

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
 Data File : BM012507.D
 Acq On : 28 Oct 2017 04:17
 Operator : SJ/JU
 Sample : I5786-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 28 05:27:19 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 28 05:27:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	704512	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	2676676	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	1486844	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	3134086	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	3048830	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	3331733	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	61598	4.47	ng/uL	0.00
5) Phenol-d5	7.04	99	1337524	22.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	832549	23.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	1065920	24.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	990562	19.69	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	511832	30.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	586537	33.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.28	165	1133728	24.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	572493	11.87	ng/ul	0.00
43) Dimethylphthalate-d6	13.91	166	3270473	25.18	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	3996883	26.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	452647	23.44	ng/ul	0.00
57) Fluorene-d10	15.49	176	2766428	25.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	453362	29.89	ng/ul	0.00
70) Anthracene-d10	17.34	188	3963007	26.53	ng/ul	0.00
76) Pyrene-d10	19.63	212	4152848	29.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	4264001	26.94	ng/ul	0.00

Target Compounds

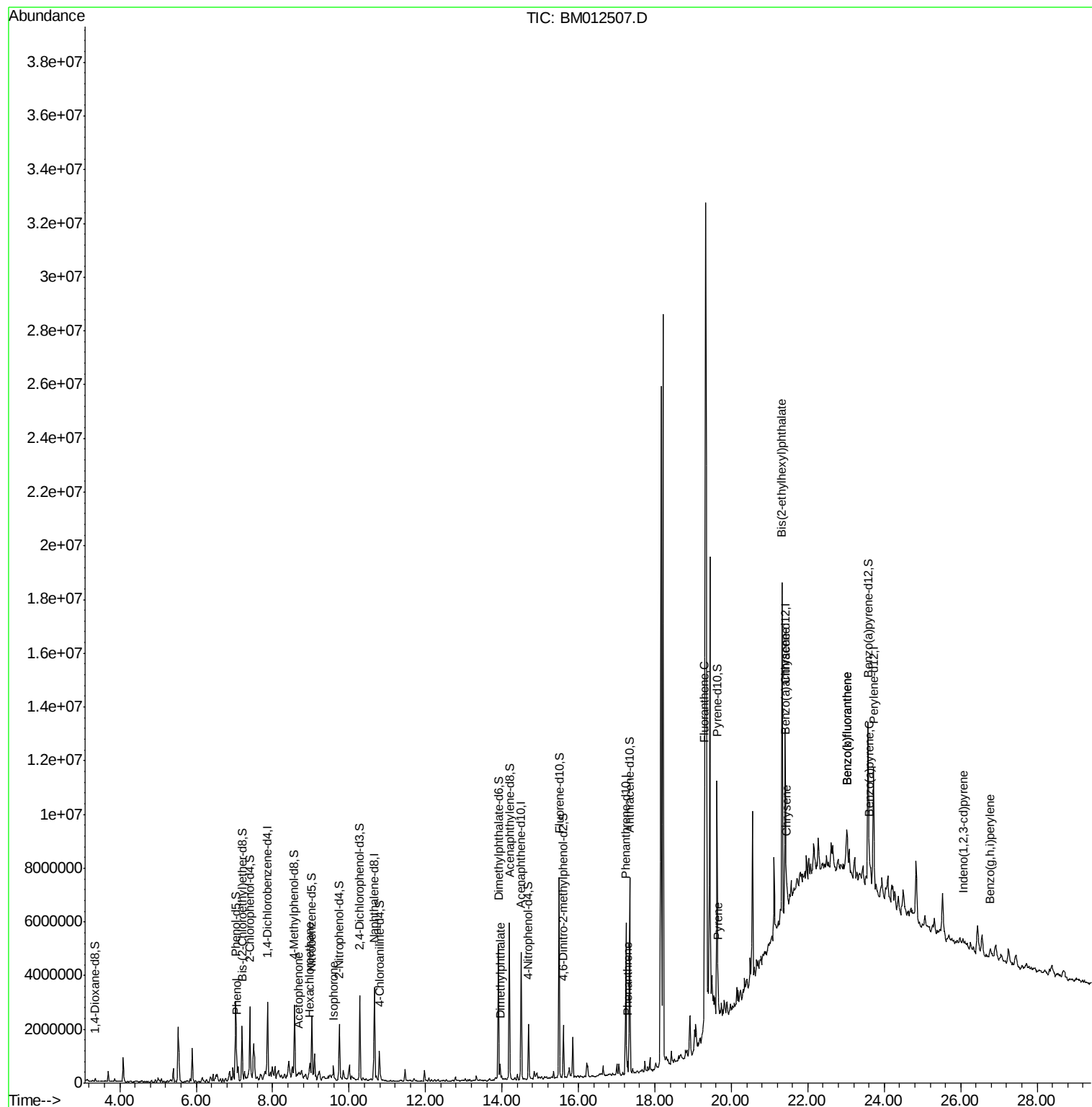
						Ovalue
6) Phenol	7.06	94	265569	4.33	ng/ul#	85
14) Acetophenone	8.67	105	111934	1.42	ng/ul#	34
17) Hexachloroethane	8.97	117	25952	1.36	ng/ul#	1
21) Isophorone	9.59	82	225131	2.20	ng/ul#	78
44) Dimethylphthalate	13.95	163	298769	2.33	ng/ul	99
69) Phenanthrene	17.28	178	284604	1.68	ng/ul	98
74) Fluoranthene	19.29	202	544030	2.83	ng/ul#	80
77) Pyrene	19.66	202	554698	3.20	ng/ul#	92
80) Benzo(a)anthracene	21.40	228	338754	1.86	ng/ul#	86
81) Bis(2-ethylhexyl)phthalate	21.33	149	4347642	41.83	ng/ul	99
82) Chrysene	21.45	228	425031	2.62	ng/ul#	89
85) Benzo(b)fluoranthene	23.03	252	597794	2.90	ng/ul#	1
86) Benzo(k)fluoranthene	23.03	252	597794	3.08	ng/ul#	1
88) Benzo(a)pyrene	23.62	252	374464	1.91	ng/ul#	70
89) Indeno(1,2,3-cd)pyrene	26.06	276	337442	1.46	ng/ul#	88
91) Benzo(g,h,i)perylene	26.78	276	319796	1.71	ng/ul#	85

