

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110916\
 Data File : BM007797.D
 Acq On : 09 Nov 2016 15:09
 Operator : UM/SJ
 Sample : H5554-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5N83

Quant Time: Nov 09 16:38:59 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 09 16:26:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	201364	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	761563	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	475982	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	925015	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	1126813	20.00	ng/ul	0.00
83) Perylene-d12	23.56	264	1167363	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	13865	2.95	ng/uL	0.00
5) Phenol-d5	6.92	99	245698	15.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	152765	16.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	199812	16.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	185425	15.25	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	96685	17.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	102244	17.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	185976	16.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	193516	14.85	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	590428	18.22	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	681494	17.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	65855	12.85	ng/ul	0.00
57) Fluorene-d10	15.37	176	512940	18.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	72047	13.11	ng/ul	0.00
70) Anthracene-d10	17.22	188	813054	19.50	ng/ul	0.00
76) Pyrene-d10	19.52	212	965750	20.86	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.41	264	1015557	19.93	ng/ul	0.00

Target Compounds

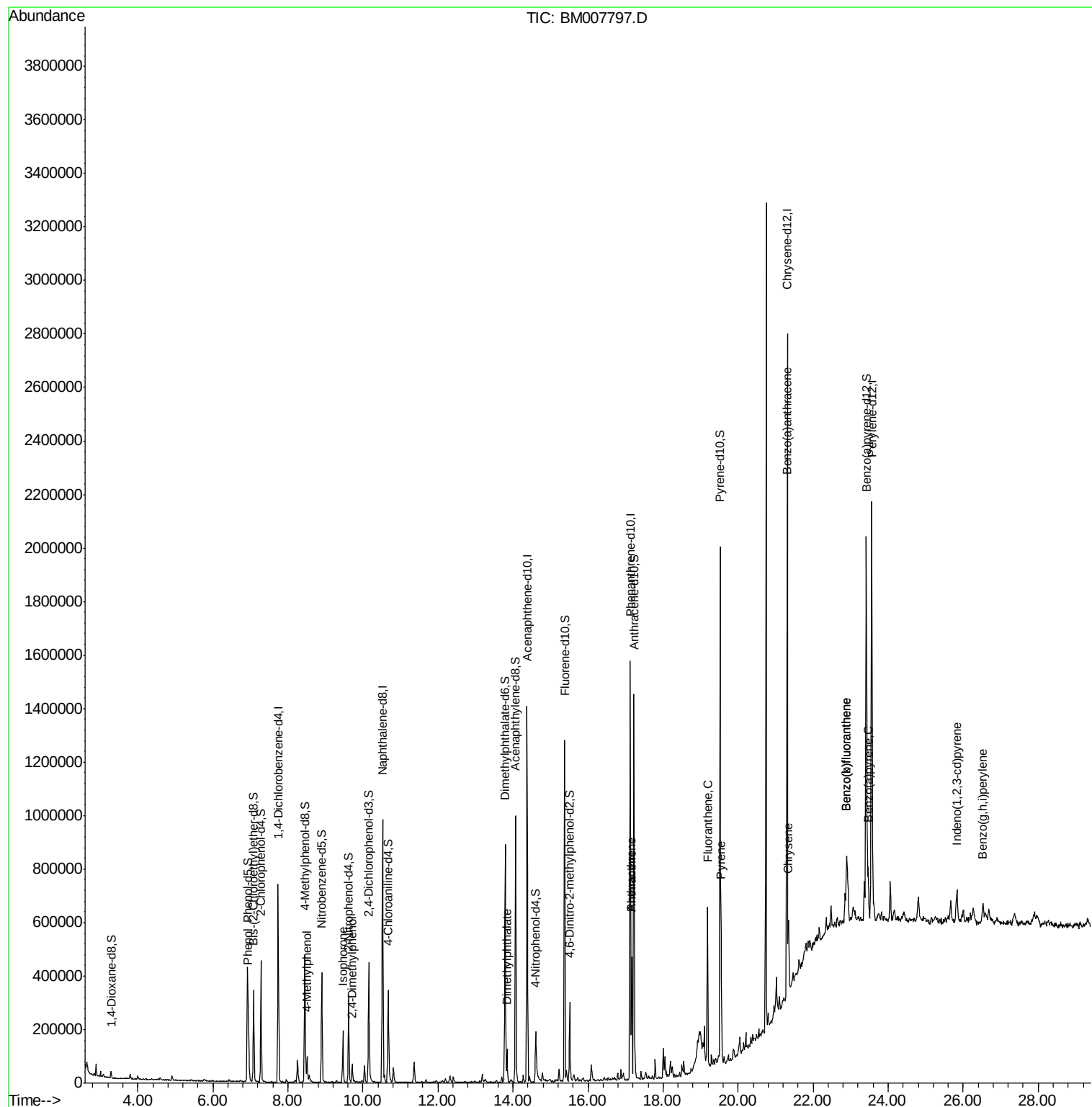
						Qvalue
6) Phenol	6.95	94	134424	8.43	ng/ul	99
16) 4-Methylphenol	8.51	108	38423	3.07	ng/ul	89
21) Isophorone	9.46	82	142475	5.91	ng/ul	99
24) 2,4-Dimethylphenol	9.71	107	22679	1.64	ng/ul	95
44) Dimethylphthalate	13.84	163	75133	2.39	ng/ul	98
69) Phenanthrene	17.17	178	276369	5.62	ng/ul	99
71) Anthracene	17.17	178	276369	5.52	ng/ul	98
74) Fluoranthene	19.19	202	344450	5.99	ng/ul	99
77) Pyrene	19.55	202	302942	5.20	ng/ul	98
80) Benzo(a)anthracene	21.30	228	138746	2.30	ng/ul	98
82) Chrysene	21.34	228	155539	2.69	ng/ul	99
85) Benzo(b)fluoranthene	22.89	252	218520	3.28	ng/ul#	94
86) Benzo(k)fluoranthene	22.89	252	218520	3.56	ng/ul#	95
88) Benzo(a)pyrene	23.46	252	142867	2.27	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.83	276	100335	1.33	ng/ul	98
91) Benzo(g,h,i)perylene	26.53	276	88908	1.41	ng/ul	97

