

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
 Data File : BM012482.D
 Acq On : 27 Oct 2017 12:31
 Operator : SJ/JU
 Sample : I5873-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 28 00:16:00 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 09:35:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	364085	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	1376758	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.50	164	777367	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	1704131	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	1933918	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	2157356	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	42455	5.96	ng/uL	0.00
5) Phenol-d5	7.04	99	783866	25.77	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.20	67	506707	28.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	643383	28.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	592964	22.81	ng/ul	-0.01
19) Nitrobenzene-d5	9.03	128	310031	35.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	343652	38.68	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.29	165	665463	28.28	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.80	131	561791	22.64	ng/ul	0.00
43) Dimethylphthalate-d6	13.91	166	1940774	28.58	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	2445513	30.44	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.70	143	165713	16.42	ng/ul	-0.01
57) Fluorene-d10	15.49	176	1691975	29.44	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.61	200	147321	17.86	ng/ul	-0.01
70) Anthracene-d10	17.34	188	2569387	31.64	ng/ul	-0.01
76) Pyrene-d10	19.63	212	2888340	32.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	3253076	31.74	ng/ul	0.00

Target Compounds

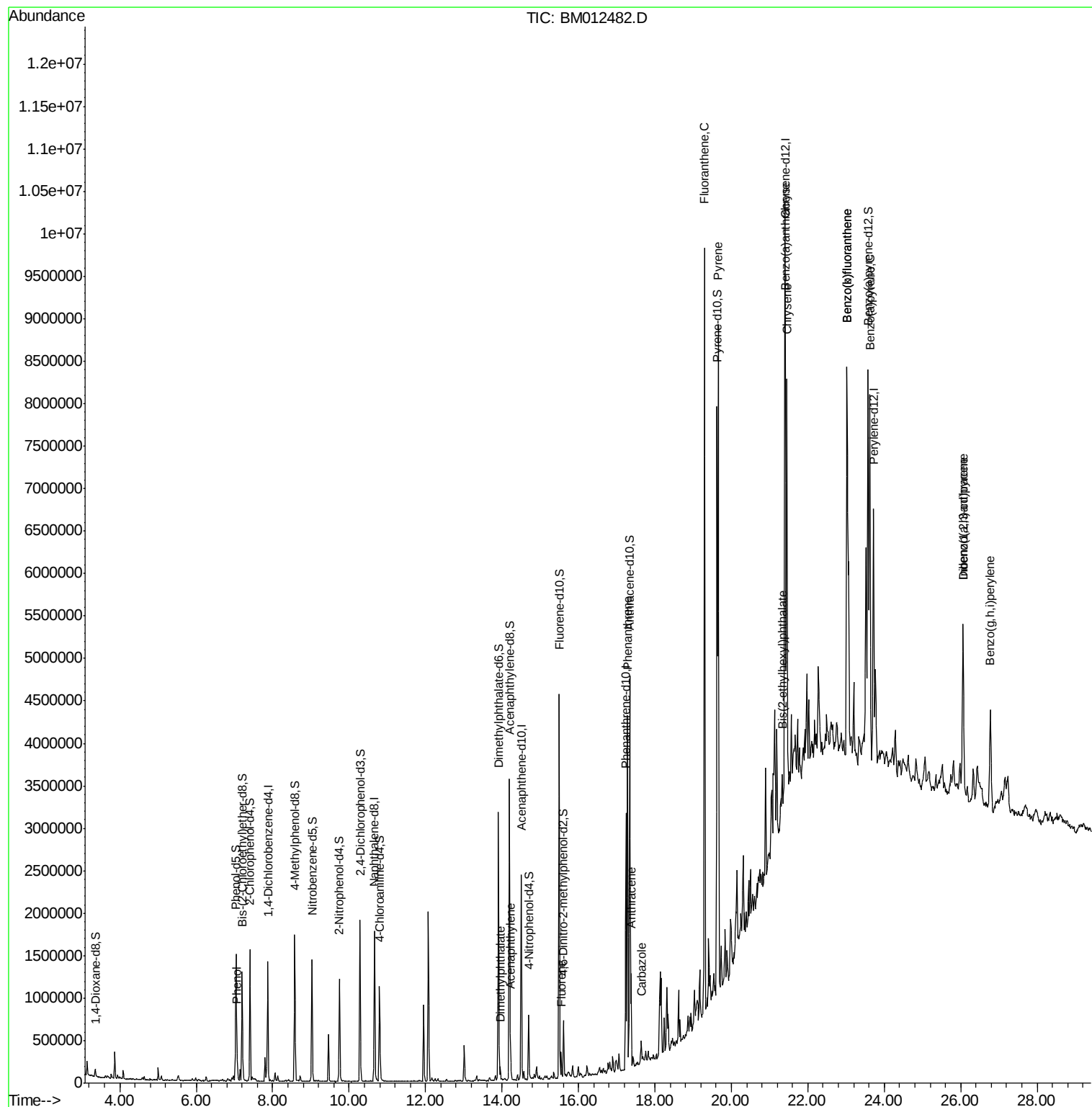
						Ovalue
6) Phenol	7.07	94	139381	4.40	ng/ul#	82
44) Dimethylphthalate	13.96	163	77021	1.15	ng/ul	98
47) Acenaphthylene	14.22	152	216384	2.82	ng/ul	99
58) Fluorene	15.55	166	71131	1.08	ng/ul	95
69) Phenanthrene	17.29	178	2382394	25.85	ng/ul	99
71) Anthracene	17.37	178	666918	7.00	ng/ul	99
72) Carbazole	17.64	167	154136	1.95	ng/ul	98
74) Fluoranthene	19.30	202	5291577	50.67	ng/ul#	93
77) Pvrene	19.66	202	4812589	43.76	ng/ul#	91
80) Benzo(a)anthracene	21.40	228	3022236	26.10	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.33	149	111762	1.70	ng/ul#	93
82) Chrysene	21.45	228	2621704	25.46	ng/ul	96
85) Benzo(b)fluoranthene	23.03	252	3891296	29.18	ng/ul#	95
86) Benzo(k)fluoranthene	23.03	252	3891296	31.00	ng/ul#	93
88) Benzo(a)pyrene	23.62	252	3001952	23.61	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.06	276	1977837	13.22	ng/ul#	97
90) Dibenzo(a,h)anthracene	26.06	278	512025	4.04	ng/ul#	85
91) Benzo(g,h,i)perylene	26.77	276	1537446	12.68	ng/ul#	94

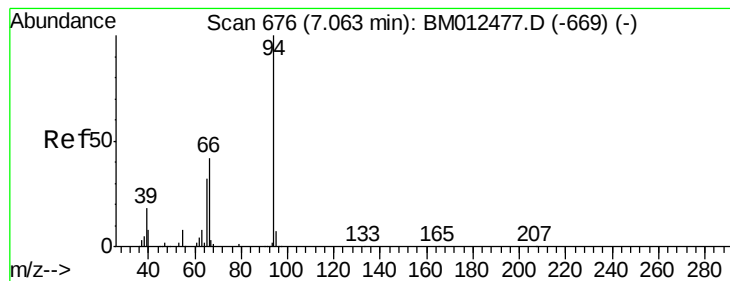
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:35:31 2017
Response via : Initial Calibration