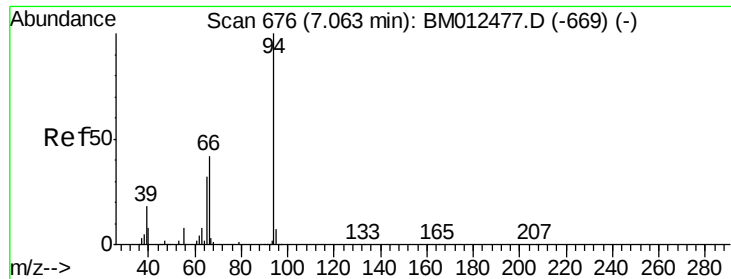
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 05:27:13 2017
Response via : Initial Calibration





#6

Phenol

Concen: 4.33 ng/ul

RT: 7.06 min Scan# 676

Delta R.T. -0.00 min

Lab File: BM012507.D

Acq: 28 Oct 2017 04:17

Instrument :

BNA_M

ClientSampleId :

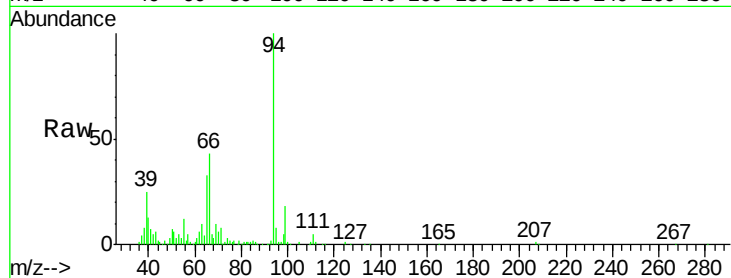
Tot Ion: 94 Resp: 265569

Ion Ratio Lower Upper

94 100

65 32.9 28.2 42.4

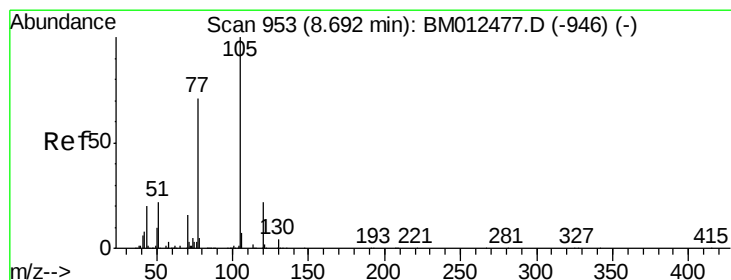
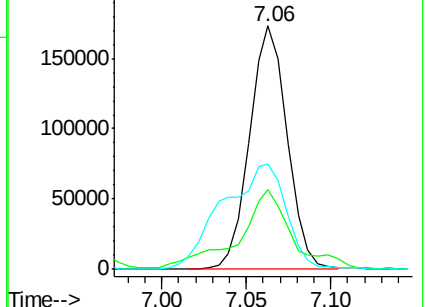
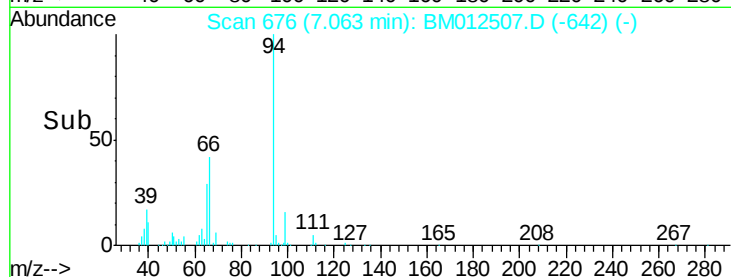
66 43.2 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM012507.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM012507.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM012507.D (-642) (-)



#14

Acetophenone

Concen: 1.42 ng/ul

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BM012507.D

Acq: 28 Oct 2017 04:17

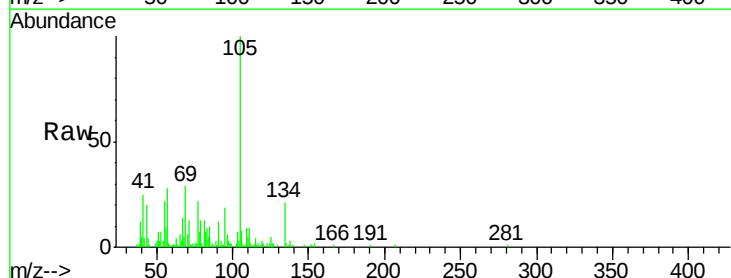
Tgt Ion: 105 Resp: 111934

Ion Ratio Lower Upper

105 100

77 22.2 74.2 111.4#

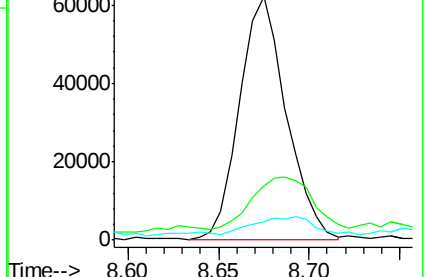
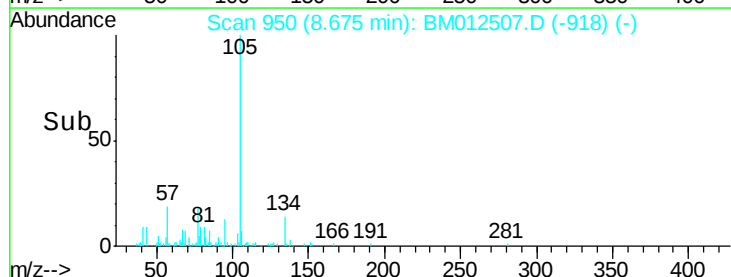
51 7.4 23.4 35.2#

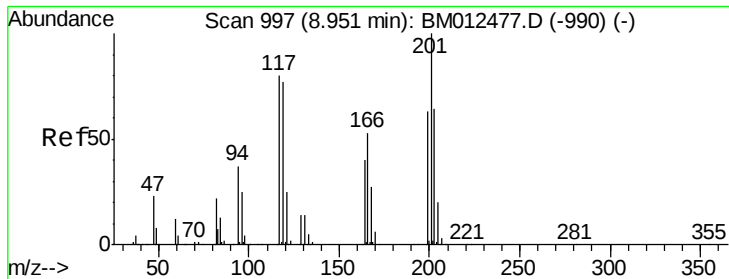


Abundance Ion 105.00 (104.70 to 105.70): BM012507.D (-918) (-)

Ion 77.00 (76.70 to 77.70): BM012507.D (-918) (-)