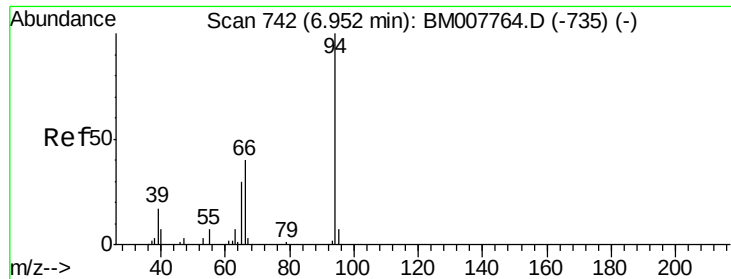
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 09 16:26:14 2016
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#6

Phenol

Concen: 8.43 ng/ul

RT: 6.95 min Scan# 741

Delta R.T. -0.00 min

Lab File: BM007797.D

Acq: 09 Nov 2016 15:09

Instrument :

BNA_M

ClientSampleId :

E5N83

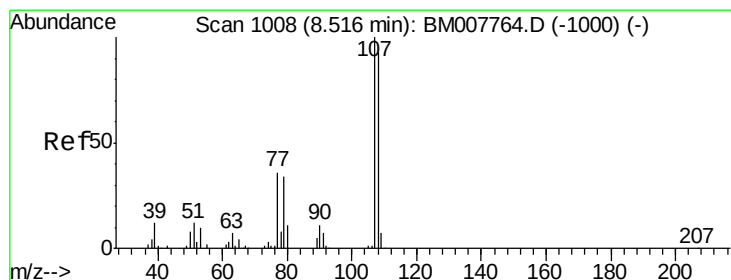
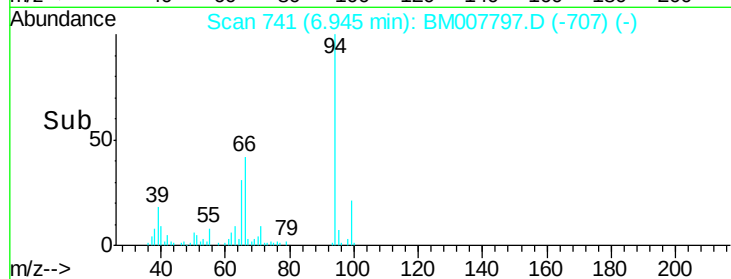
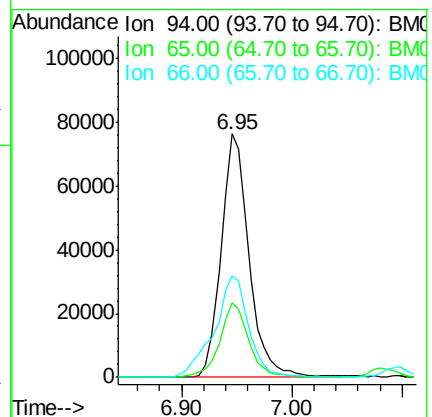
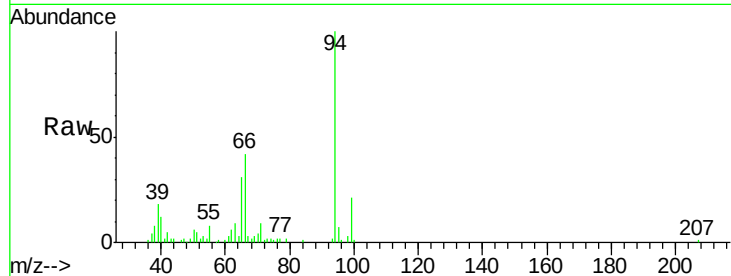
Tgt Ion: 94 Resp: 134424

Ion Ratio Lower Upper

94 100

65 30.7 23.9 35.9

66 41.9 33.5 50.3



#16

4-Methylphenol

Concen: 3.07 ng/ul

RT: 8.51 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BM007797.D

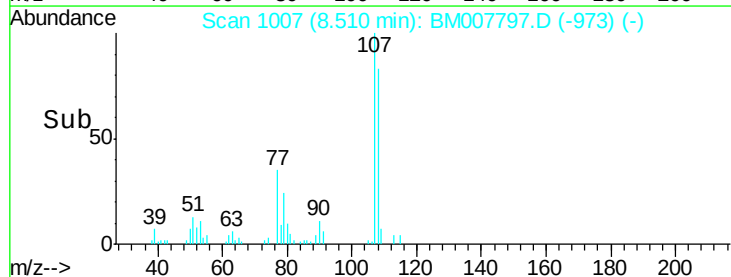
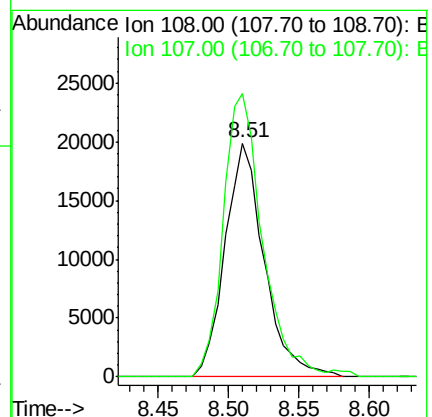
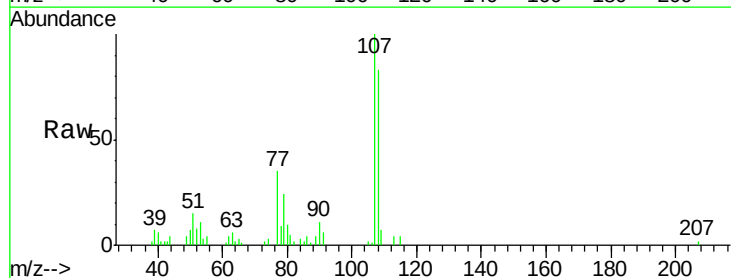
Acq: 09 Nov 2016 15:09

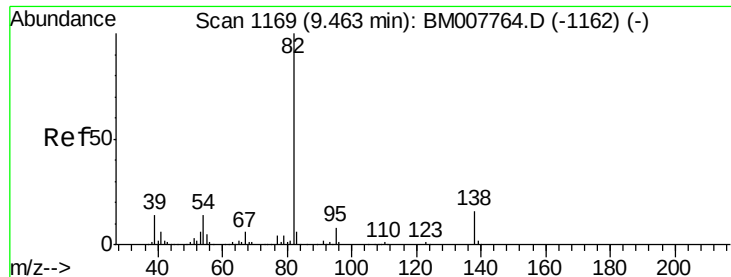
Tgt Ion: 108 Resp: 38423

Ion Ratio Lower Upper

108 100

107 121.0 87.8 131.8





#21

Isophorone

Concen: 5.91 ng/ul

RT: 9.46 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BM007797.D

Acq: 09 Nov 2016 15:09

Instrument :

