

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
 Data File : BM012463.D
 Acq On : 26 Oct 2017 02:38
 Operator : SJ/JU
 Sample : I5873-02 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 26 06:14:19 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	603431	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2494566	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1570990	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	3537573	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2752912	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	2888911	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.37	96	25429	2.15	ng/uL	0.00
5) Phenol-d5	7.05	99	461626	9.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	330655	11.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	252040	6.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	409958	9.52	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	212365	13.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	83512	5.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	138719	3.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	423855	9.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	1538958	11.21	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	1852516	11.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	2616	0.13	ng/ul	0.00
57) Fluorene-d10	15.50	176	1345805	11.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	230	0.01	ng/ul	0.00
70) Anthracene-d10	17.35	188	2031757	12.05	ng/ul	0.00
76) Pyrene-d10	19.64	212	1943711	15.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	1654524	12.06	ng/ul	0.00

Target Compounds

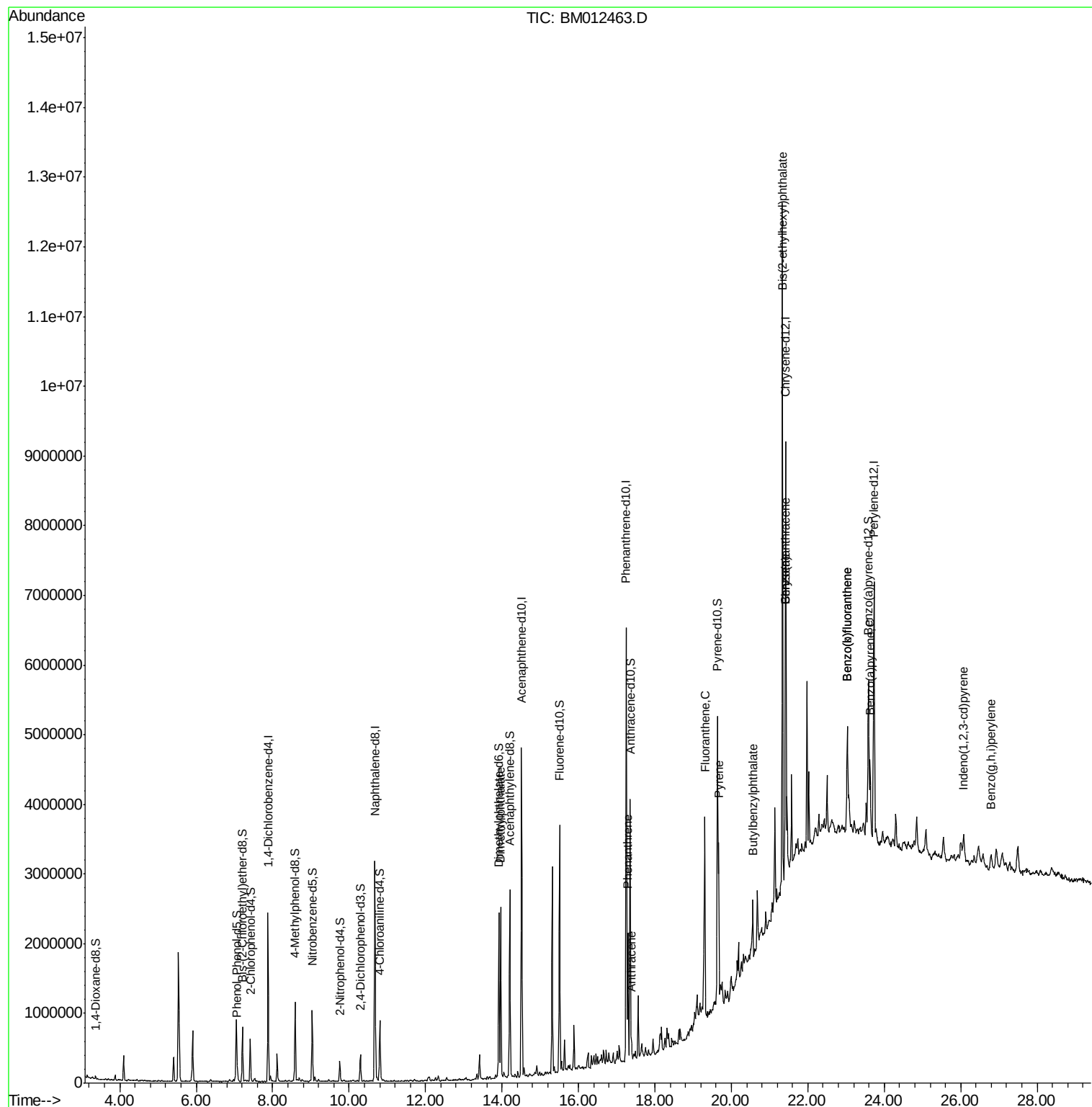
						Ovalue
6) Phenol	7.07	94	92685	1.77	ng/ul#	86
44) Dimethylphthalate	13.96	163	1511979	11.14	ng/ul	99
69) Phenanthrene	17.29	178	1077927	5.63	ng/ul	99
71) Anthracene	17.39	178	211320	1.07	ng/ul	96
74) Fluoranthene	19.30	202	1599970	7.38	ng/ul#	95
77) Pyrene	19.67	202	1282923	8.19	ng/ul#	96
78) Butylbenzylphthalate	20.56	149	94427	1.53	ng/ul	99
80) Benzo(a)anthracene	21.40	228	603844	3.66	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.34	149	3204730	34.15	ng/ul	99
82) Chrysene	21.40	228	603844	4.12	ng/ul	97
85) Benzo(b)fluoranthene	23.04	252	818623	4.58	ng/ul#	89
86) Benzo(k)fluoranthene	23.04	252	818623	4.87	ng/ul#	87
88) Benzo(a)pyrene	23.63	252	510511	3.00	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	26.07	276	397346	1.98	ng/ul	93
91) Benzo(g,h,i)perylene	26.80	276	303042	1.87	ng/ul#	87