#6

Phenol

Concen: 4.40 ng/ul

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BM012482.D

Acq: 27 Oct 2017 12:31

Instrument :

BNA_M

ClientSampleId :

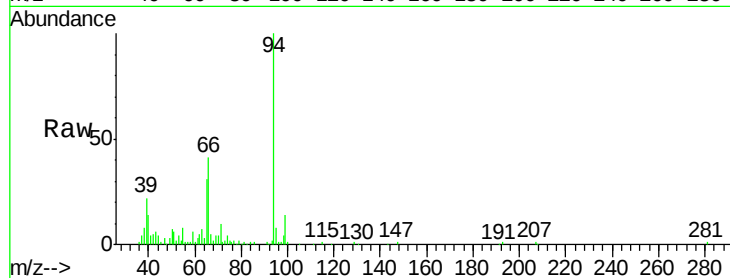
Tot Ion: 94 Resp: 139381

Ion Ratio Lower Upper

94 100

65 31.3 28.2 42.4

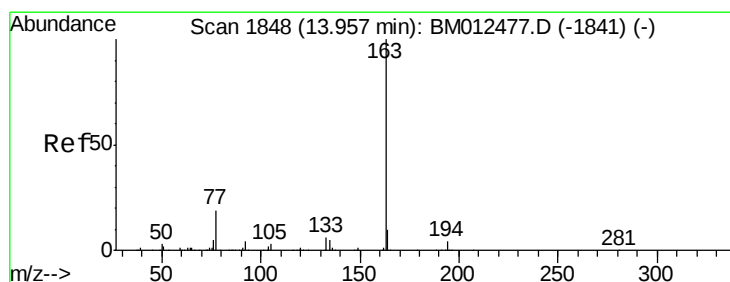
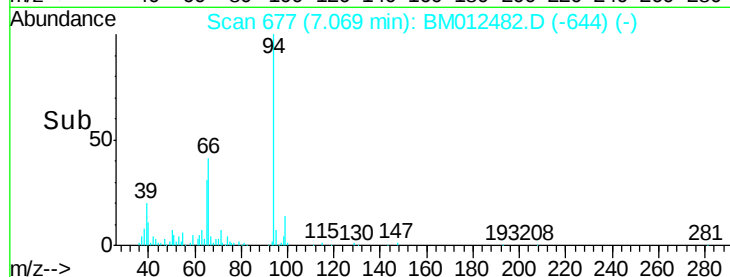
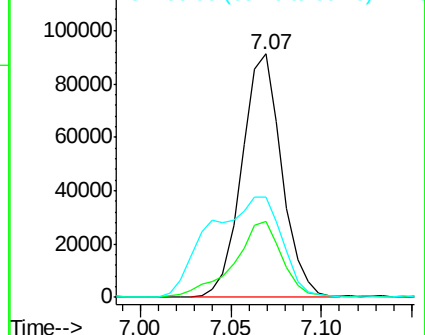
66 41.1 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM012477.D (-669) (-)

Ion 65.00 (64.70 to 65.70): BM012477.D (-669) (-)

Ion 66.00 (65.70 to 66.70): BM012477.D (-669) (-)



#44

Dimethylphthalate

Concen: 1.15 ng/ul

RT: 13.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BM012482.D

Acq: 27 Oct 2017 12:31

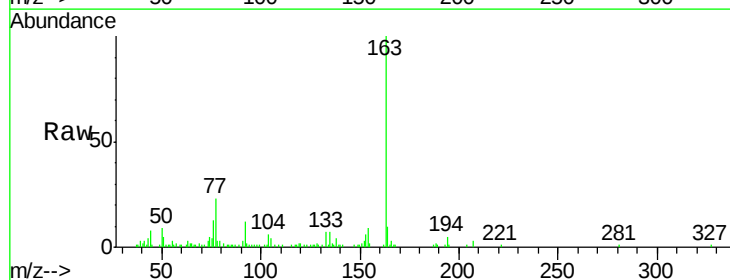
Tgt Ion:163 Resp: 77021

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

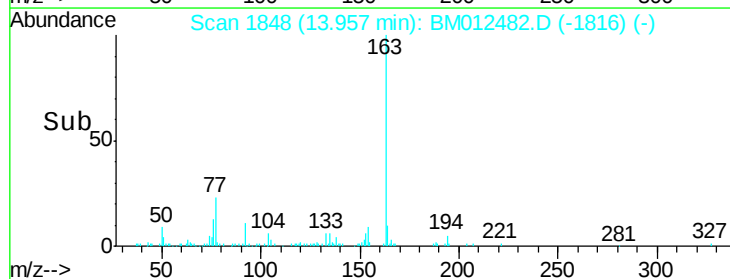
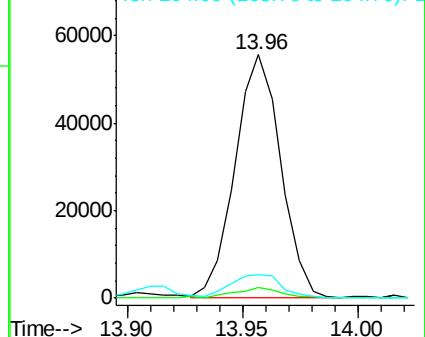
164 9.5 8.2 12.4

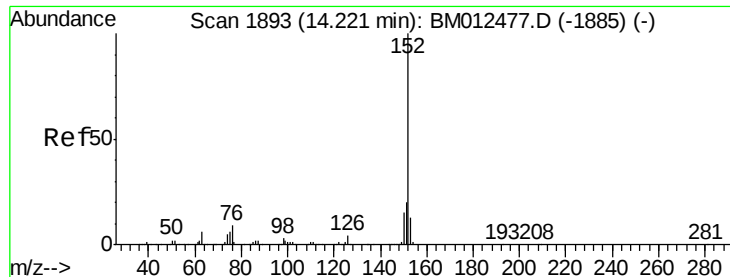


Abundance Ion 163.00 (162.70 to 163.70): BM012477.D (-1841) (-)

Ion 194.00 (193.70 to 194.70): BM012477.D (-1841) (-)

Ion 164.00 (163.70 to 164.70): BM012477.D (-1841) (-)





#47

Acenaphthylene

Concen: 2.82 ng/ul

RT: 14.22 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BM012482.D

Acq: 27 Oct 2017 12:31

Instrument :

BNA_M

ClientSampleId :

