

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120417\
 Data File : BM013175.D
 Acq On : 04 Dec 2017 20:10
 Operator : SJ/JU
 Sample : I6646-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0258

Quant Time: Dec 05 04:59:25 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 05 04:53:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	259434	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1119978	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	668303	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1539761	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1460655	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1133335	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	15863	3.03	ng/uL	0.00
5) Phenol-d5	6.88	99	380343	16.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	227065	17.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	321524	18.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	292502	15.25	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	164338	18.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	173732	18.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	324679	16.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	407667	22.64	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	1062148	17.86	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1333200	18.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	140317	13.58	ng/ul	0.00
57) Fluorene-d10	15.34	176	917030	17.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	126786	13.09	ng/ul	0.00
70) Anthracene-d10	17.19	188	1411142	18.30	ng/ul	0.00
76) Pyrene-d10	19.48	212	1510085	20.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1053827	18.25	ng/ul	0.00

Target Compounds

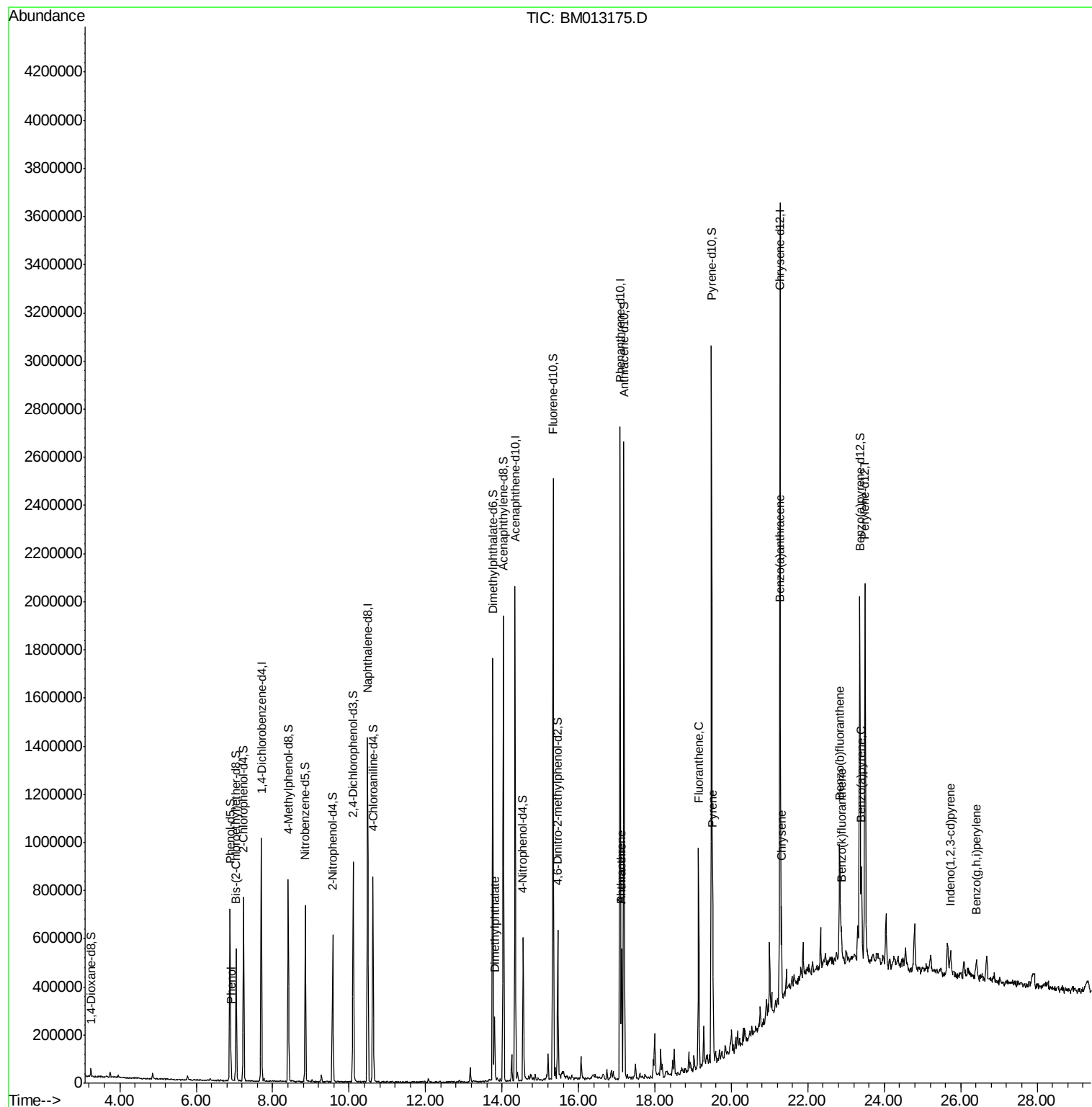
						Ovalue
6) Phenol	6.91	94	41669	1.88	ng/ul#	86
44) Dimethylphthalate	13.80	163	158557	2.79	ng/ul	98
69) Phenanthrene	17.13	178	321131	3.67	ng/ul	100
71) Anthracene	17.13	178	321131	3.59	ng/ul	99
74) Fluoranthene	19.14	202	531404	4.96	ng/ul#	93
77) Pyrene	19.51	202	443987	5.00	ng/ul#	92
80) Benzo(a)anthracene	21.26	228	157878	1.70	ng/ul	96
82) Chrysene	21.31	228	229046	2.66	ng/ul	96
85) Benzo(b)fluoranthene	22.83	252	246294	3.22	ng/ul#	96
86) Benzo(k)fluoranthene	22.87	252	72268	1.01	ng/ul#	94
88) Benzo(a)pyrene	23.40	252	125228	1.82	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	25.73	276	92587	1.36	ng/ul#	93
91) Benzo(g,h,i)perylene	26.41	276	79695	1.48	ng/ul#	89