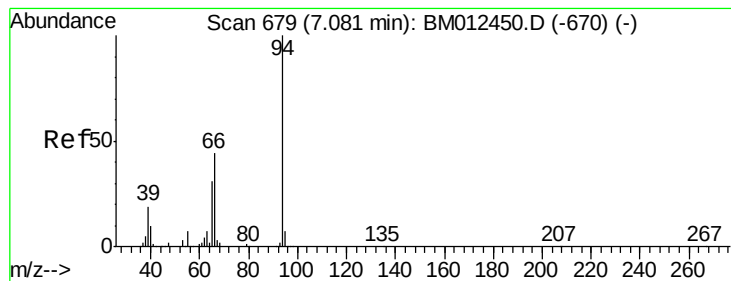
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#6

Phenol

Concen: 1.77 ng/ul

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM012463.D

Acq: 26 Oct 2017 02:38

Instrument :

BNA_M

ClientSampleId :

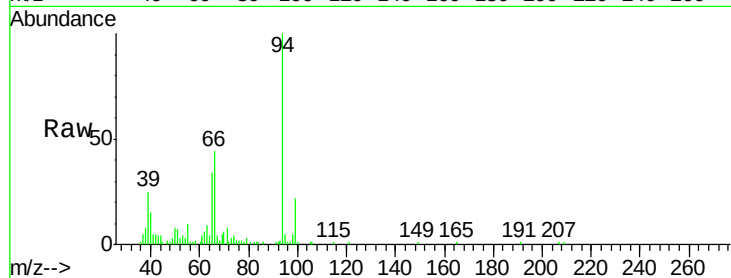
Tot Ion: 94 Resp: 92685

Ion Ratio Lower Upper

94 100

65 33.7 28.2 42.4

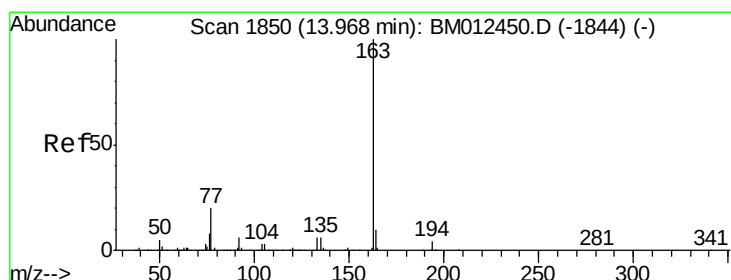
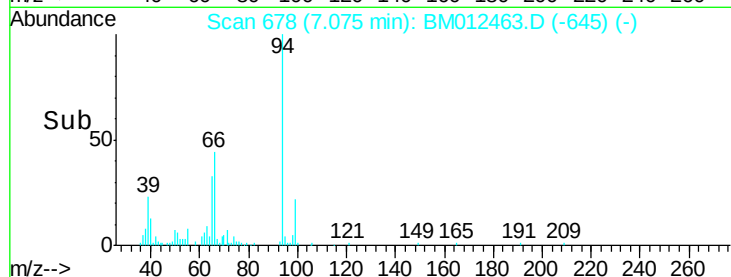
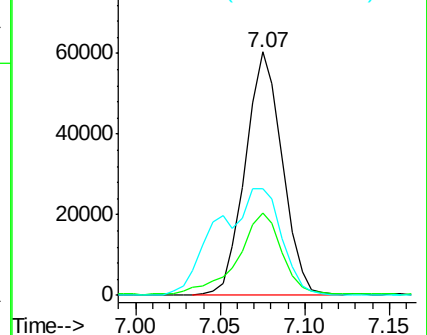
66 44.0 47.2 70.8#



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: 11.14 ng/ul

RT: 13.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BM012463.D

Acq: 26 Oct 2017 02:38

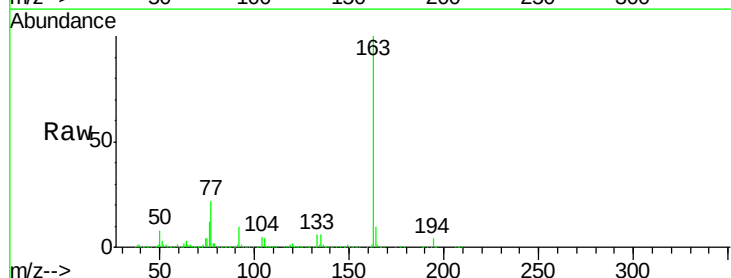
Tgt Ion:163 Resp: 1511979

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

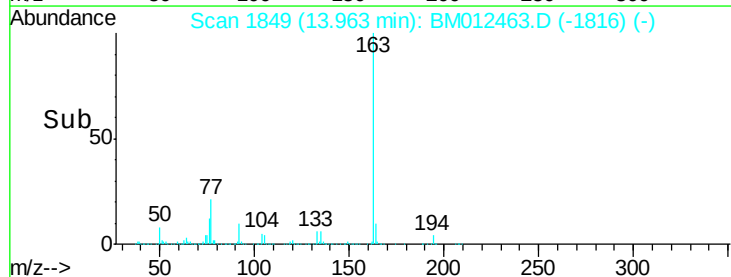
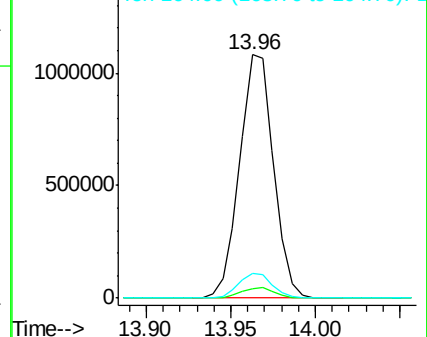
164 10.1 8.2 12.4

