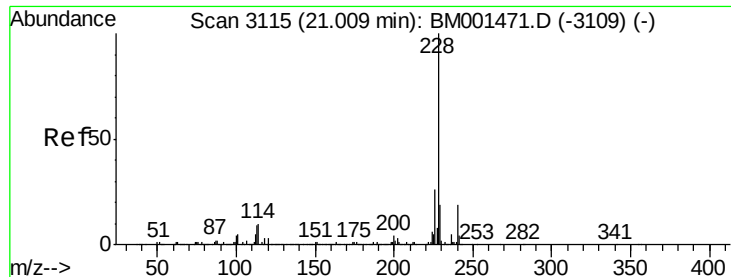
Delta R.T. 0.00 min

Lab File: BM001473.D

Acq: 30 May 2015 13:58

Tgt Ion:	202	Resp:	345211
Ion	Ratio	Lower	Upper
202	100		
101	10.8	10.3	15.5
100	9.7	8.6	12.8





#80

Benzo(a)anthracene

Concen: 2.59 ng/ul

RT: 21.00 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM001473.D

Acq: 30 May 2015 13:58

Instrument :

BNA_M

ClientSampleId :

BCRB5RE

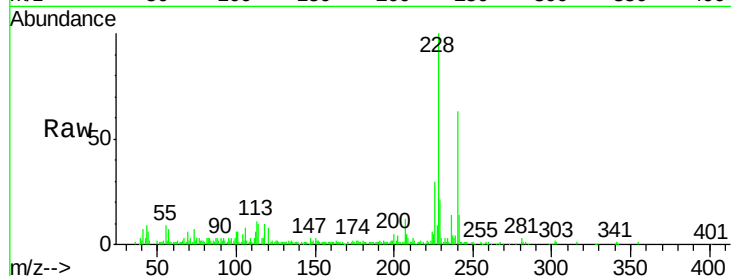
Tgt Ion:228 Resp: 123088

Ion Ratio Lower Upper

228 100

229 20.7 15.8 23.8

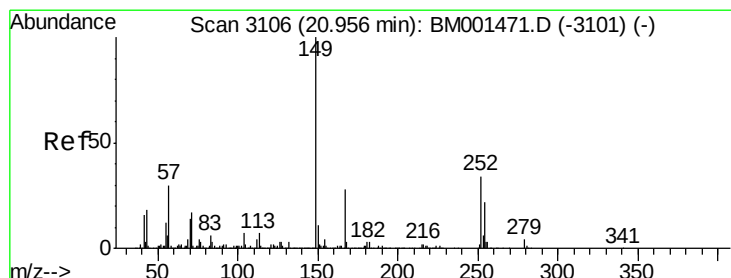
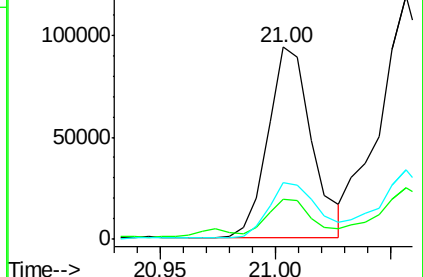
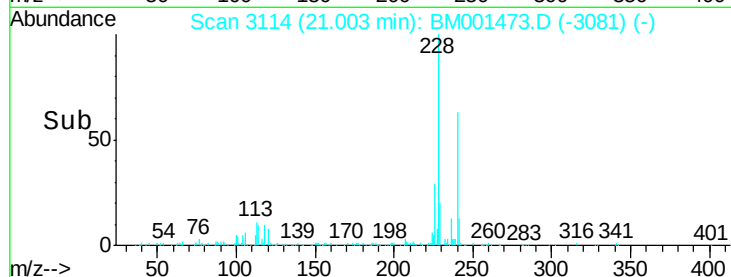
226 29.8 20.6 30.8



