

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
 Data File : BM003126.D
 Acq On : 15 Nov 2015 11:23
 Operator : UM/IZ
 Sample : G4401-11
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC784

Quant Time: Nov 16 02:36:25 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 16 02:34:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	110416	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	503101	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	287942	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	619236	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	632208	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	616899	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	10494	4.48	ng/uL	0.00
5) Phenol-d5	6.90	99	219524	25.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	126012	24.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	186545	25.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	187371	26.62	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	87590	28.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	96478	31.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	179109	25.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	263257	29.18	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	625930	28.90	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	686146	25.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	99272	27.19	ng/ul	0.00
58) Fluorene-d10	15.39	176	507197	27.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	76001	26.50	ng/ul	0.00
71) Anthracene-d10	17.23	188	776604	28.29	ng/ul	0.00
79) Pyrene-d10	19.53	212	819800	26.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	862178	29.41	ng/ul	0.00

Target Compounds

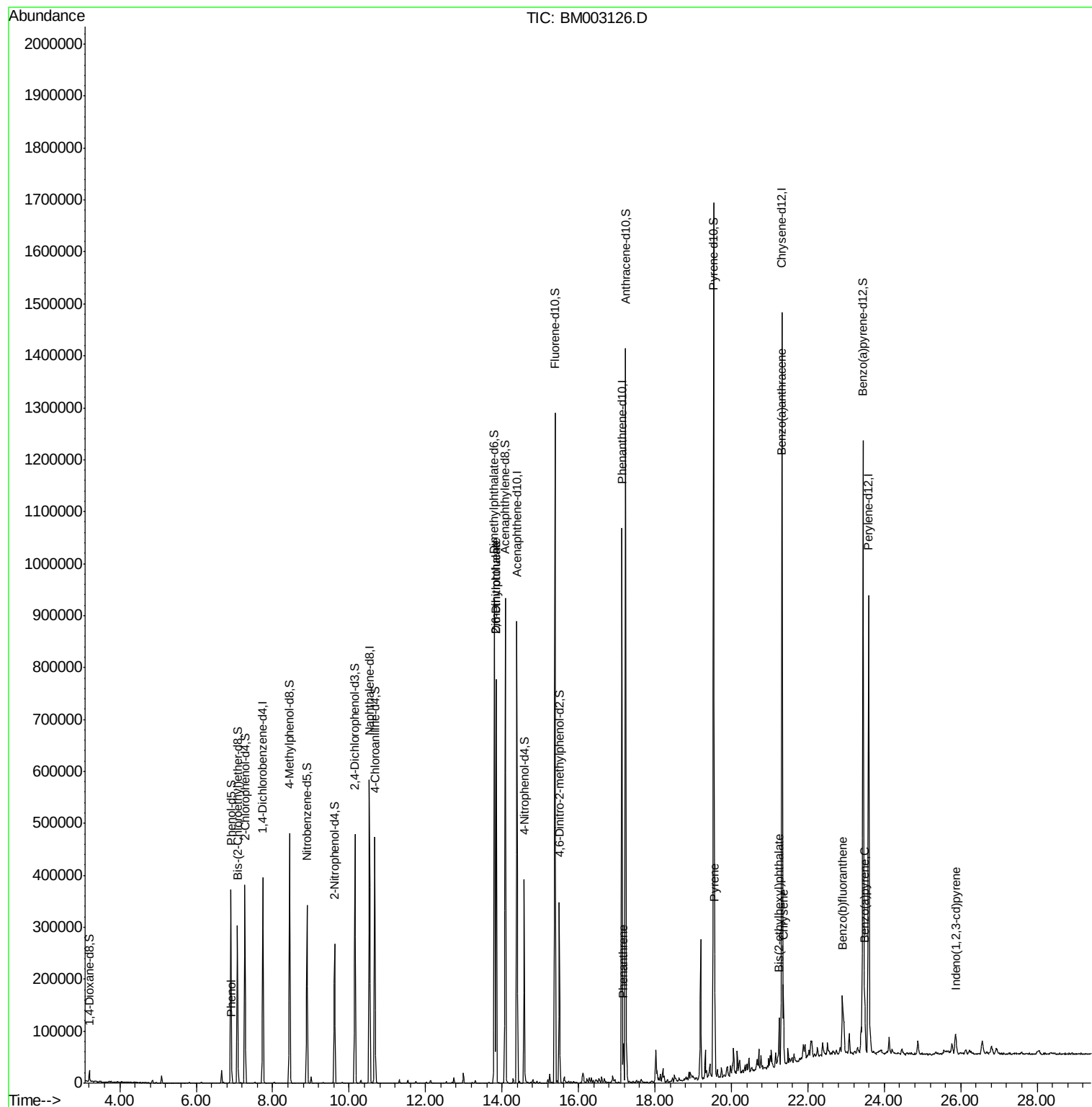
						Qvalue
6) Phenol	6.93	94	12441	1.38	ng/ul#	91
45) Dimethylphthalate	13.85	163	503379	22.80	ng/ul	99
46) 2,6-Dinitrotoluene	13.85	165	5520	1.53	ng/ul#	62
70) Phenanthrene	17.17	178	48627	1.39	ng/ul	98
80) Pyrene	19.56	202	140222	3.39	ng/ul#	91
83) Benzo(a)anthracene	21.32	228	90847	2.62	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.24	149	30900	1.62	ng/ul	99
85) Chrysene	21.36	228	78287	2.28	ng/ul	94
88) Benzo(b)fluoranthene	22.91	252	89772	2.53	ng/ul	97
91) Benzo(a)pyrene	23.49	252	73795	2.19	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.87	276	37466	1.01	ng/ul#	87

