

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
 Data File : BM012462.D
 Acq On : 26 Oct 2017 02:01
 Operator : SJ/JU
 Sample : I5786-14 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 26 06:14:07 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 05:23:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	603356	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2487602	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1536530	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	3299173	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2567972	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	2801199	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.37	96	32592	2.76	ng/uL	0.00
5) Phenol-d5	7.05	99	665817	13.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	418374	13.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	531246	14.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	557273	12.94	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	265671	17.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	281648	17.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	593405	13.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	570930	12.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	1983764	14.78	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	2397785	15.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	64263	3.22	ng/ul	0.00
57) Fluorene-d10	15.50	176	1657527	14.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	21166	1.33	ng/ul	0.00
70) Anthracene-d10	17.35	188	2405547	15.30	ng/ul	0.00
76) Pyrene-d10	19.64	212	2206397	18.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	2034620	15.29	ng/ul	0.00

Target Compounds

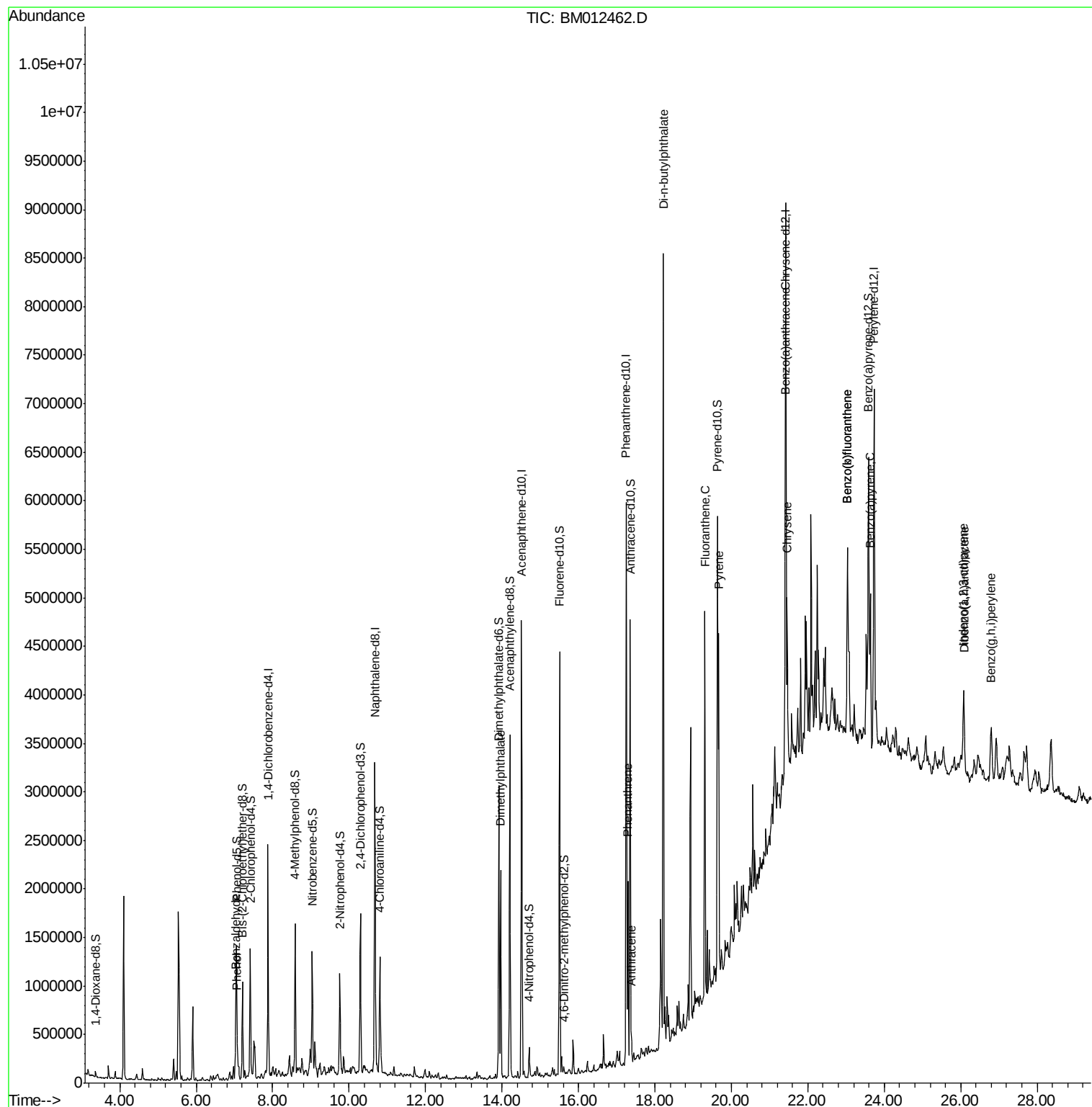
						Ovalue
4) Benzaldehyde	7.03	77	28284	1.03	ng/ul#	23
6) Phenol	7.08	94	155099	2.96	ng/ul#	89
44) Dimethylphthalate	13.96	163	1330076	10.02	ng/ul	99
69) Phenanthrene	17.29	178	1074549	6.02	ng/ul	99
71) Anthracene	17.39	178	192206	1.04	ng/ul	98
73) Di-n-butylphthalate	18.22	149	5759372	29.57	ng/ul	98
74) Fluoranthene	19.30	202	2263399	11.20	ng/ul#	94
77) Pyrene	19.67	202	2088395	14.30	ng/ul#	95
80) Benzo(a)anthracene	21.40	228	943836	6.14	ng/ul	97
82) Chrysene	21.46	228	1052345	7.70	ng/ul	96
85) Benzo(b)fluoranthene	23.04	252	1601433	9.25	ng/ul#	96
86) Benzo(k)fluoranthene	23.04	252	1601433	9.83	ng/ul#	94
88) Benzo(a)pyrene	23.63	252	1109877	6.72	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.08	276	923263	4.75	ng/ul	97
90) Dibenzo(a,h)anthracene	26.09	278	232286	1.41	ng/ul#	83
91) Benzo(g,h,i)perylene	26.80	276	777295	4.94	ng/ul#	93