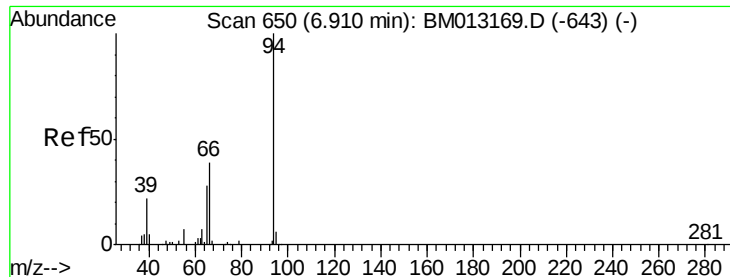
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.88 ng/ul

RT: 6.91 min Scan# 650

Delta R.T. -0.00 min

Lab File: BM013175.D

Acq: 04 Dec 2017 20:10

Instrument :

BNA_M

ClientSampleId :

C0258

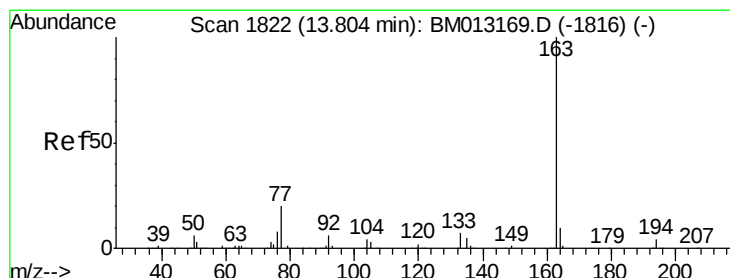
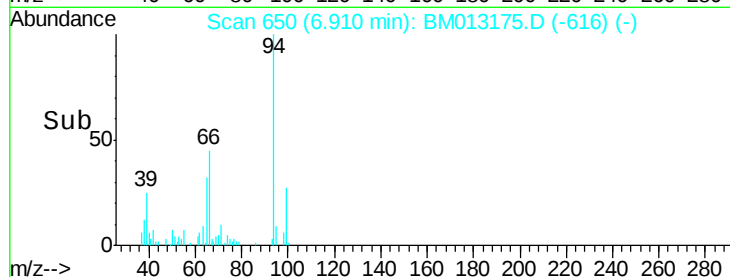
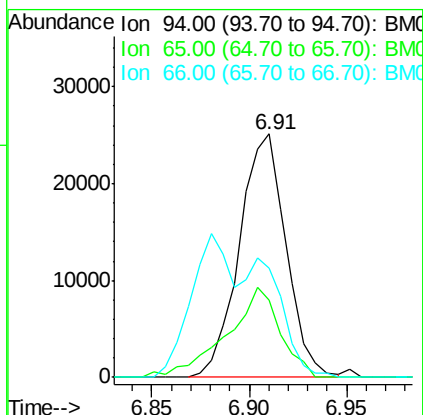
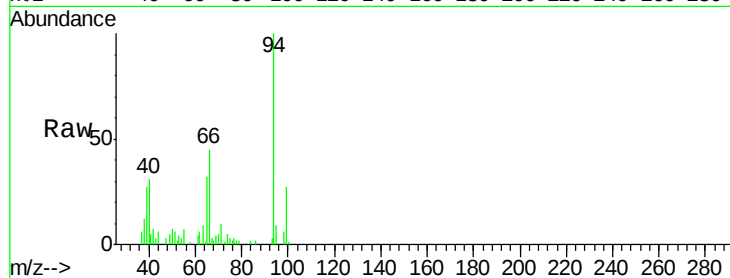