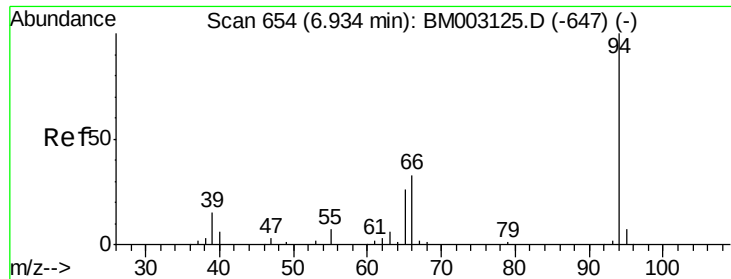
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.38 ng/ul

RT: 6.93 min Scan# 654

Delta R.T. 0.00 min

Lab File: BM003126.D

Acq: 15 Nov 2015 11:23

Instrument :

BNA_M

ClientSampled :

BC784

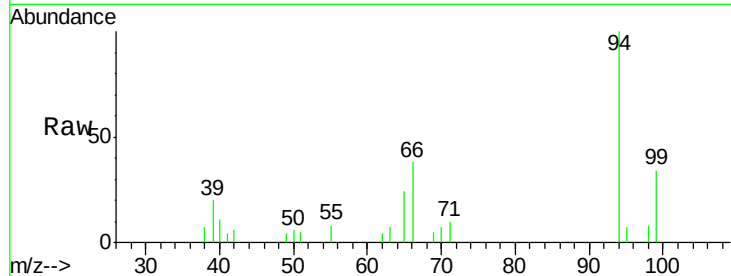
Tgt Ion: 94 Resp: 12441

Ion Ratio Lower Upper

94 100

65 24.1 18.7 28.1

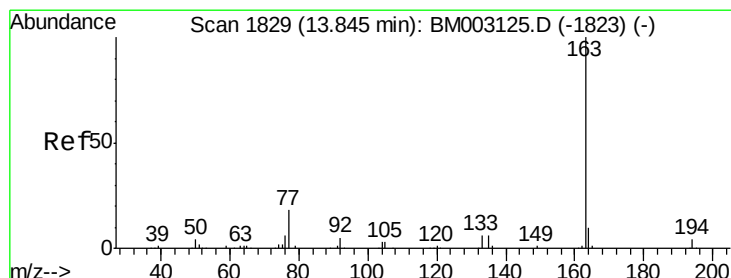
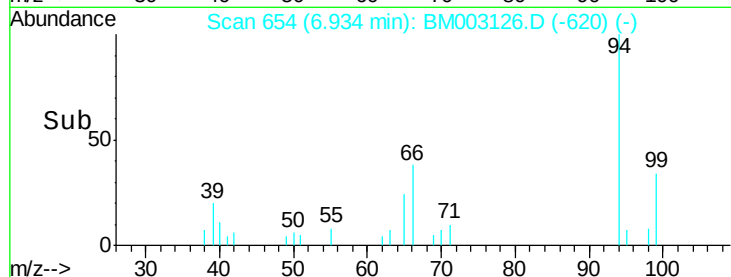
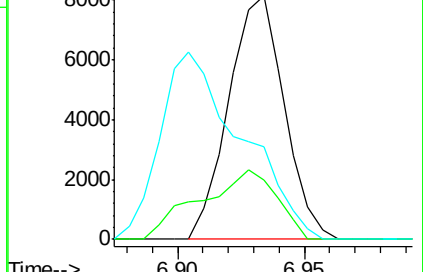
66 37.9 24.2 36.2#



Abundance Ion 94.00 (93.70 to 94.70): BM003125.D (-647) (-)