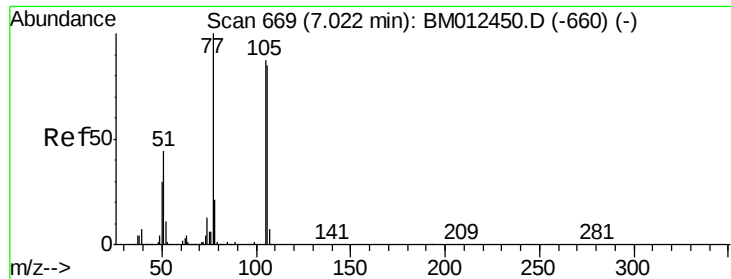
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 05:23:19 2017
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.03 ng/ul

RT: 7.03 min Scan# 670

Delta R.T. 0.01 min

Lab File: BM012462.D

Acq: 26 Oct 2017 02:01

Instrument :

BNA_M

ClientSampleId :

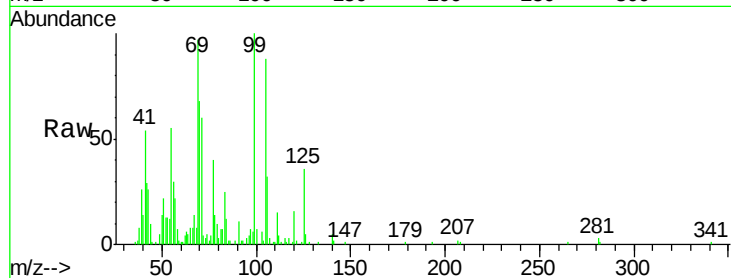
Tot Ion: 77 Resp: 28284

Ion Ratio Lower Upper

77 100

105 216.8 66.1 99.1#

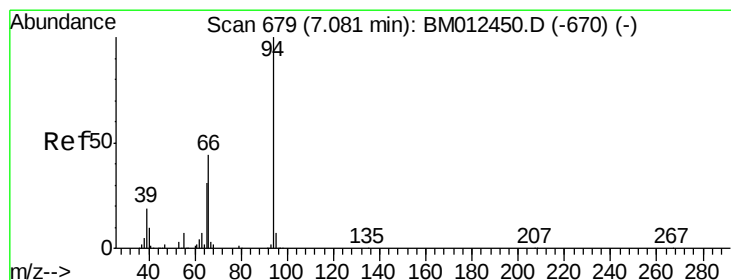
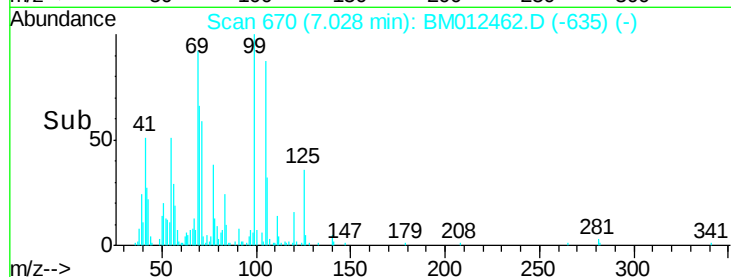
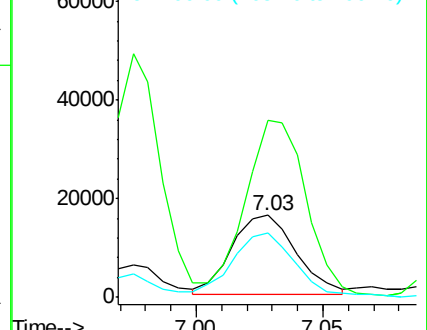
106 78.8 67.8 101.6



Abundance Ion 77.00 (76.70 to 77.70): BM012450.D (-660) (-)

Ion 105.00 (104.70 to 105.70): BM012450.D (-660) (-)

Ion 106.00 (105.70 to 106.70): BM012450.D (-660) (-)



#6

Phenol

Concen: 2.96 ng/ul

RT: 7.08 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM012462.D

Acq: 26 Oct 2017 02:01

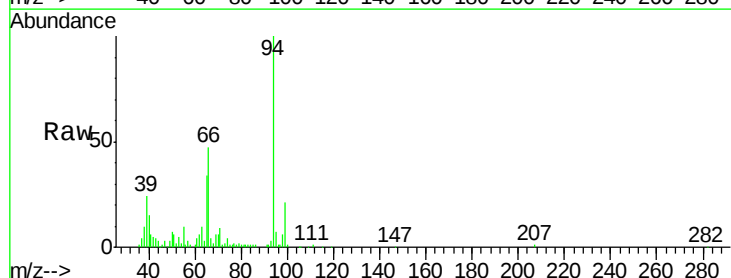
Tgt Ion: 94 Resp: 155099

Ion Ratio Lower Upper

94 100

65 33.9 28.2 42.4

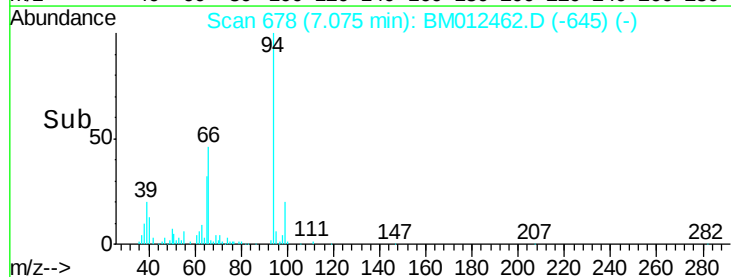
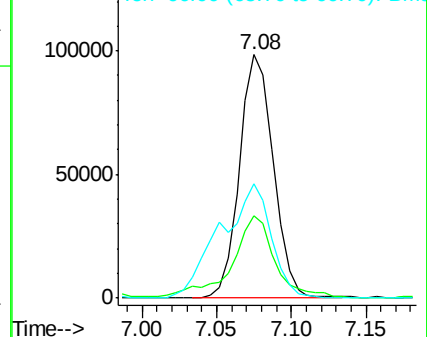
66 46.8 47.2 70.8#

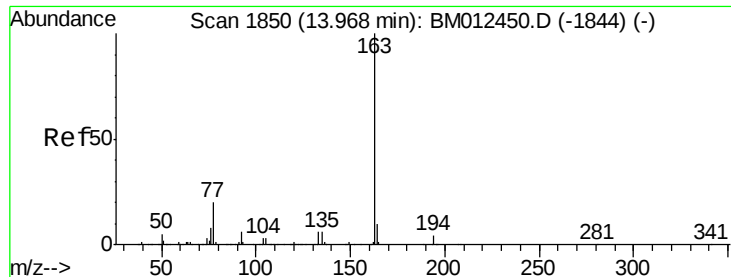


Abundance Ion 94.00 (93.70 to 94.70): BM012450.D (-670) (-)

