

Data Path : Z:\HPCHEM1\BNA M\DATA\BM061317\
 Data File : BM010567.D
 Acq On : 13 Jun 2017 19:19
 Operator : SJ/MA
 Sample : I3522-02 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 14 01:48:52 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 14 01:46:30 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	126761	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	416192	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	283288	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	733792	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1101969	20.00	ng/ul	0.00
83) Perylene-d12	23.77	264	1182509	20.00	ng/ul	0.00

System Monitoring Compounds

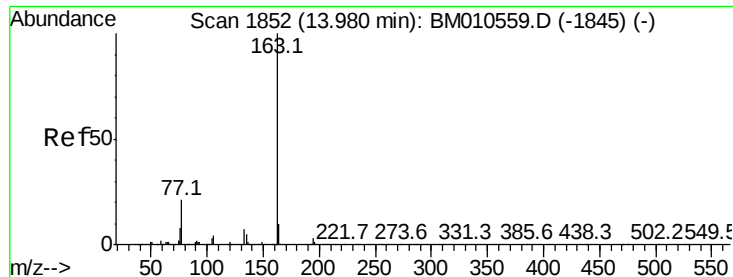
3) 1,4-Dioxane-d8	3.36	96	2119	0.69	ng/uL	0.01
5) Phenol-d5	7.07	99	20923	2.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	12571	2.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	20252	2.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.60	113	16188	2.09	ng/ul	0.00
19) Nitrobenzene-d5	9.07	128	8748	2.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.78	143	11348	3.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.31	165	20108	2.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	15369	2.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.93	166	75381	3.20	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	77513	2.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	7766	2.21	ng/ul	0.01
57) Fluorene-d10	15.51	176	65097	3.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	11620	2.24	ng/ul	0.00
70) Anthracene-d10	17.36	188	110258	3.09	ng/ul	0.00
76) Pyrene-d10	19.66	212	135887	2.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.62	264	161352	2.93	ng/ul	0.00

Target Compounds

						Ovalue
44) Dimethylphthalate	13.98	163	35502	1.53	ng/ul	99
69) Phenanthrene	17.40	178	67232	1.72	ng/ul	96
71) Anthracene	17.40	178	67613	1.65	ng/ul	94
74) Fluoranthene	19.32	202	485242	10.07	ng/ul#	93
77) Pyrene	19.69	202	623838	10.99	ng/ul#	95
80) Benzo(a)anthracene	21.42	228	520914	8.38	ng/ul	98
82) Chrysene	21.45	228	160148	2.85	ng/ul	93
85) Benzo(b)fluoranthene	23.06	252	1768302	25.70	ng/ul	97
86) Benzo(k)fluoranthene	23.06	252	1768302	26.90	ng/ul	95
88) Benzo(a)pyrene	23.56	252	531171	7.79	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	26.13	276	353671	4.10	ng/ul#	97
91) Benzo(g,h,i)perylene	26.87	276	237660	3.35	ng/ul#	96

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

```
Data Path : Z:\HPCHEM1\BNA M\DATA\BM061317\
Data File : BM010567.D
Acq On    : 13 Jun 2017  19:19
Operator  : SJ/MA
Sample    : I3522-02 10X
Misc      :
ALS Vial  : 10      Sample Multiplier: 1
```