BNA_M

ClientSampleId :

E5N83

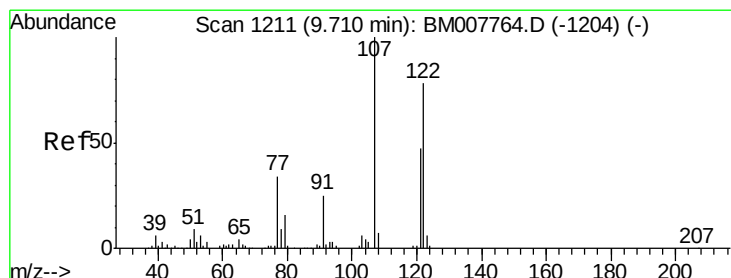
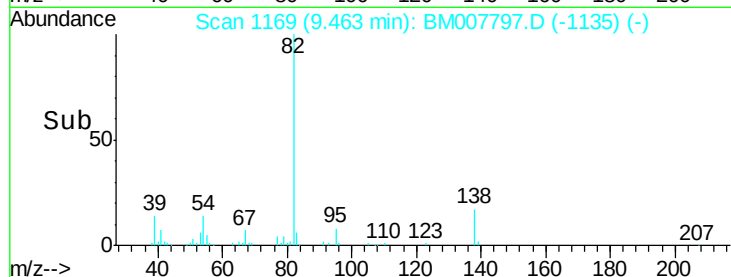
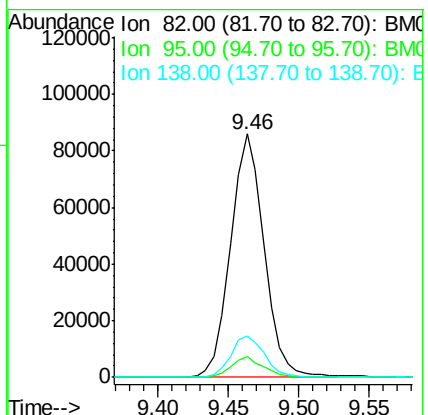
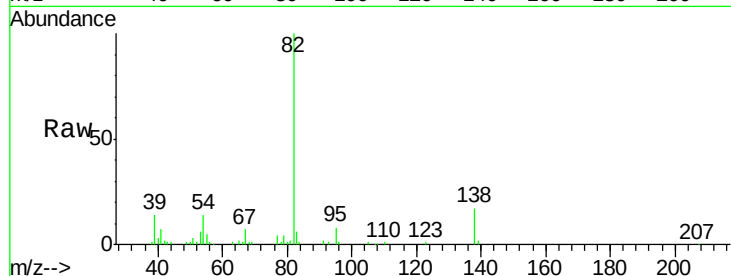
Tgt Ion: 82 Resp: 142475

Ion Ratio Lower Upper

82 100

95 8.5 6.9 10.3

138 17.0 13.8 20.8



#24

2,4-Dimethylphenol

Concen: 1.64 ng/ul

RT: 9.71 min Scan# 1211

Delta R.T. 0.01 min

Lab File: BM007797.D

Acq: 09 Nov 2016 15:09

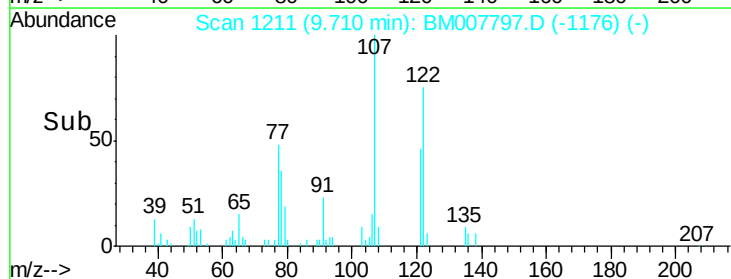
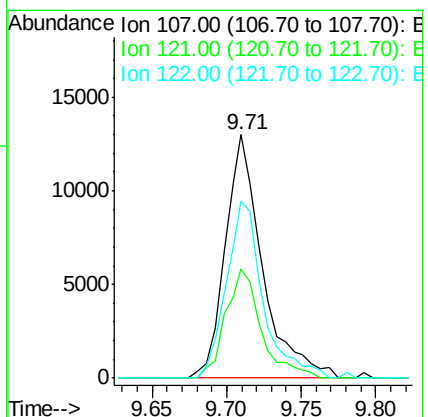
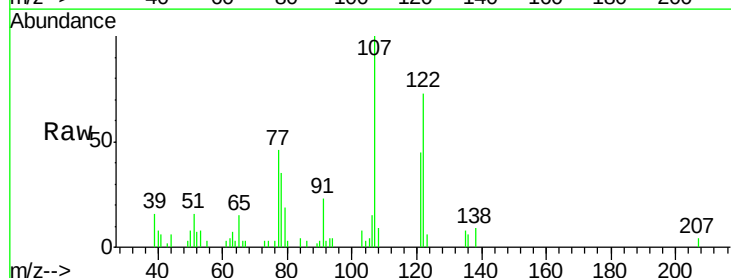
Tgt Ion: 107 Resp: 22679