Ion 65.00 (64.70 to 65.70): BM012450.D (-670) (-)

Ion 66.00 (65.70 to 66.70): BM012450.D (-670) (-)

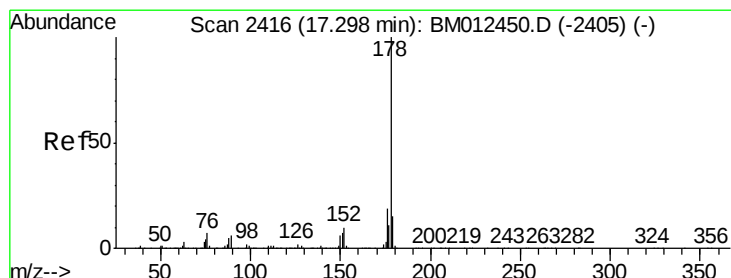
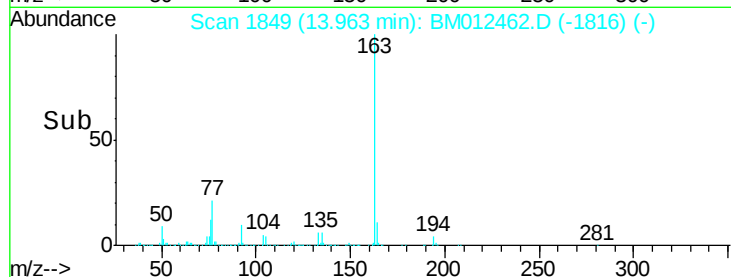
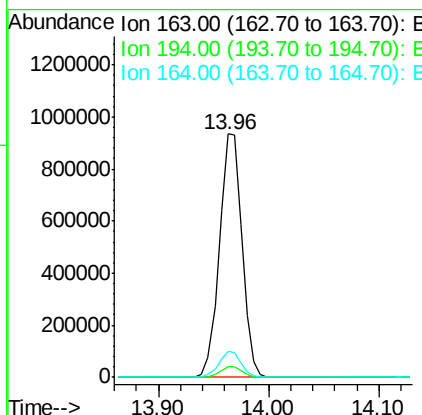
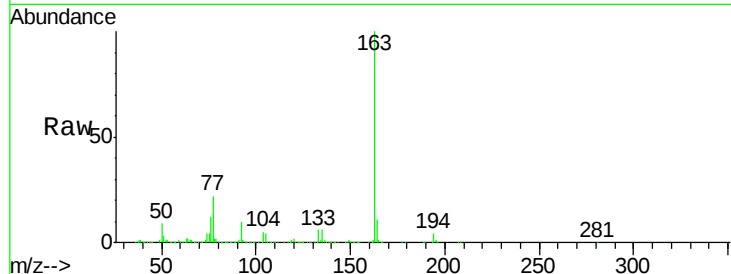




#44
Dimethylphthalate
Concen: 10.02 ng/ul
RT: 13.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BM012462.D
Acq: 26 Oct 2017 02:01

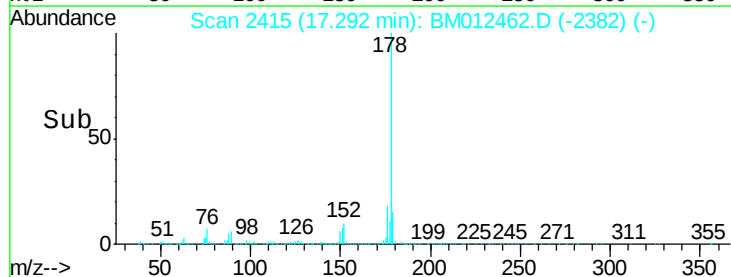
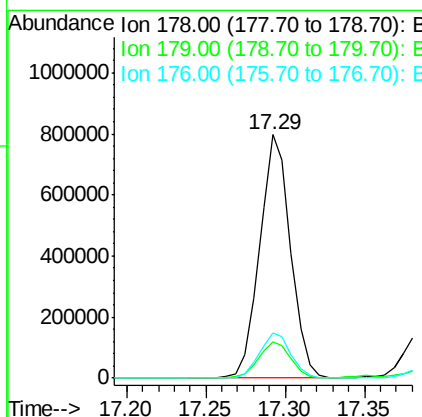
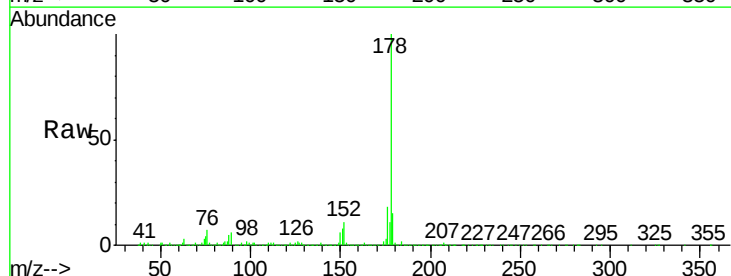
Instrument :
BNA_M
ClientSampleId :

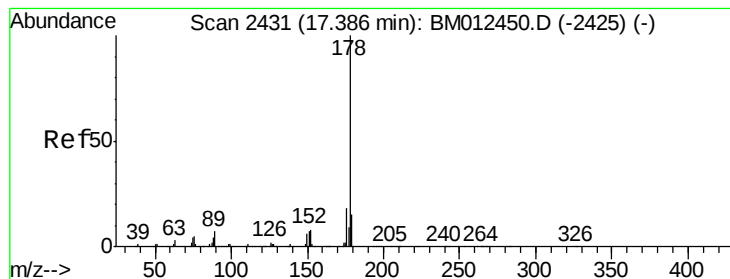
Tot Ion:163 Resp: 1330076
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.6 8.2 12.4



#69
Phenanthrene
Concen: 6.02 ng/ul
RT: 17.29 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM012462.D
Acq: 26 Oct 2017 02:01

Tgt Ion:178 Resp: 1074549
Ion Ratio Lower Upper
178 100
179 15.1 12.6 19.0
176 18.4 14.9 22.3





#71

Anthracene

Concen: 1.04 ng/ul

RT: 17.39 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BM012462.D

Acq: 26 Oct 2017 02:01

Instrument :

BNA_M

ClientSampleId :