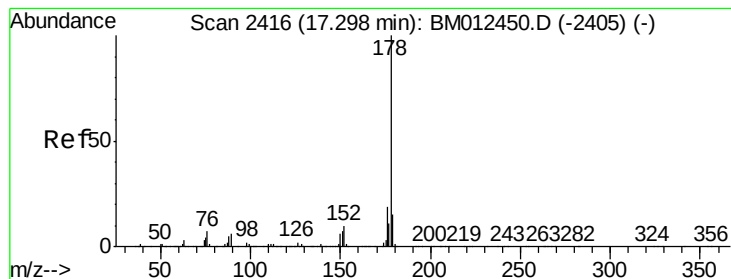


Abundance Ion 163.00 (162.70 to 163.70): BM012450.D (-1844) (-)

Ion 194.00 (193.70 to 194.70): BM012450.D (-1844) (-)

Ion 164.00 (163.70 to 164.70): BM012450.D (-1844) (-)





#69

Phenanthrene

Concen: 5.63 ng/ul

RT: 17.29 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM012463.D

Acq: 26 Oct 2017 02:38

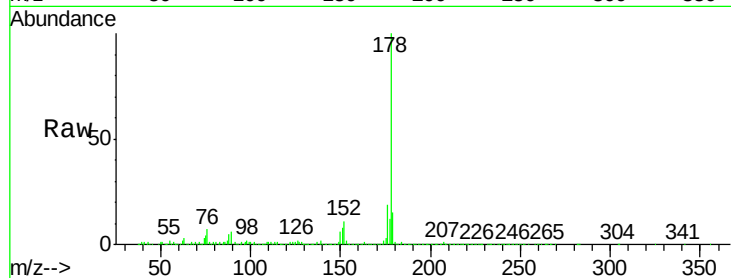
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 1077927

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	19.3	14.9	22.3

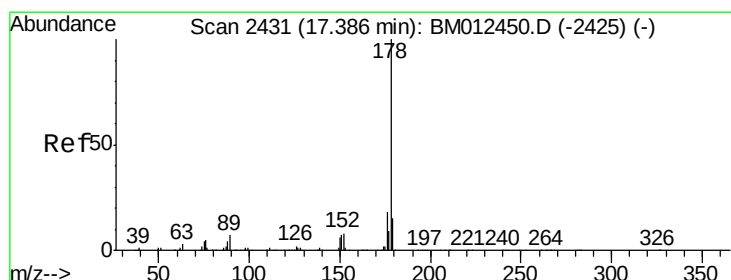
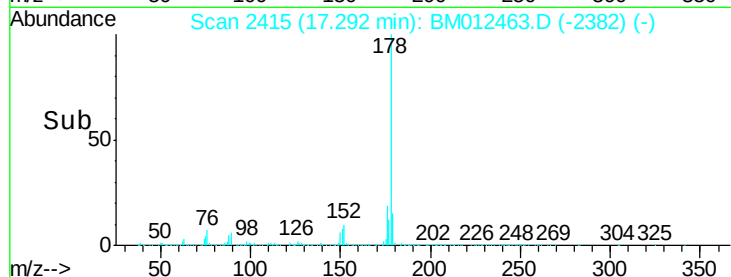
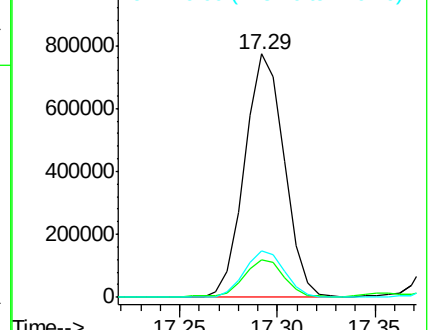


Abundance

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: 1.07 ng/ul

RT: 17.39 min Scan# 2431

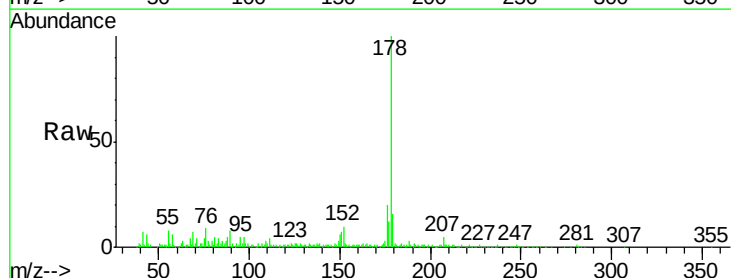
Delta R.T. 0.00 min

Lab File: BM012463.D

Acq: 26 Oct 2017 02:38

Tgt Ion:178 Resp: 211320

Ion	Ratio	Lower	Upper
178	100		
179	16.3	11.7	17.5
176	19.9	14.6	21.8

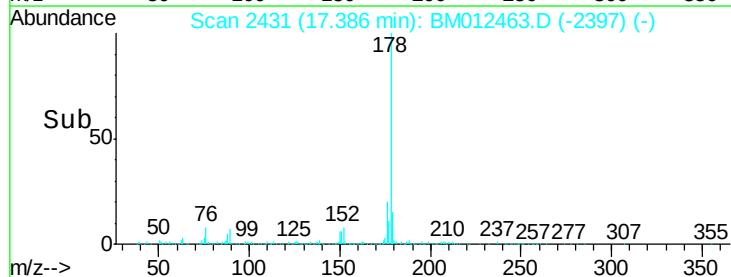
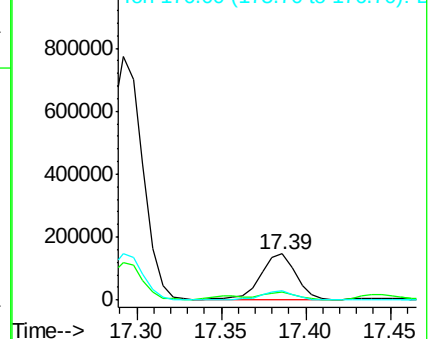