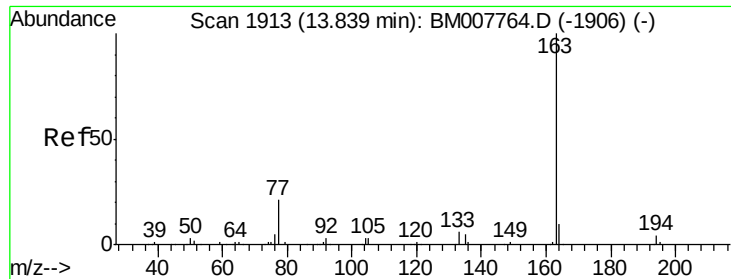
Ion Ratio Lower Upper

107 100

121 44.9 37.1 55.7

122 72.9 62.8 94.2

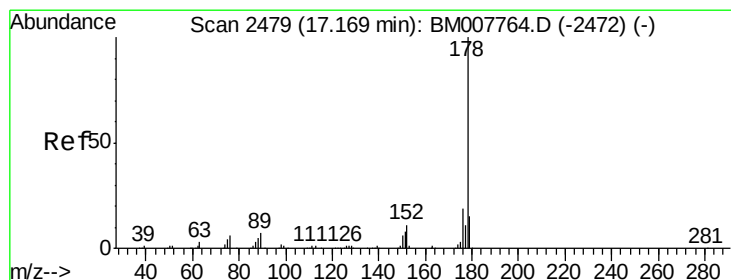
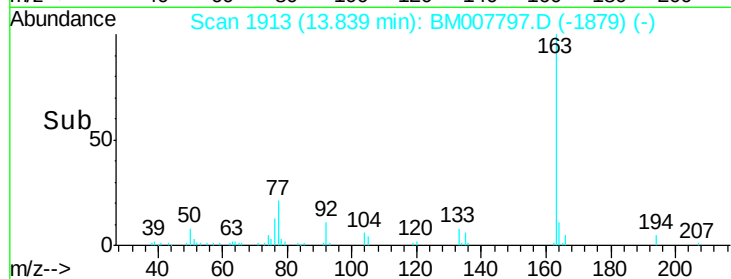
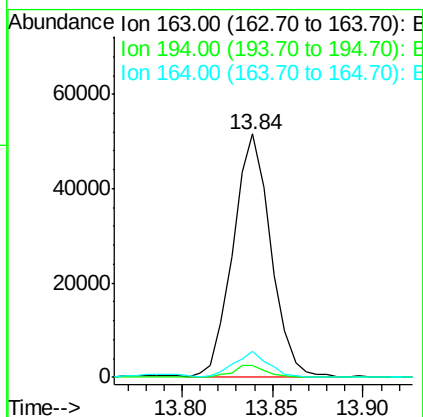
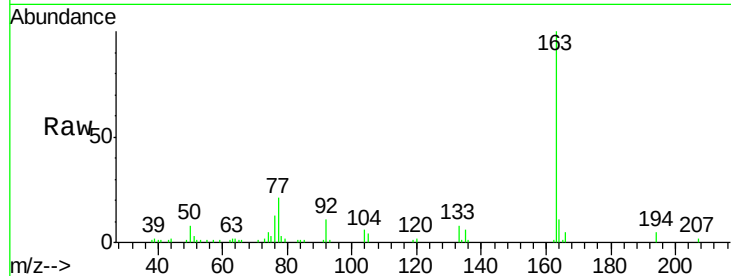




#44
Dimethylphthalate
Concen: 2.39 ng/ul
RT: 13.84 min Scan# 1913
Delta R.T. -0.00 min
Lab File: BM007797.D
Acq: 09 Nov 2016 15:09

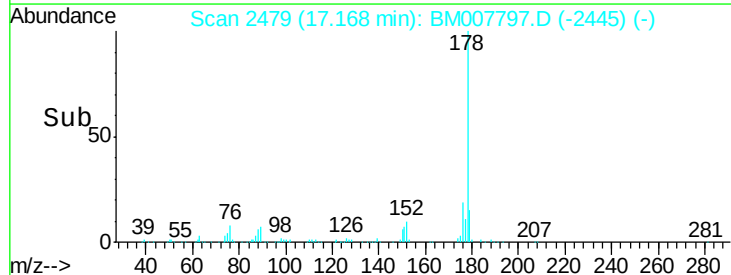
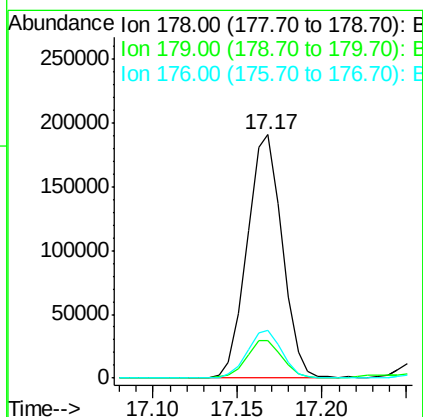
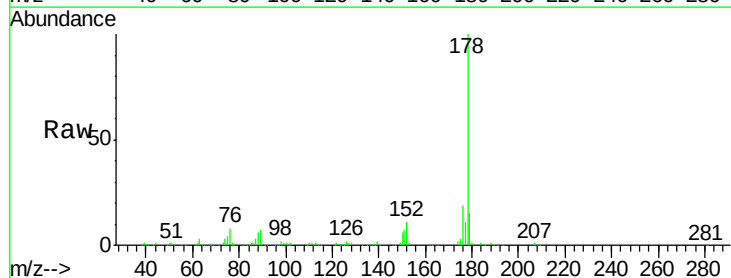
Instrument :
BNA_M
ClientSampleId :
E5N83

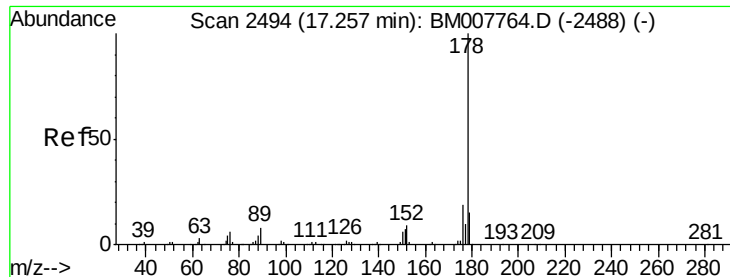
Tgt Ion:163 Resp: 75133
Ion Ratio Lower Upper
163 100
194 4.8 3.4 5.2
164 10.5 7.8 11.8



#69
Phenanthrene
Concen: 5.62 ng/ul
RT: 17.17 min Scan# 2479
Delta R.T. -0.00 min
Lab File: BM007797.D
Acq: 09 Nov 2016 15:09

Tgt Ion:178 Resp: 276369
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.2
176 19.4 15.1 22.7