#44

Dimethylphthalate

Concen: 1.53 ng/ul

RT: 13.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BM010567.D

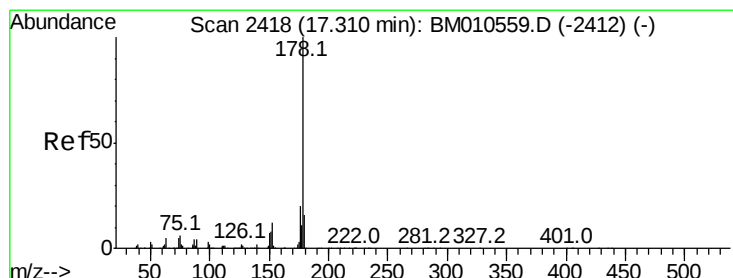
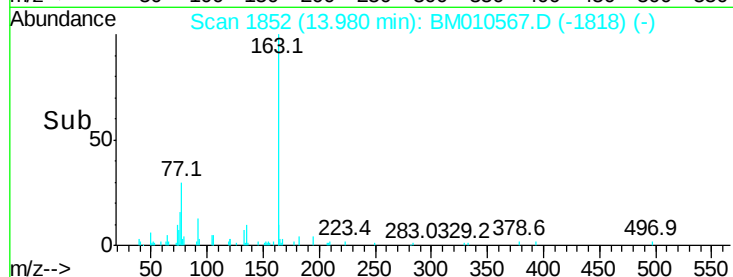
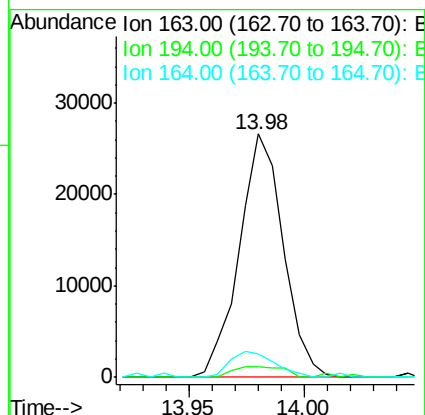
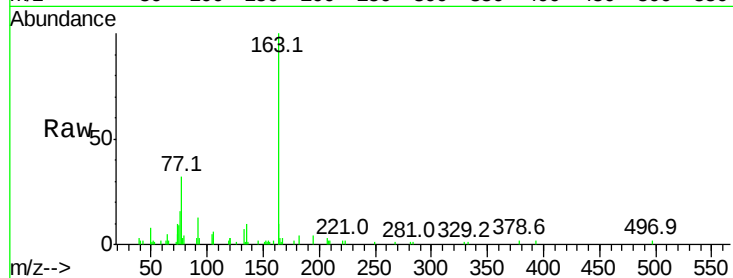
Acq: 13 Jun 2017 19:19

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	163	Resp:	35502
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	9.8	8.2	12.4



#69

Phenanthrene

Concen: 1.72 ng/ul

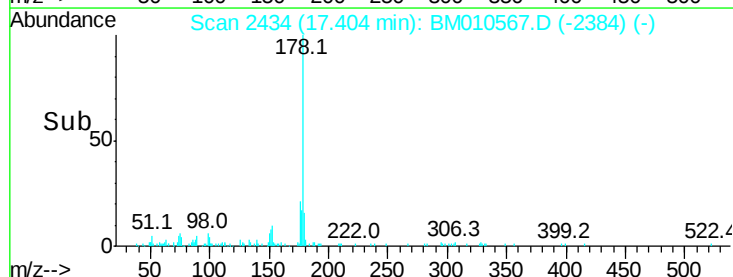
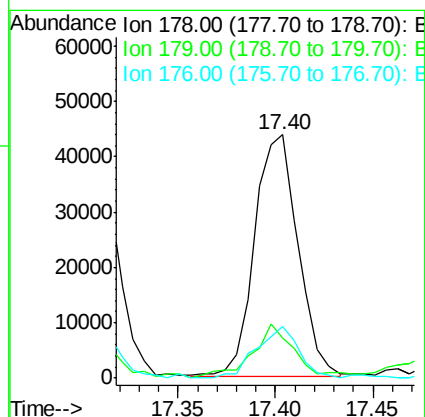
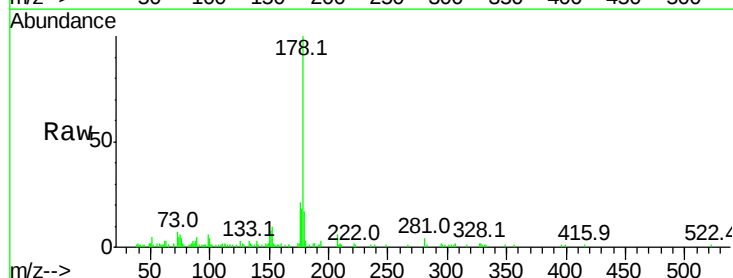
RT: 17.40 min Scan# 2434

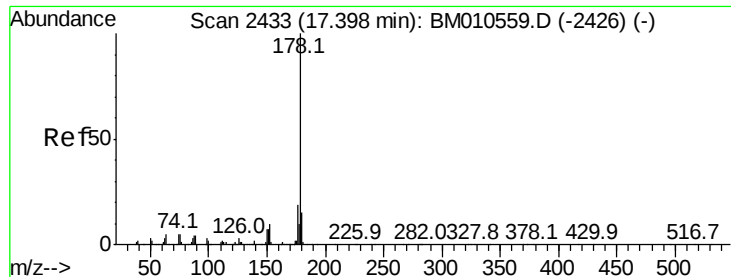
Delta R.T. 0.09 min

Lab File: BM010567.D

Acq: 13 Jun 2017 19:19

Tgt Ion:	178	Resp:	67232
Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.6	19.0
176	21.4	14.9	22.3