Ion 65.00 (64.70 to 65.70): BM003125.D (-647) (-)

Ion 66.00 (65.70 to 66.70): BM003125.D (-647) (-)



#45

Dimethylphthalate

Concen: 22.80 ng/ul

RT: 13.85 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BM003126.D

Acq: 15 Nov 2015 11:23

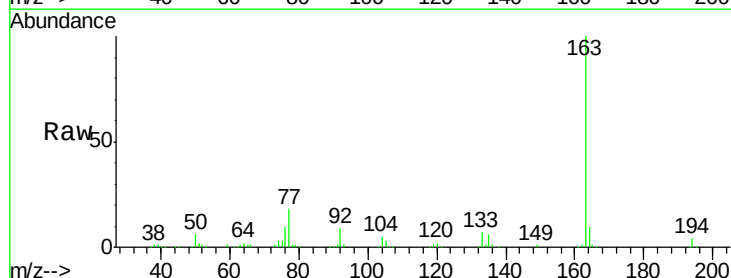
Tgt Ion:163 Resp: 503379

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

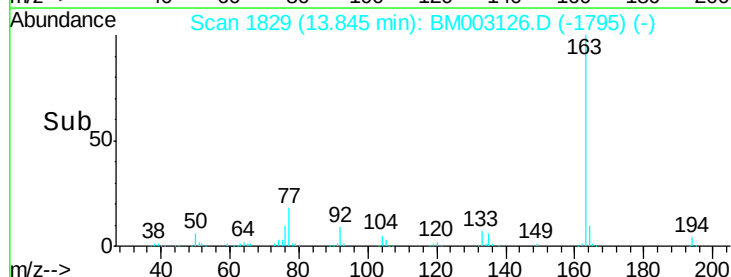
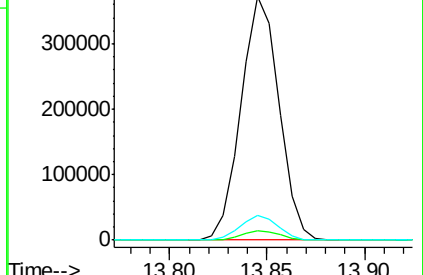
164 10.0 7.8 11.8

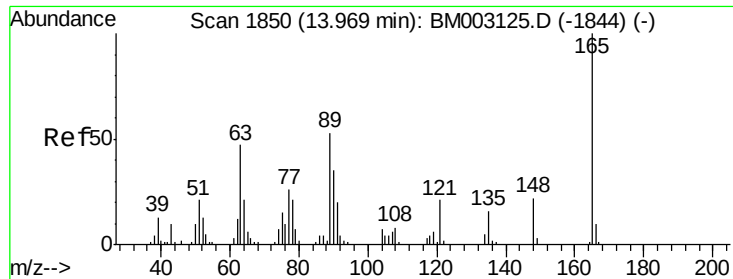


Abundance Ion 163.00 (162.70 to 163.70): BM003125.D (-1823) (-)

Ion 194.00 (193.70 to 194.70): BM003125.D (-1823) (-)

Ion 164.00 (163.70 to 164.70): BM003125.D (-1823) (-)

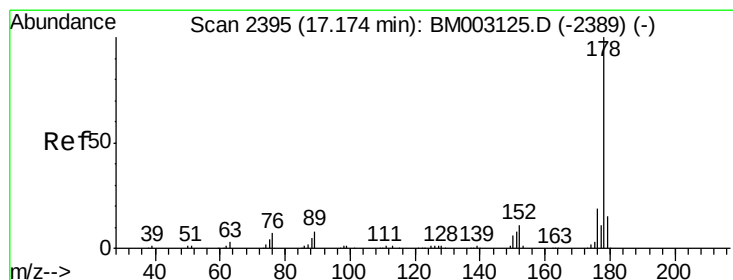
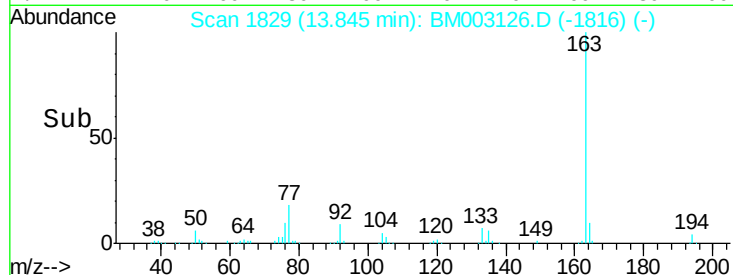
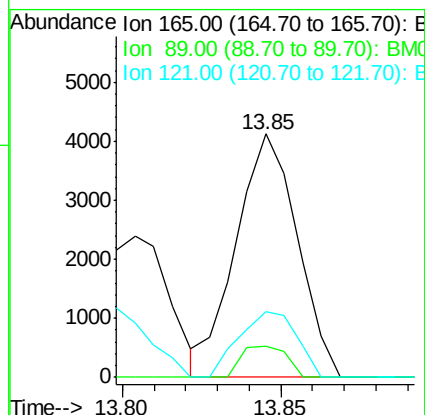
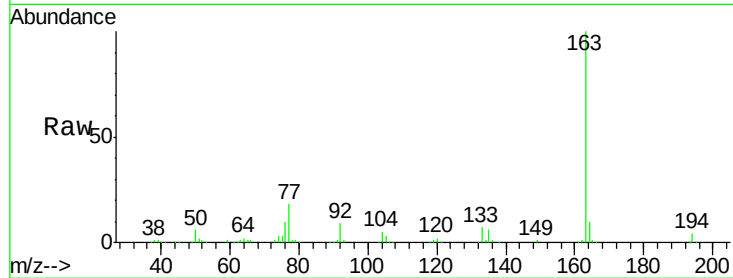