Tot Ion: 94 Resp: 41669

Ion Ratio Lower Upper

94 100

65 31.8 28.2 42.4

66 44.7 47.2 70.8#



#44

Dimethylphthalate

Concen: 2.79 ng/ul

RT: 13.80 min Scan# 1822

Delta R.T. -0.00 min

Lab File: BM013175.D

Acq: 04 Dec 2017 20:10

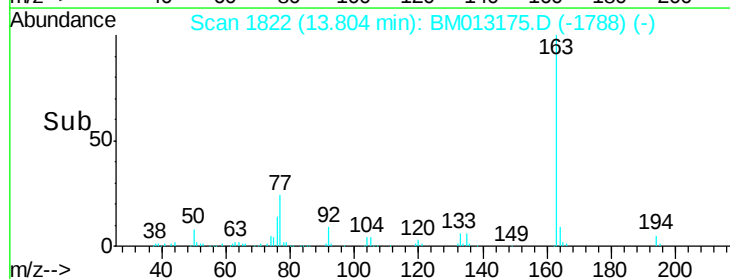
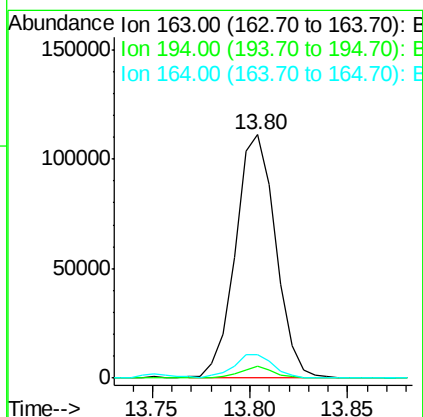
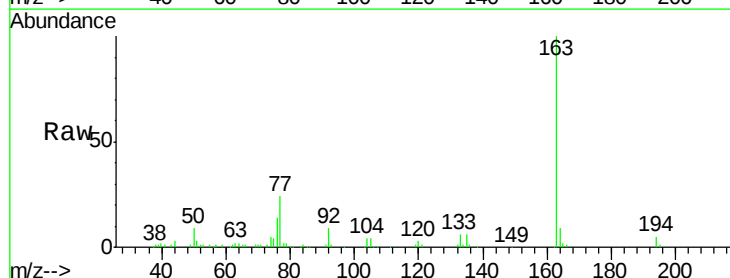
Tgt Ion:163 Resp: 158557