Ion 51.00 (50.70 to 51.70): BM012507.D (-918) (-)

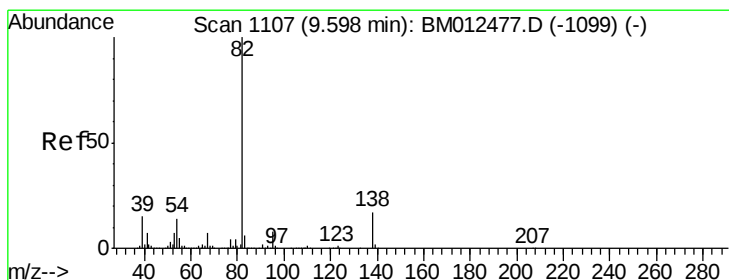
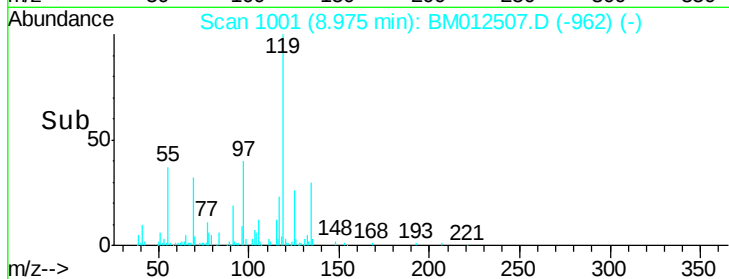
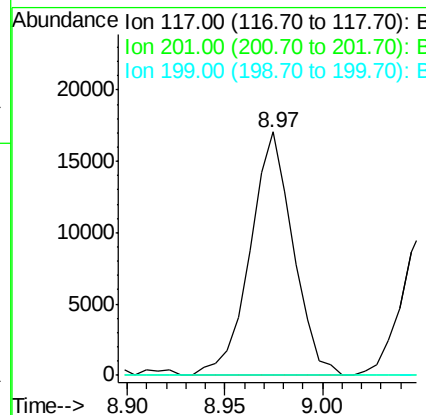
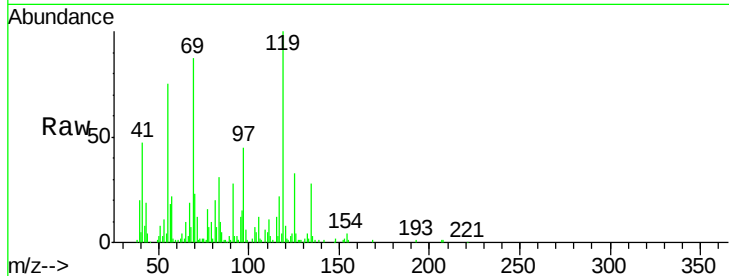




#17
Hexachloroethane
Concen: 1.36 ng/ul
RT: 8.97 min Scan# 1001
Delta R.T. 0.03 min
Lab File: BM012507.D
Acq: 28 Oct 2017 04:17

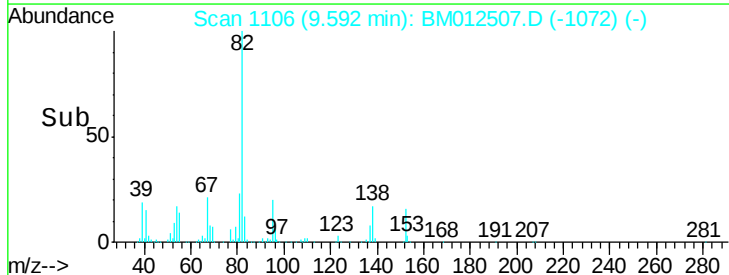
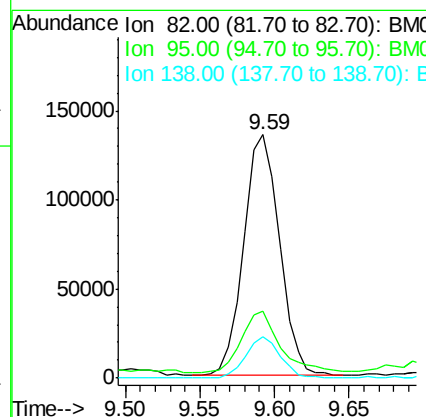
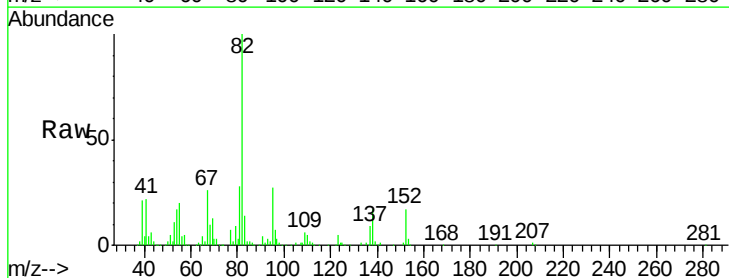
Instrument :
BNA_M
ClientSampled :

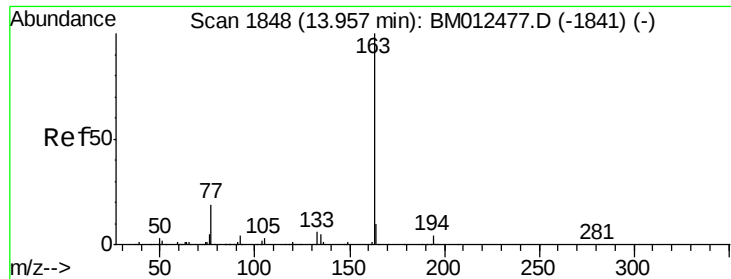
Tot Ion:117 Resp: 25952
Ion Ratio Lower Upper
117 100
201 0.0 111.6 167.4#
199 0.0 67.8 101.6#



#21
Isophorone
Concen: 2.20 ng/ul
RT: 9.59 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BM012507.D
Acq: 28 Oct 2017 04:17

Tgt Ion: 82 Resp: 225131
Ion Ratio Lower Upper
82 100
95 27.3 7.8 11.8#
138 17.0 11.9 17.9