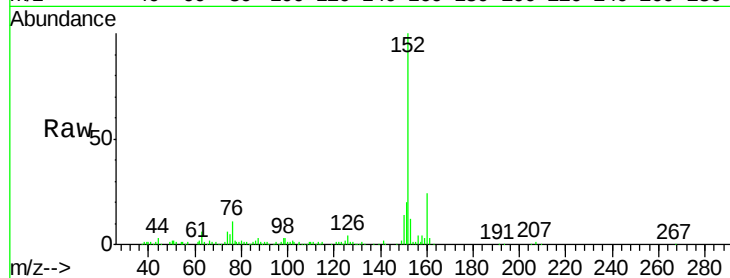
Tot Ion:152 Resp: 216384

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

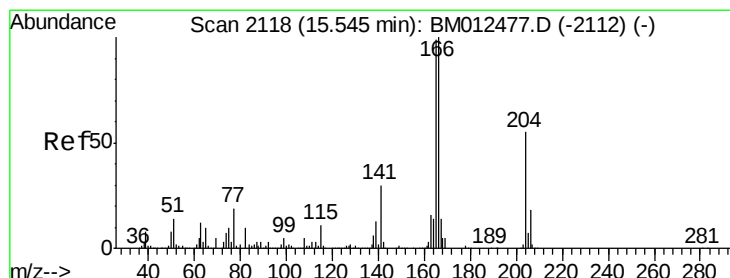
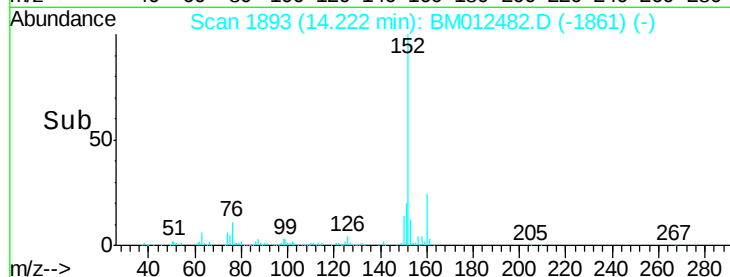
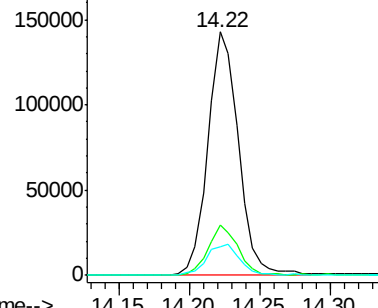
153 11.5 10.2 15.4



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



#58

Fluorene

Concen: 1.08 ng/ul

RT: 15.55 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BM012482.D

Acq: 27 Oct 2017 12:31

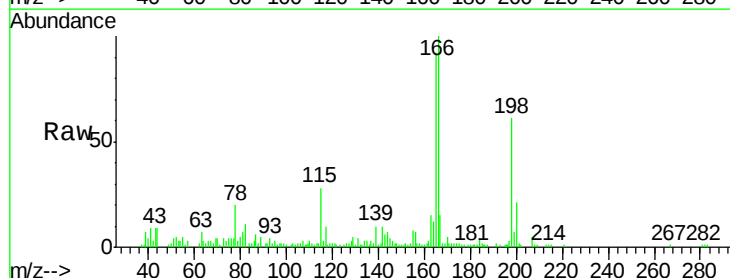
Tgt Ion:166 Resp: 71131

Ion Ratio Lower Upper

166 100

165 92.4 77.9 116.9

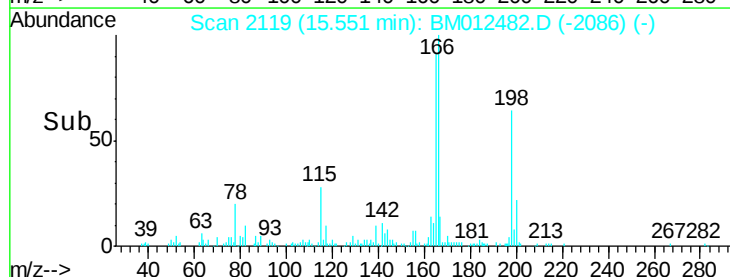
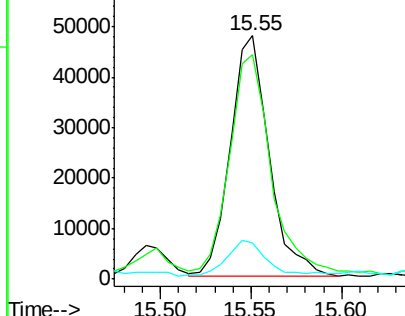
167 14.8 10.6 16.0

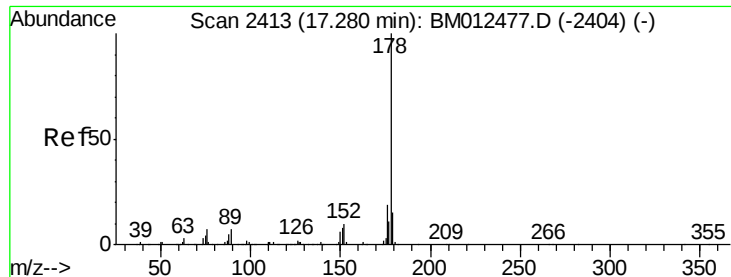


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 25.85 ng/ul

RT: 17.29 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BM012482.D

Acq: 27 Oct 2017 12:31

Instrument :

BNA_M

ClientSampleId :

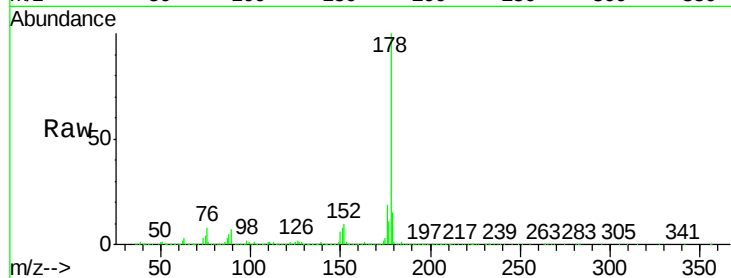
Tot Ion:178 Resp: 2382394

Ion Ratio Lower Upper

178 100

179 15.2 12.6 19.0

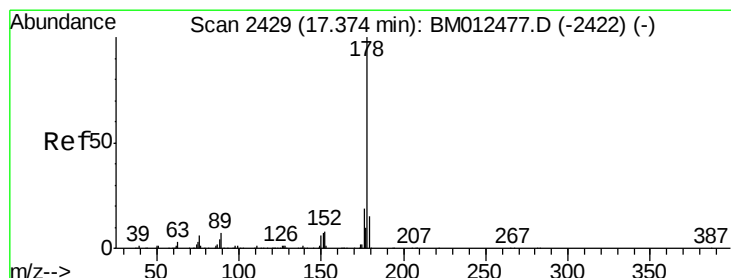
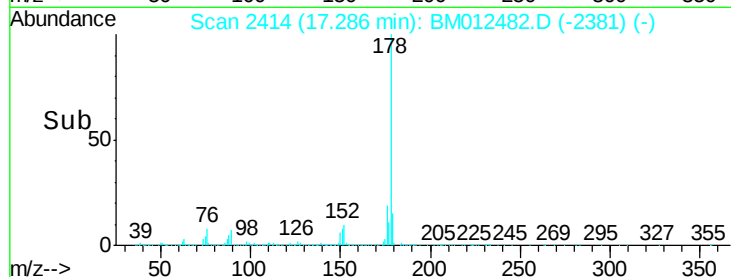
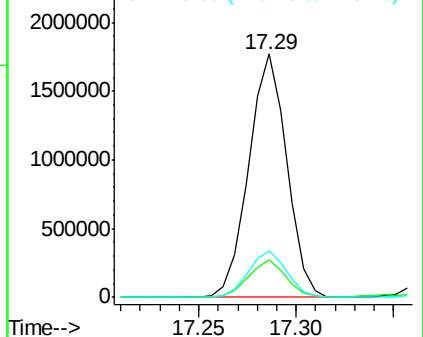
176 19.0 14.9 22.3