#46
 2,6-Dinitrotoluene
 Concen: 1.53 ng/ul
 RT: 13.85 min Scan# 1829
 Delta R.T. -0.12 min
 Lab File: BM003126.D
 Acq: 15 Nov 2015 11:23

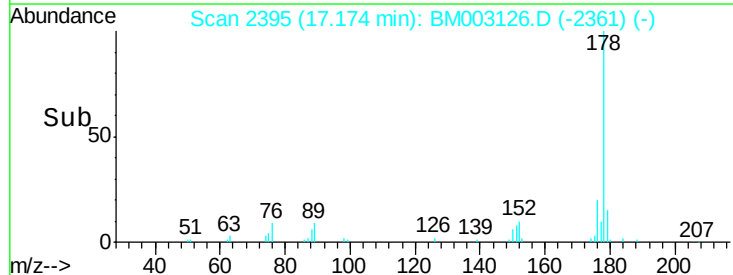
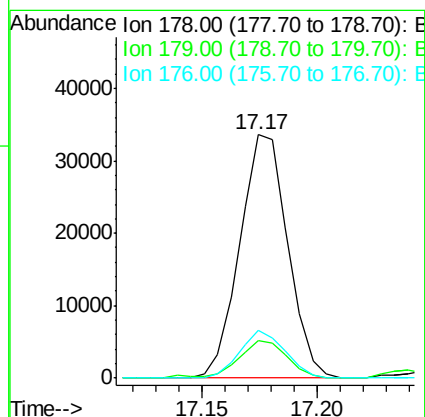
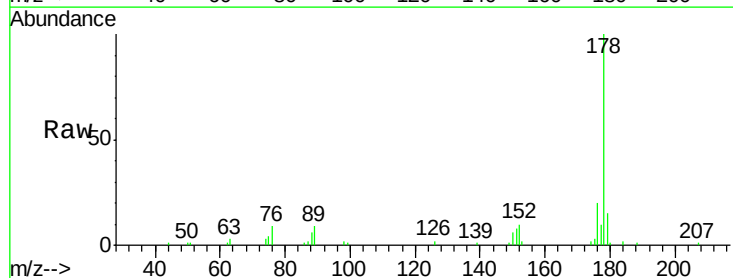
Instrument :
 BNA_M
 ClientSampleId :
 BC784

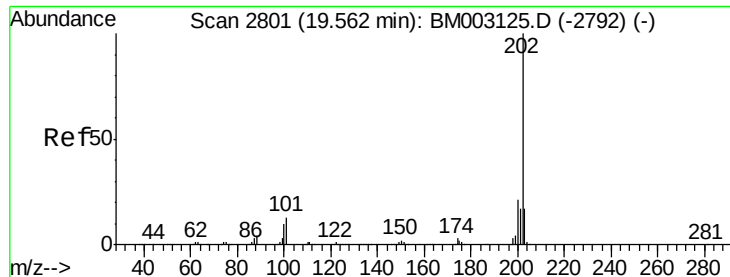
Tgt Ion:165 Resp: 5520
 Ion Ratio Lower Upper
 165 100
 89 12.7 34.6 51.8#
 121 27.1 15.4 23.0#



#70
 Phenanthrene
 Concen: 1.39 ng/ul
 RT: 17.17 min Scan# 2395
 Delta R.T. 0.00 min
 Lab File: BM003126.D
 Acq: 15 Nov 2015 11:23

Tgt Ion:178 Resp: 48627
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.2 18.4
 176 19.6 14.7 22.1