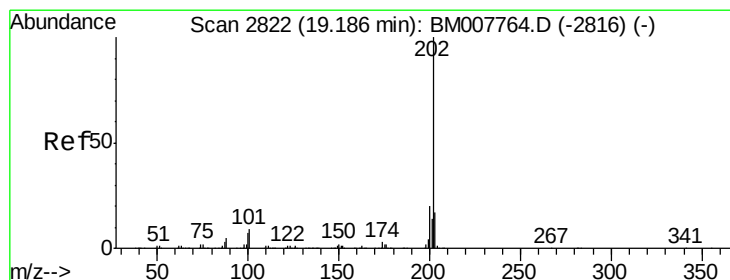
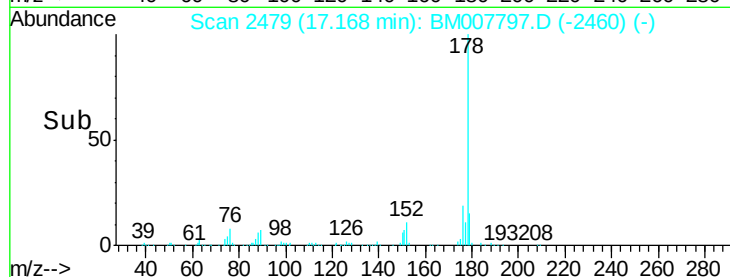
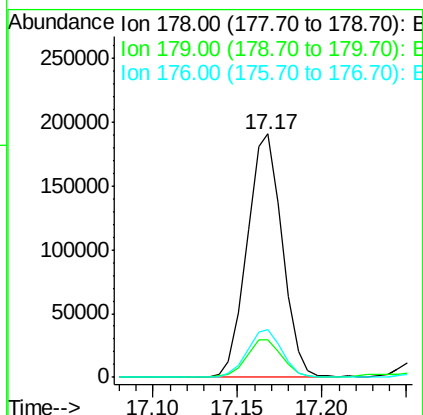
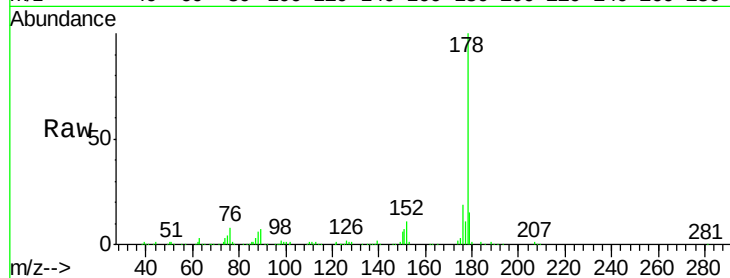




#71
 Anthracene
 Concen: 5.52 ng/ul
 RT: 17.17 min Scan# 2479
 Delta R.T. -0.09 min
 Lab File: BM007797.D
 Acq: 09 Nov 2016 15:09

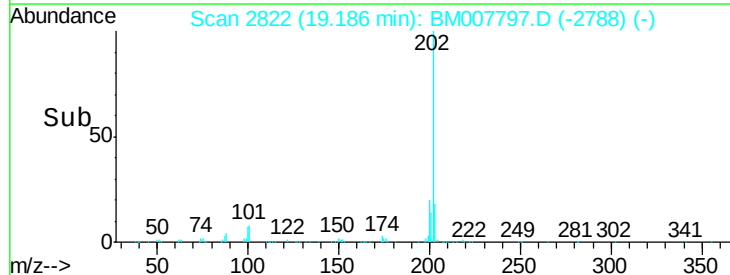
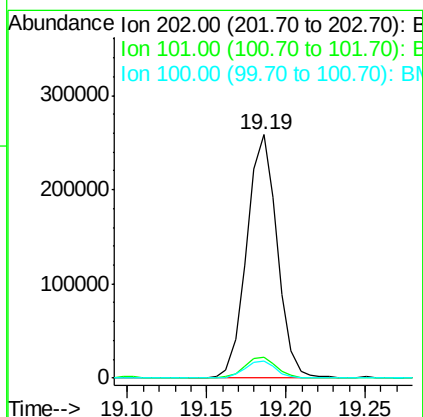
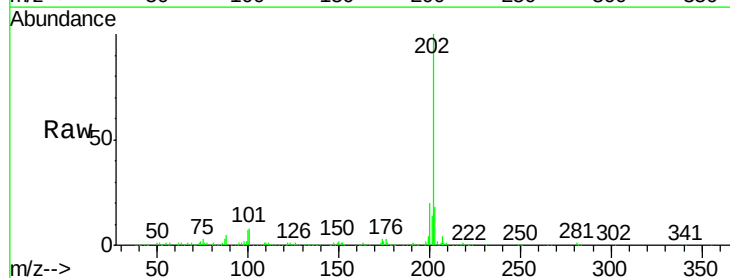
Instrument :
 BNA_M
 ClientSampleId :
 E5N83

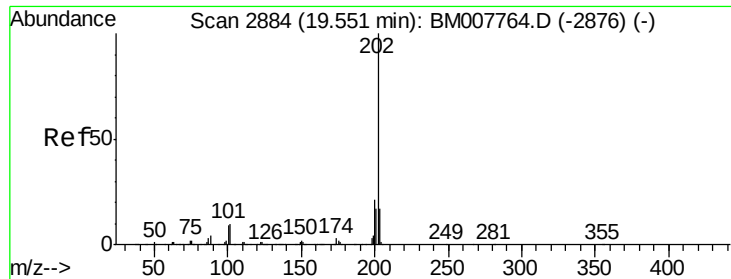
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.1	18.1
176	19.4	14.5	21.7



#74
 Fluoranthene
 Concen: 5.99 ng/ul
 RT: 19.19 min Scan# 2822
 Delta R.T. -0.00 min
 Lab File: BM007797.D
 Acq: 09 Nov 2016 15:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.9	10.3
100	7.1	5.4	8.0





#77

Pyrene

Concen: 5.20 ng/ul

RT: 19.55 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BM007797.D

Acq: 09 Nov 2016 15:09

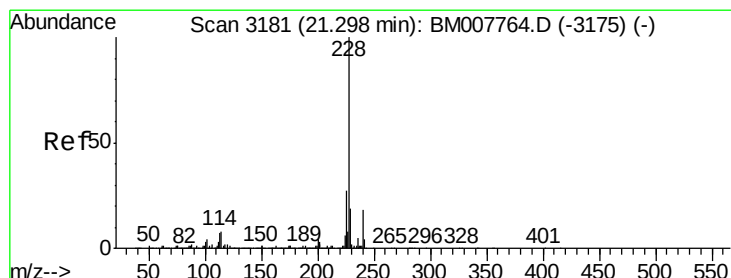
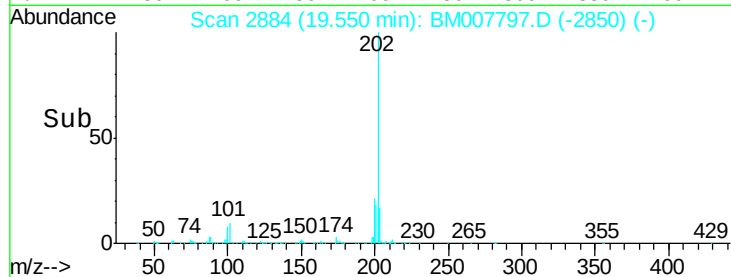
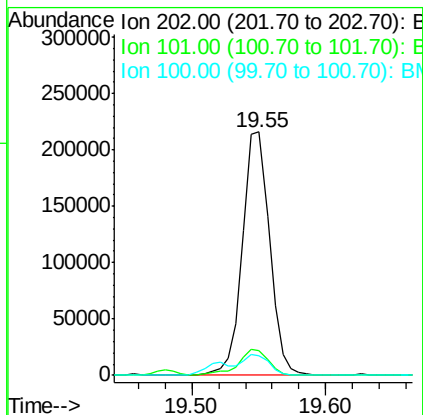
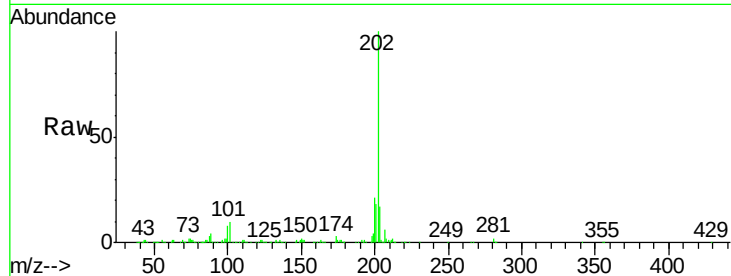
Instrument :