#71

Anthracene

Concen: 1.65 ng/ul

RT: 17.40 min Scan# 2434

Delta R.T. 0.01 min

Lab File: BM010567.D

Acq: 13 Jun 2017 19:19

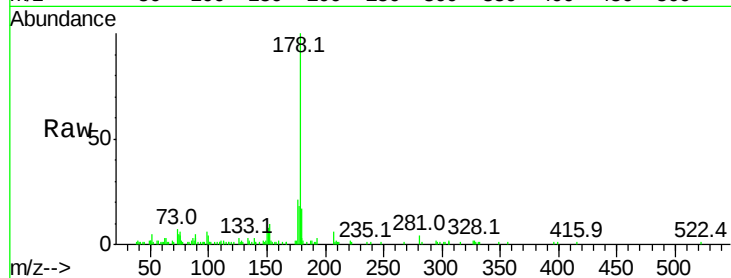
Instrument :

BNA_M

ClientSampled :

Tot Ion:178 Resp: 67613

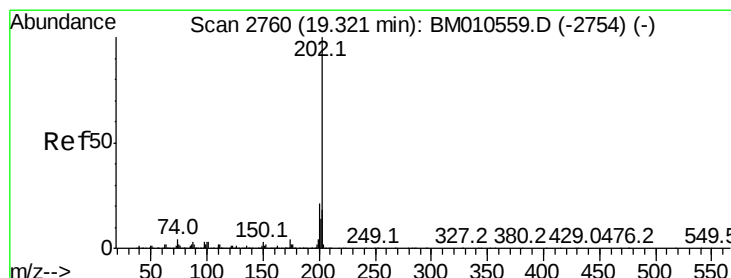
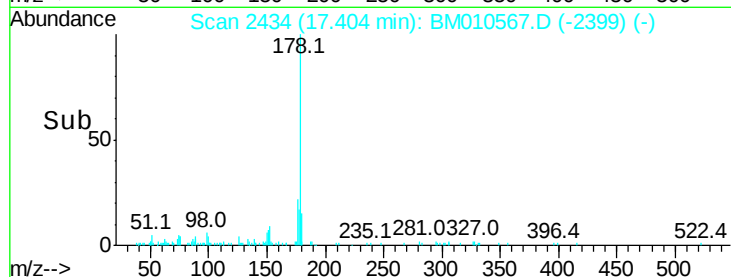
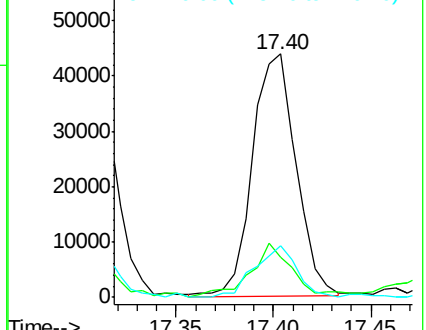
Ion	Ratio	Lower	Upper
178	100		
179	16.6	11.7	17.5
176	21.4	14.6	21.8