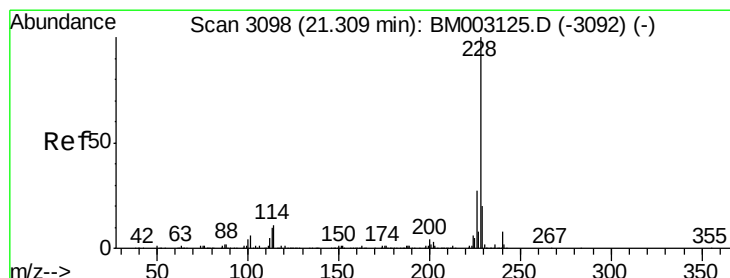
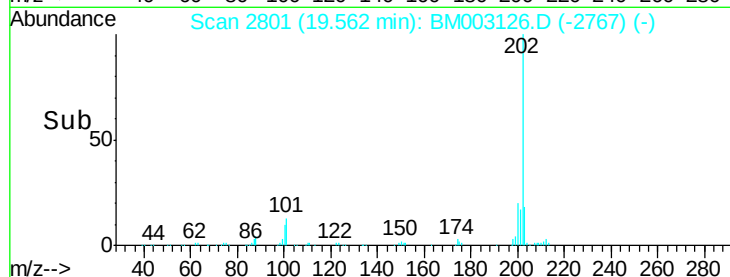
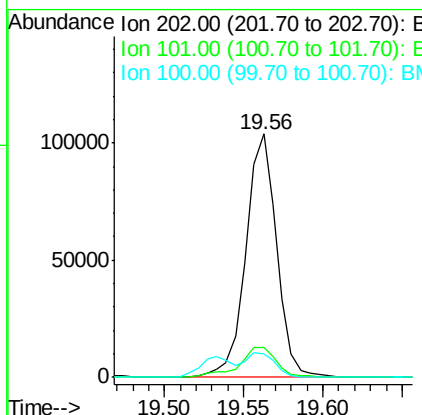
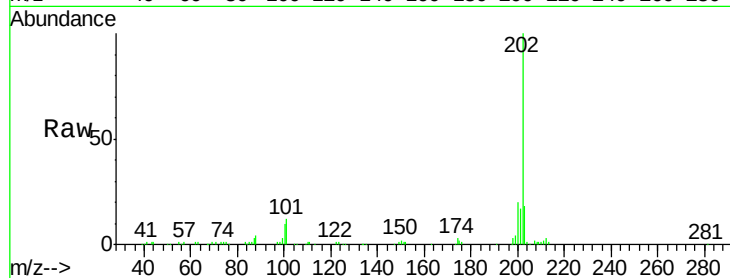




#80
 Pyrene
 Concen: 3.39 ng/ul
 RT: 19.56 min Scan# 2801
 Delta R.T. 0.00 min
 Lab File: BM003126.D
 Acq: 15 Nov 2015 11:23

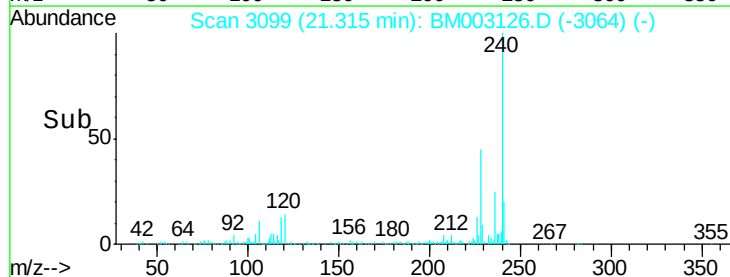
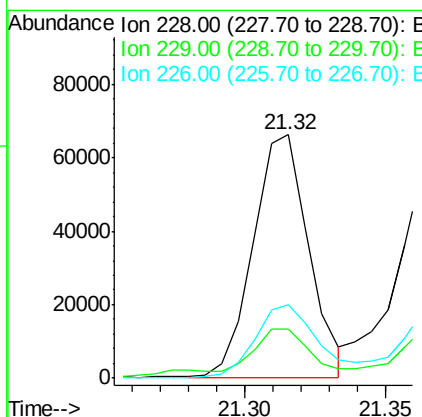
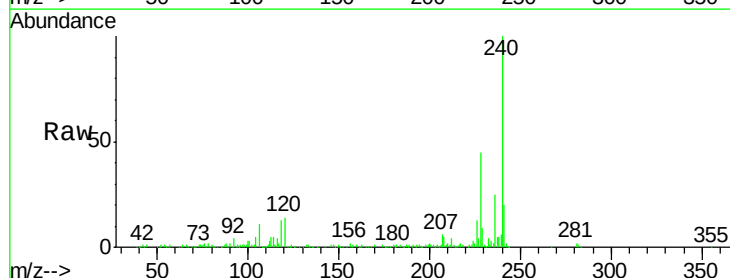
Instrument :
 BNA_M
 ClientSampled :
 BC784