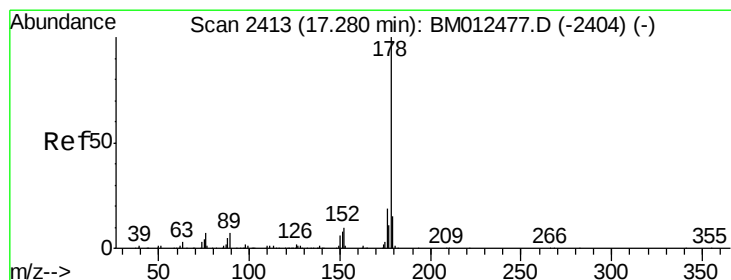
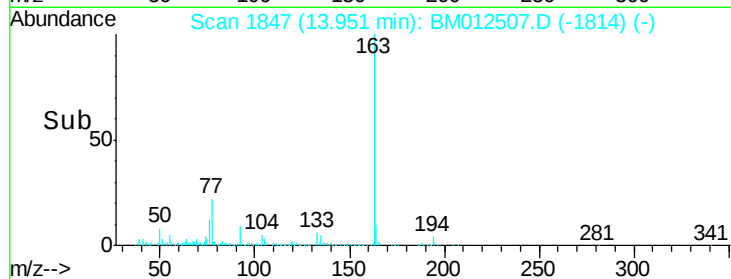
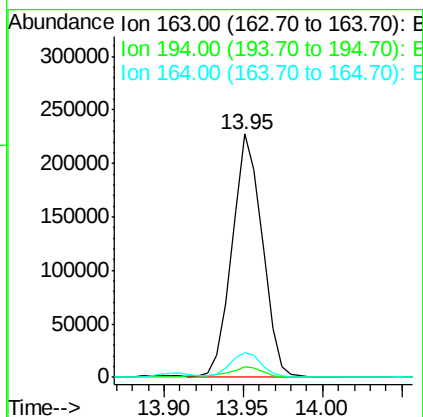
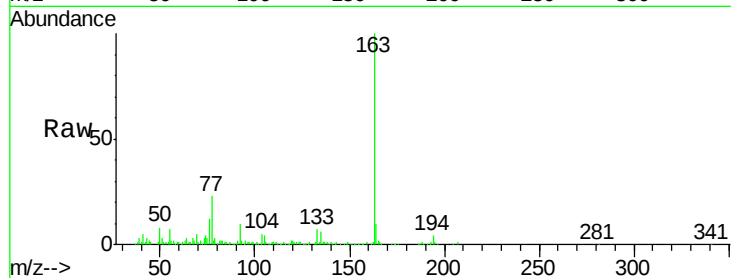




#44
Dimethylphthalate
Concen: 2.33 ng/ul
RT: 13.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM012507.D
Acq: 28 Oct 2017 04:17

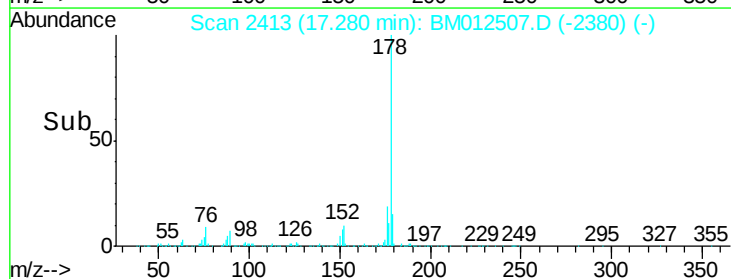
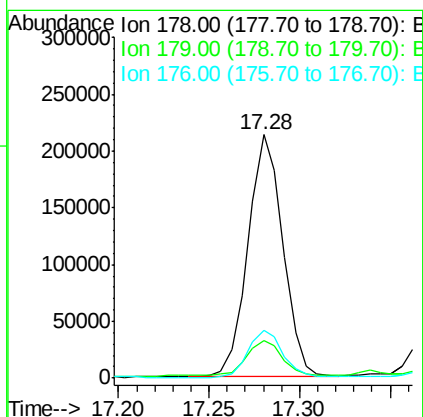
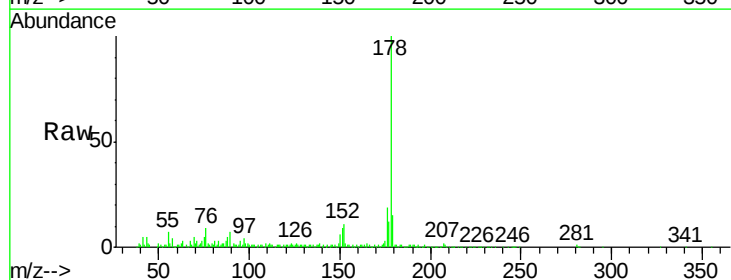
Instrument :
BNA_M
ClientSampleId :

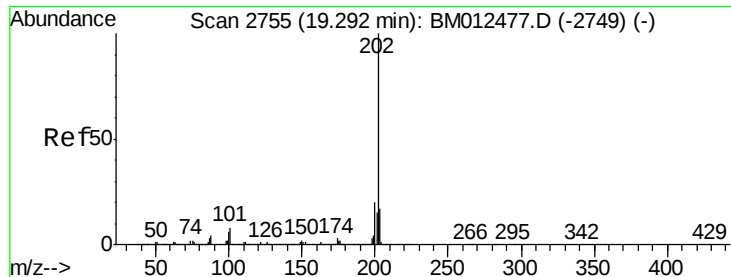
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	9.9	8.2	12.4



#69
Phenanthrene
Concen: 1.68 ng/ul
RT: 17.28 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BM012507.D
Acq: 28 Oct 2017 04:17

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	19.4	14.9	22.3





#74

Fluoranthene

Concen: 2.83 ng/ul

RT: 19.29 min Scan# 2755

Delta R.T. -0.00 min

Lab File: BM012507.D

Acq: 28 Oct 2017 04:17

Instrument :

BNA_M

ClientSampleId :