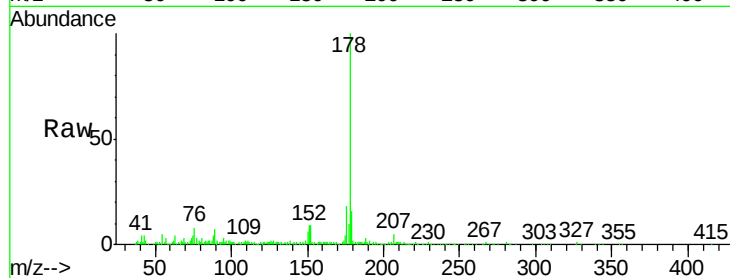
Tot Ion:178 Resp: 192206

Ion Ratio Lower Upper

178 100

179 16.4 11.7 17.5

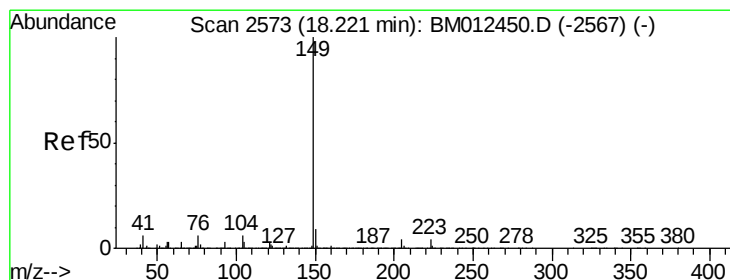
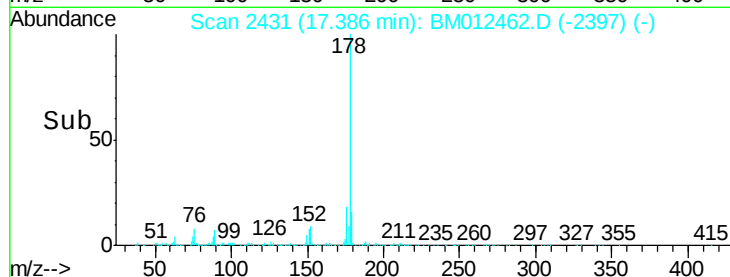
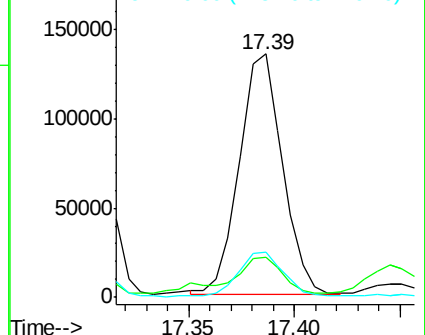
176 18.4 14.6 21.8



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



#73

Di-n-butylphthalate

Concen: 29.57 ng/ul

RT: 18.22 min Scan# 2573

Delta R.T. 0.00 min

Lab File: BM012462.D

Acq: 26 Oct 2017 02:01

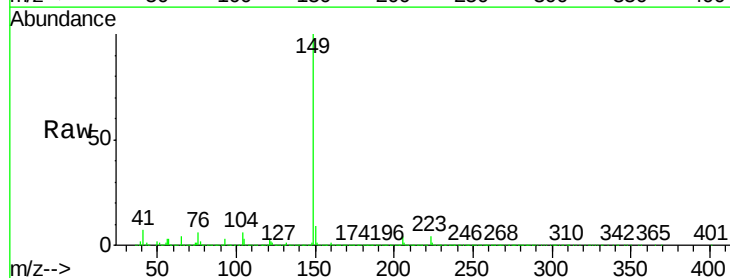
Tgt Ion:149 Resp: 5759372

Ion Ratio Lower Upper

149 100

150 9.3 7.1 10.7

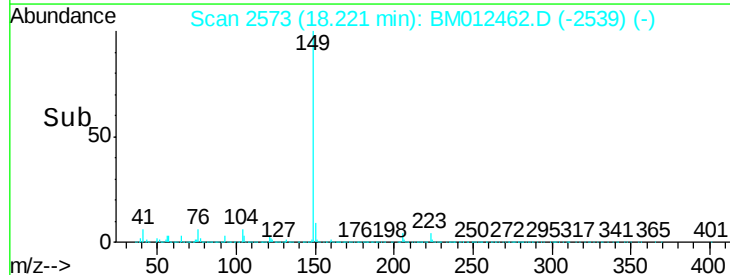
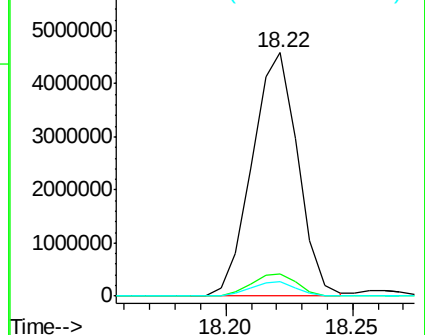
104 5.7 5.6 8.4

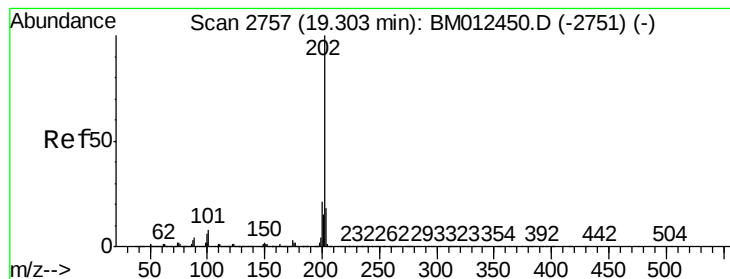


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 11.20 ng/ul

RT: 19.30 min Scan# 2757

Delta R.T. 0.00 min

Lab File: BM012462.D

Acq: 26 Oct 2017 02:01

Instrument :

BNA_M

ClientSampleId :

