

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012845.D
 Acq On : 09 Nov 2017 09:42
 Operator : SJ/JU
 Sample : I6096-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 09 10:29:54 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	132814	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	550640	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	328817	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	830824	20.00	ng/ul	0.10
77) Chrysene-d12	21.37	240	555558	20.00	ng/ul	0.00
85) Perylene-d12	23.67	264	630541	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	10397	4.23	ng/uL	0.00
5) Phenol-d5	6.98	99	246169	24.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	135392	25.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	211152	25.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	202302	23.72	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	104154	25.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	110580	23.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	230155	24.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	183607	19.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	705209	25.92	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	843246	25.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	81103	18.60	ng/ul	0.00
57) Fluorene-d10	15.43	176	581849	24.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	12755	2.33	ng/ul	0.00
70) Anthracene-d10	17.29	188	830455	20.69	ng/ul	0.00
78) Pyrene-d10	19.59	212	712646	27.64	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.52	264	754312	25.30	ng/ul	0.02

Target Compounds

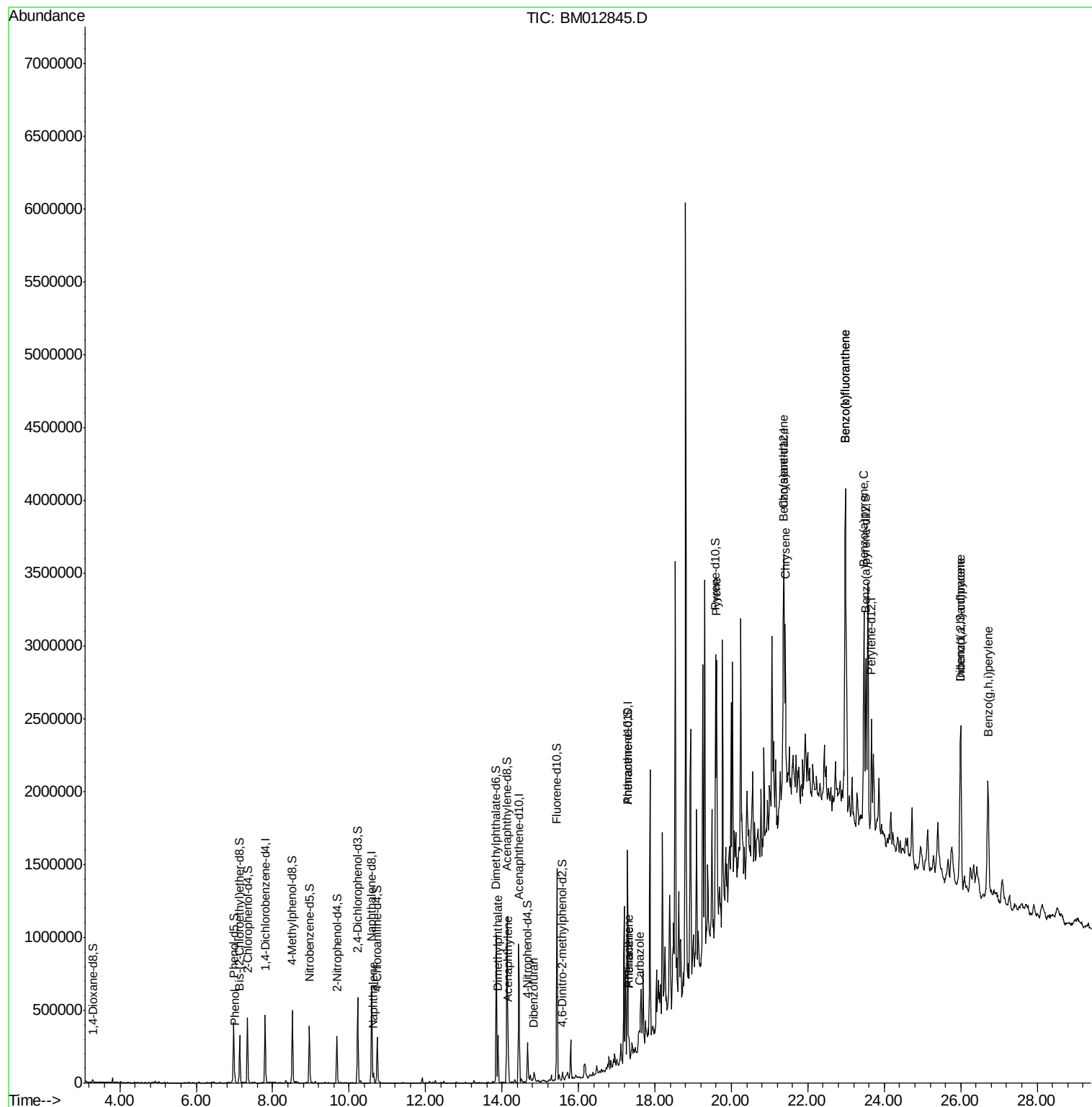
					Ovalue	
6) Phenol	7.01	94	29195	2.878	ng/ul	97
28) Naphthalene	10.64	128	49163	1.786	ng/ul	99
44) Dimethylphthalate	13.90	163	212018	7.852	ng/ul	99
47) Acenaphthylene	14.16	152	165757	5.081	ng/ul	99
53) Dibenzofuran	14.84	168	33101	1.021	ng/ul	93
69) Phenanthrene	17.32	178	115181	2.536	ng/ul	98
71) Anthracene	17.32	178	114424	2.430	ng/ul	99
74) Carbazole	17.60	167	58449	1.488	ng/ul	96
79) Pyrene	19.62	202	1097461	33.110	ng/ul#	93
82) Benzo(a)anthracene	21.36	228	667877	19.867	ng/ul#	93
84) Chrysene	21.41	228	768871	25.236	ng/ul#	95
87) Benzo(b)fluoranthene	22.98	252	1951720	50.650	ng/ul#	97
88) Benzo(k)fluoranthene	22.98	252	1951720	53.287	ng/ul#	96
90) Benzo(a)pyrene	23.47	252	1113354	30.365	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	26.00	276	1152974	26.091	ng/ul#	86
92) Dibenzo(a,h)anthracene	25.99	278	324575	8.677	ng/ul#	76
93) Benzo(g,h,i)perylene	26.72	276	1053196	28.923	ng/ul#	90

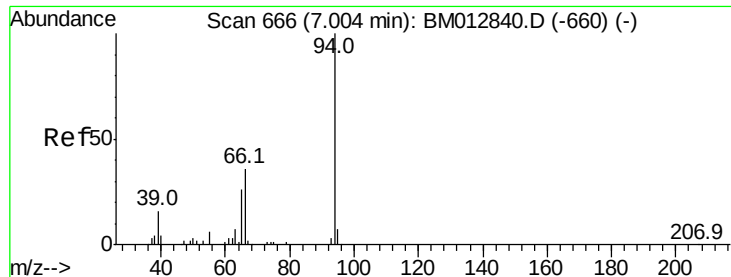
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 05:48:58 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.878 ng/ul