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: 10.07 ng/ul

RT: 19.32 min Scan# 2760

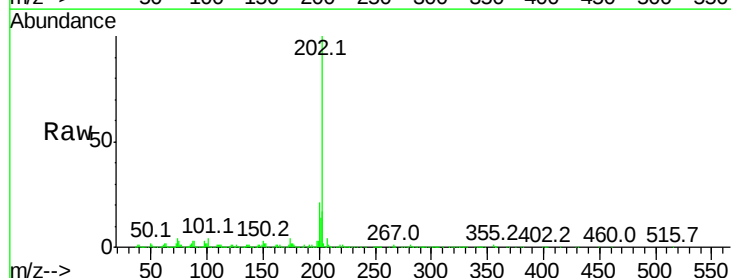
Delta R.T. -0.00 min

Lab File: BM010567.D

Acq: 13 Jun 2017 19:19

Tgt Ion:202 Resp: 485242

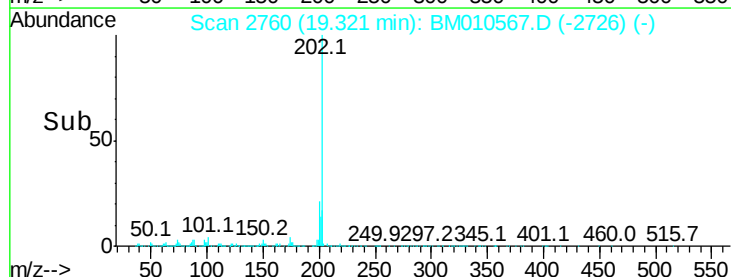
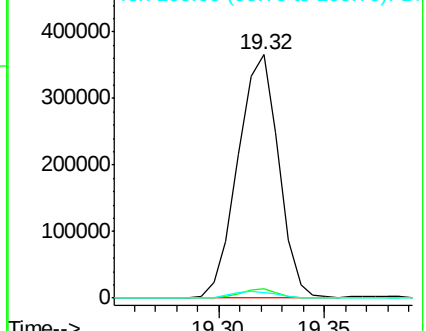
Ion	Ratio	Lower	Upper
202	100		
101	3.6	4.6	7.0#
100	2.1	3.4	5.2#

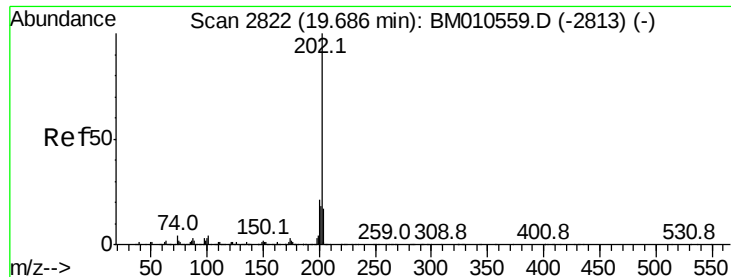


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 10.99 ng/ul

RT: 19.69 min Scan# 2822

Delta R.T. -0.00 min

Lab File: BM010567.D

Acq: 13 Jun 2017 19:19

Instrument :

BNA_M

ClientSampleId :

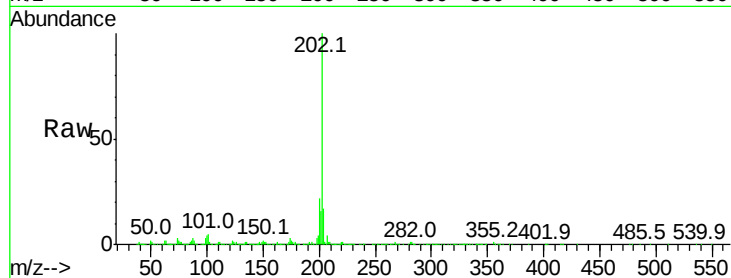
Tot Ion:202 Resp: 623838

Ion Ratio Lower Upper

202 100

101 5.0 5.1 7.7#

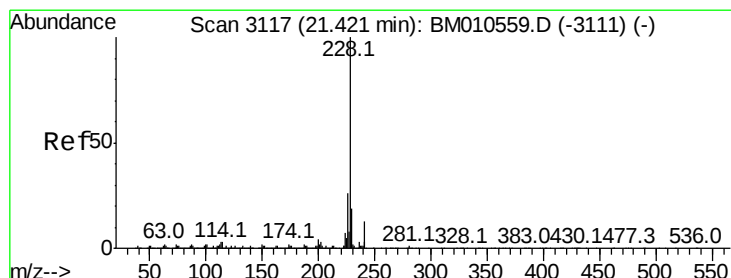
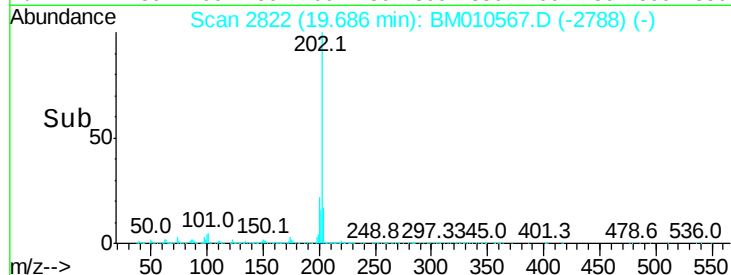
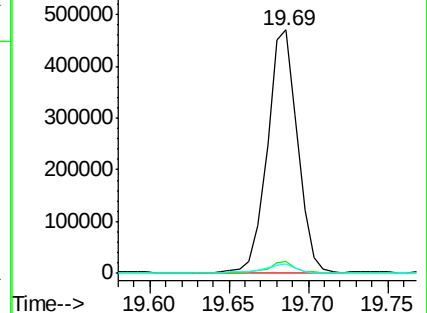
100 3.9 4.9 7.3#