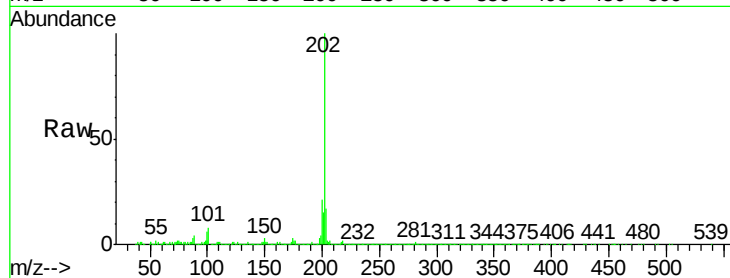
Tot Ion:202 Resp: 2263399

Ion Ratio Lower Upper

202 100

101 7.9 4.6 7.0#

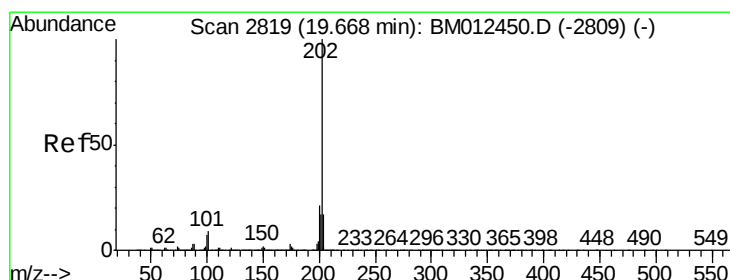
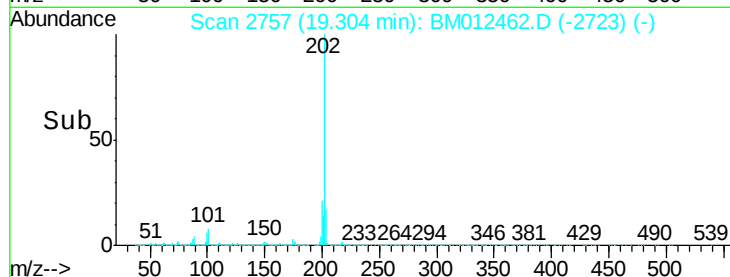
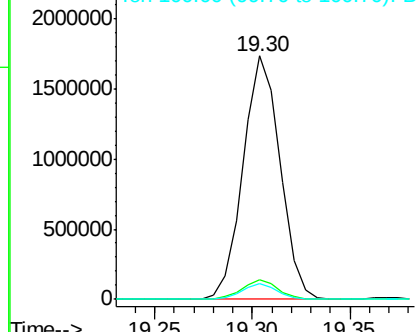
100 6.2 3.4 5.2#



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: 14.30 ng/ul

RT: 19.67 min Scan# 2819

Delta R.T. 0.00 min

Lab File: BM012462.D

Acq: 26 Oct 2017 02:01

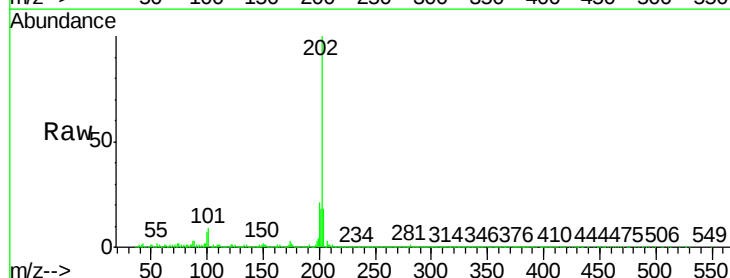
Tgt Ion:202 Resp: 2088395

Ion Ratio Lower Upper

202 100

101 8.8 5.1 7.7#

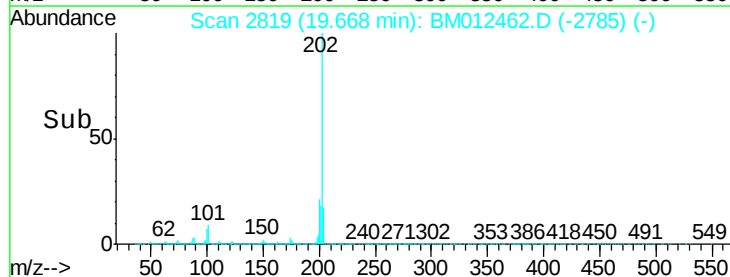
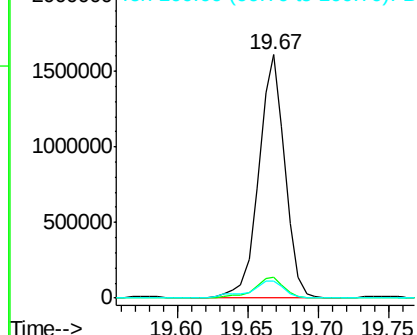
100 7.0 4.9 7.3

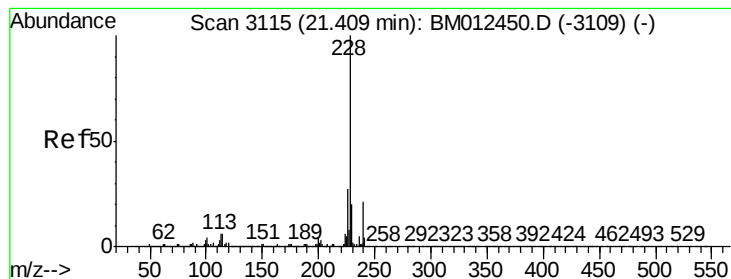


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 6.14 ng/ul

RT: 21.40 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM012462.D

Acq: 26 Oct 2017 02:01

Instrument :

BNA_M

ClientSampleId :