RT: 7.01 min Scan# 667

Delta R.T. 0.01 min

Lab File: BM012845.D

Acq: 09 Nov 2017 09:42

Instrument :

BNA_M

ClientSampled :

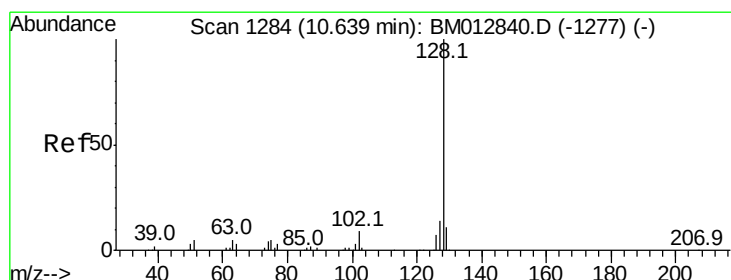
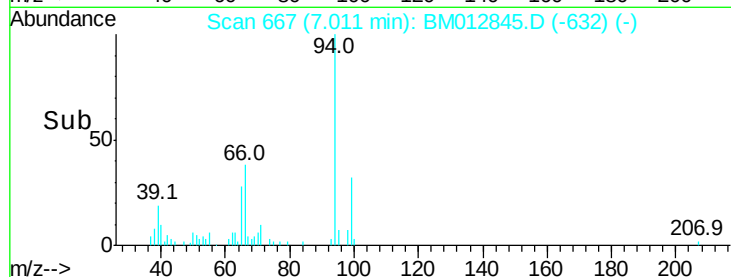
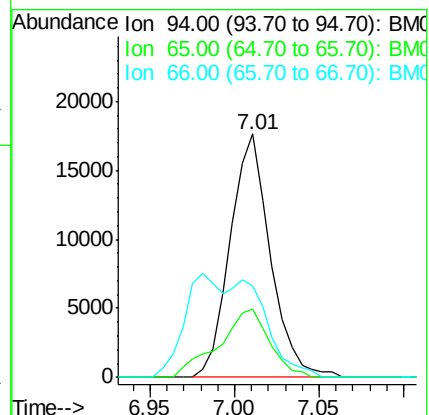
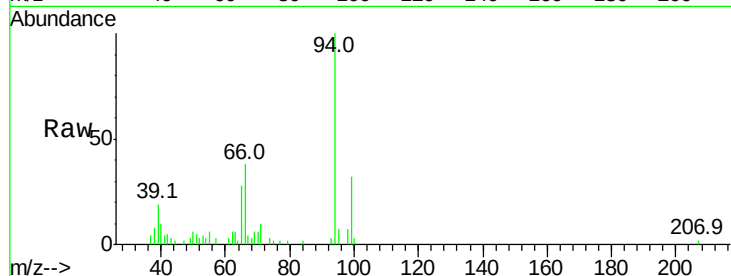
Tot Ion: 94 Resp: 29195

Ion Ratio Lower Upper

94 100

65 28.2 21.0 31.6

66 37.6 29.3 43.9



#28

Naphthalene

Concen: 1.786 ng/ul

RT: 10.64 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BM012845.D

Acq: 09 Nov 2017 09:42

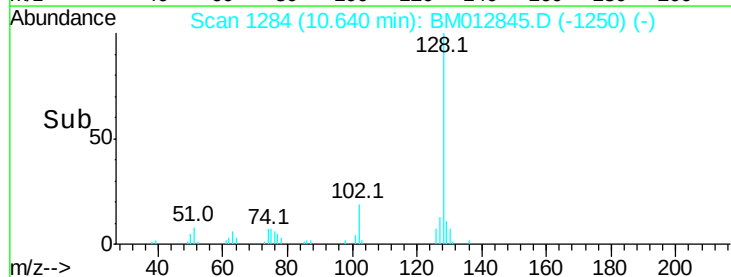
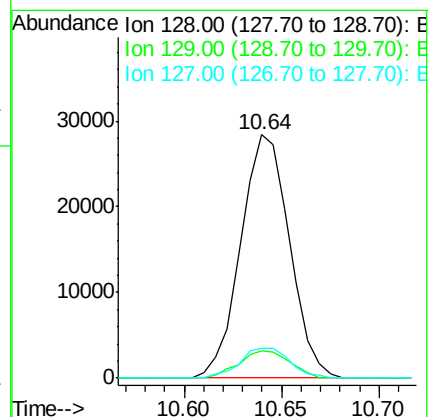
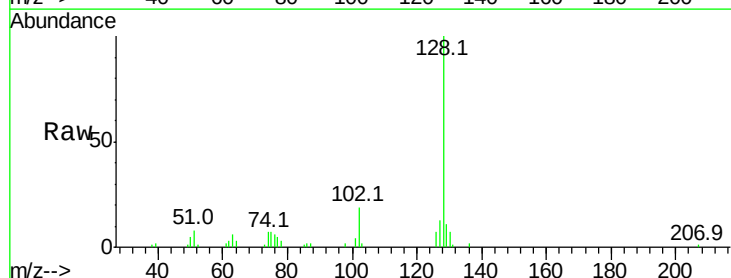
Tgt Ion: 128 Resp: 49163

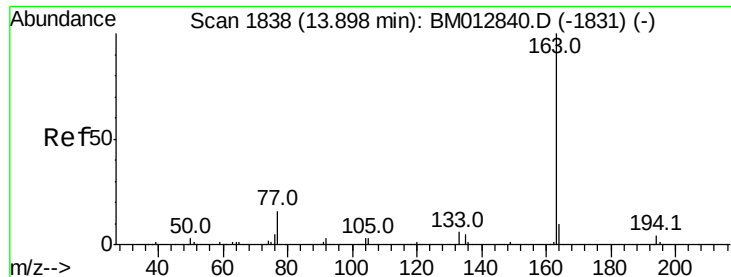
Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

127 12.5 10.5 15.7





#44

Dimethylphthalate

Concen: 7.852 ng/ul

RT: 13.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BM012845.D

Acq: 09 Nov 2017 09:42

Instrument :

BNA_M

ClientSampleId :