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: 7.00 ng/ul

RT: 17.37 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BM012482.D

Acq: 27 Oct 2017 12:31

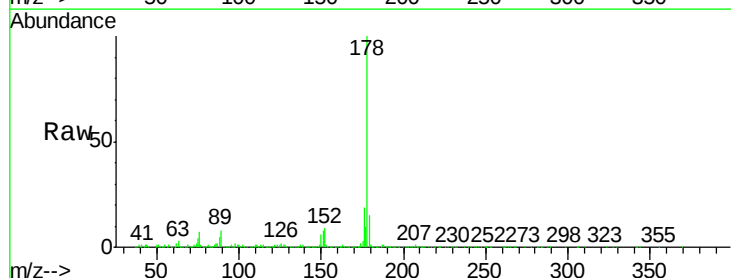
Tgt Ion:178 Resp: 666918

Ion Ratio Lower Upper

178 100

179 15.0 11.7 17.5

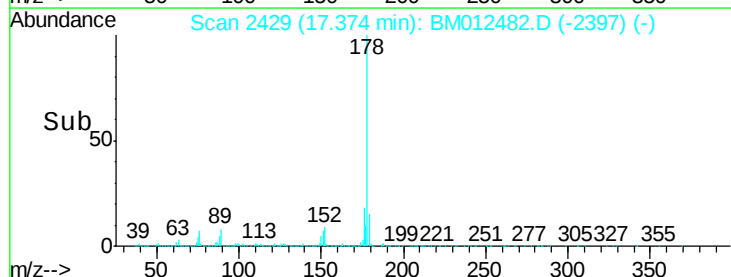
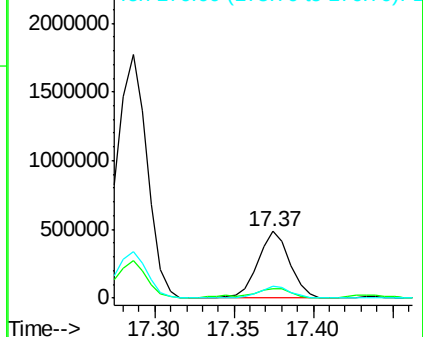
176 18.5 14.6 21.8

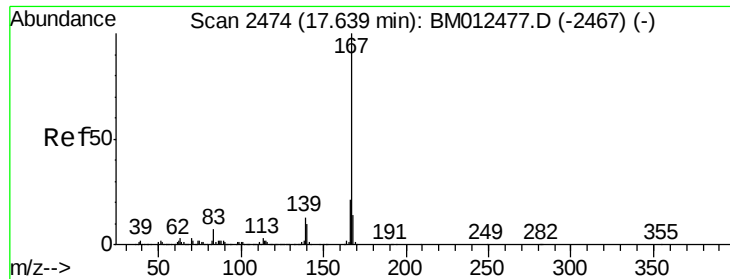


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 1.95 ng/ul

RT: 17.64 min Scan# 2475

Delta R.T. -0.01 min

Lab File: BM012482.D

Acq: 27 Oct 2017 12:31

Instrument :

BNA_M

ClientSampleId :

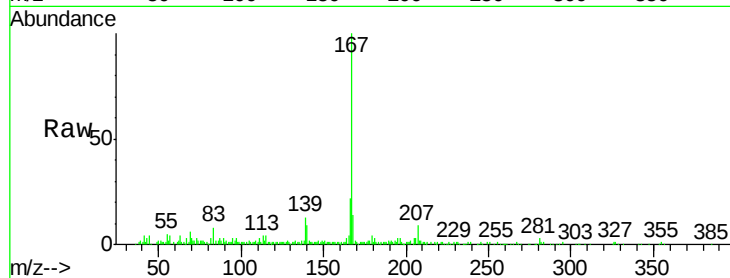
Tot Ion:167 Resp: 154136

Ion Ratio Lower Upper

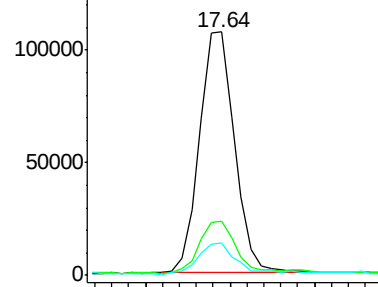
167 100

166 22.5 17.1 25.7

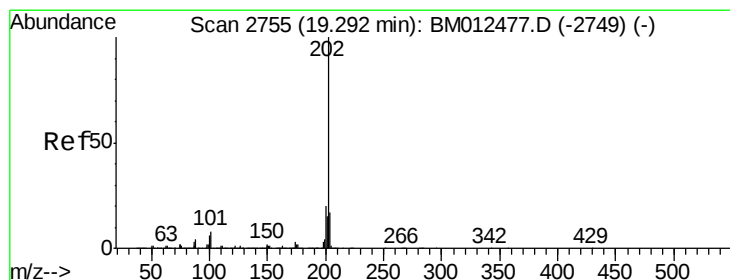
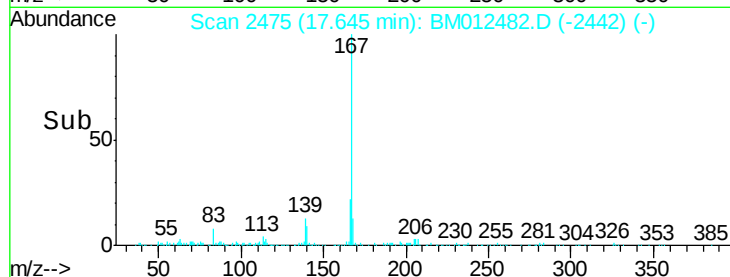
139 13.4 10.0 15.0