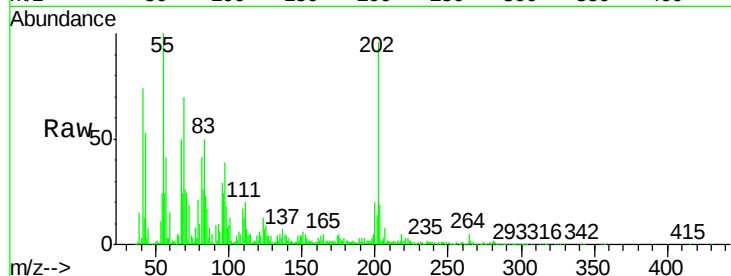
Tot Ion:202 Resp: 544030

Ion Ratio Lower Upper

202 100

101 13.5 4.6 7.0#

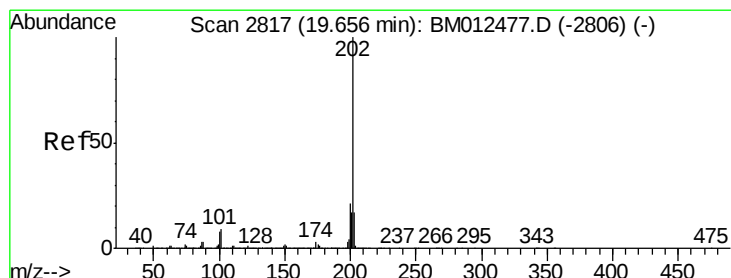
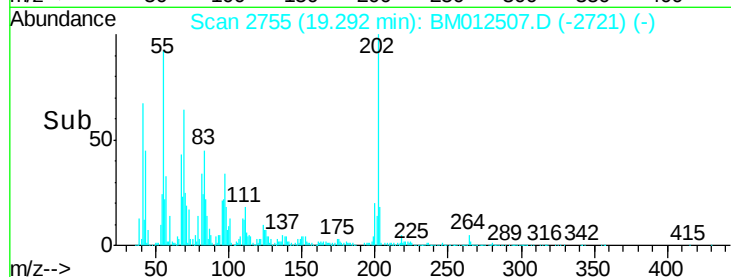
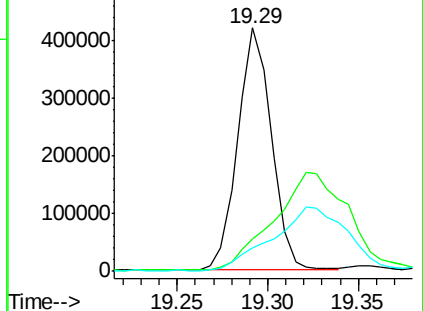
100 9.5 3.4 5.2#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 3.20 ng/ul

RT: 19.66 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BM012507.D

Acq: 28 Oct 2017 04:17

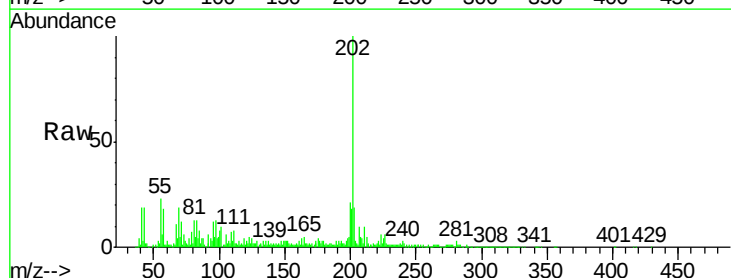
Tgt Ion:202 Resp: 554698

Ion Ratio Lower Upper

202 100

101 10.3 5.1 7.7#

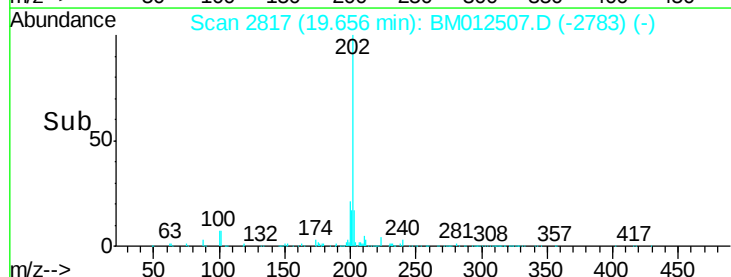
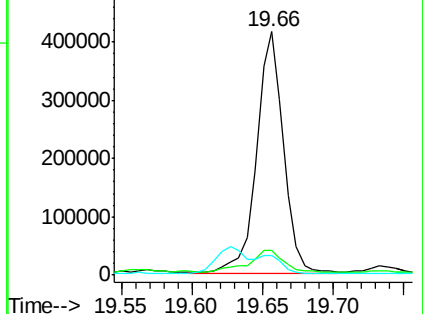
100 7.9 4.9 7.3#

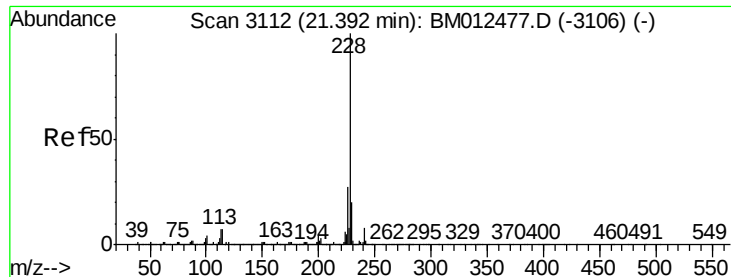


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.86 ng/ul

RT: 21.40 min Scan# 3113

Delta R.T. -0.00 min

Lab File: BM012507.D

Acq: 28 Oct 2017 04:17

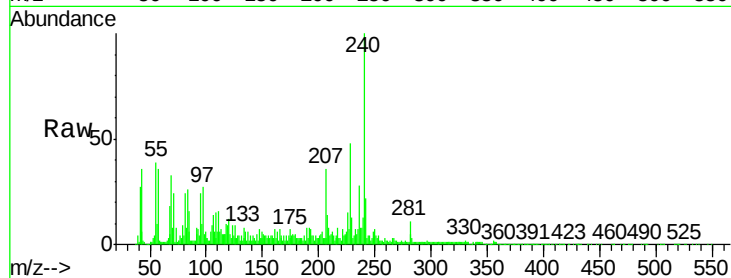
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 338754