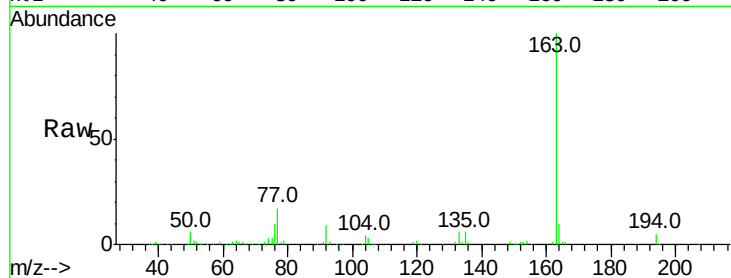
Tot Ion:163 Resp: 212018

Ion Ratio Lower Upper

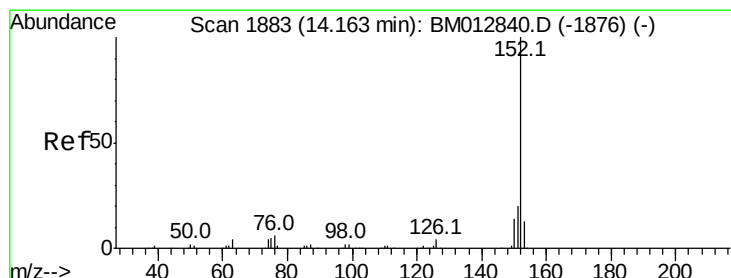
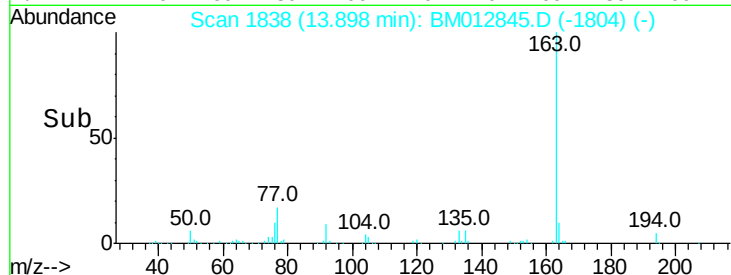
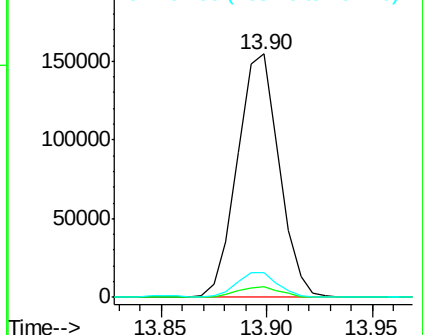
163 100

194 4.6 3.2 4.8

164 10.2 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#47

Acenaphthylene

Concen: 5.081 ng/ul

RT: 14.16 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BM012845.D

Acq: 09 Nov 2017 09:42

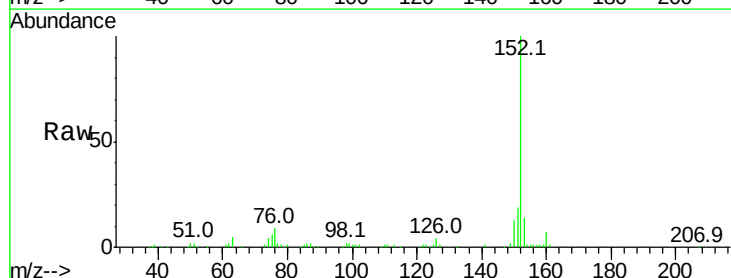
Tgt Ion:152 Resp: 165757

Ion Ratio Lower Upper

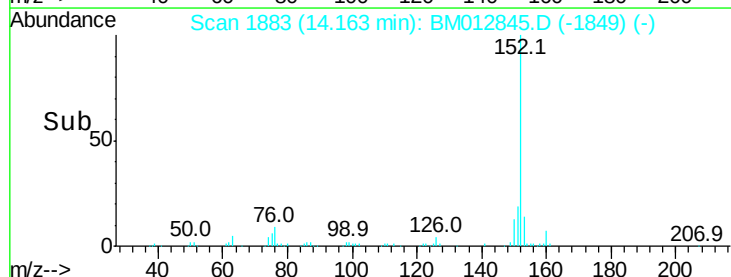
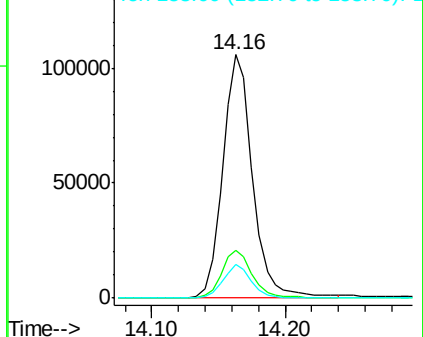
152 100

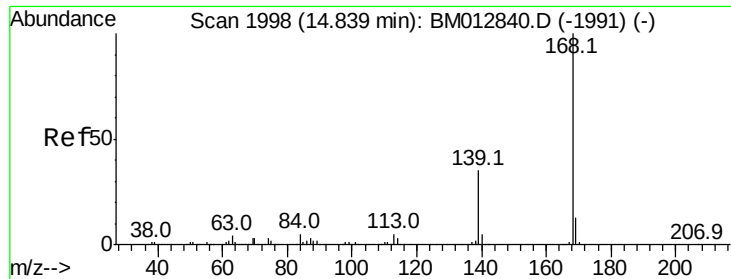
151 19.4 15.7 23.5

153 13.7 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#53

Dibenzenofuran

Concen: 1.021 ng/ul

RT: 14.84 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BM012845.D

Acq: 09 Nov 2017 09:42

Instrument :

BNA_M

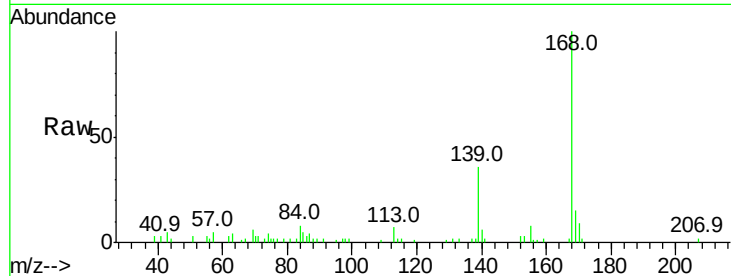
ClientSampled :

Tot Ion:168 Resp: 33101

Ion Ratio Lower Upper

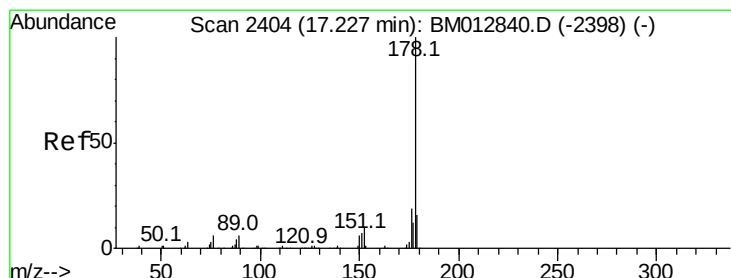
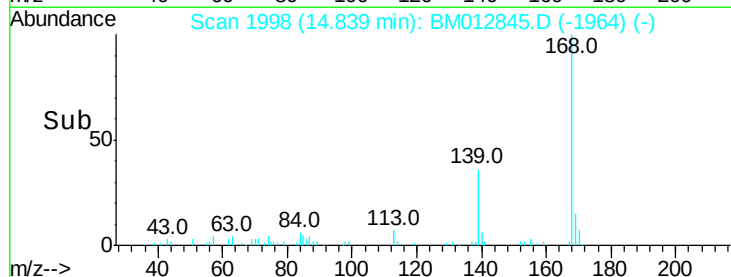
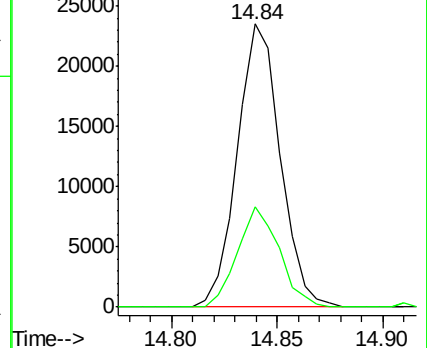
168 100