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



Time-->



#74

Fluoranthene

Concen: 50.67 ng/ul

RT: 19.30 min Scan# 2756

Delta R.T. -0.01 min

Lab File: BM012482.D

Acq: 27 Oct 2017 12:31

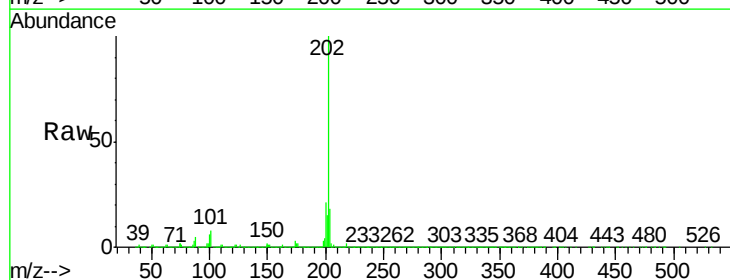
Tgt Ion:202 Resp: 5291577

Ion Ratio Lower Upper

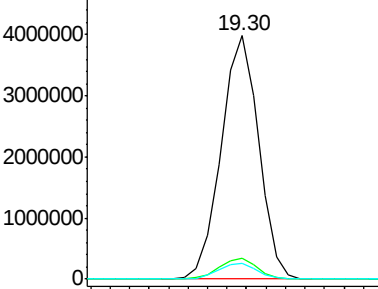
202 100

101 8.4 4.6 7.0#

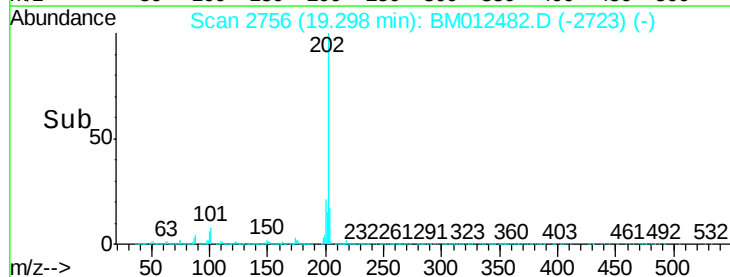
100 6.4 3.4 5.2#

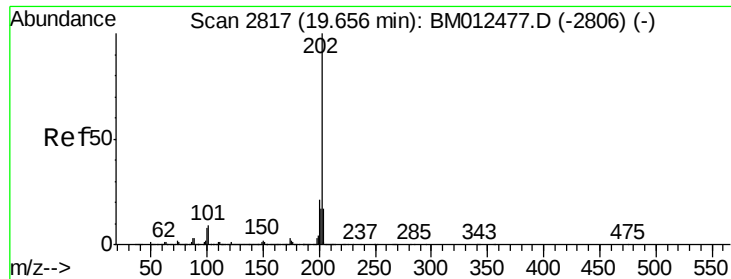


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->





#77

Pvrene

Concen: 43.76 ng/ul

RT: 19.66 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BM012482.D

Acq: 27 Oct 2017 12:31

Instrument :

BNA_M

ClientSampleId :

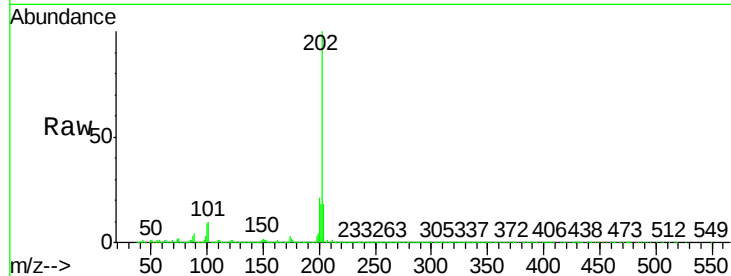
Tot Ion:202 Resp: 4812589

Ion Ratio Lower Upper

202 100

101 9.9 5.1 7.7#

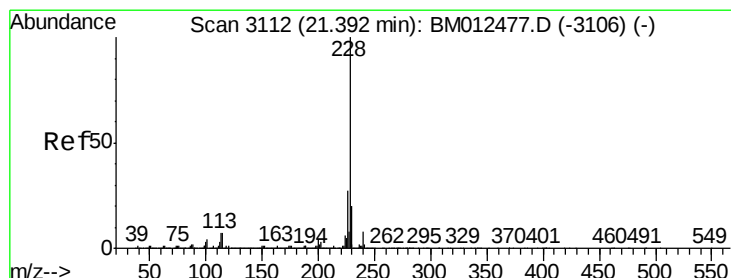
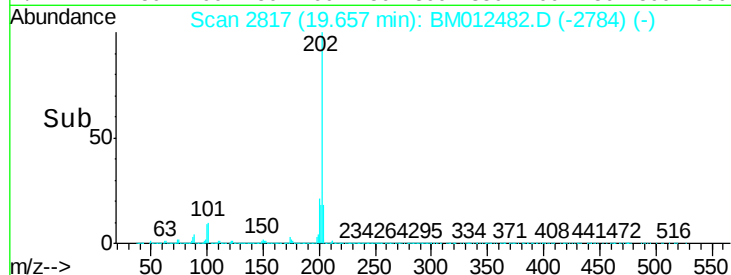
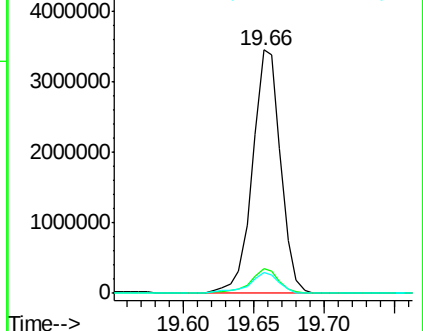
100 8.6 4.9 7.3#



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: 26.10 ng/ul

RT: 21.40 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BM012482.D

Acq: 27 Oct 2017 12:31

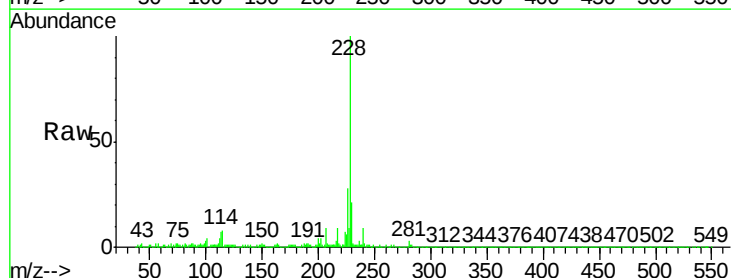
Tgt Ion:228 Resp: 3022236

Ion Ratio Lower Upper

228 100

229 20.7 15.4 23.0

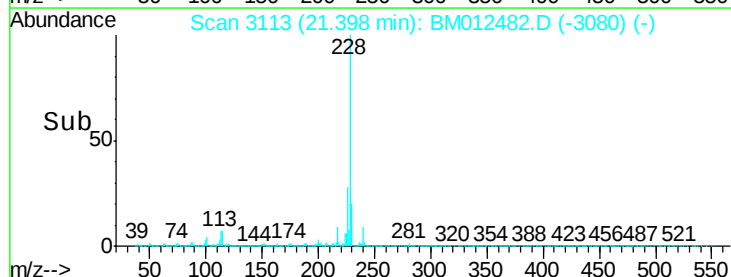
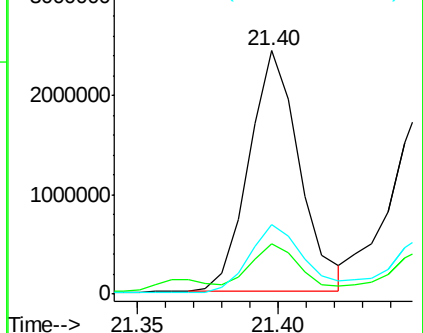
226 28.3 21.4 32.0