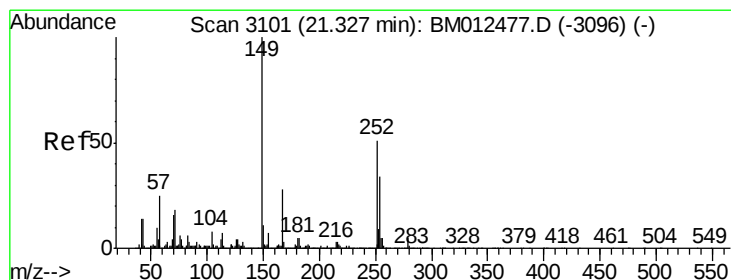
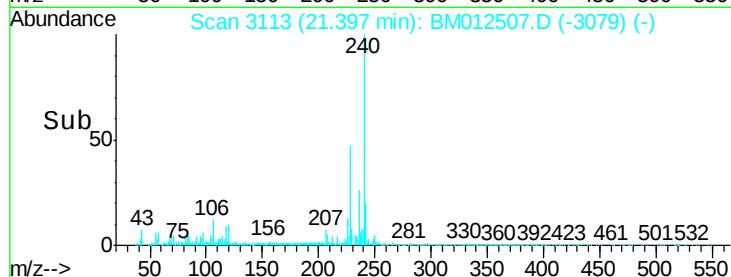
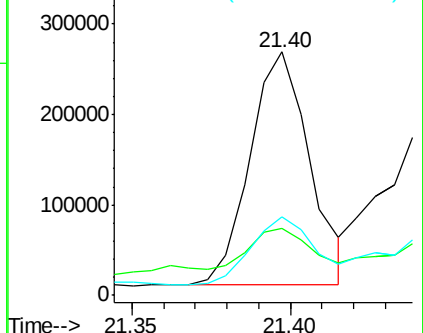
Ion	Ratio	Lower	Upper
228	100		
229	27.4	15.4	23.0#
226	32.1	21.4	32.0#



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: 41.83 ng/ul

RT: 21.33 min Scan# 3101

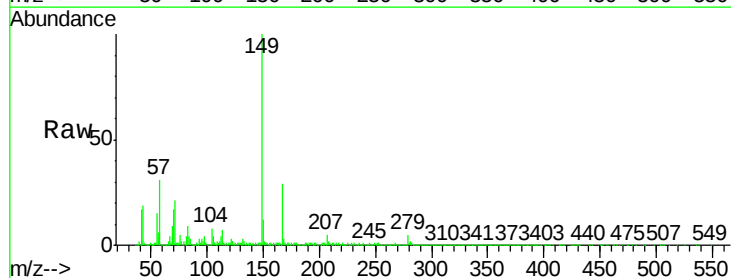
Delta R.T. -0.00 min

Lab File: BM012507.D

Acq: 28 Oct 2017 04:17

Tgt Ion:149 Resp: 4347642

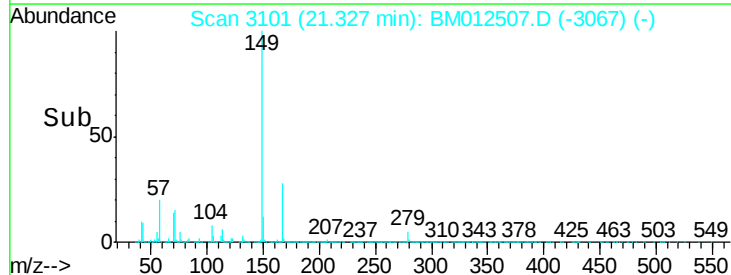
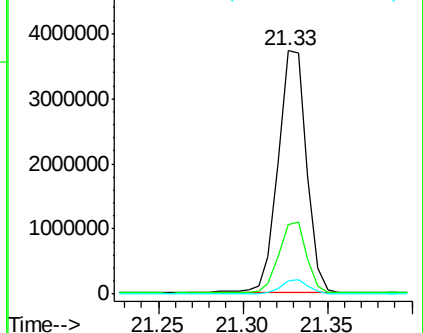
Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.8	34.2
279	5.3	4.9	7.3

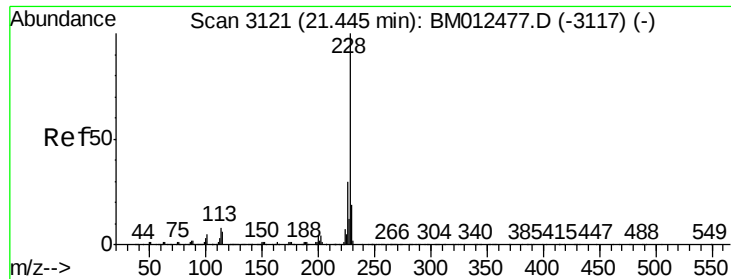


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

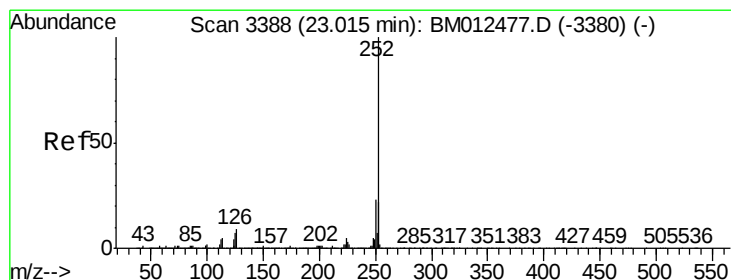
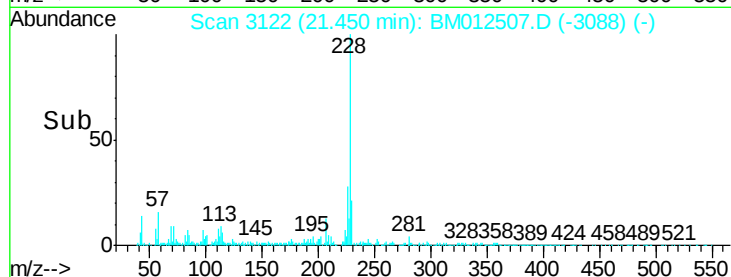
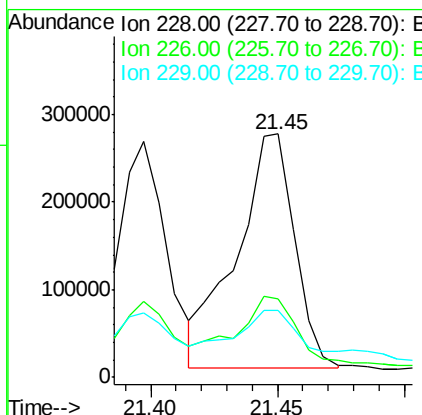
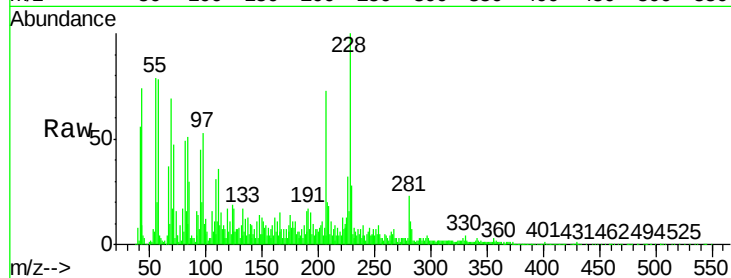