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: 6.01 ng/ul

RT: 20.96 min Scan# 3106

Delta R.T. 0.00 min

Lab File: BM001473.D

Acq: 30 May 2015 13:58

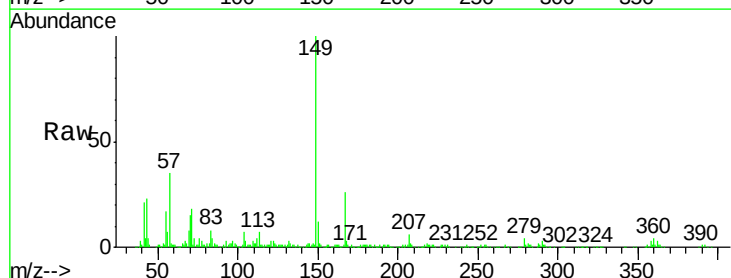
Tgt Ion:149 Resp: 182535

Ion Ratio Lower Upper

149 100

167 26.2 21.2 31.8

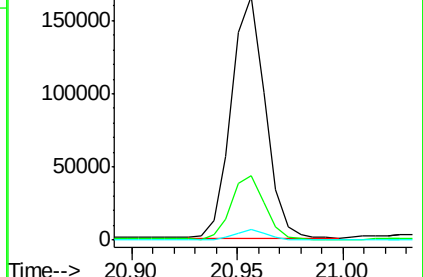
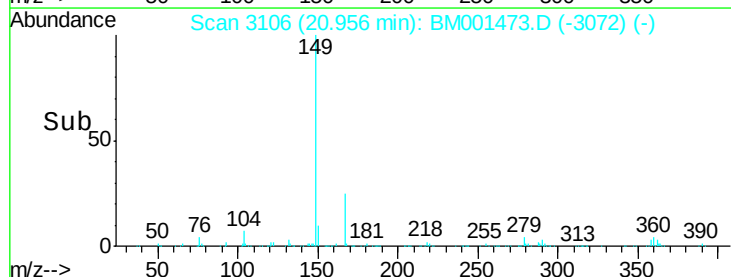
279 4.3 3.1 4.7

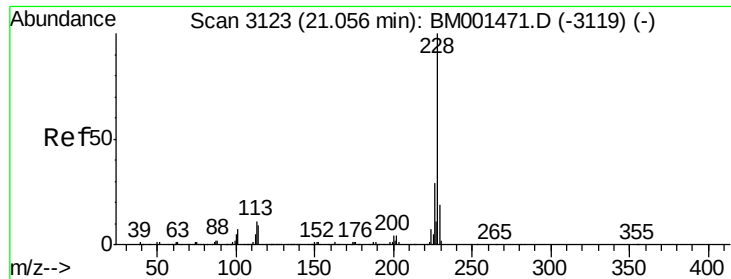


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 3.79 ng/ul

RT: 21.06 min Scan# 3123

Delta R.T. 0.00 min

Lab File: BM001473.D

Acq: 30 May 2015 13:58

Instrument :

BNA_M

ClientSampleId :

BCRB5RE

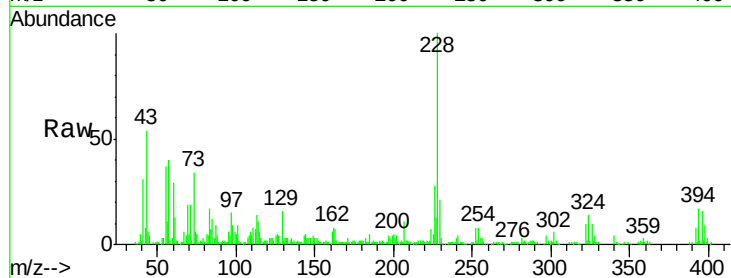
Tgt Ion:228 Resp: 169794

Ion Ratio Lower Upper

228 100

226 28.3 23.0 34.4

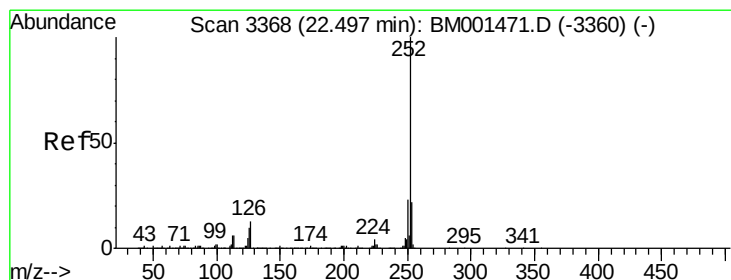
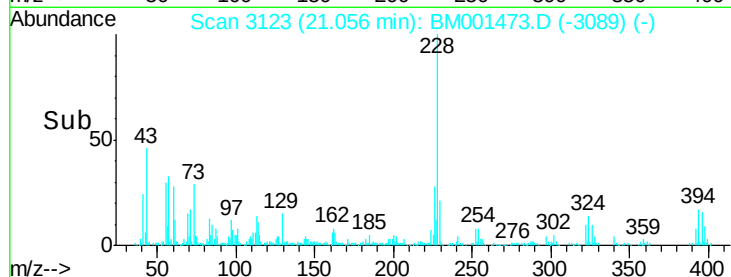
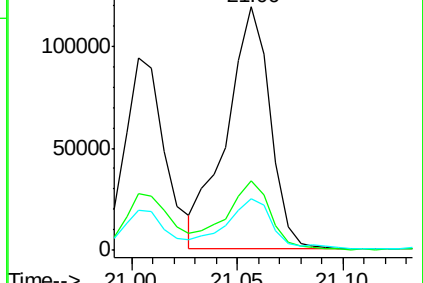
229 21.2 15.7 23.5