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): E



#80

Benzo(a)anthracene

Concen: 8.38 ng/ul

RT: 21.42 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BM010567.D

Acq: 13 Jun 2017 19:19

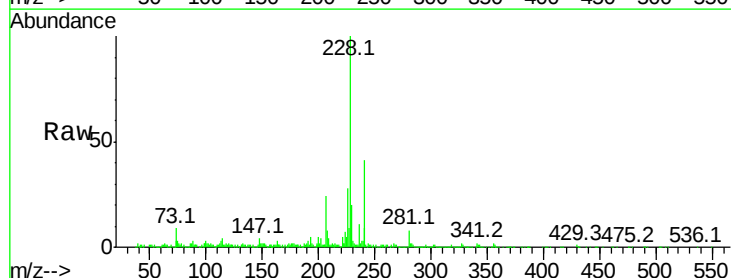
Tgt Ion:228 Resp: 520914

Ion Ratio Lower Upper

228 100

229 20.4 15.4 23.0

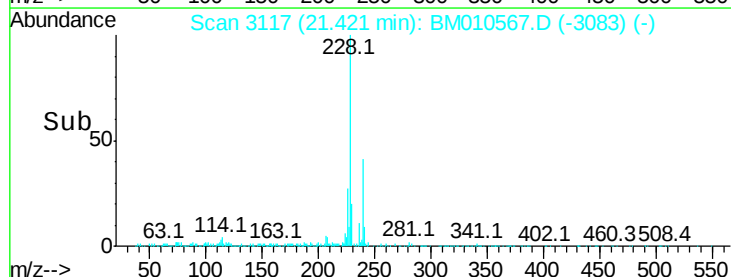
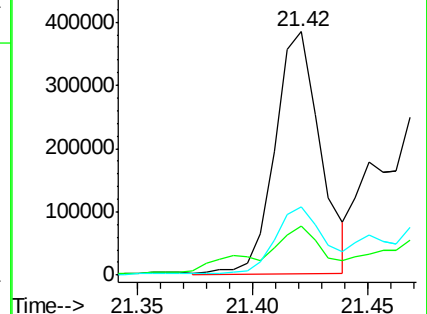
226 27.9 21.4 32.0

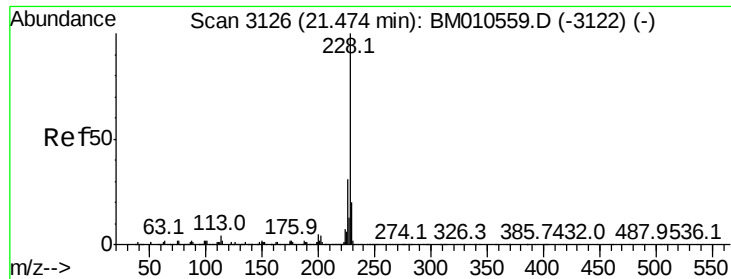


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

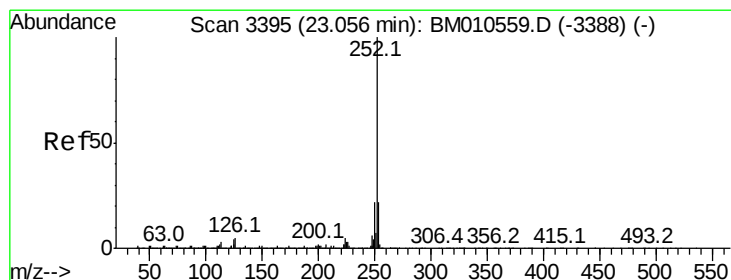
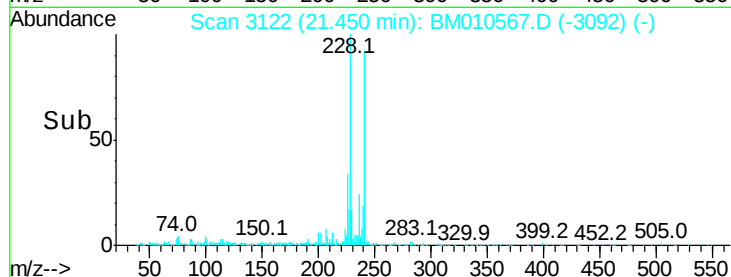
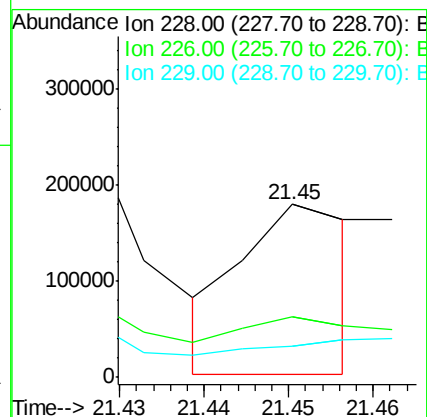
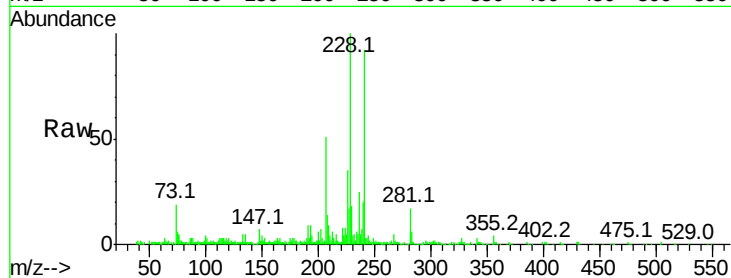