139 35.6 32.2 48.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#69

Phenanthrene

Concen: 2.536 ng/ul

RT: 17.32 min Scan# 2420

Delta R.T. 0.09 min

Lab File: BM012845.D

Acq: 09 Nov 2017 09:42

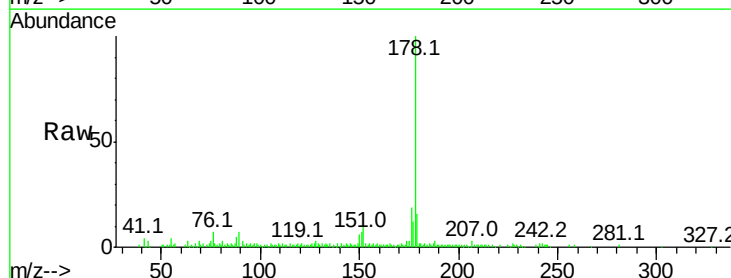
Tgt Ion:178 Resp: 115181

Ion Ratio Lower Upper

178 100

179 16.0 12.2 18.4

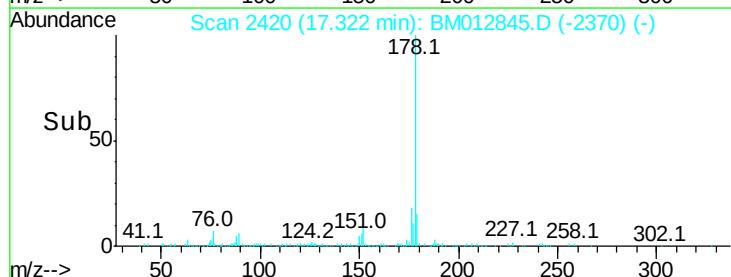
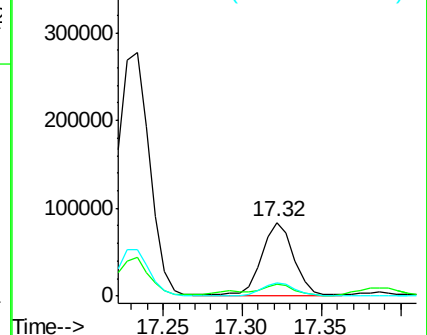
176 18.7 15.6 23.4

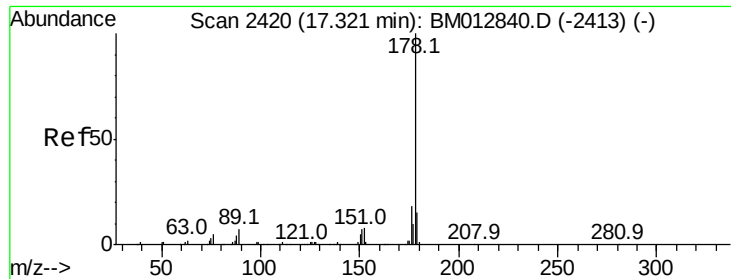


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

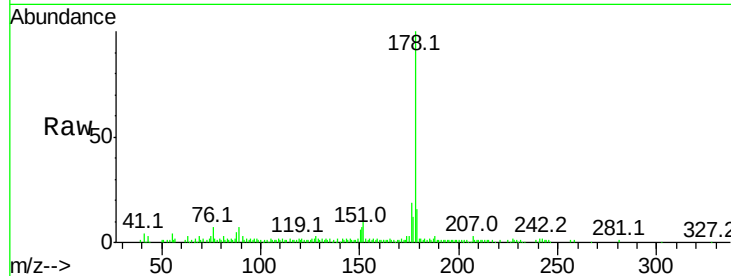




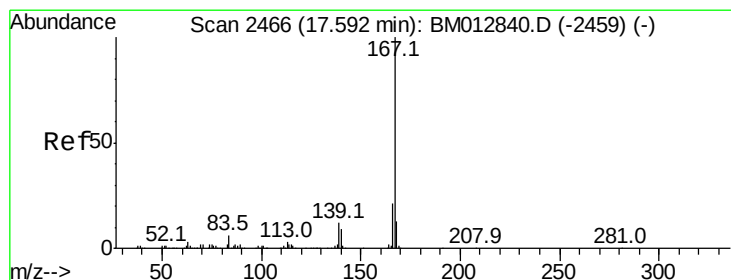
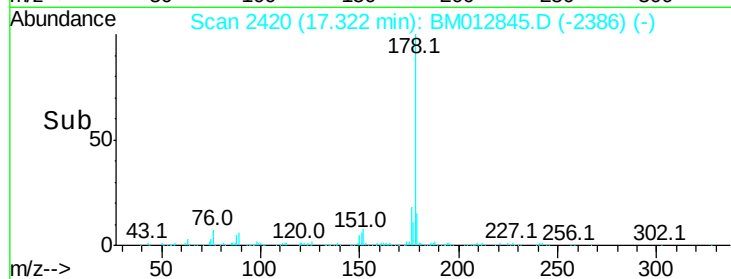
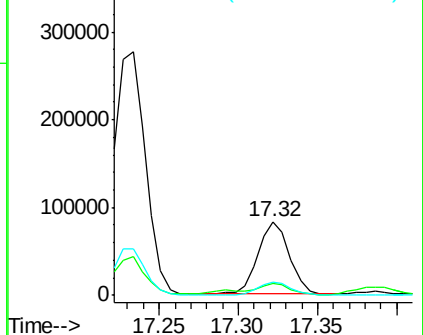
#71
 Anthracene
 Concen: 2.430 ng/ul
 RT: 17.32 min Scan# 2420
 Delta R.T. 0.00 min
 Lab File: BM012845.D
 Acq: 09 Nov 2017 09:42

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:178 Resp: 114424
 Ion Ratio Lower Upper
 178 100
 179 16.0 12.1 18.1
 176 18.7 14.8 22.2