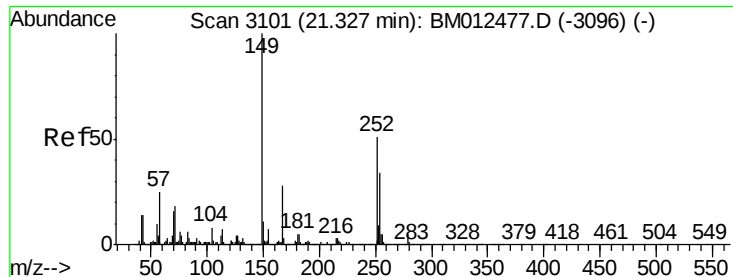


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

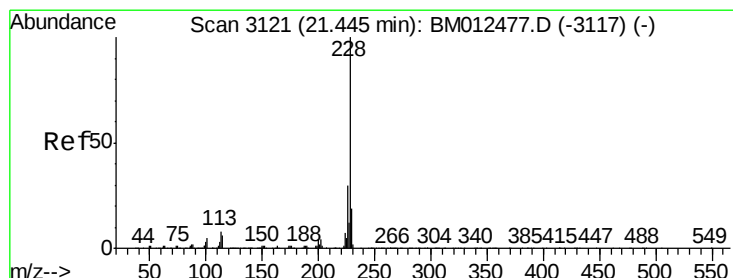
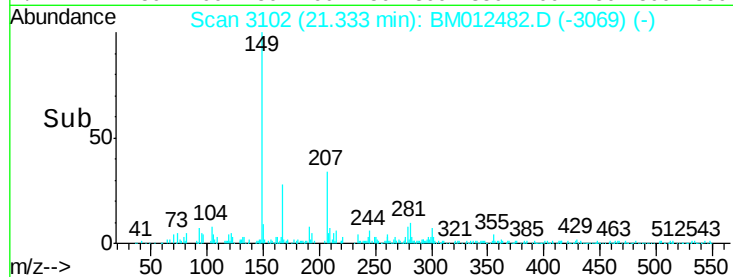
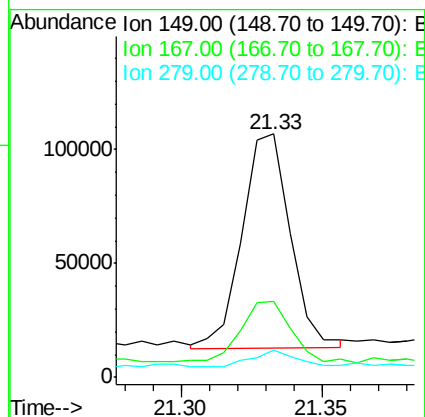
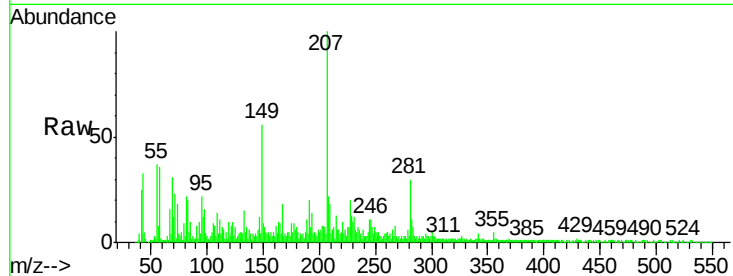




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.70 ng/ul
 RT: 21.33 min Scan# 3102
 Delta R.T. -0.01 min
 Lab File: BM012482.D
 Acq: 27 Oct 2017 12:31

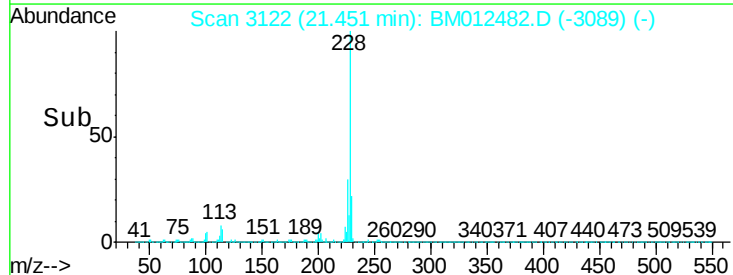
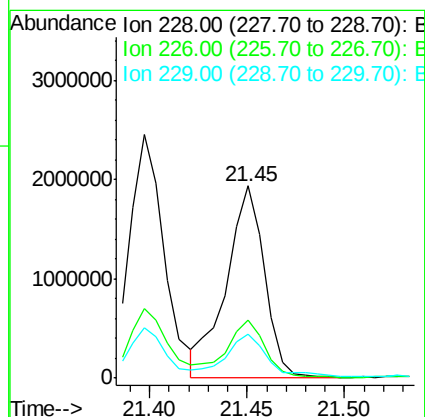
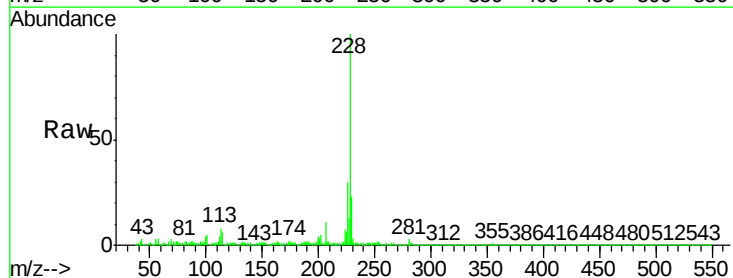
Instrument :
 BNA_M
 ClientSampleId :

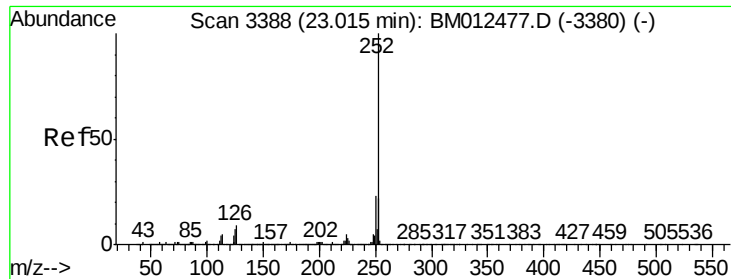
Tot Ion:149 Resp: 111762
 Ion Ratio Lower Upper
 149 100
 167 31.4 22.8 34.2
 279 11.0 4.9 7.3#



#82
 Chrysene
 Concen: 25.46 ng/ul
 RT: 21.45 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BM012482.D
 Acq: 27 Oct 2017 12:31

Tgt Ion:228 Resp: 2621704
 Ion Ratio Lower Upper
 228 100
 226 30.3 23.4 35.2
 229 22.8 15.5 23.3





#85

Benzo(b)fluoranthene

Concen: 29.18 ng/ul

RT: 23.03 min Scan# 3390

Delta R.T. -0.01 min

Lab File: BM012482.D

Acq: 27 Oct 2017 12:31

Instrument :

BNA_M

ClientSampleId :