#82
Chrysene
Concen: 2.85 ng/ul
RT: 21.45 min Scan# 3122
Delta R.T. -0.02 min
Lab File: BM010567.D
Acq: 13 Jun 2017 19:19

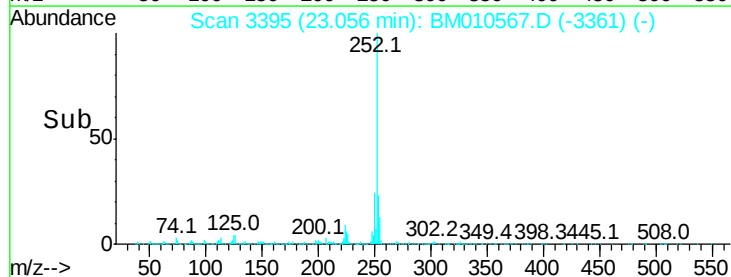
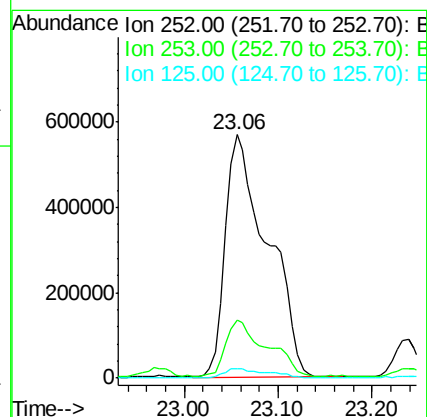
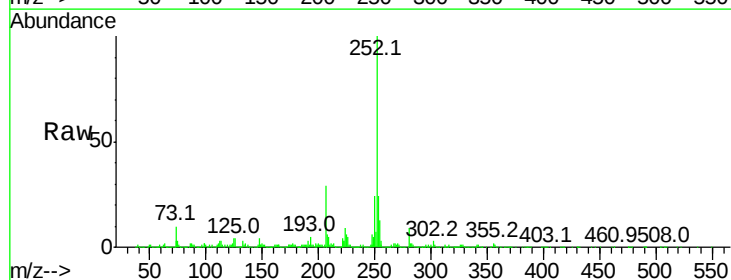
Instrument :
BNA_M
ClientSampleId :

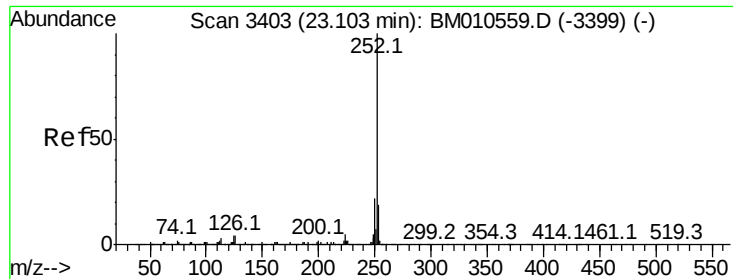
Tot Ion:228 Resp: 160148
Ion Ratio Lower Upper
228 100
226 35.1 23.4 35.2
229 18.3 15.5 23.3



#85
Benzo(b)fluoranthene
Concen: 25.70 ng/ul
RT: 23.06 min Scan# 3395
Delta R.T. -0.00 min
Lab File: BM010567.D
Acq: 13 Jun 2017 19:19

Tgt Ion:252 Resp: 1768302
Ion Ratio Lower Upper
252 100
253 24.0 17.9 26.9
125 3.9 3.6 5.4