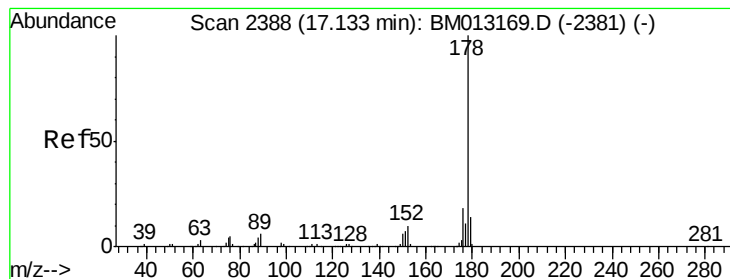
Ion Ratio Lower Upper

163 100

194 4.8 3.5 5.3

164 9.5 8.2 12.4





#69

Phenanthrene

Concen: 3.67 ng/ul

RT: 17.13 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BM013175.D

Acq: 04 Dec 2017 20:10

Instrument :

BNA_M

ClientSampleId :

C0258

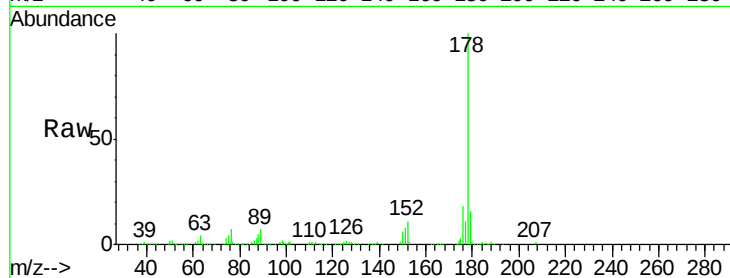
Tot Ion:178 Resp: 321131

Ion Ratio Lower Upper

178 100

179 15.9 12.6 19.0

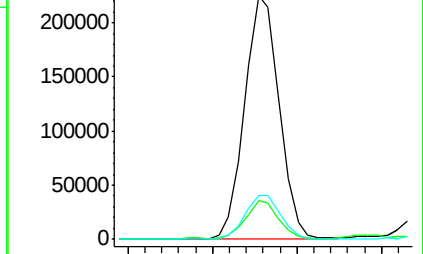
176 18.3 14.9 22.3



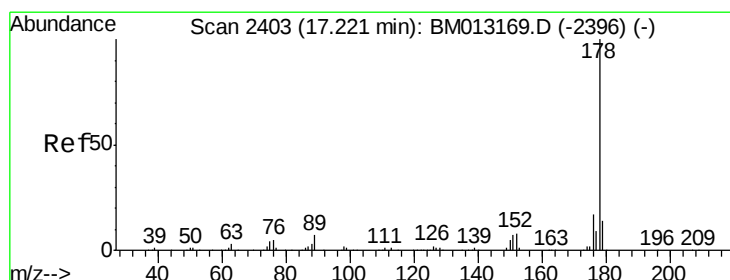
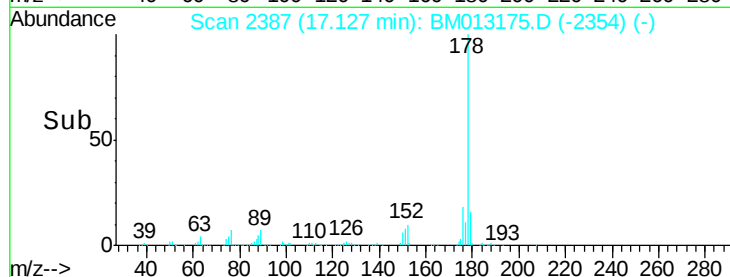
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time--> 17.05 17.10 17.15 17.20