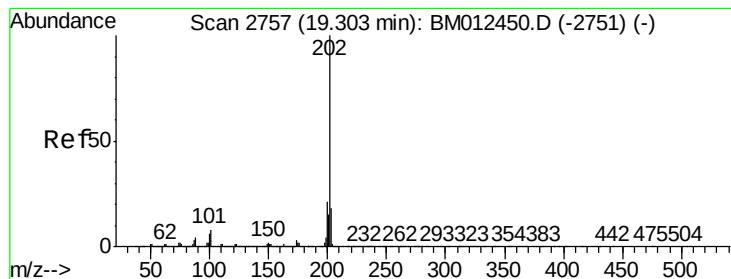
Abundance

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: 7.38 ng/ul

RT: 19.30 min Scan# 2757

Delta R.T. 0.00 min

Lab File: BM012463.D

Acq: 26 Oct 2017 02:38

Instrument :

BNA_M

ClientSampleId :

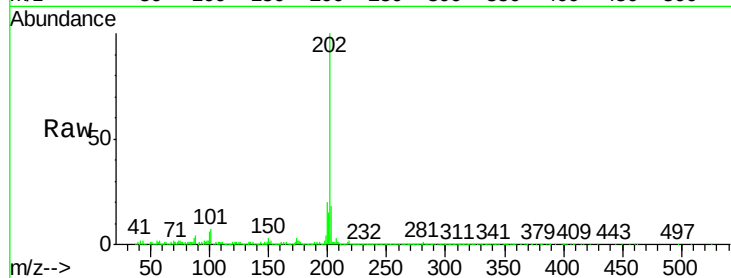
Tot Ion:202 Resp: 1599970

Ion	Ratio	Lower	Upper
202	100		
101	7.4	4.6	7.0#
100	5.7	3.4	5.2#

202 100

101 7.4 4.6 7.0#

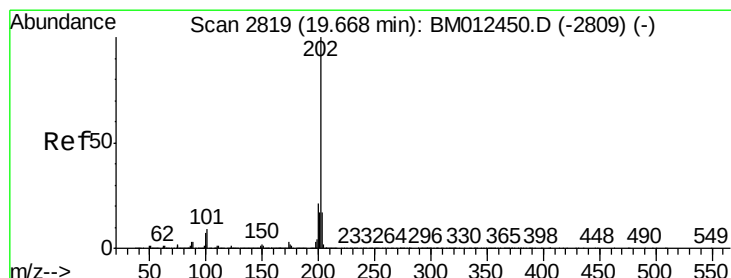
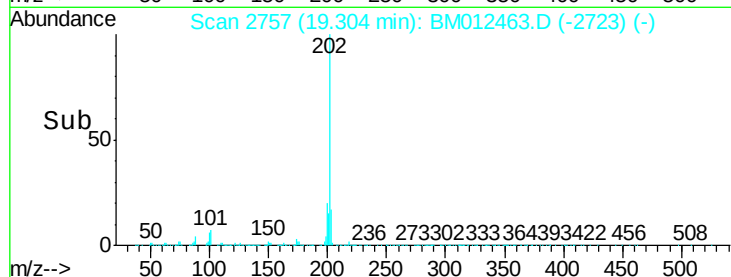
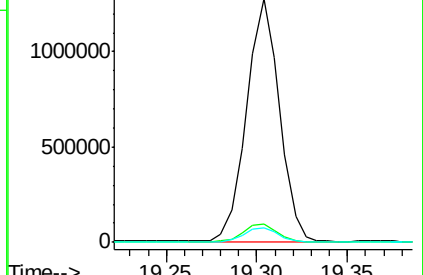
100 5.7 3.4 5.2#



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: 8.19 ng/ul

RT: 19.67 min Scan# 2819

Delta R.T. 0.00 min

Lab File: BM012463.D

Acq: 26 Oct 2017 02:38

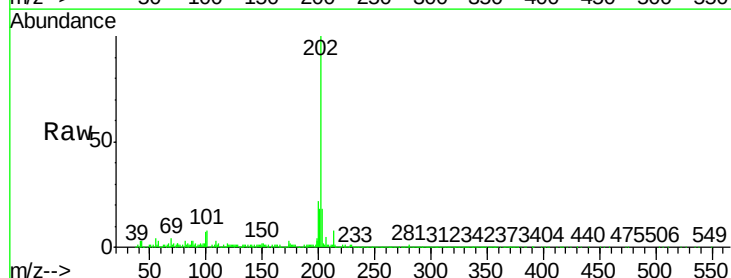
Tgt Ion:202 Resp: 1282923

Ion	Ratio	Lower	Upper
202	100		
101	8.2	5.1	7.7#
100	7.2	4.9	7.3

202 100

101 8.2 5.1 7.7#

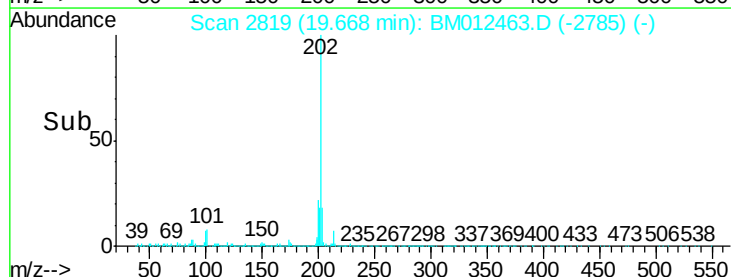
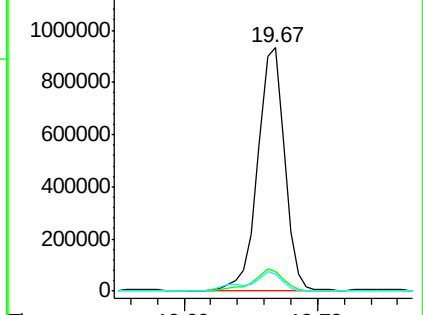
100 7.2 4.9 7.3