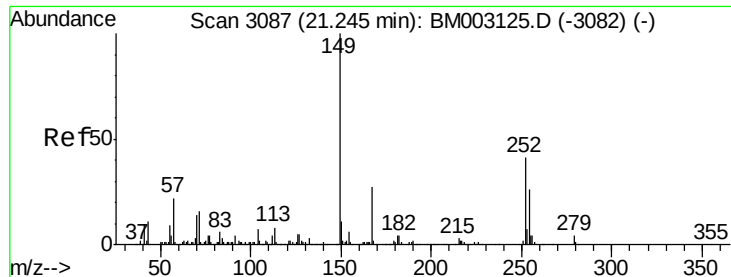
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	12.6	18.8#
100	9.6	10.6	15.8#



#83
 Benzo(a)anthracene
 Concen: 2.62 ng/ul
 RT: 21.32 min Scan# 3099
 Delta R.T. 0.01 min
 Lab File: BM003126.D
 Acq: 15 Nov 2015 11:23

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.6	23.4
226	30.2	21.0	31.6

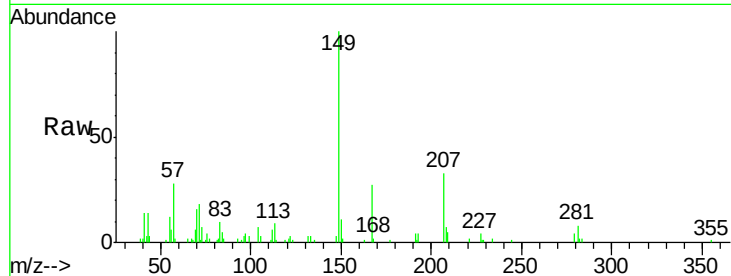




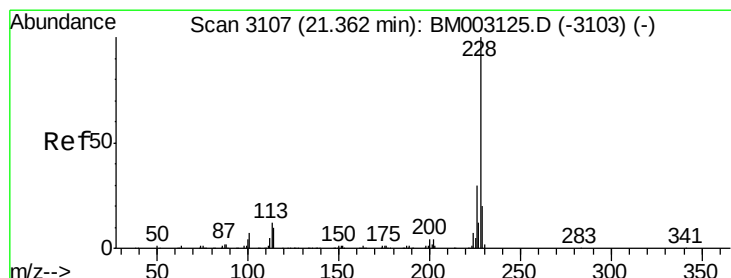
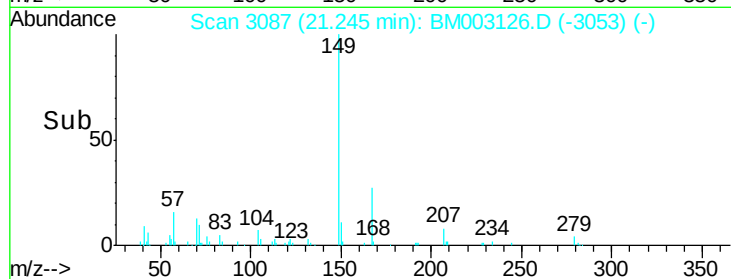
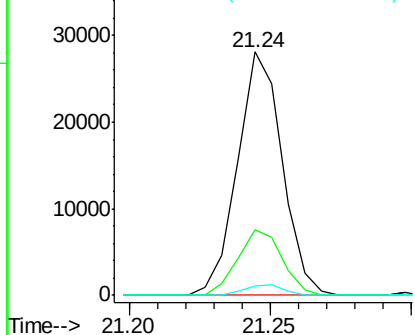
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.62 ng/ul
 RT: 21.24 min Scan# 3087
 Delta R.T. 0.00 min
 Lab File: BM003126.D
 Acq: 15 Nov 2015 11:23

Instrument :
 BNA_M
 ClientSampleId :
 BC784

Tgt Ion:149 Resp: 30900
 Ion Ratio Lower Upper
 149 100
 167 26.9 22.0 33.0
 279 3.9 3.2 4.8