#71

Anthracene

Concen: 3.59 ng/ul

RT: 17.13 min Scan# 2387

Delta R.T. -0.09 min

Lab File: BM013175.D

Acq: 04 Dec 2017 20:10

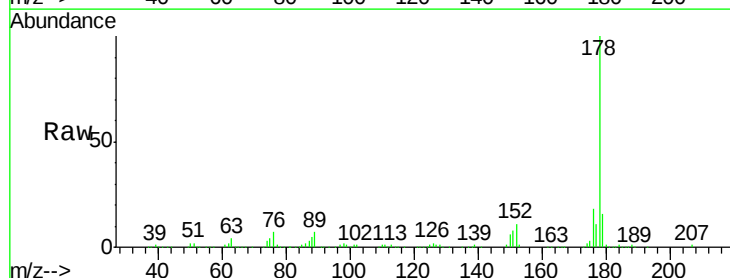
Tgt Ion:178 Resp: 321131

Ion Ratio Lower Upper

178 100

179 15.9 11.7 17.5

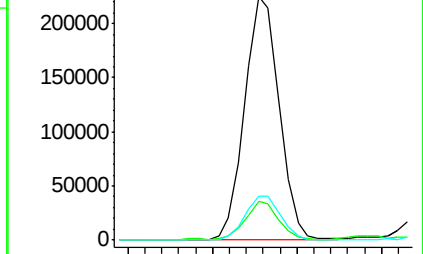
176 18.3 14.6 21.8



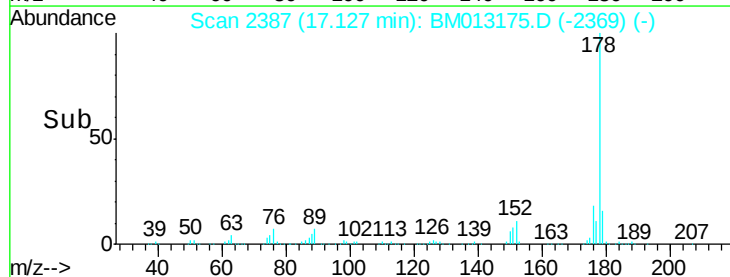
Abundance Ion 178.00 (177.70 to 178.70): E

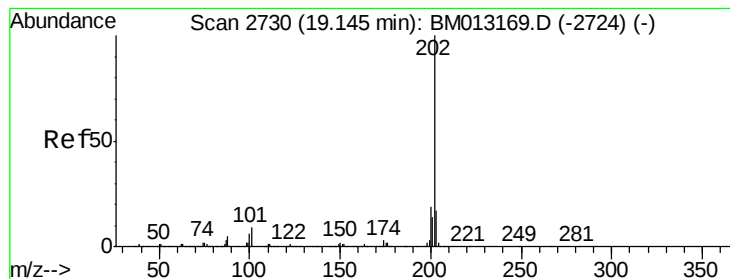
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time--> 17.05 17.10 17.15 17.20





#74

Fluoranthene

Concen: 4.96 ng/ul

RT: 19.14 min Scan# 2730

Delta R.T. -0.00 min

Lab File: BM013175.D

Acq: 04 Dec 2017 20:10

Instrument :

BNA_M

ClientSampleId :