BNA_M

ClientSampleId :

E5N83

Tgt Ion:	202	Resp:	302942
Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.4	12.6
100	7.8	6.9	10.3



#80

Benzo(a)anthracene

Concen: 2.30 ng/ul

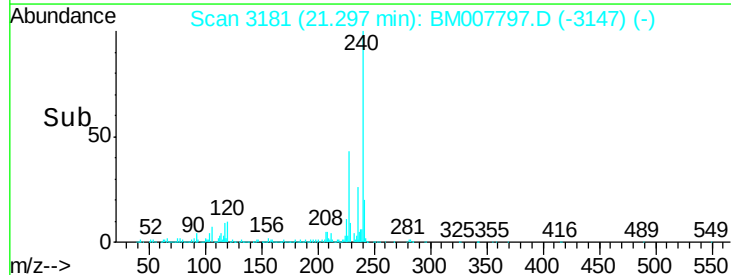
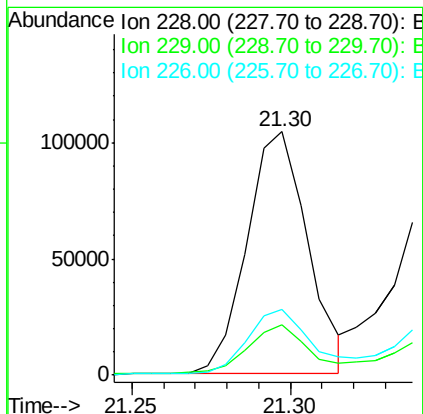
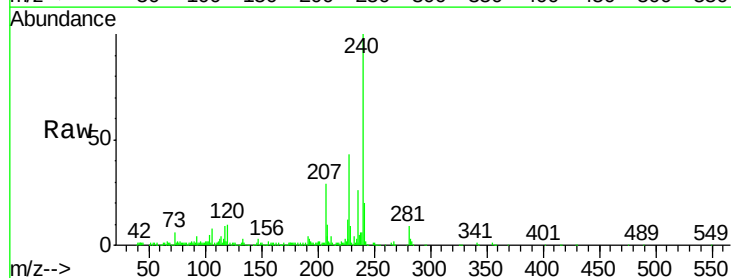
RT: 21.30 min Scan# 3181

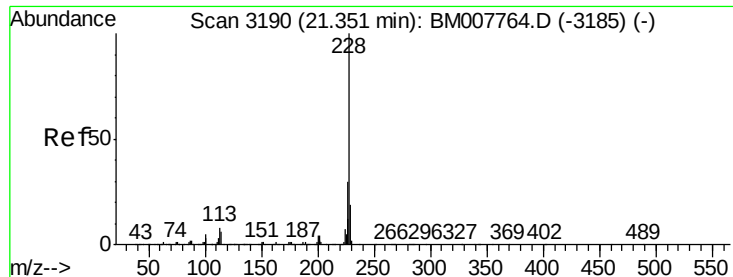
Delta R.T. -0.00 min

Lab File: BM007797.D

Acq: 09 Nov 2016 15:09

Tgt Ion:	228	Resp:	138746
Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.6	23.4
226	26.8	21.8	32.8





#82

Chrysene

Concen: 2.69 ng/ul

RT: 21.34 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BM007797.D

Acq: 09 Nov 2016 15:09

Instrument :

BNA_M

ClientSampled :

E5N83

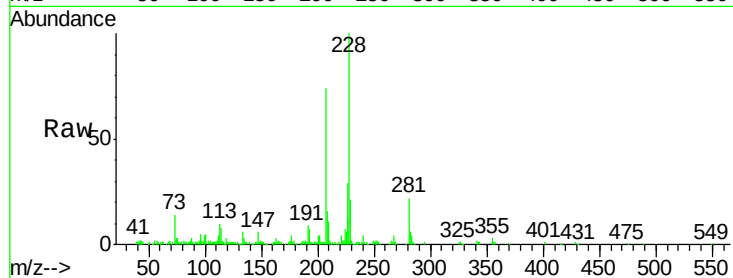
Tgt Ion:228 Resp: 155539

Ion Ratio Lower Upper

228 100

226 29.2 23.4 35.2

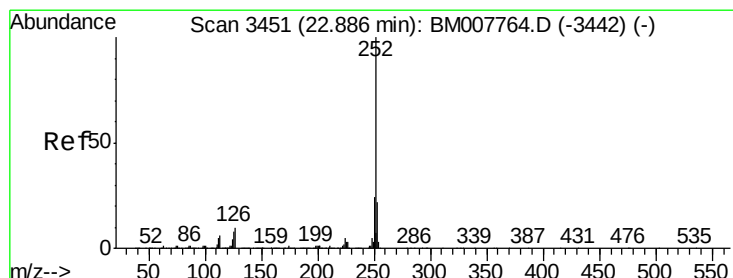
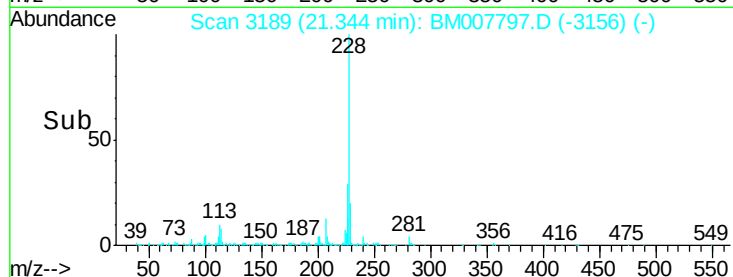
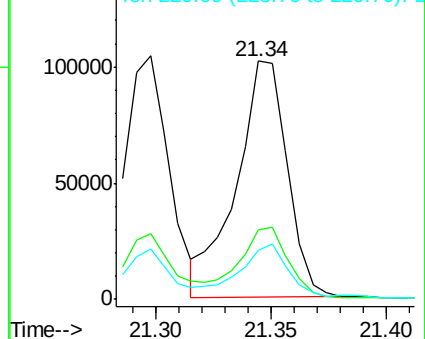
229 20.6 15.5 23.3