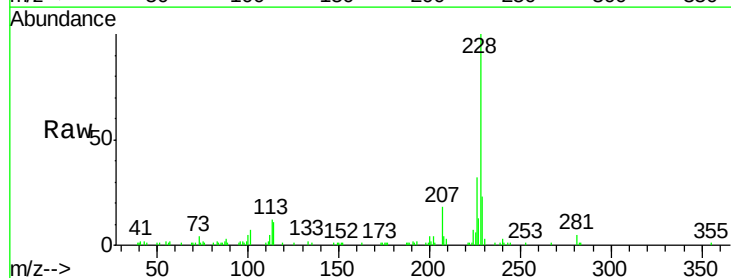


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

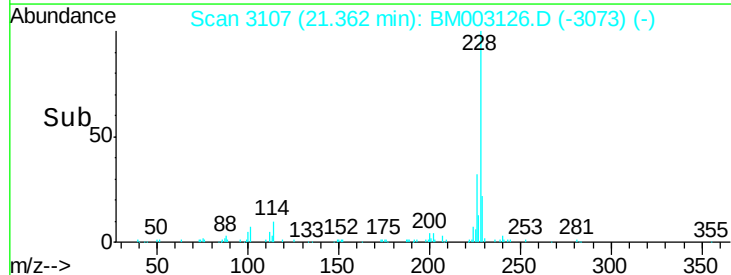
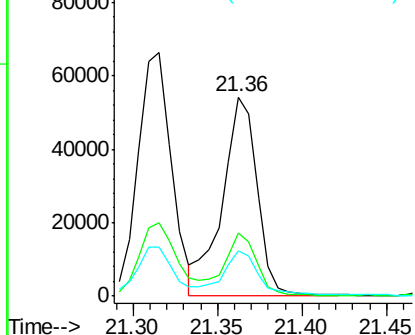


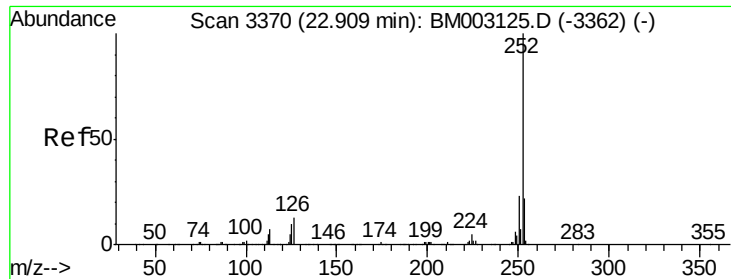
#85
 Chrysene
 Concen: 2.28 ng/ul
 RT: 21.36 min Scan# 3107
 Delta R.T. 0.00 min
 Lab File: BM003126.D
 Acq: 15 Nov 2015 11:23

Tgt Ion:228 Resp: 78287
 Ion Ratio Lower Upper
 228 100
 226 31.8 23.3 34.9
 229 22.8 15.8 23.6



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

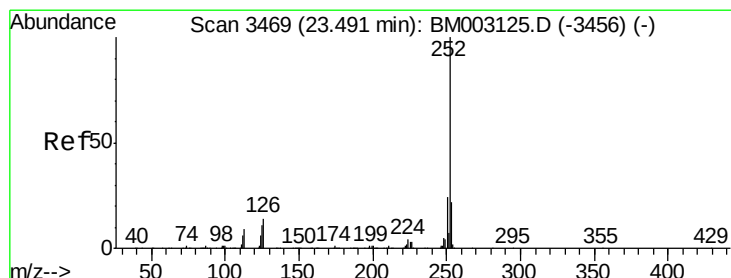
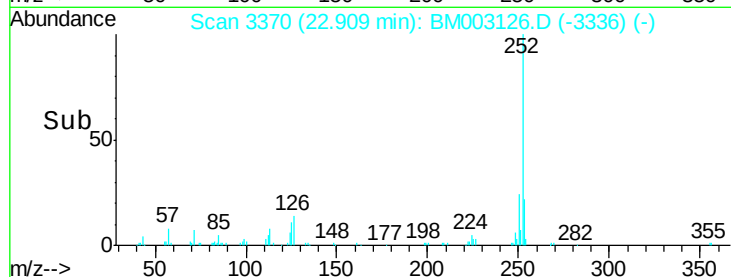
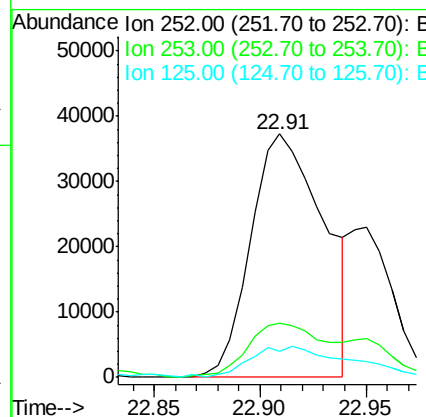
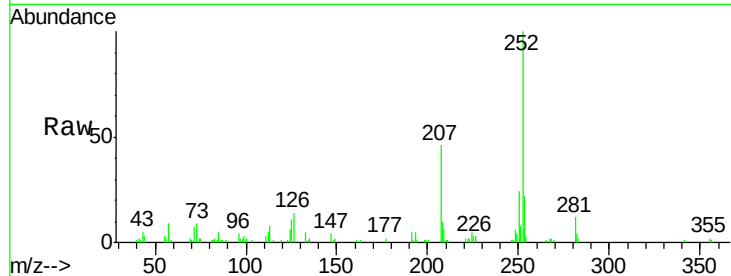