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: 4.94 ng/ul

RT: 22.50 min Scan# 3368

Delta R.T. 0.00 min

Lab File: BM001473.D

Acq: 30 May 2015 13:58

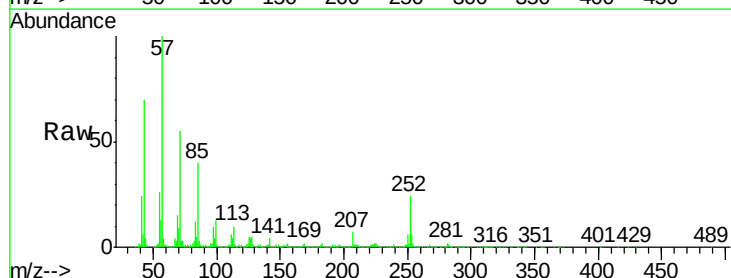
Tgt Ion:252 Resp: 220712

Ion Ratio Lower Upper

252 100

253 24.1 18.0 27.0

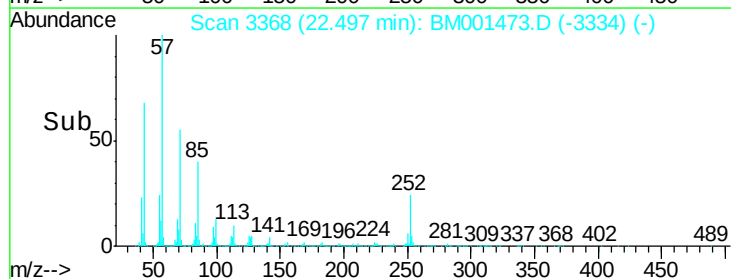
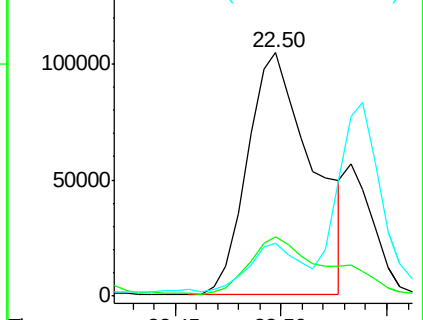
125 22.0 8.6 12.8#