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



#85

Benzo(b)fluoranthene

Concen: 3.28 ng/ul

RT: 22.89 min Scan# 3451

Delta R.T. -0.00 min

Lab File: BM007797.D

Acq: 09 Nov 2016 15:09

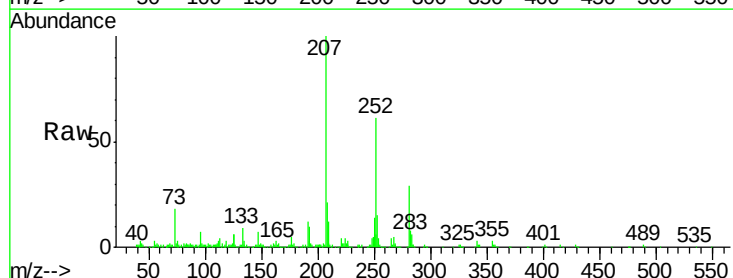
Tgt Ion:252 Resp: 218520

Ion Ratio Lower Upper

252 100

253 23.8 17.1 25.7

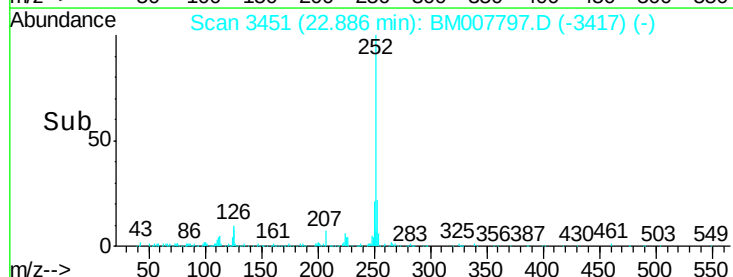
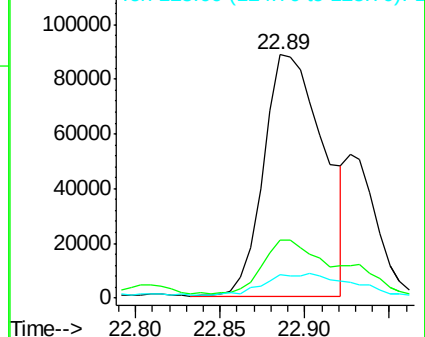
125 9.8 5.8 8.8#

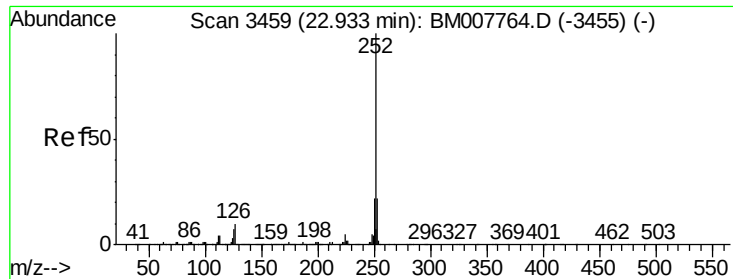


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

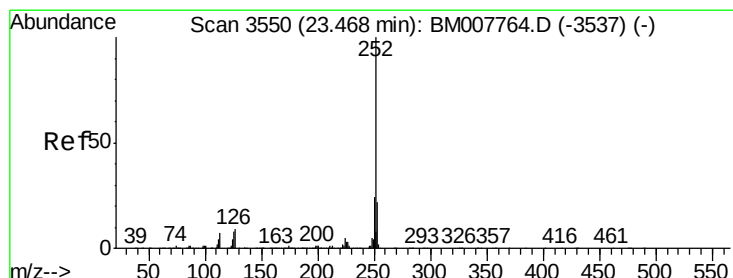
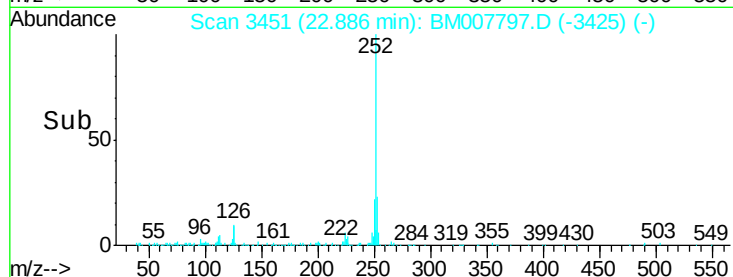
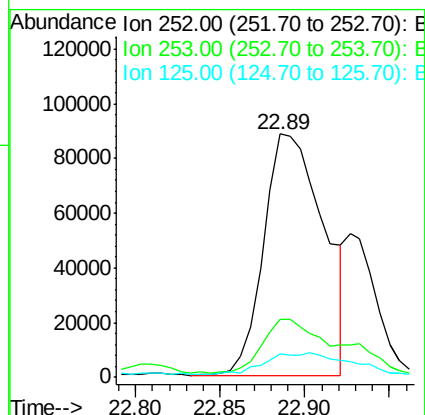
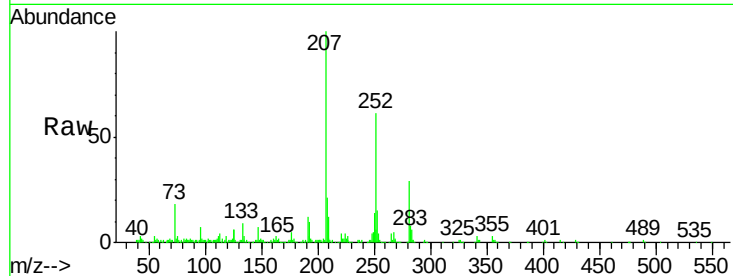




#86
Benzo(k)fluoranthene
Concen: 3.56 ng/ul
RT: 22.89 min Scan# 3451
Delta R.T. -0.05 min
Lab File: BM007797.D
Acq: 09 Nov 2016 15:09