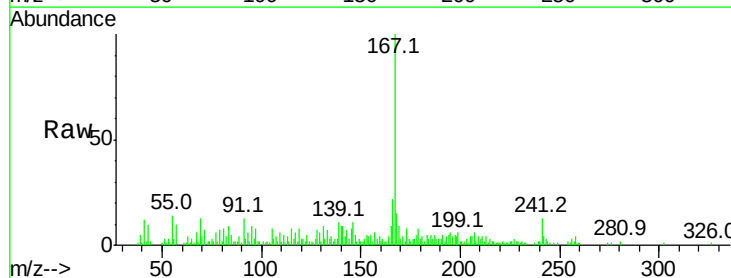


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

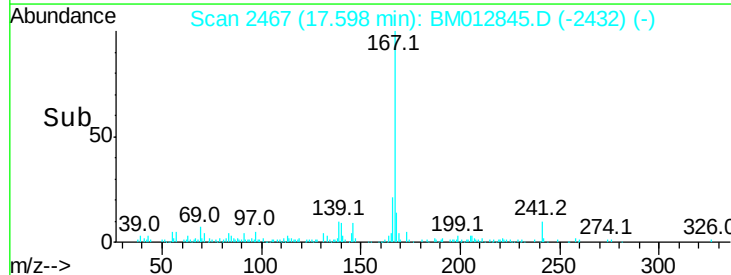
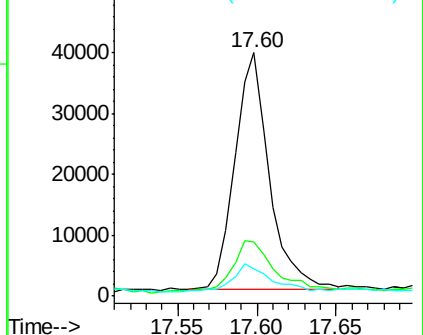


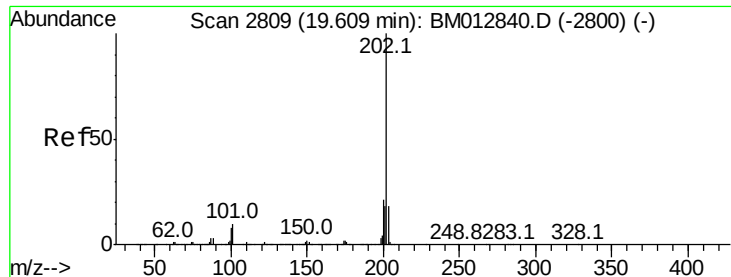
#74
 Carbazole
 Concen: 1.488 ng/ul
 RT: 17.60 min Scan# 2467
 Delta R.T. 0.01 min
 Lab File: BM012845.D
 Acq: 09 Nov 2017 09:42

Tgt Ion:167 Resp: 58449
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.0 25.6
 139 11.3 11.0 16.4



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#79

Pvrene

Concen: 33.110 ng/ul

RT: 19.62 min Scan# 2810

Delta R.T. 0.01 min

Lab File: BM012845.D

Acq: 09 Nov 2017 09:42

Instrument :

BNA_M

ClientSampleId :

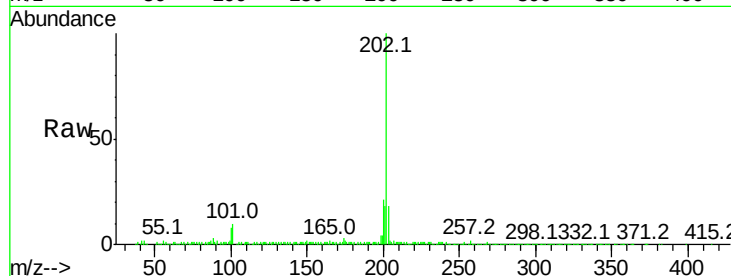
Tot Ion:202 Resp: 1097461

Ion Ratio Lower Upper

202 100

101 9.6 10.2 15.2#

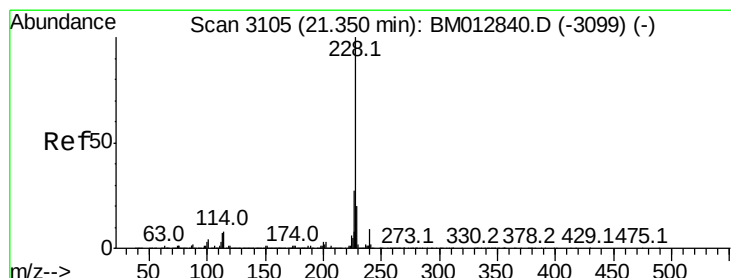
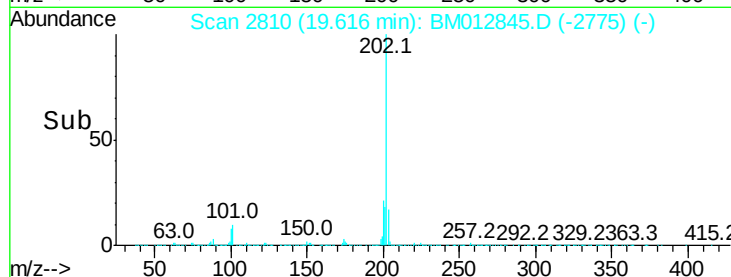
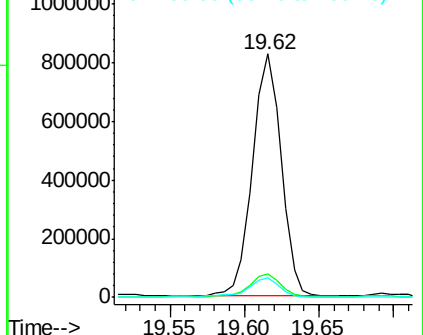
100 8.2 8.5 12.7#



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



#82

Benzo(a)anthracene

Concen: 19.867 ng/ul

RT: 21.36 min Scan# 3107

Delta R.T. 0.01 min

Lab File: BM012845.D

Acq: 09 Nov 2017 09:42

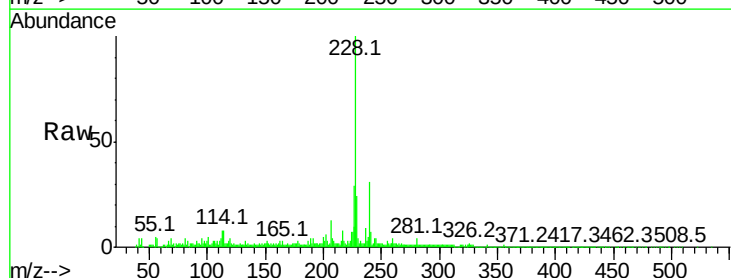
Tgt Ion:228 Resp: 667877

Ion Ratio Lower Upper

228 100

229 24.0 15.7 23.5#

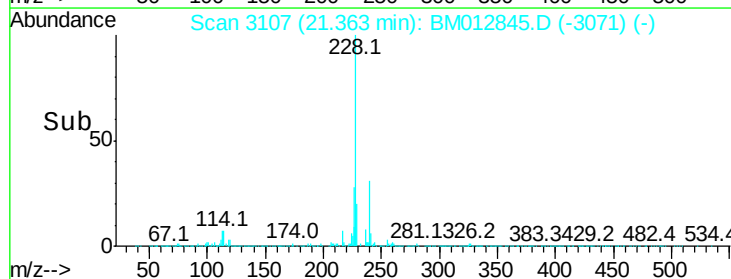
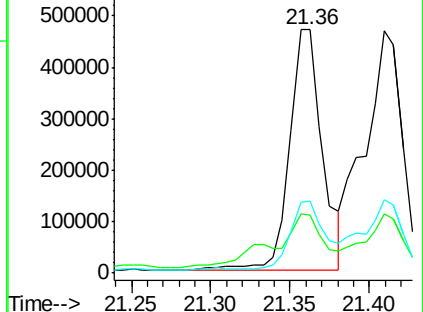
226 29.4 21.8 32.6