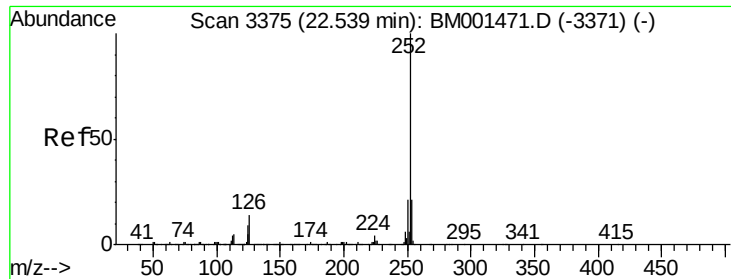


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 2.46 ng/ul

RT: 22.50 min Scan# 3368

Delta R.T. -0.04 min

Lab File: BM001473.D

Acq: 30 May 2015 13:58

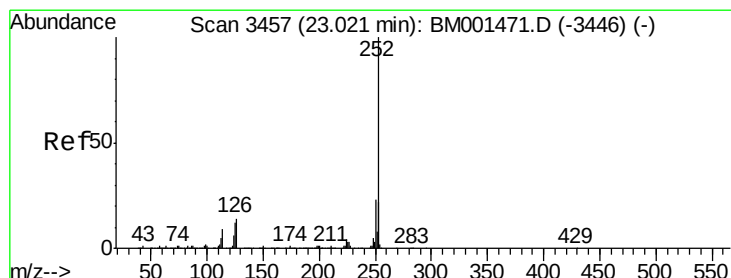
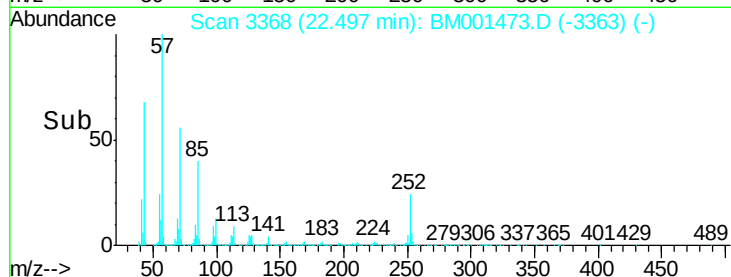
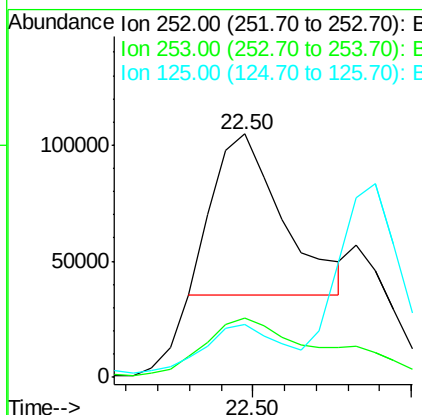
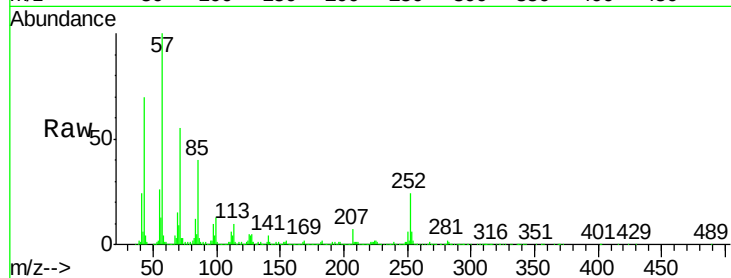
Instrument :

BNA_M

ClientSampleId :

BCRB5RE

Tgt Ion:	252	Resp:	105157
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.4	26.0
125	22.0	8.6	13.0#



#88

Benzo(a)pyrene

Concen: 2.82 ng/ul

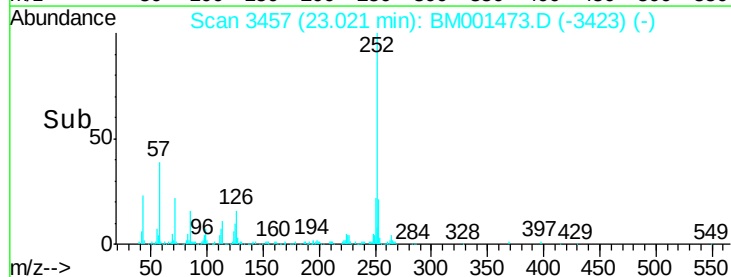
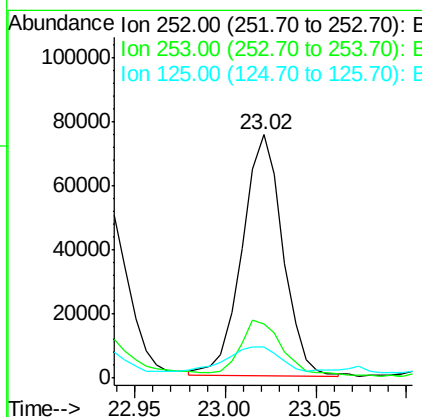
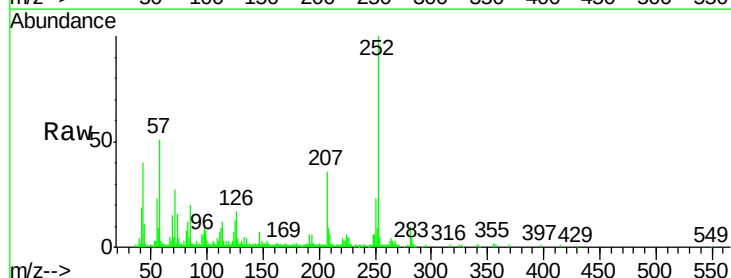
RT: 23.02 min Scan# 3457