#82
Chrysene
Concen: 2.62 ng/ul
RT: 21.45 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BM012507.D
Acq: 28 Oct 2017 04:17

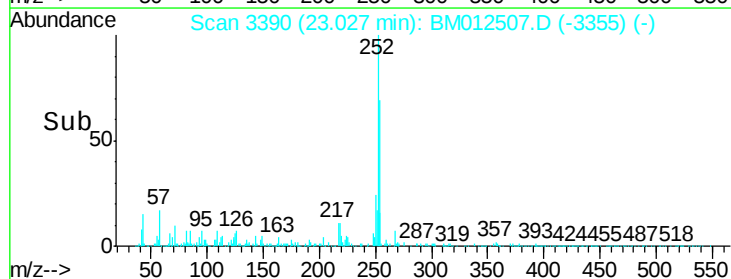
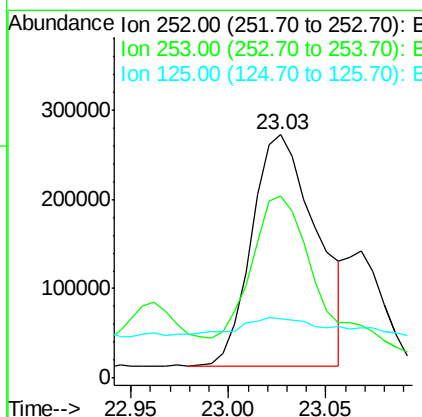
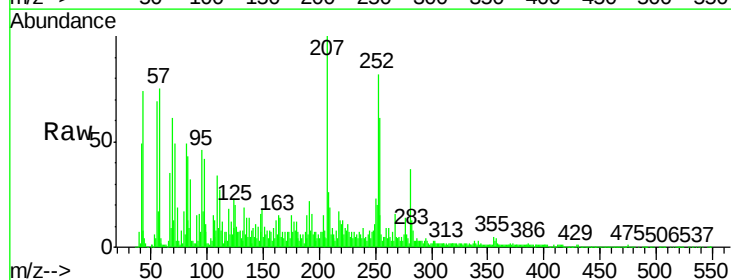
Instrument :
BNA_M
ClientSampleId :

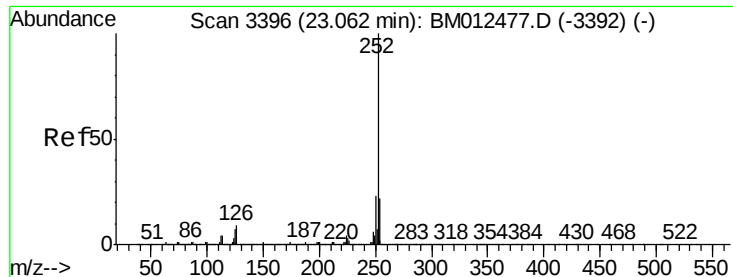
Tot Ion	Ratio	Lower	Upper
228	100		
226	32.4	23.4	35.2
229	27.6	15.5	23.3



#85
Benzo(b)fluoranthene
Concen: 2.90 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. 0.01 min
Lab File: BM012507.D
Acq: 28 Oct 2017 04:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	74.6	17.9	26.9
125	24.6	3.6	5.4

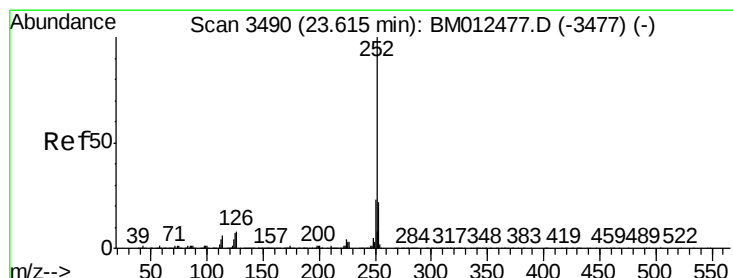
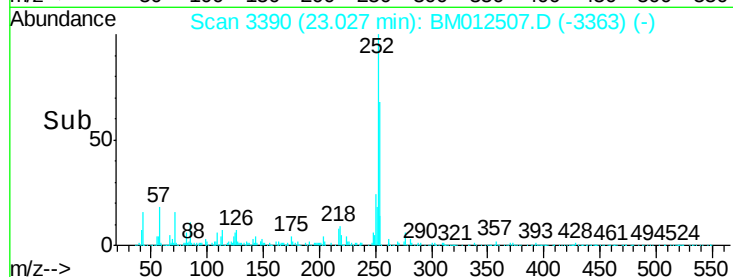
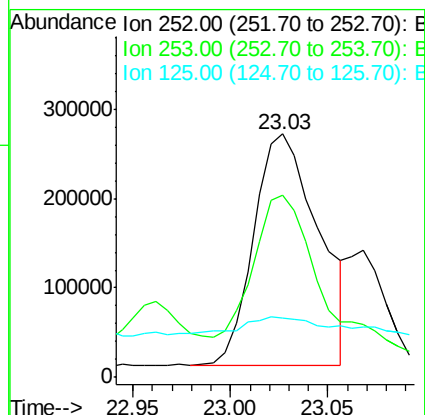
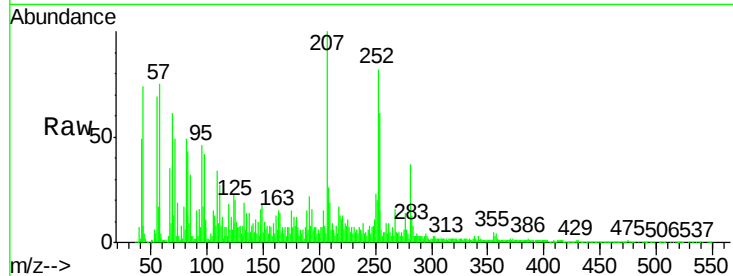




#86
Benzo(k)fluoranthene
Concen: 3.08 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. -0.04 min
Lab File: BM012507.D
Acq: 28 Oct 2017 04:17