#88
Benzo(b)fluoranthene
Concen: 2.53 ng/ul
RT: 22.91 min Scan# 3370
Delta R.T. 0.00 min
Lab File: BM003126.D
Acq: 15 Nov 2015 11:23

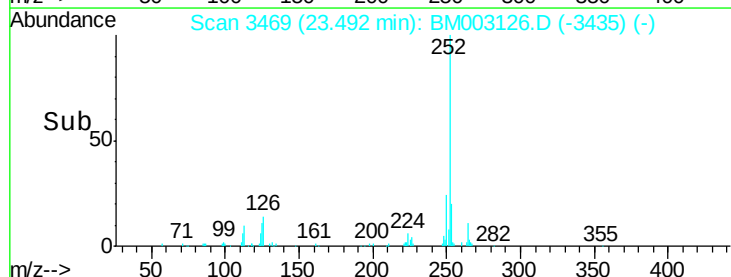
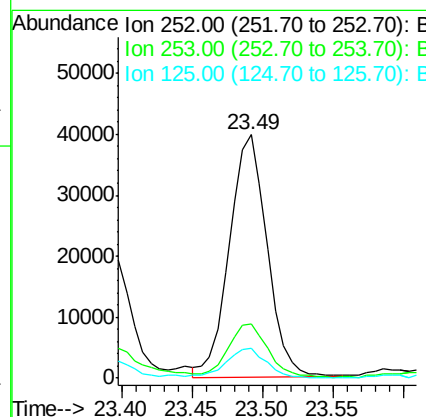
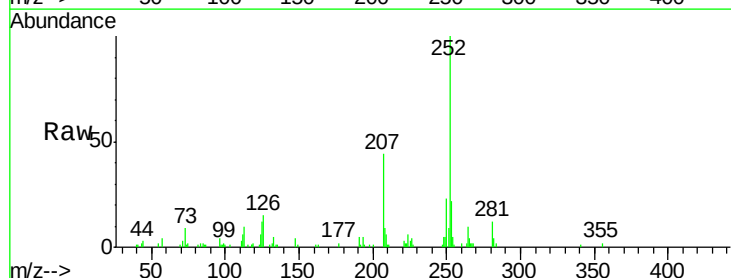
Instrument :
BNA_M
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BC784

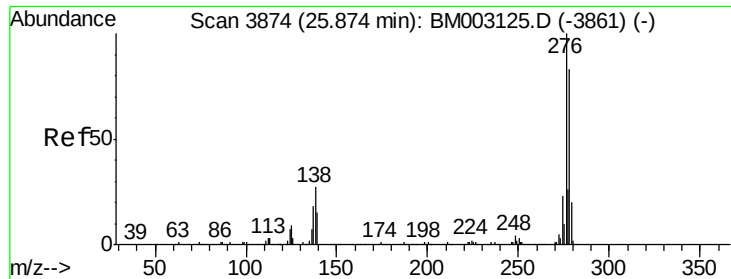
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	10.9	10.7	16.1



#91
Benzo(a)pyrene
Concen: 2.19 ng/ul
RT: 23.49 min Scan# 3469
Delta R.T. 0.00 min
Lab File: BM003126.D
Acq: 15 Nov 2015 11:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	12.0	11.9	17.9





#92

Indeno(1,2,3-cd)pyrene

Concen: 1.01 ng/ul

RT: 25.87 min Scan# 3873

Delta R.T. -0.01 min

Lab File: BM003126.D

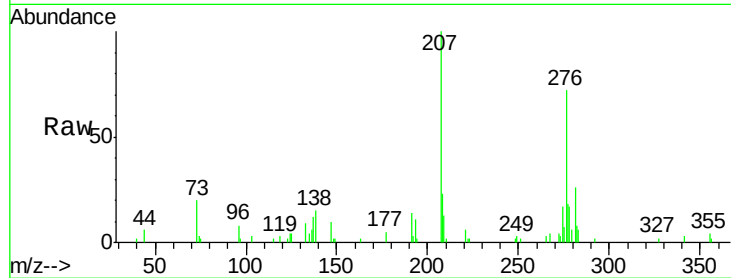
Acq: 15 Nov 2015 11:23

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:	276	Resp:	37466
Ion Ratio	Lower	Upper	
276	100		
138	20.9	26.6	40.0#
277	25.4	20.2	30.4