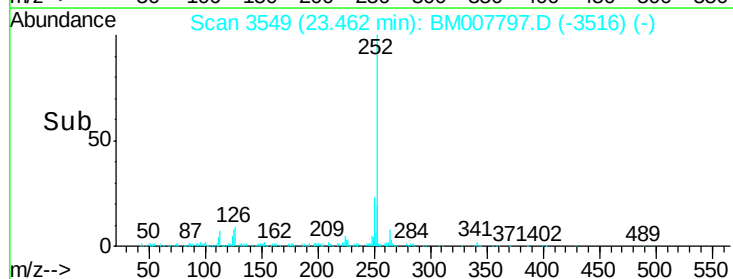
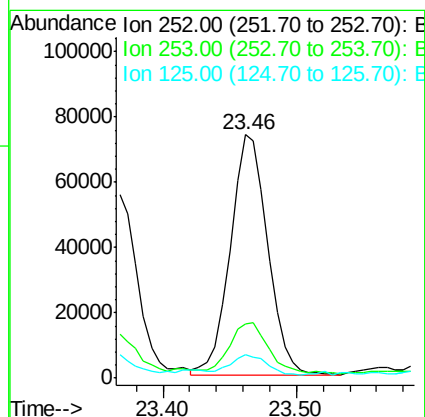
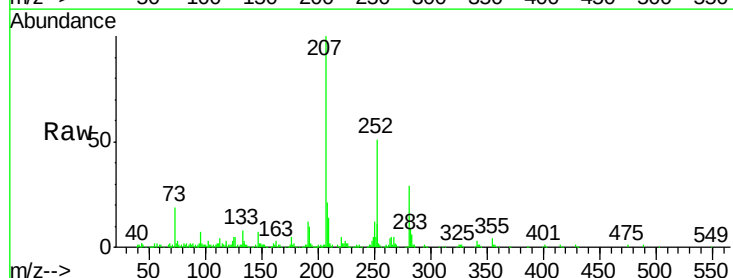
Instrument :
BNA_M
ClientSampleId :
E5N83

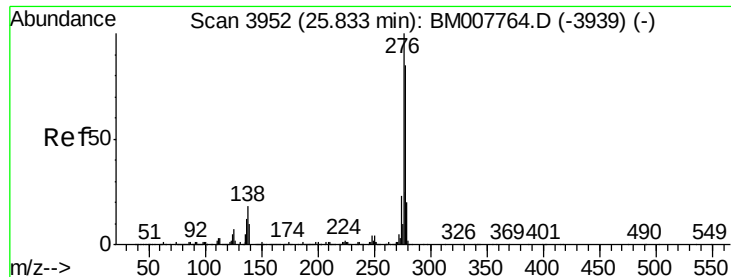
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.6	26.4
125	9.8	5.7	8.5#



#88
Benzo(a)pyrene
Concen: 2.27 ng/ul
RT: 23.46 min Scan# 3549
Delta R.T. -0.01 min
Lab File: BM007797.D
Acq: 09 Nov 2016 15:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	9.7	6.6	9.8





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.33 ng/ul

RT: 25.83 min Scan# 3951

Delta R.T. -0.00 min

Lab File: BM007797.D

Acq: 09 Nov 2016 15:09

Instrument :

BNA_M

ClientSampleId :

E5N83

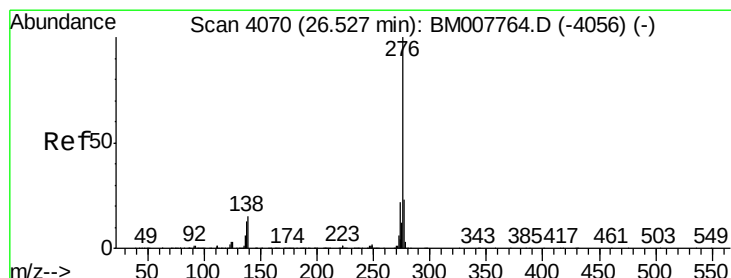
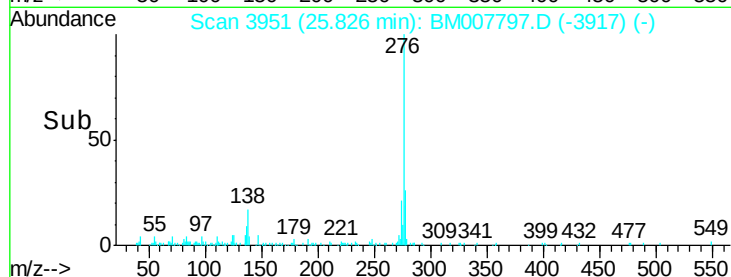
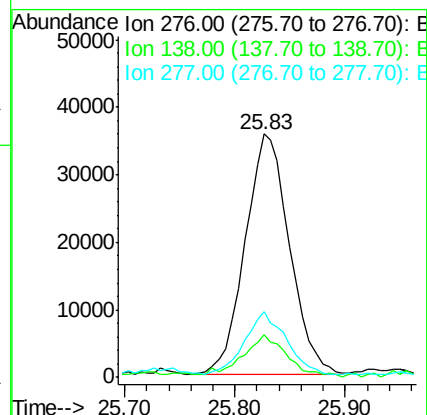
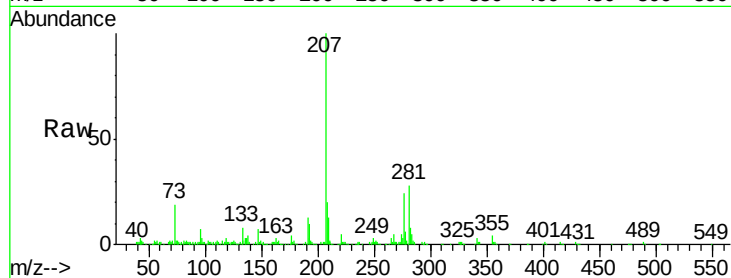
Tgt Ion:276 Resp: 100335

Ion Ratio Lower Upper

276 100

138 17.5 13.9 20.9

277 26.8 20.1 30.1



#91

Benzo(g,h,i)perylene

Concen: 1.41 ng/ul

RT: 26.53 min Scan# 4070

Delta R.T. -0.00 min

Lab File: BM007797.D

Acq: 09 Nov 2016 15:09

Tgt Ion:276 Resp: 88908

Ion Ratio Lower Upper

276 100

138 15.2 13.5 20.3

277 25.1 19.3 28.9