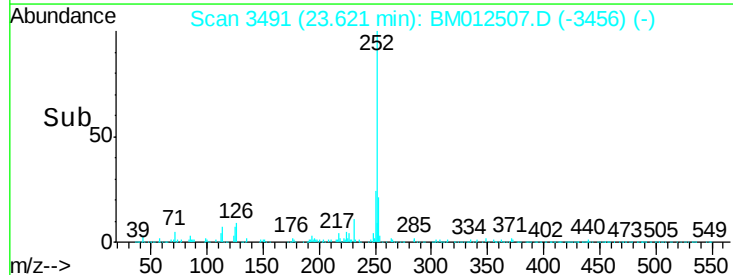
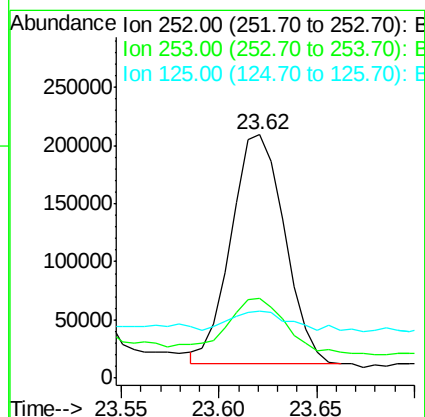
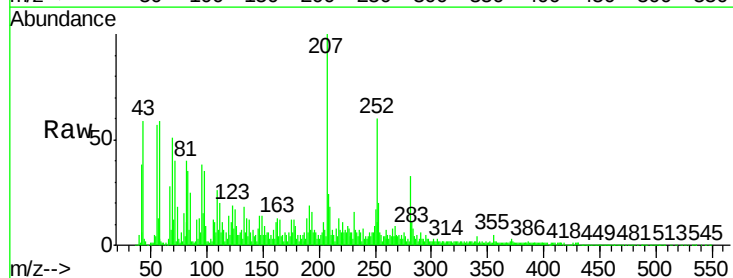
Instrument :
BNA_M
ClientSampleId :

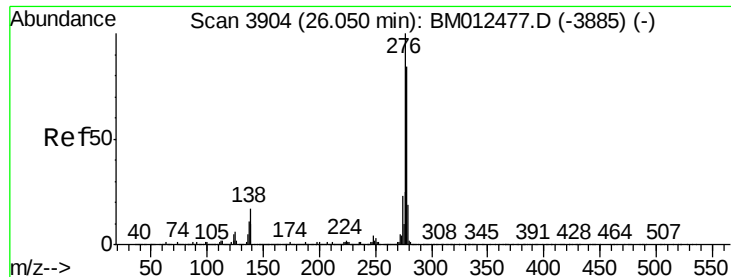
Tot Ion:252 Resp: 597794
Ion Ratio Lower Upper
252 100
253 74.6 17.1 25.7#
125 24.6 3.4 5.2#



#88
Benzo(a)pyrene
Concen: 1.91 ng/ul
RT: 23.62 min Scan# 3491
Delta R.T. 0.01 min
Lab File: BM012507.D
Acq: 28 Oct 2017 04:17

Tgt Ion:252 Resp: 374464
Ion Ratio Lower Upper
252 100
253 32.9 18.2 27.2#
125 27.5 4.0 6.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.46 ng/ul

RT: 26.06 min Scan# 3906

Delta R.T. 0.01 min

Lab File: BM012507.D

Acq: 28 Oct 2017 04:17

Instrument :

BNA_M

ClientSampleId :

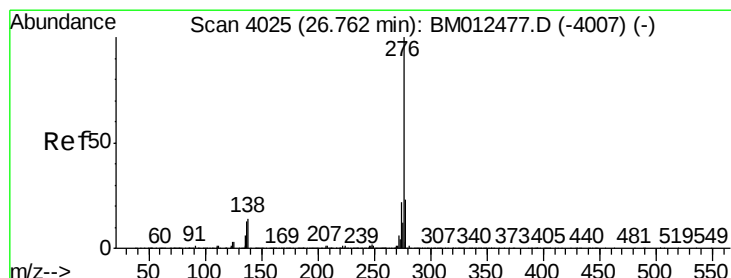
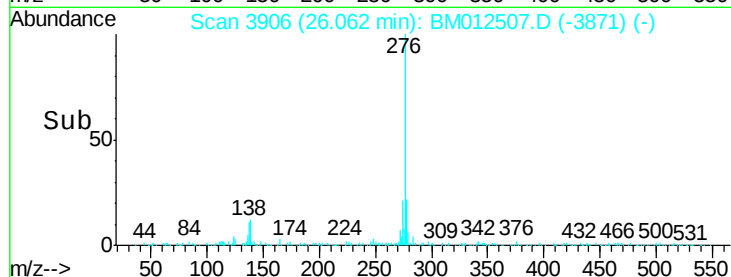
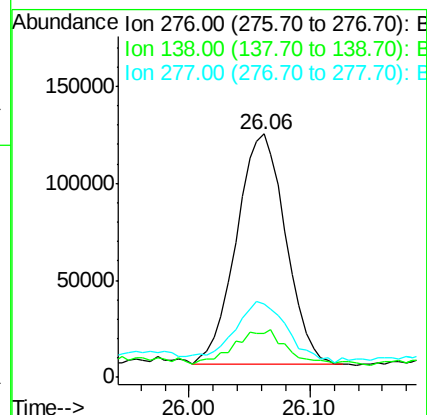
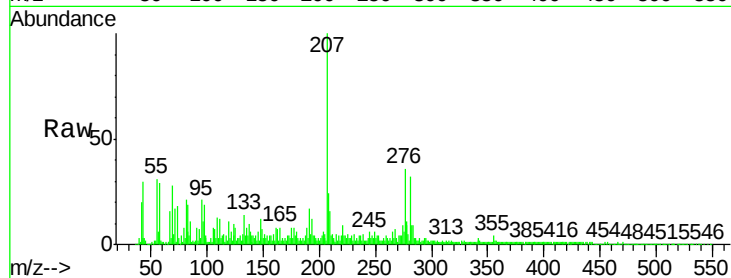
Tot Ion:276 Resp: 337442

Ion Ratio Lower Upper

276 100

138 17.8 9.3 13.9#

277 30.1 19.9 29.9#



#91

Benzo(g,h,i)perylene

Concen: 1.71 ng/ul

RT: 26.78 min Scan# 4028

Delta R.T. 0.01 min

Lab File: BM012507.D

Acq: 28 Oct 2017 04:17

Tgt Ion:276 Resp: 319796

Ion Ratio Lower Upper

276 100

138 20.3 8.5 12.7#

277 28.4 18.6 28.0#