C0258

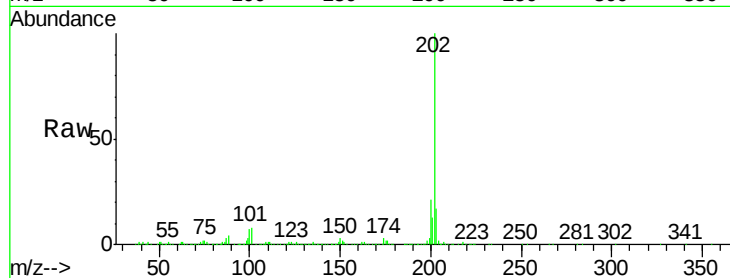
Tot Ion:202 Resp: 531404

Ion Ratio Lower Upper

202 100

101 8.3 4.6 7.0#

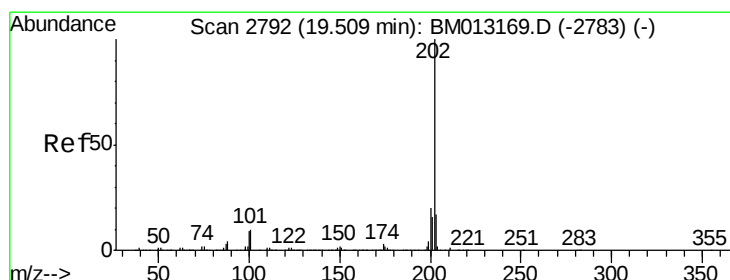
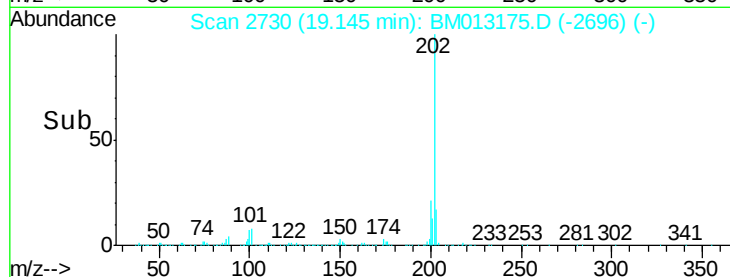
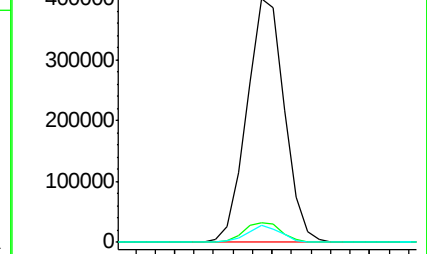
100 6.8 3.4 5.2#



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: 5.00 ng/ul

RT: 19.51 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BM013175.D

Acq: 04 Dec 2017 20:10

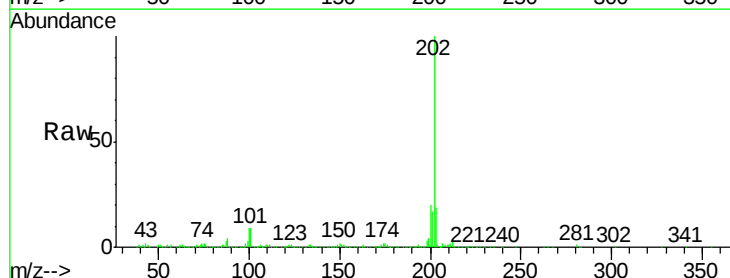
Tgt Ion:202 Resp: 443987

Ion Ratio Lower Upper

202 100

101 9.4 5.1 7.7#

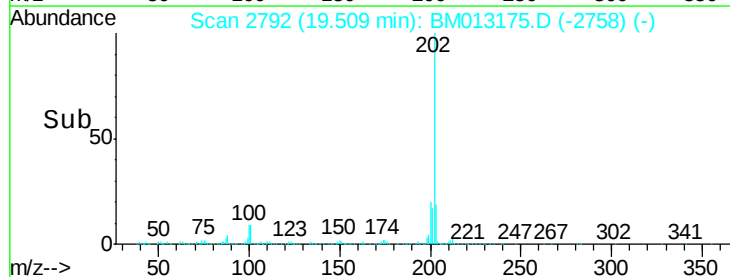
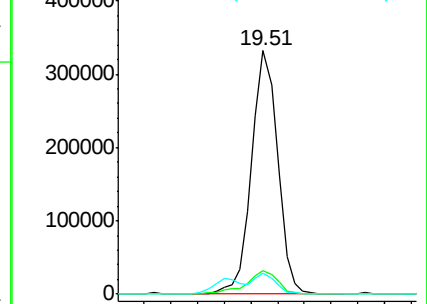
100 8.7 4.9 7.3#