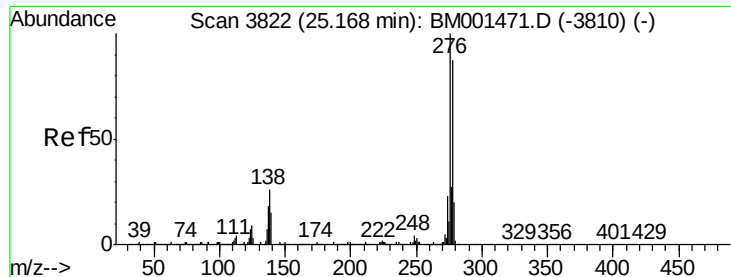
Delta R.T. 0.00 min

Lab File: BM001473.D

Acq: 30 May 2015 13:58

Tgt Ion:	252	Resp:	118092
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.0	25.4
125	12.6	8.8	13.2





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.98 ng/ul

RT: 25.16 min Scan# 3820

Delta R.T. -0.01 min

Lab File: BM001473.D

Acq: 30 May 2015 13:58

Instrument :

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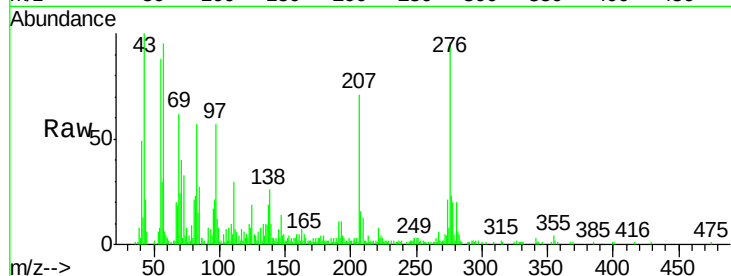
Tgt Ion: 276 Resp: 87527

Ion Ratio Lower Upper

276 100

138 27.3 20.6 31.0

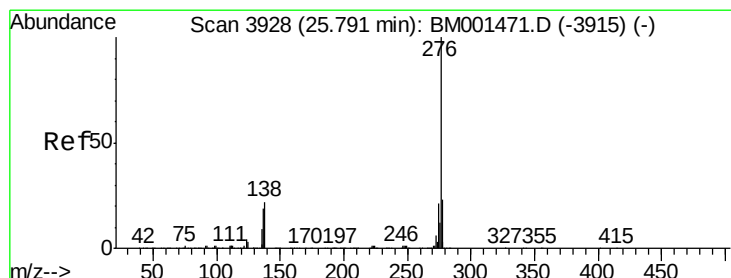
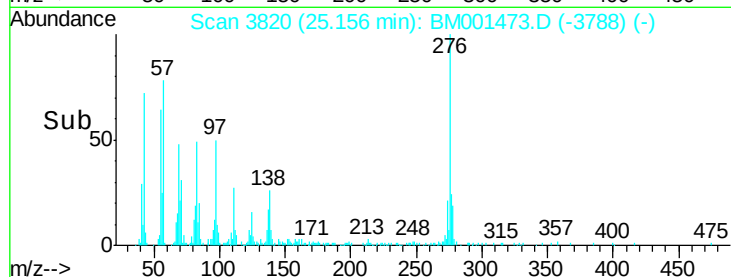
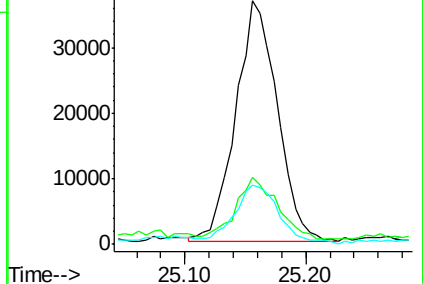
277 24.2 19.2 28.8



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



#91

Benzo(g,h,i)perylene

Concen: 2.33 ng/ul

RT: 25.79 min Scan# 3928

Delta R.T. 0.00 min

Lab File: BM001473.D

Acq: 30 May 2015 13:58

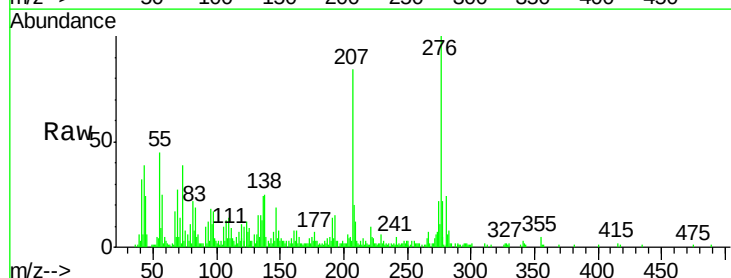
Tgt Ion: 276 Resp: 84856

Ion Ratio Lower Upper

276 100

138 25.4 17.9 26.9

277 22.1 19.7 29.5



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