#86

Benzo(k)fluoranthene

Concen: 26.90 ng/ul

RT: 23.06 min Scan# 3395

Delta R.T. -0.05 min

Lab File: BM010567.D

Acq: 13 Jun 2017 19:19

Instrument :

BNA_M

ClientSampleId :

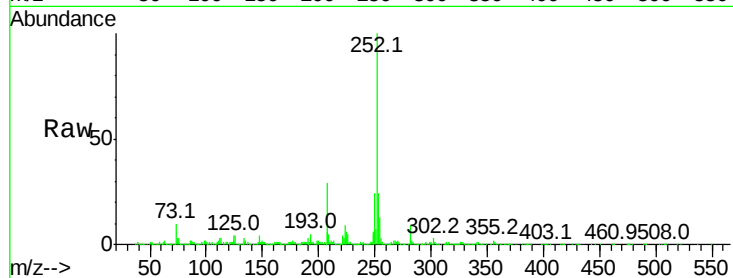
Tot Ion:252 Resp: 1768302

Ion Ratio Lower Upper

252 100

253 24.0 17.1 25.7

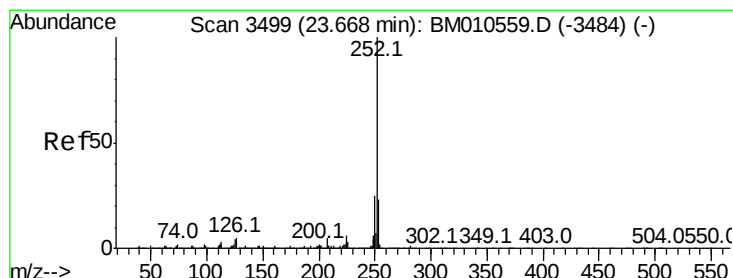
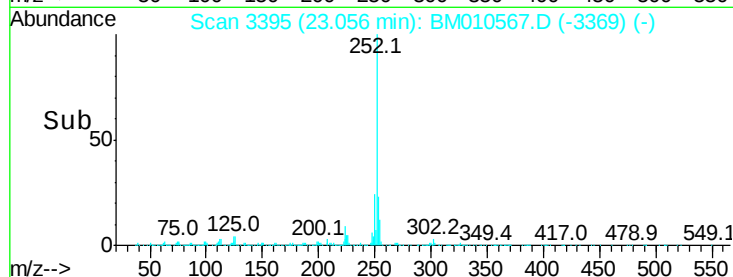
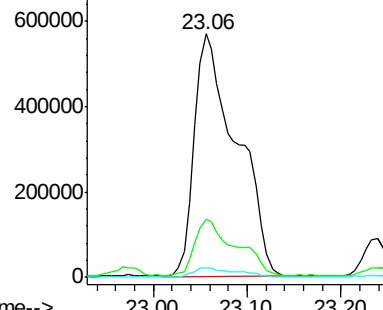
125 3.9 3.4 5.2



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



#88

Benzo(a)pyrene

Concen: 7.79 ng/ul

RT: 23.56 min Scan# 3481

Delta R.T. -0.11 min

Lab File: BM010567.D

Acq: 13 Jun 2017 19:19

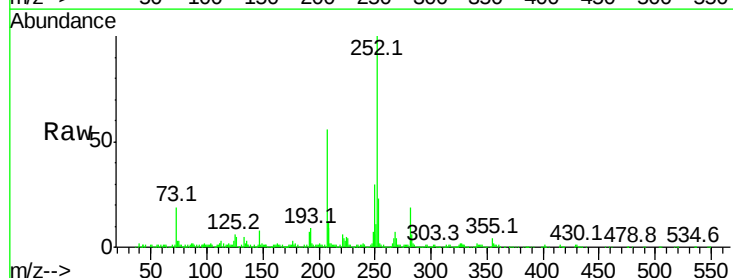
Tgt Ion:252 Resp: 531171

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

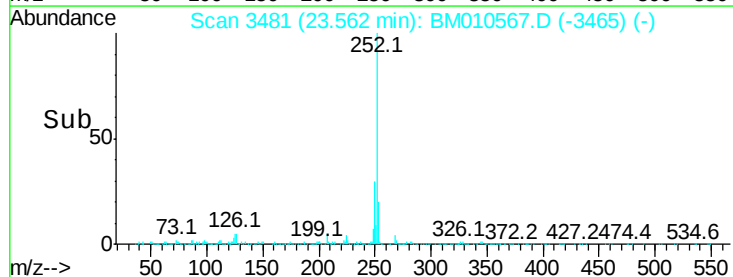
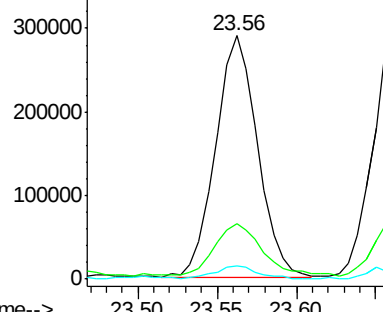
125 5.5 4.0 6.0