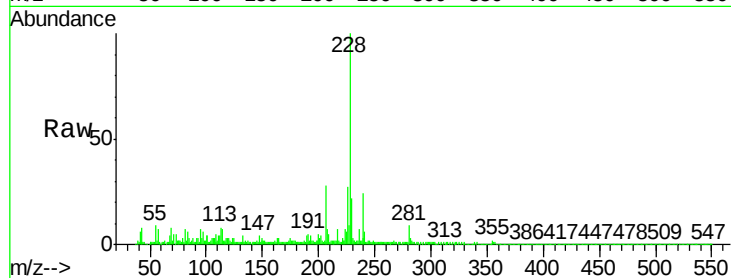
Tot Ion:228 Resp: 943836

Ion Ratio Lower Upper

228 100

229 21.5 15.4 23.0

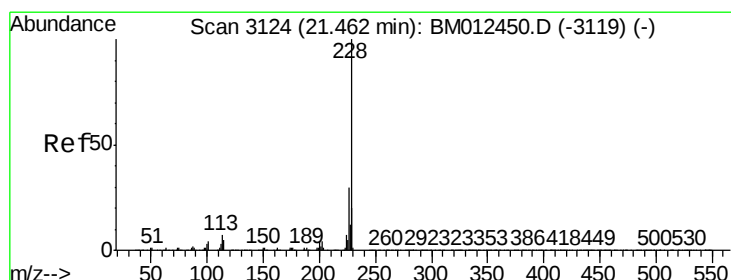
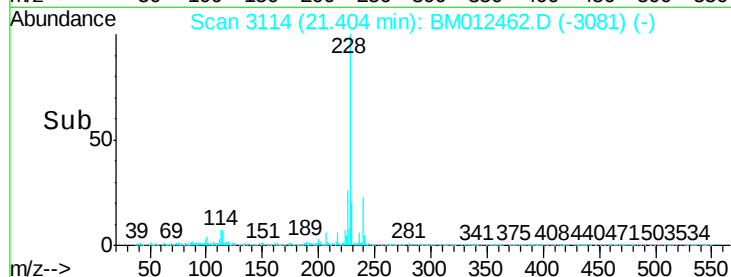
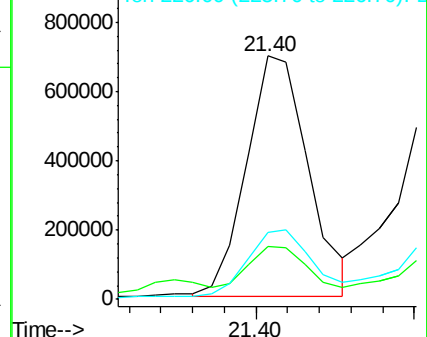
226 27.3 21.4 32.0



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: 7.70 ng/ul

RT: 21.46 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM012462.D

Acq: 26 Oct 2017 02:01

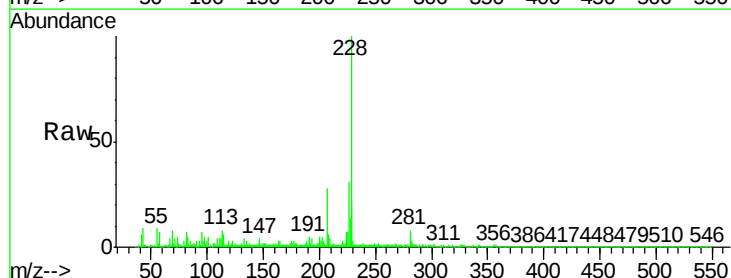
Tgt Ion:228 Resp: 1052345

Ion Ratio Lower Upper

228 100

226 30.9 23.4 35.2

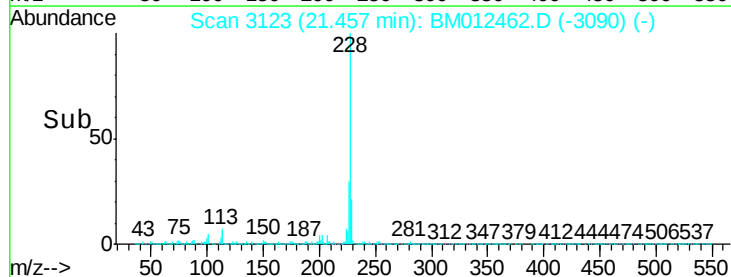
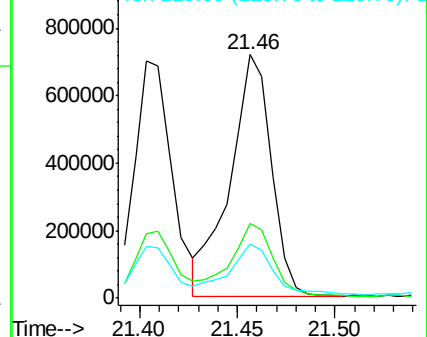
229 22.2 15.5 23.3

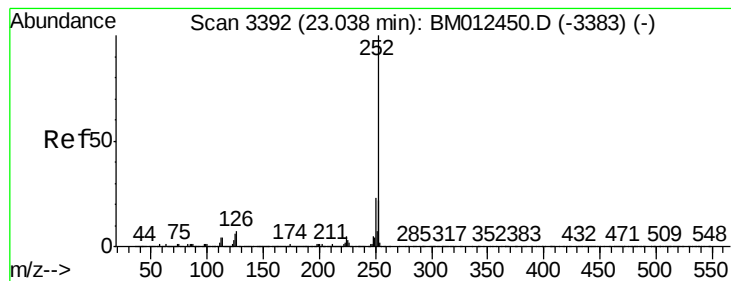


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 9.25 ng/ul

RT: 23.04 min Scan# 3392

Delta R.T. 0.00 min

Lab File: BM012462.D

Acq: 26 Oct 2017 02:01

Instrument :

BNA_M

ClientSampleId :

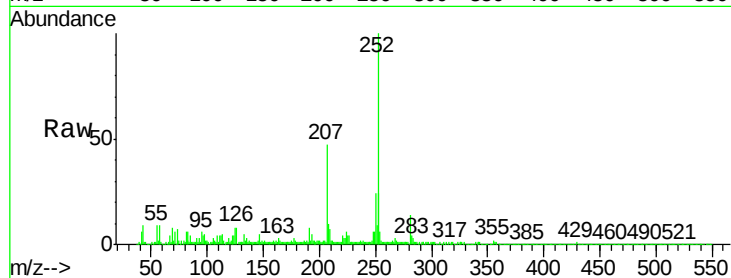
Tot Ion:252 Resp: 1601433

Ion Ratio Lower Upper

252 100

253 23.8 17.9 26.9

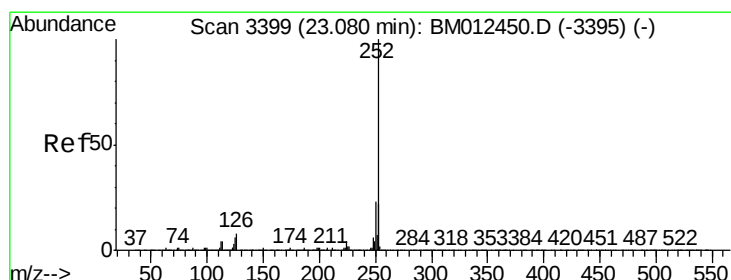
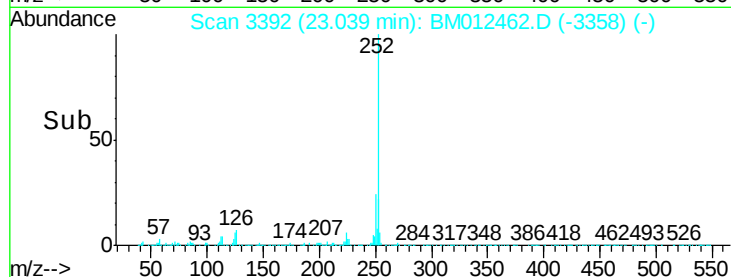
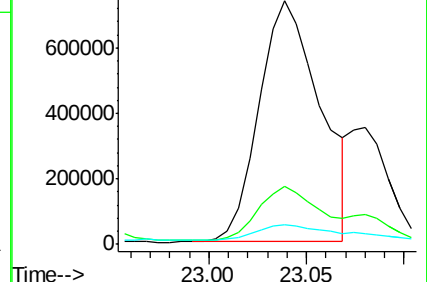
125 8.0 3.6 5.4#