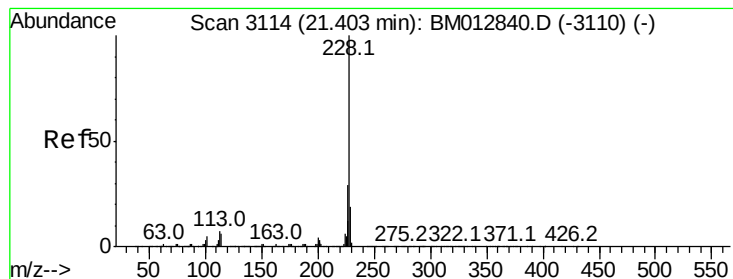


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 25.236 ng/ul

RT: 21.41 min Scan# 3115

Delta R.T. 0.01 min

Lab File: BM012845.D

Acq: 09 Nov 2017 09:42

Instrument :

BNA_M

ClientSampleId :

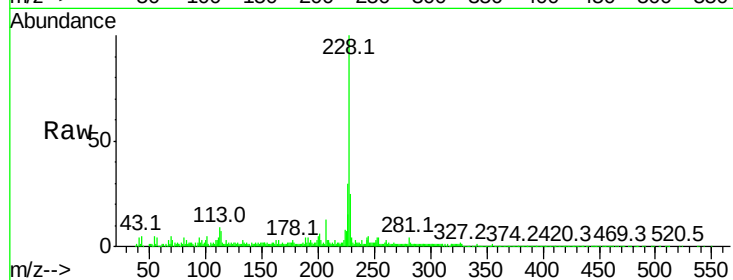
Tot Ion:228 Resp: 768871

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.0	36.0
229	24.5	15.6	23.4

228 100

226 30.4 24.0 36.0

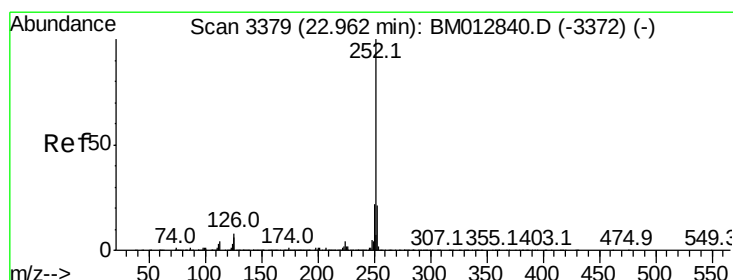
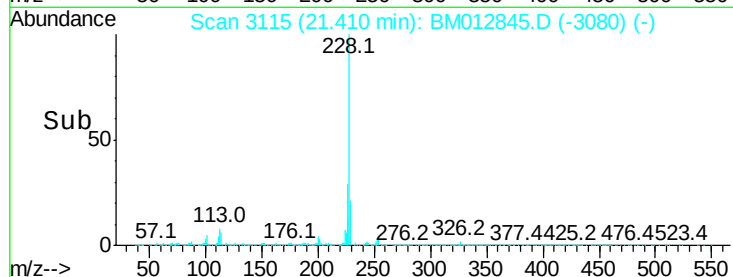
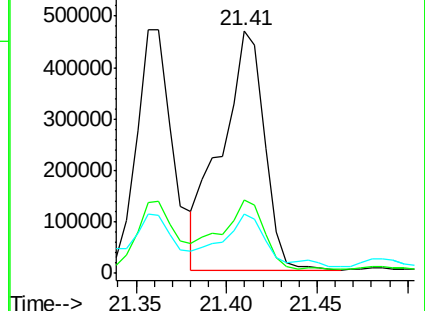
229 24.5 15.6 23.4#



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



#87

Benzo(b)fluoranthene

Concen: 50.650 ng/ul

RT: 22.98 min Scan# 3382

Delta R.T. 0.02 min

Lab File: BM012845.D

Acq: 09 Nov 2017 09:42

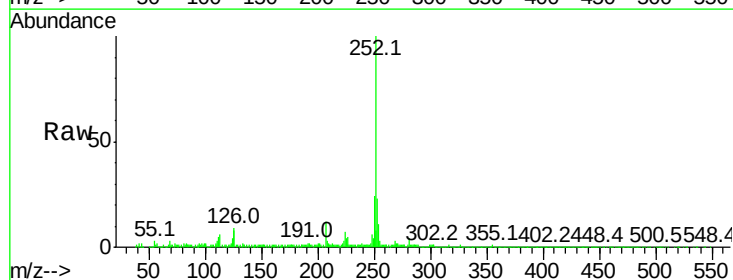
Tgt Ion:252 Resp: 1951720

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	8.1	8.5	12.7

252 100

253 22.8 17.5 26.3

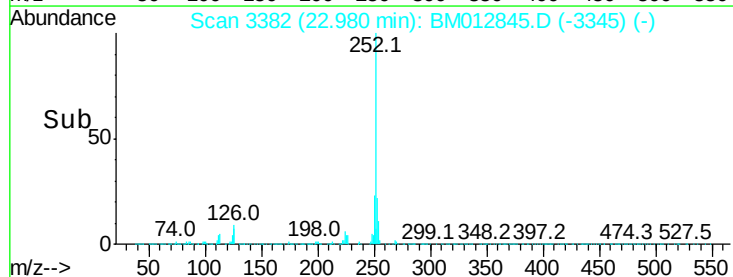
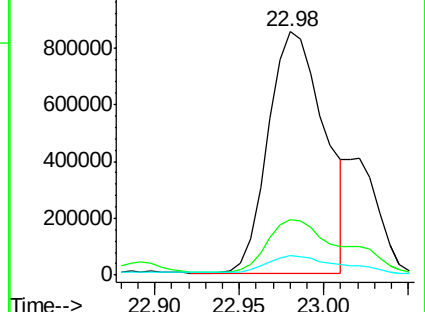
125 8.1 8.5 12.7#