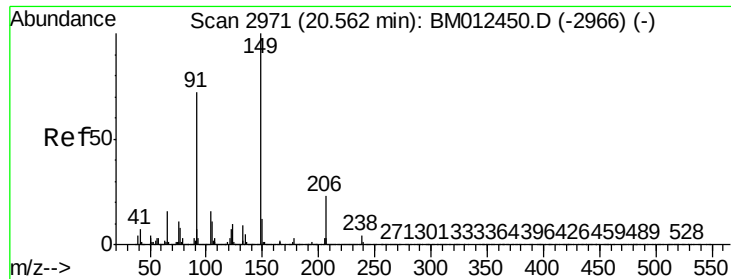


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

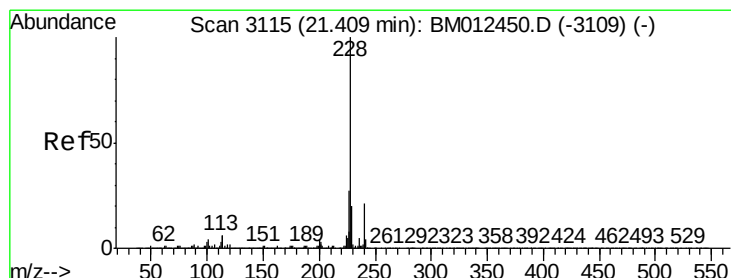
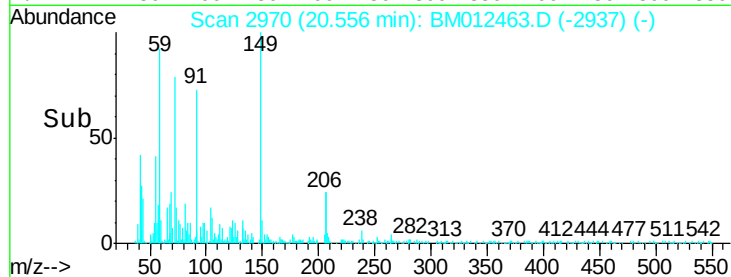
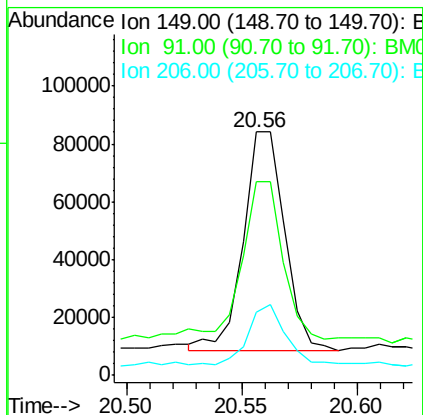
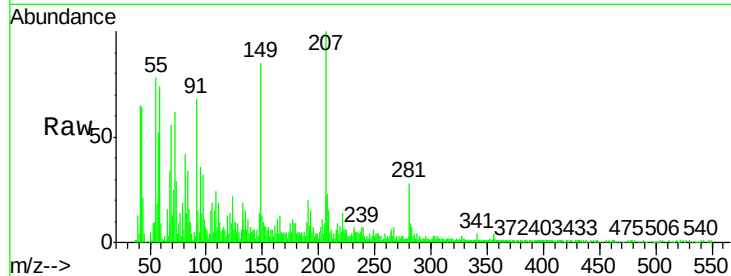




#78
Butylbenzylphthalate
Concen: 1.53 ng/ul
RT: 20.56 min Scan# 2970
Delta R.T. -0.01 min
Lab File: BM012463.D
Acq: 26 Oct 2017 02:38

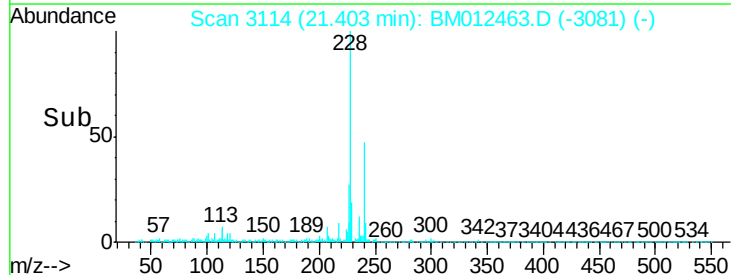
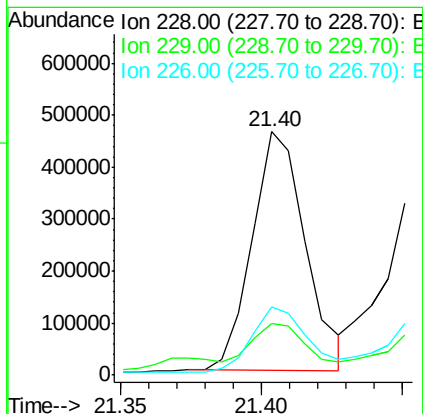
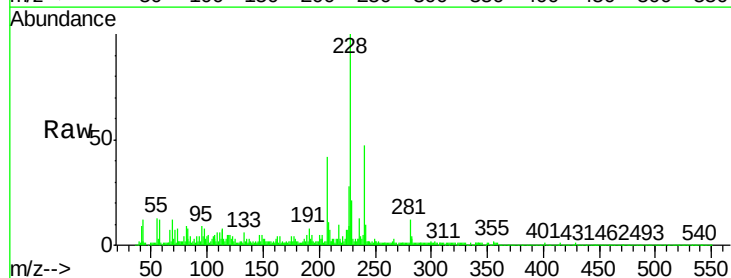
Instrument :
BNA_M
ClientSampleId :