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: 9.83 ng/ul

RT: 23.04 min Scan# 3392

Delta R.T. -0.04 min

Lab File: BM012462.D

Acq: 26 Oct 2017 02:01

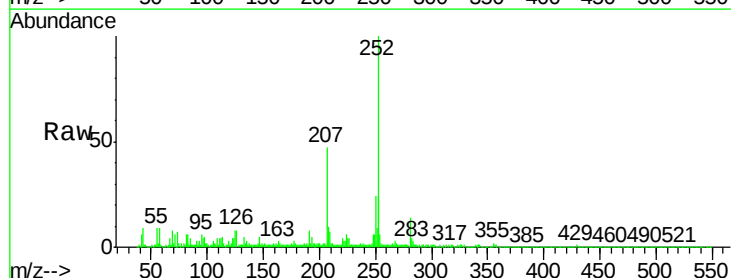
Tgt Ion:252 Resp: 1601433

Ion Ratio Lower Upper

252 100

253 23.8 17.1 25.7

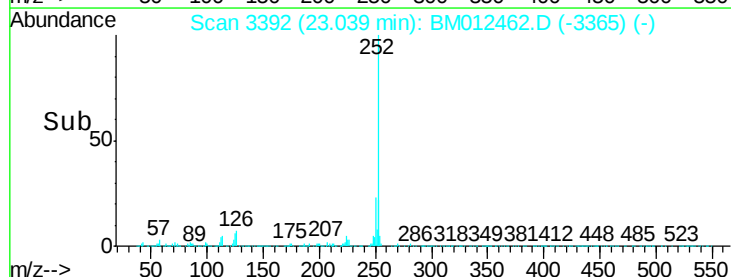
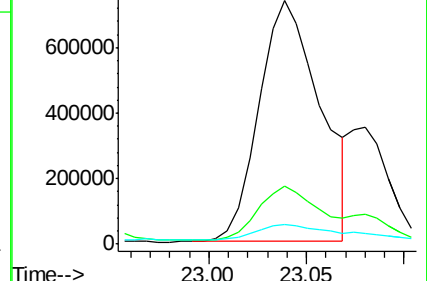
125 8.0 3.4 5.2#

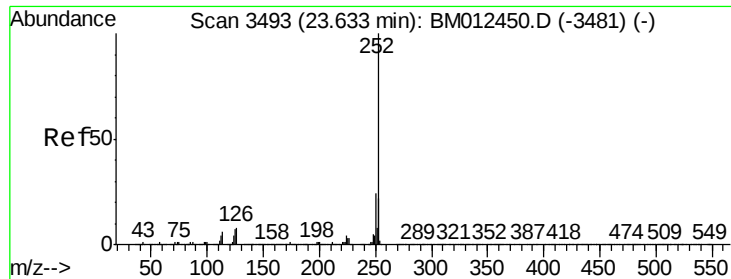


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 6.72 ng/ul

RT: 23.63 min Scan# 3493

Delta R.T. 0.00 min

Lab File: BM012462.D

Acq: 26 Oct 2017 02:01

Instrument :

BNA_M

ClientSampleId :

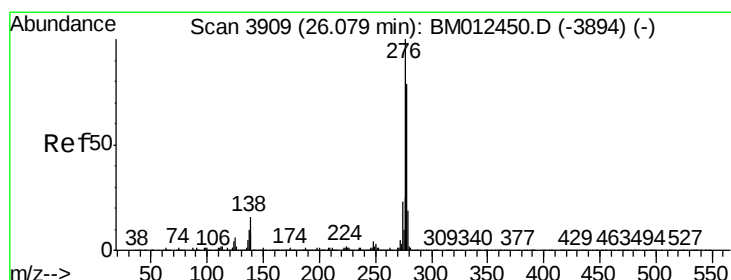
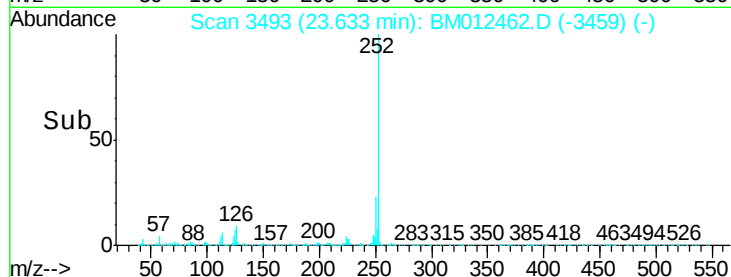
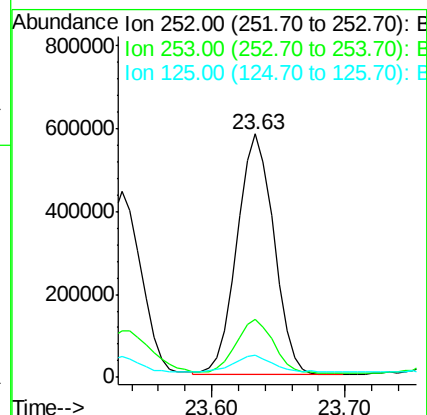
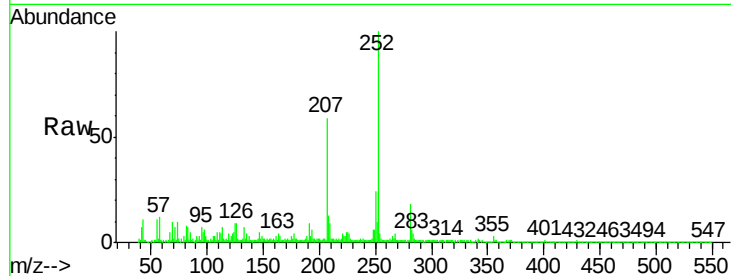
Tot Ion:252 Resp: 1109877