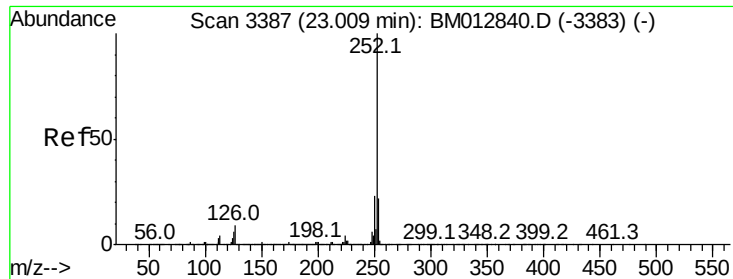


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 53.287 ng/ul

RT: 22.98 min Scan# 3382

Delta R.T. -0.03 min

Lab File: BM012845.D

Acq: 09 Nov 2017 09:42

Instrument :

BNA_M

ClientSampleId :

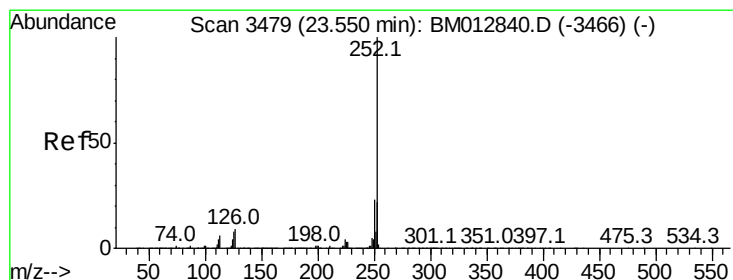
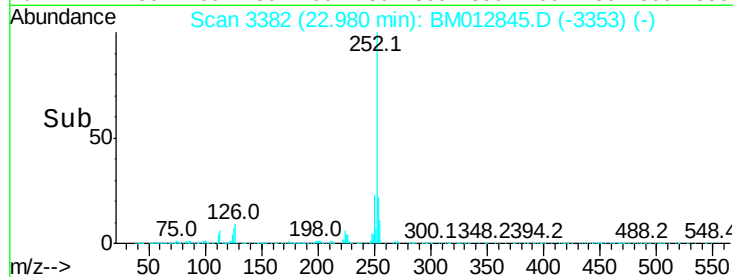
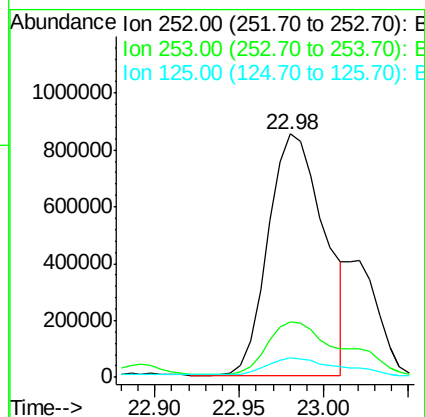
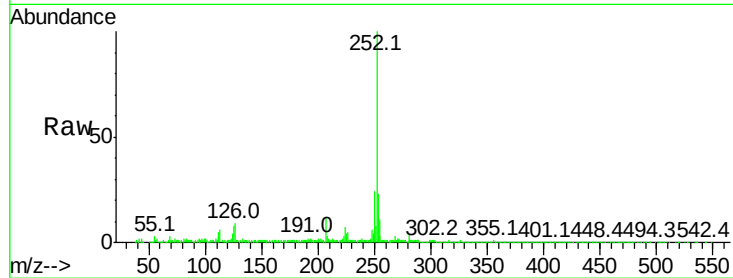
Tot Ion:252 Resp: 1951720

Ion Ratio Lower Upper

252 100

253 22.8 17.3 25.9

125 8.1 8.2 12.2#



#90

Benzo(a)pyrene

Concen: 30.365 ng/ul

RT: 23.47 min Scan# 3466

Delta R.T. -0.08 min

Lab File: BM012845.D

Acq: 09 Nov 2017 09:42

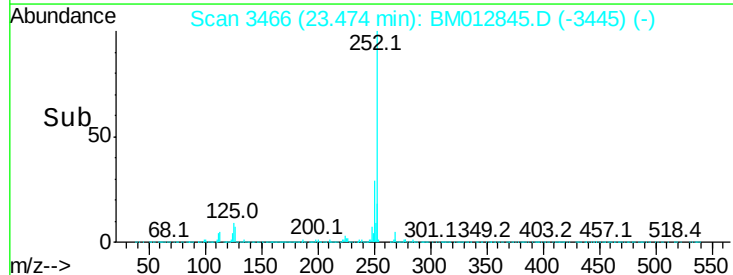
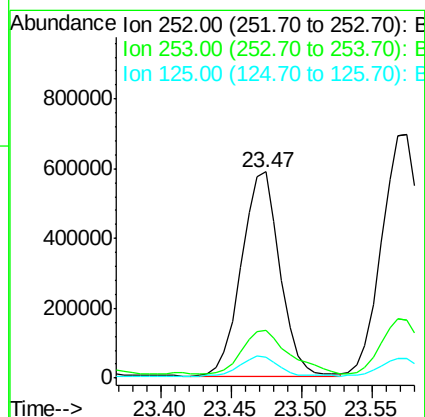
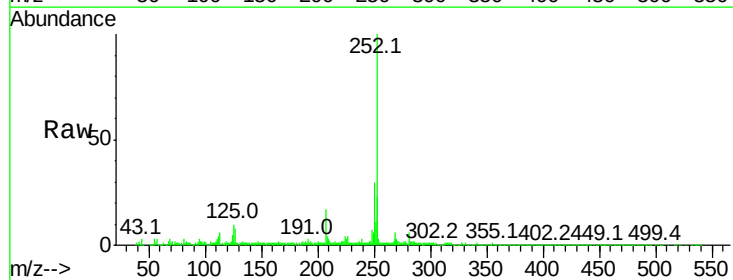
Tgt Ion:252 Resp: 1113354