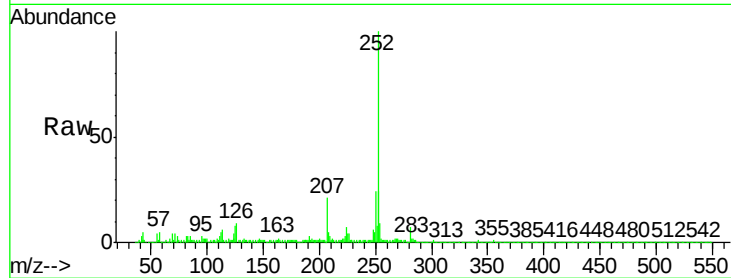
Tot Ion:252 Resp: 3891296

Ion Ratio Lower Upper

252 100

253 24.2 17.9 26.9

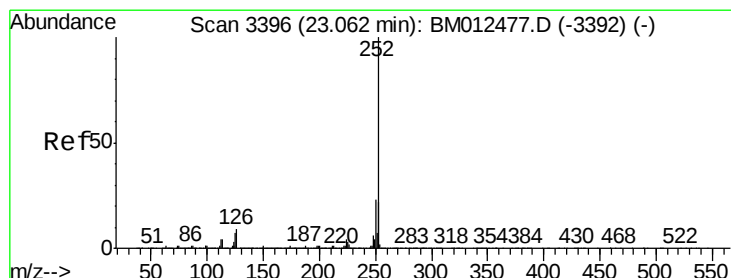
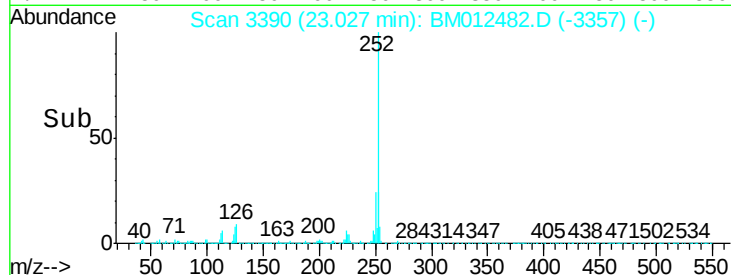
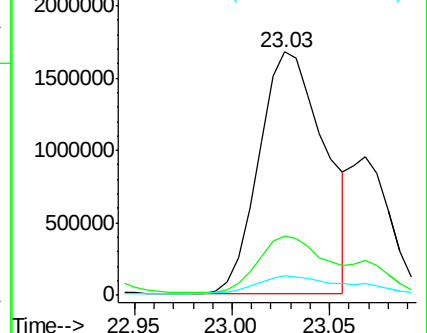
125 8.2 3.6 5.4#



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: 31.00 ng/ul

RT: 23.03 min Scan# 3390

Delta R.T. -0.05 min

Lab File: BM012482.D

Acq: 27 Oct 2017 12:31

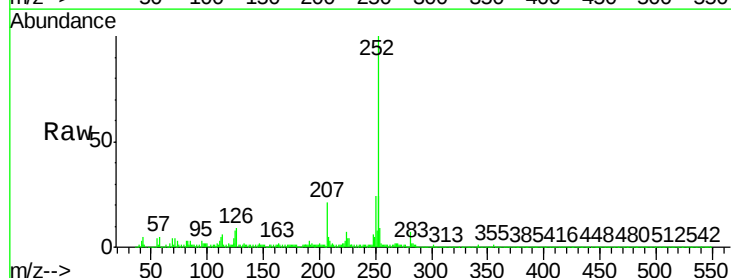
Tgt Ion:252 Resp: 3891296

Ion Ratio Lower Upper

252 100

253 24.2 17.1 25.7

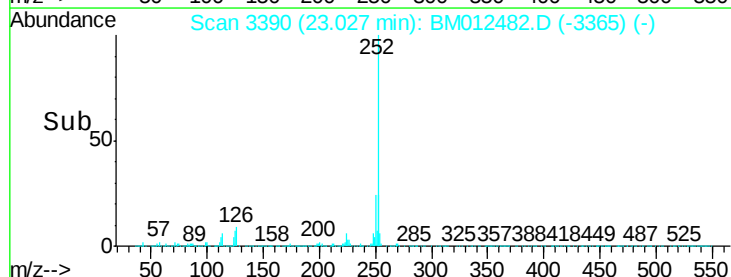
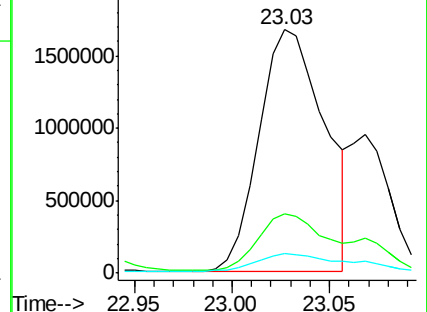
125 8.2 3.4 5.2#

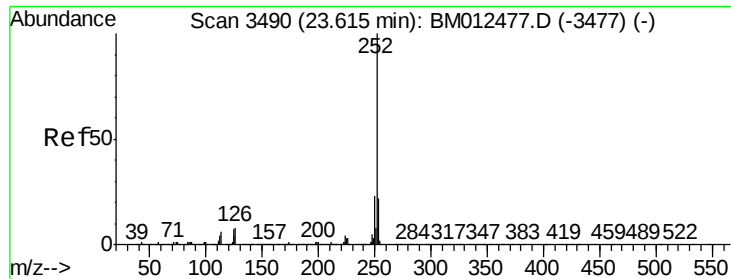


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

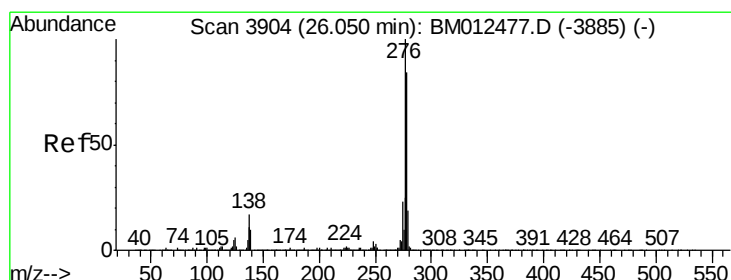
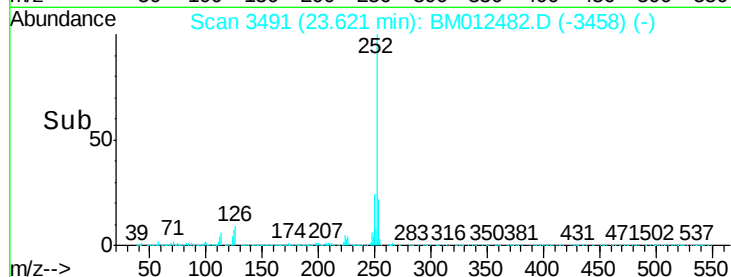
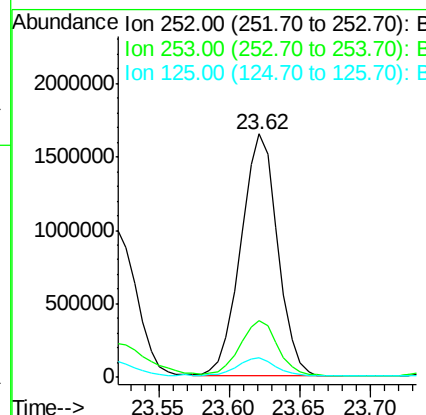
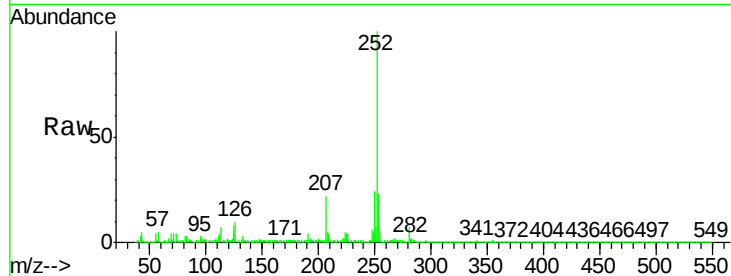