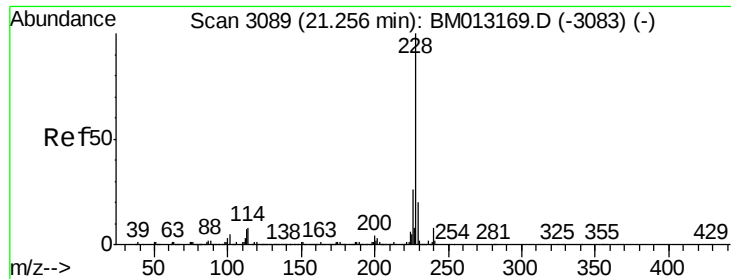


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.70 ng/ul

RT: 21.26 min Scan# 3089

Delta R.T. -0.00 min

Lab File: BM013175.D

Acq: 04 Dec 2017 20:10

Instrument :

BNA_M

ClientSampleId :

C0258

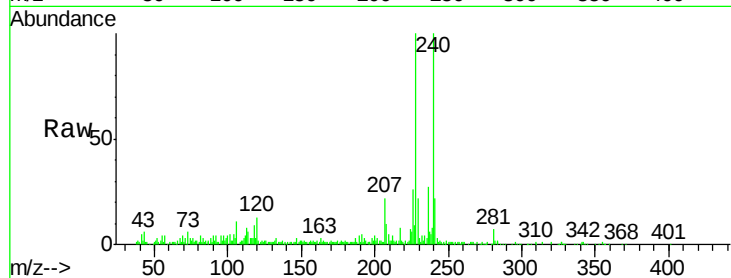
Tot Ion:228 Resp: 157878

Ion Ratio Lower Upper

228 100

229 21.9 15.4 23.0

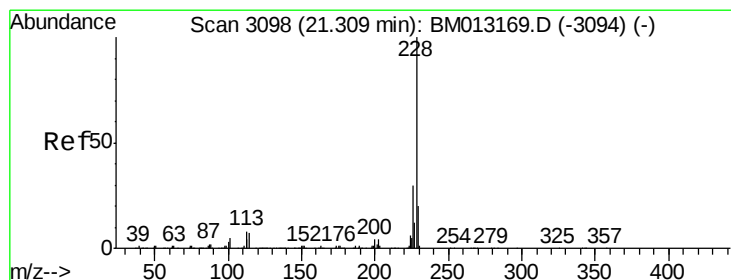
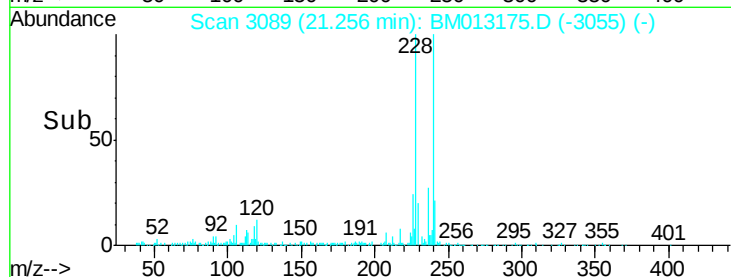
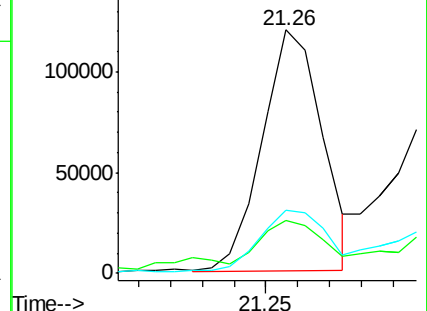
226 25.7 21.4 32.0