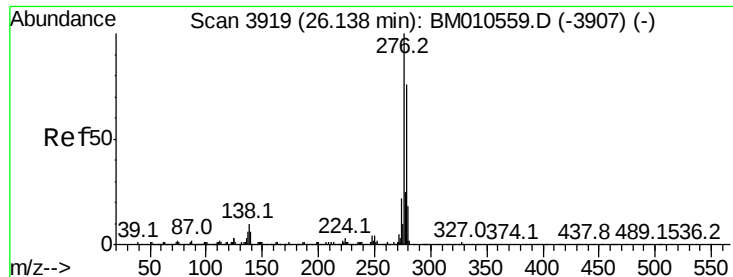


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



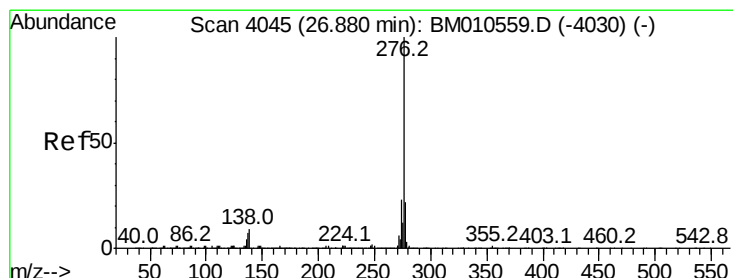
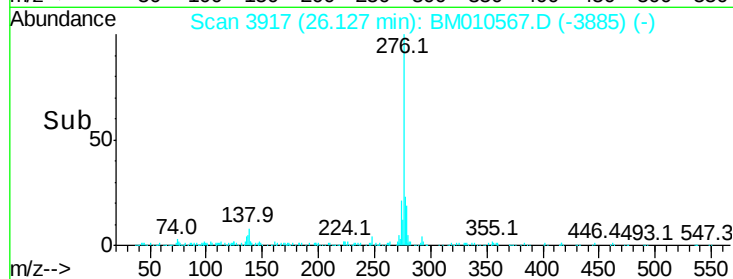
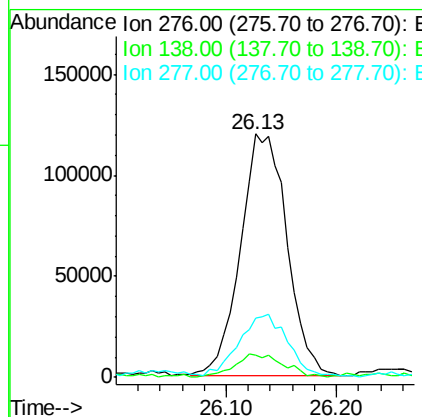
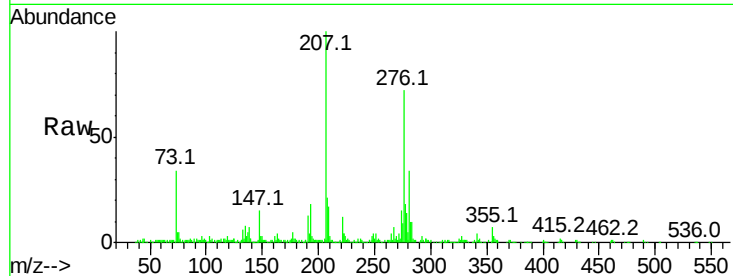


#89

Indeno(1,2,3-cd)pyrene
Concen: 4.10 ng/ul
RT: 26.13 min Scan# 3917
Delta R.T. -0.01 min
Lab File: BM010567.D
Acq: 13 Jun 2017 19:19

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	9.1	9.3	13.9#
277	24.4	19.9	29.9



#91

Benzo(g,h,i)perylene
Concen: 3.35 ng/ul
RT: 26.87 min Scan# 4044
Delta R.T. -0.01 min
Lab File: BM010567.D
Acq: 13 Jun 2017 19:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.4	8.5	12.7#
277	25.1	18.6	28.0