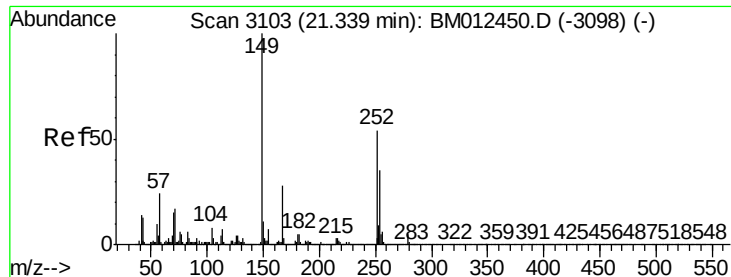
Tot Ion:149 Resp: 94427
Ion Ratio Lower Upper
149 100
91 79.8 62.7 94.1
206 26.0 20.8 31.2



#80
Benzo(a)anthracene
Concen: 3.66 ng/ul
RT: 21.40 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM012463.D
Acq: 26 Oct 2017 02:38

Tgt Ion:228 Resp: 603844
Ion Ratio Lower Upper
228 100
229 21.0 15.4 23.0
226 28.2 21.4 32.0





#81

Bis(2-ethylhexyl)phthalate

Concen: 34.15 ng/ul

RT: 21.34 min Scan# 3103

Delta R.T. 0.00 min

Lab File: BM012463.D

Acq: 26 Oct 2017 02:38

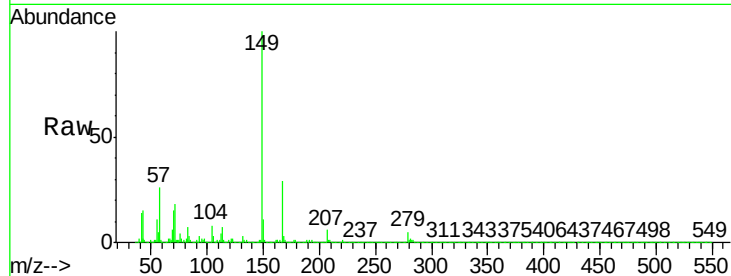
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 3204730

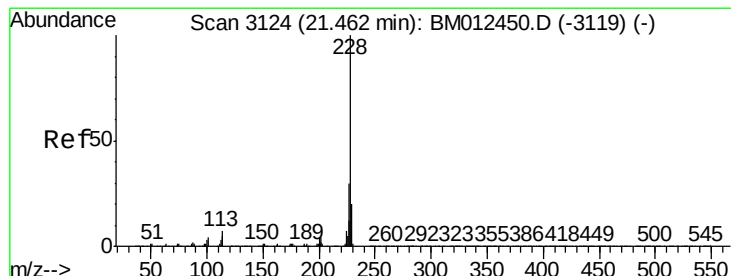
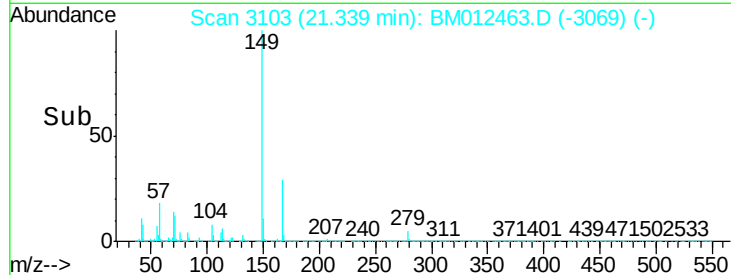
Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.8	34.2
279	5.3	4.9	7.3



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: 4.12 ng/ul

RT: 21.40 min Scan# 3114

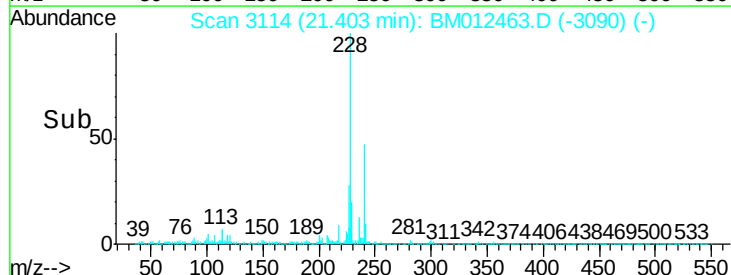
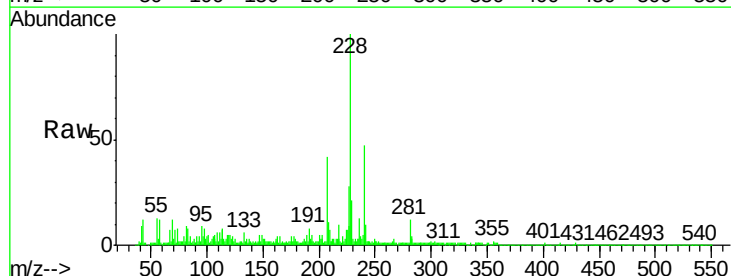
Delta R.T. -0.06 min

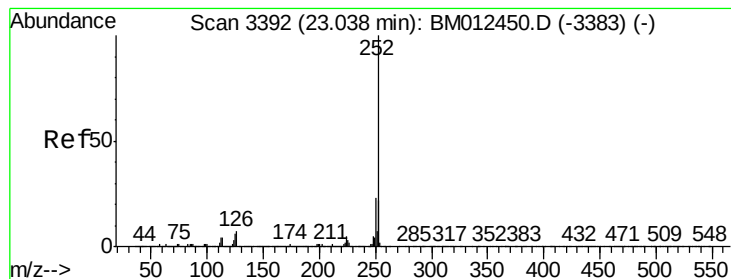
Lab File: BM012463.D

Acq: 26 Oct 2017 02:38

Tgt Ion:228 Resp: 603844

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.4	35.2
229	21.0	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 4.58 ng/ul

RT: 23.04 min Scan# 3392

Delta R.T. 0.00 min

Lab File: BM012463.D

Acq: 26 Oct 2017 02:38

Instrument :

BNA_M

ClientSampled :