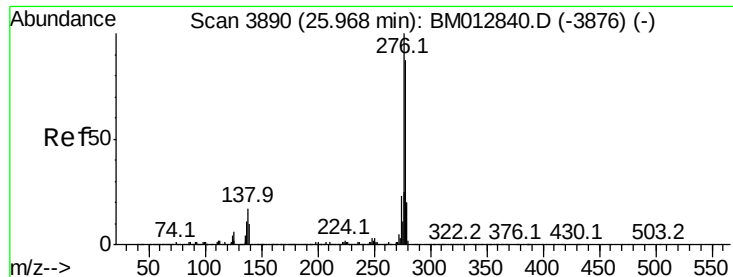
Ion Ratio Lower Upper

252 100

253 23.3 17.2 25.8

125 10.1 9.0 13.6



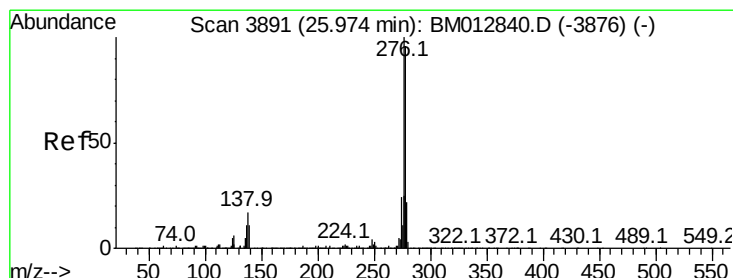
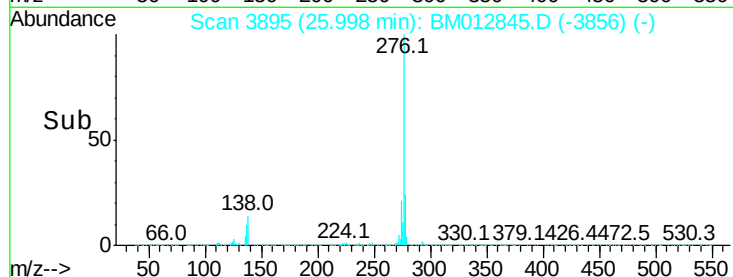
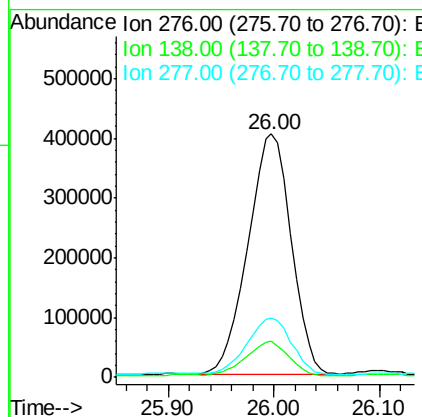
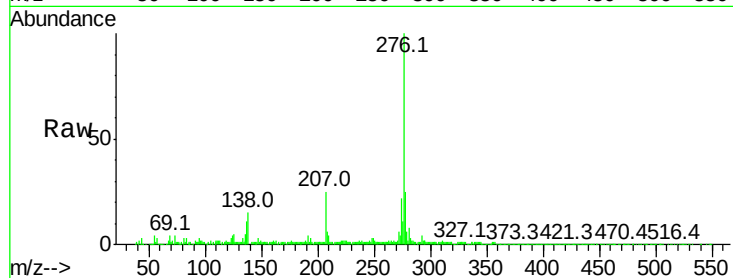


#91

Indeno(1,2,3-cd)pyrene
Concen: 26.091 ng/ul
RT: 26.00 min Scan# 3895
Delta R.T. 0.03 min
Lab File: BM012845.D
Acq: 09 Nov 2017 09:42

Instrument :
BNA_M
ClientSampleId :

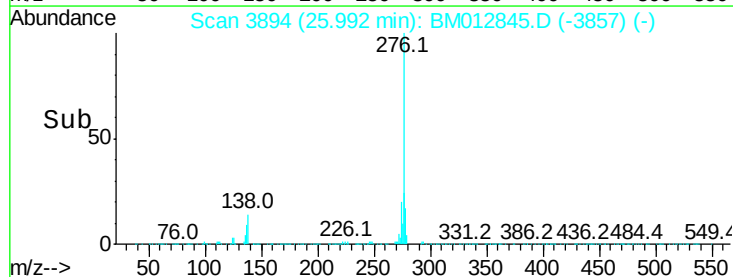
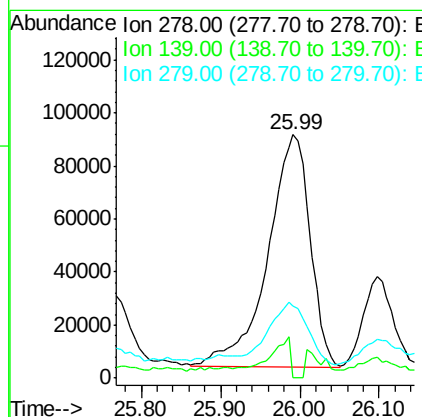
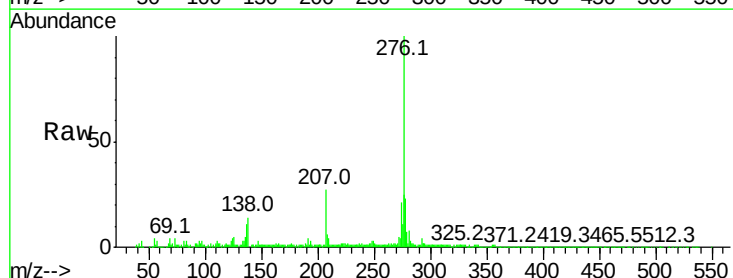
Tot Ion:276 Resp: 1152974
Ion Ratio Lower Upper
276 100
138 14.8 22.3 33.5#
277 24.6 20.2 30.2

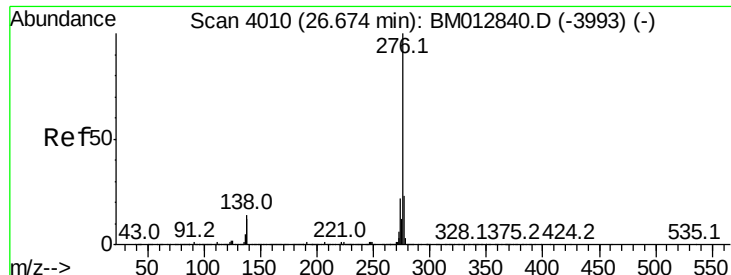


#92

Dibenzo(a,h)anthracene
Concen: 8.677 ng/ul
RT: 25.99 min Scan# 3894
Delta R.T. 0.02 min
Lab File: BM012845.D
Acq: 09 Nov 2017 09:42

Tgt Ion:278 Resp: 324575
Ion Ratio Lower Upper
278 100
139 0.0 13.9 20.9#
279 29.4 19.0 28.4#





#93

Benzo(a,h,i)perylene

Concen: 28.923 ng/ul

RT: 26.72 min Scan# 4017

Delta R.T. 0.04 min

Lab File: BM012845.D

Acq: 09 Nov 2017 09:42

Instrument :

BNA_M

ClientSampleId :

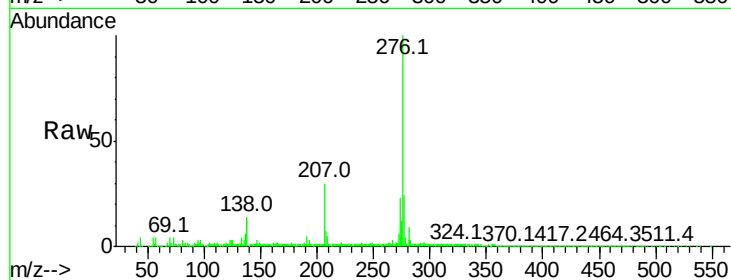
Tot Ion:276 Resp: 1053196

Ion Ratio Lower Upper

276 100

138 14.5 18.9 28.3#

277 24.4 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