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.2
125	9.1	4.0	6.0

252 100

253 24.1 18.2 27.2

125 9.1 4.0 6.0



#89

Indeno(1,2,3-cd)pyrene

Concen: 4.75 ng/ul

RT: 26.08 min Scan# 3909

Delta R.T. 0.00 min

Lab File: BM012462.D

Acq: 26 Oct 2017 02:01

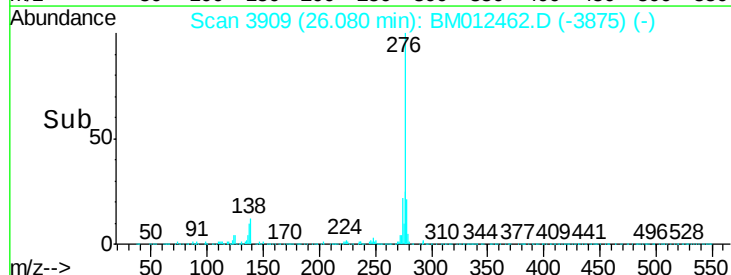
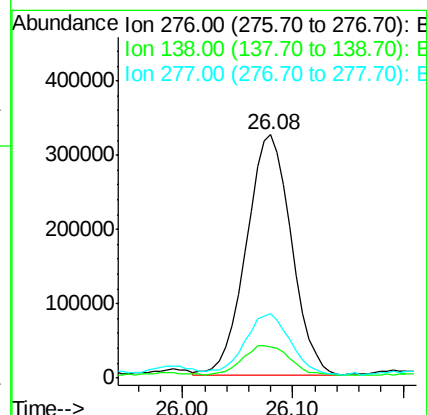
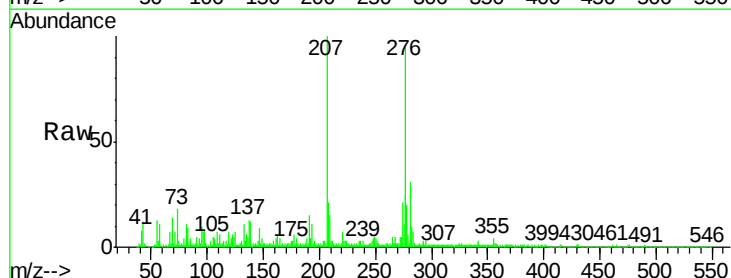
Tgt Ion:276 Resp: 923263

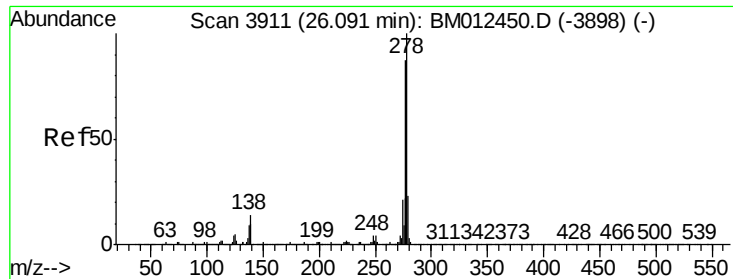
Ion	Ratio	Lower	Upper
276	100		
138	12.9	9.3	13.9
277	26.4	19.9	29.9

276 100

138 12.9 9.3 13.9

277 26.4 19.9 29.9

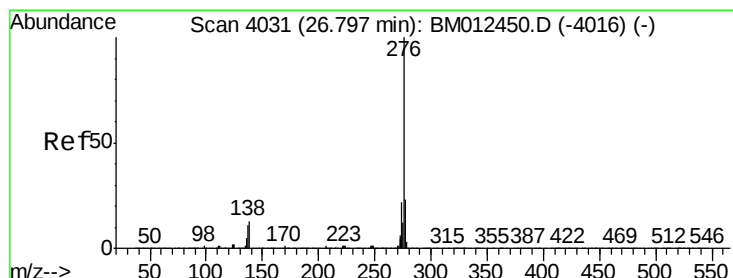
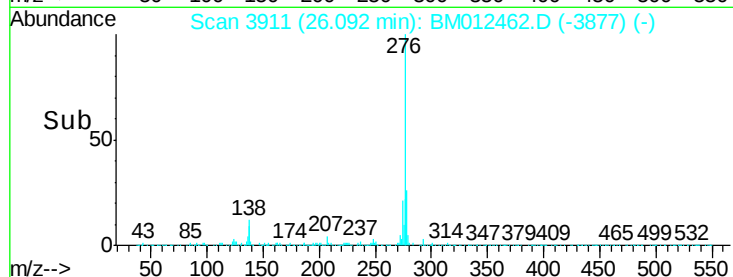
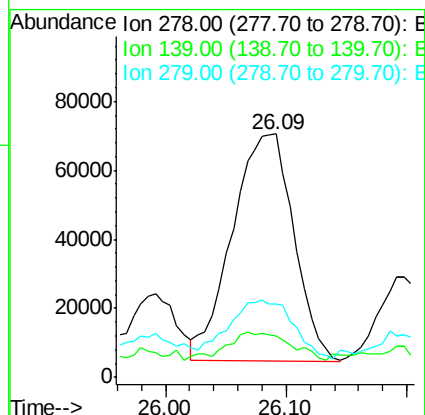
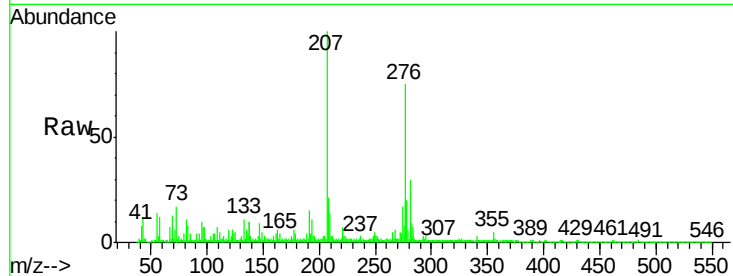




#90
Dibenzo(a,h)anthracene
Concen: 1.41 ng/ul
RT: 26.09 min Scan# 3911
Delta R.T. 0.00 min
Lab File: BM012462.D
Acq: 26 Oct 2017 02:01

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 232286
Ion Ratio Lower Upper
278 100
139 17.0 5.8 8.8#
279 30.1 18.6 27.8#



#91
Benzo(g,h,i)perylene
Concen: 4.94 ng/ul
RT: 26.80 min Scan# 4031
Delta R.T. 0.00 min
Lab File: BM012462.D
Acq: 26 Oct 2017 02:01

Tgt Ion:276 Resp: 777295
Ion Ratio Lower Upper
276 100
138 14.4 8.5 12.7#
277 25.9 18.6 28.0