#88
Benzo(a)pyrene
Concen: 23.61 ng/ul
RT: 23.62 min Scan# 3491
Delta R.T. -0.01 min
Lab File: BM012482.D
Acq: 27 Oct 2017 12:31

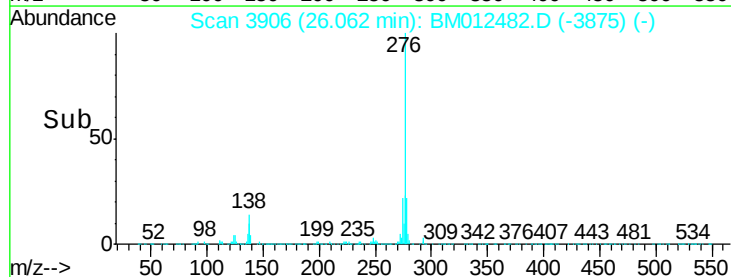
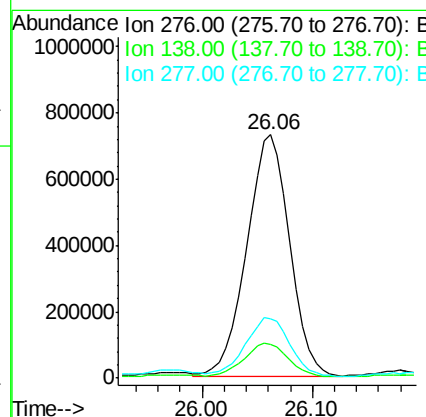
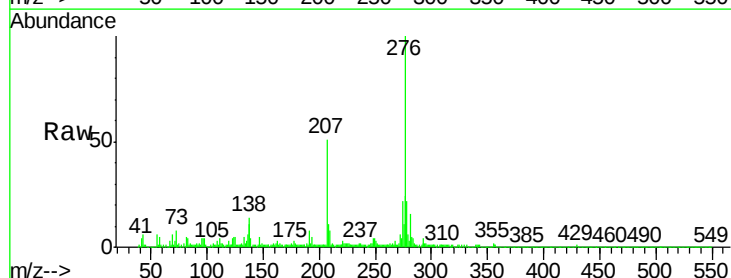
Instrument :
BNA_M
ClientSampled :

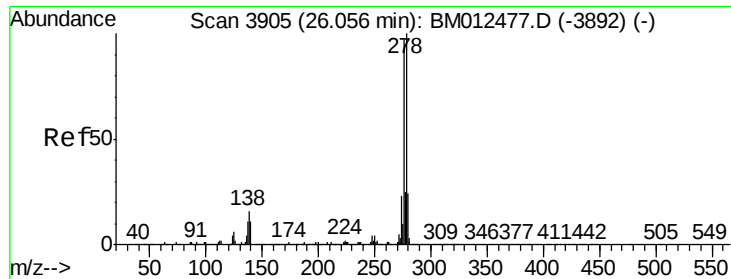
Tot Ion:252 Resp: 3001952
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.2
125 8.2 4.0 6.0#



#89
Indeno(1,2,3-cd)pyrene
Concen: 13.22 ng/ul
RT: 26.06 min Scan# 3906
Delta R.T. -0.02 min
Lab File: BM012482.D
Acq: 27 Oct 2017 12:31

Tgt Ion:276 Resp: 1977837
Ion Ratio Lower Upper
276 100
138 14.1 9.3 13.9#
277 24.4 19.9 29.9





#90

Dibenzo(a,h)anthracene

Concen: 4.04 ng/ul

RT: 26.06 min Scan# 3906

Delta R.T. -0.03 min

Lab File: BM012482.D

Acq: 27 Oct 2017 12:31

Instrument :

BNA_M

ClientSampleId :

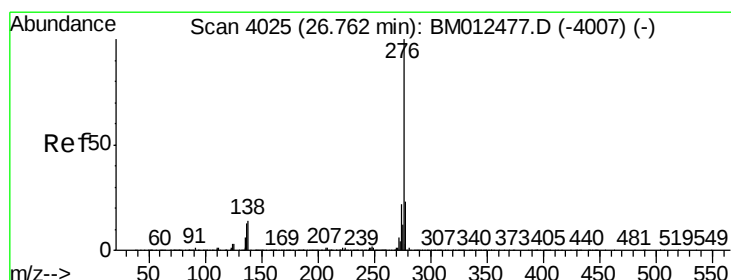
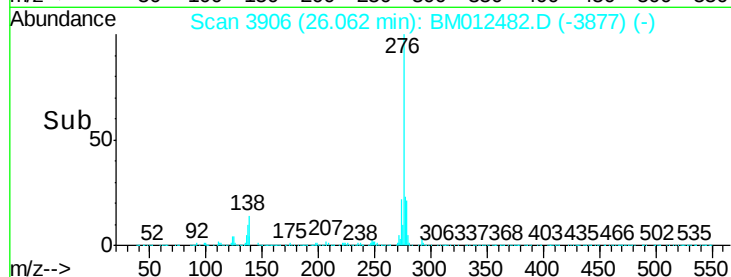
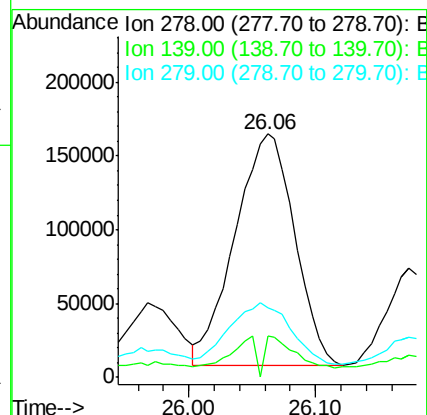
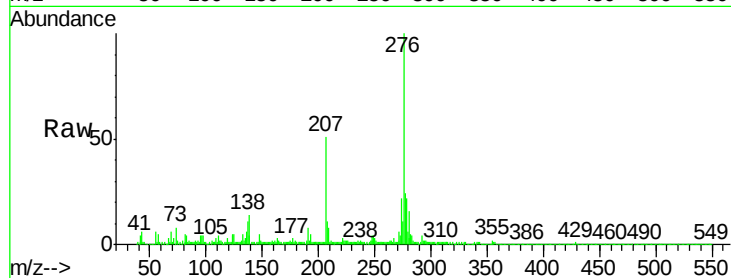
Tot Ion:278 Resp: 512025

Ion Ratio Lower Upper

278 100

139 17.0 5.8 8.8#

279 28.7 18.6 27.8#



#91

Benzo(g,h,i)perylene

Concen: 12.68 ng/ul

RT: 26.77 min Scan# 4027

Delta R.T. -0.02 min

Lab File: BM012482.D

Acq: 27 Oct 2017 12:31

Tgt Ion:276 Resp: 1537446

Ion Ratio Lower Upper

276 100

138 14.6 8.5 12.7#

277 24.9 18.6 28.0