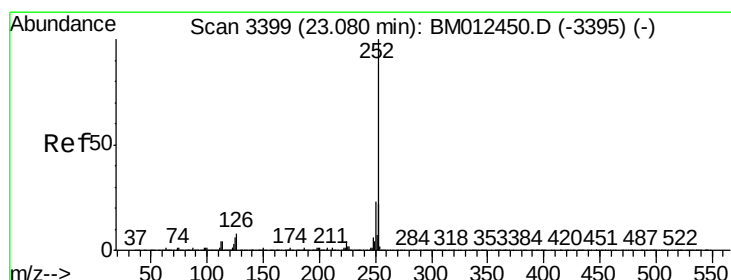
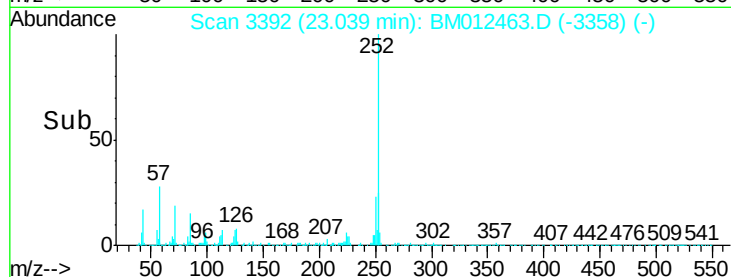
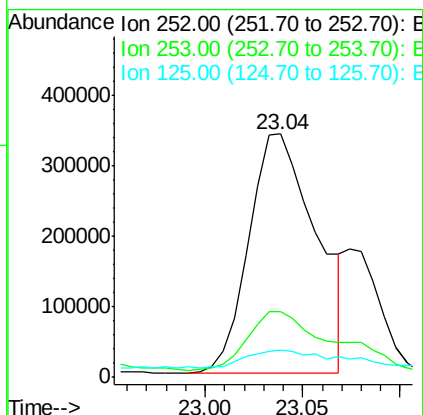
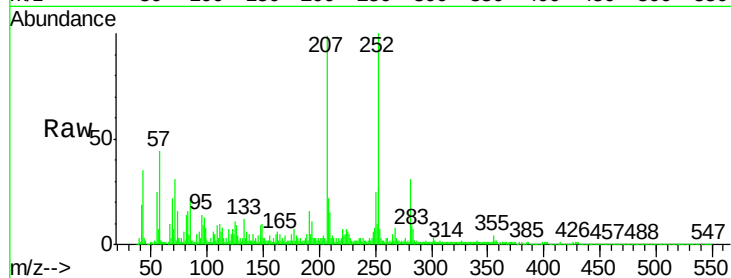
Tot Ion:252 Resp: 818623

Ion Ratio Lower Upper

252 100

253 27.0 17.9 26.9#

125 11.0 3.6 5.4#



#86

Benzo(k)fluoranthene

Concen: 4.87 ng/ul

RT: 23.04 min Scan# 3392

Delta R.T. -0.04 min

Lab File: BM012463.D

Acq: 26 Oct 2017 02:38

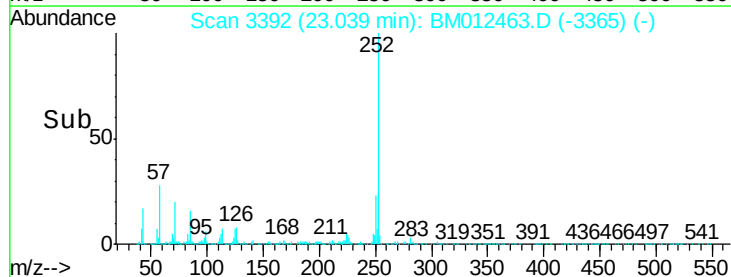
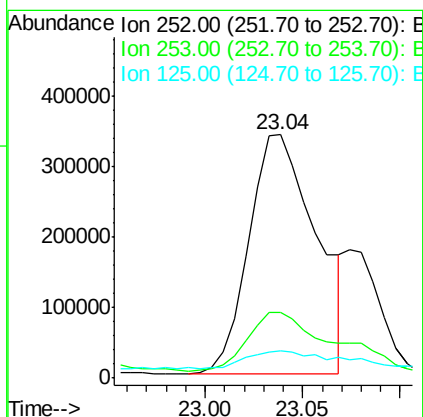
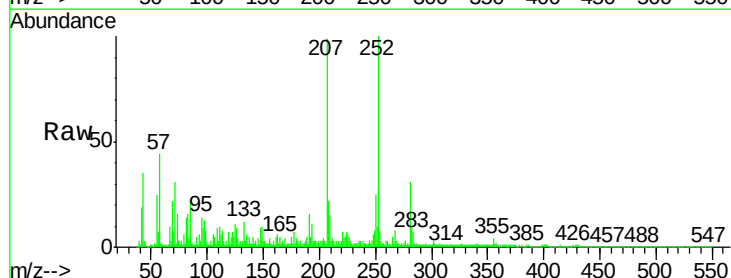
Tgt Ion:252 Resp: 818623

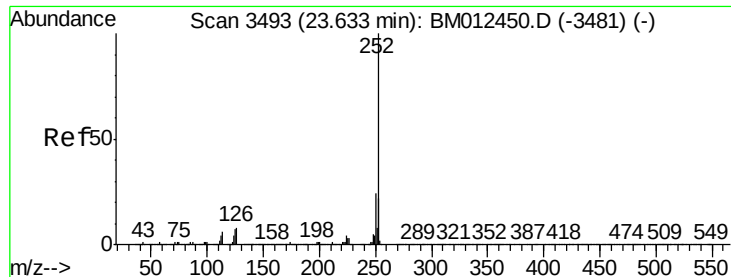
Ion Ratio Lower Upper

252 100

253 27.0 17.1 25.7#

125 11.0 3.4 5.2#





#88

Benzo(a)pyrene

Concen: 3.00 ng/ul

RT: 23.63 min Scan# 3493

Delta R.T. 0.00 min

Lab File: BM012463.D

Acq: 26 Oct 2017 02:38

Instrument :

BNA_M

ClientSampleId :

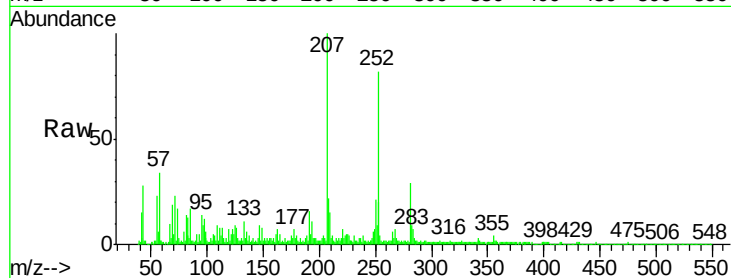
Tot Ion:252 Resp: 510511

Ion Ratio Lower Upper

252 100

253 24.8 18.2 27.2

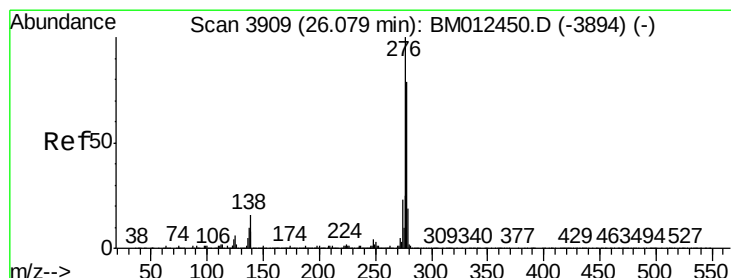
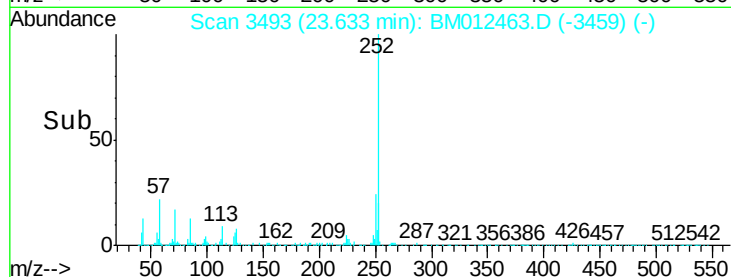
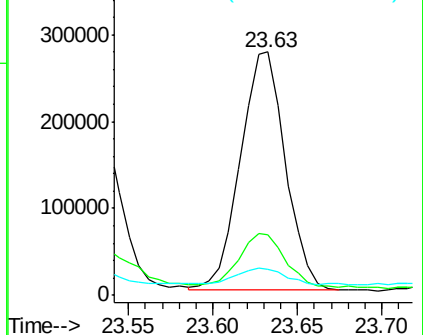
125 10.9 4.0 6.0#



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: 1.98 ng/ul

RT: 26.07 min Scan# 3908

Delta R.T. -0.01 min

Lab File: BM012463.D

Acq: 26 Oct 2017 02:38

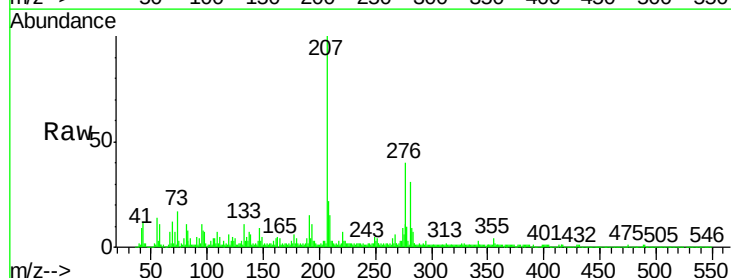
Tgt Ion:276 Resp: 397346

Ion Ratio Lower Upper

276 100

138 13.8 9.3 13.9

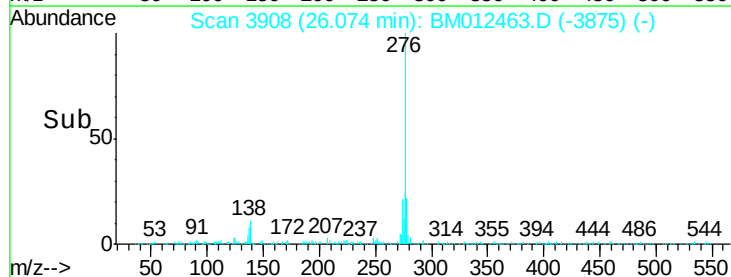
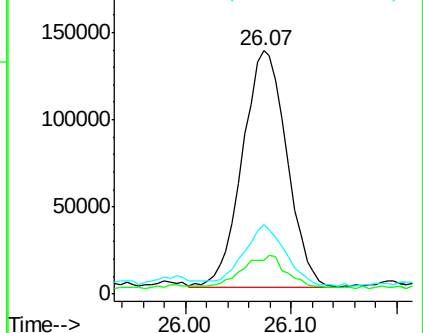
277 28.4 19.9 29.9

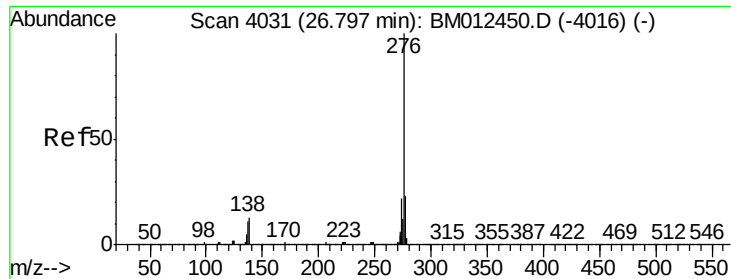


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 1.87 ng/ul
 RT: 26.80 min Scan# 4031
 Delta R.T. 0.00 min
 Lab File: BM012463.D
 Acq: 26 Oct 2017 02:38

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.5	8.5	12.7#
277	29.4	18.6	28.0#