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: 2.66 ng/ul

RT: 21.31 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BM013175.D

Acq: 04 Dec 2017 20:10

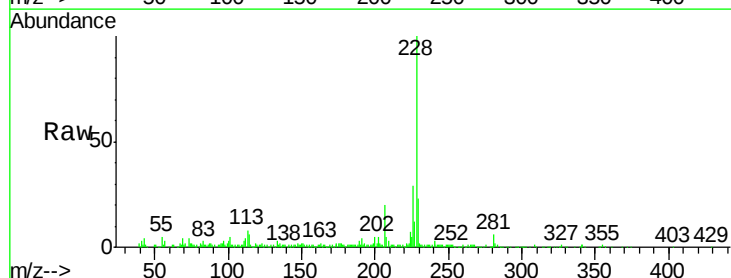
Tgt Ion:228 Resp: 229046

Ion Ratio Lower Upper

228 100

226 28.7 23.4 35.2

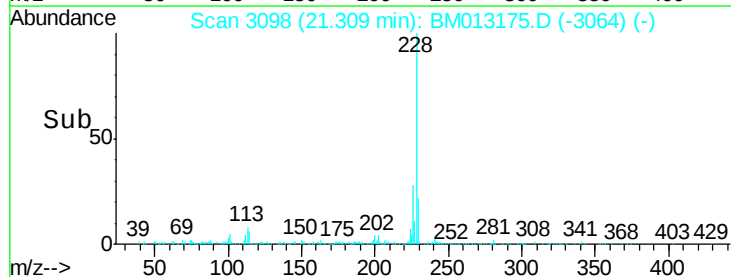
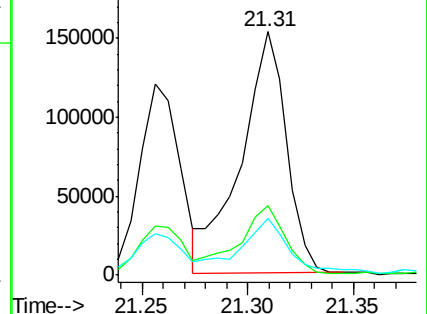
229 23.1 15.5 23.3

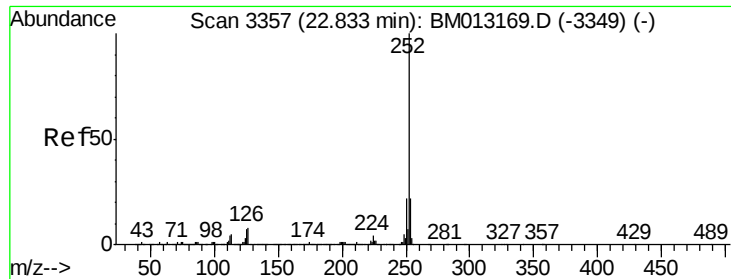


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 3.22 ng/ul

RT: 22.83 min Scan# 3357

Delta R.T. -0.00 min

Lab File: BM013175.D

Acq: 04 Dec 2017 20:10

Instrument :

BNA_M

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C0258

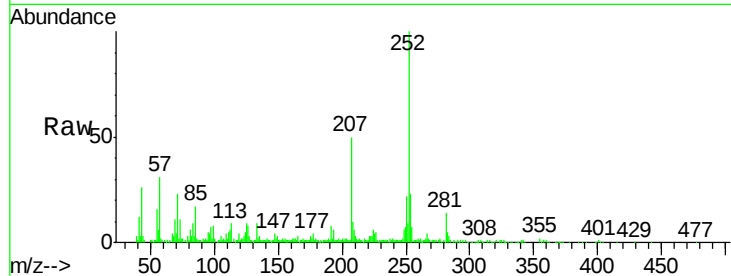
Tot Ion:252 Resp: 246294

Ion Ratio Lower Upper

252 100

253 23.3 17.9 26.9

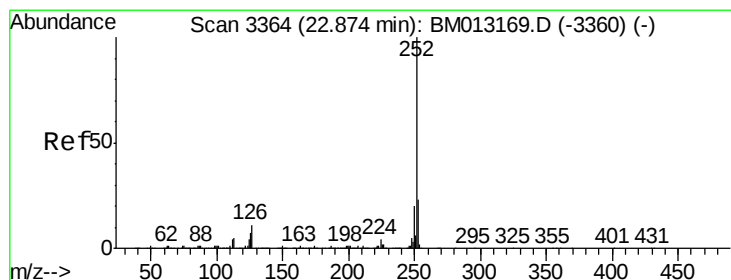
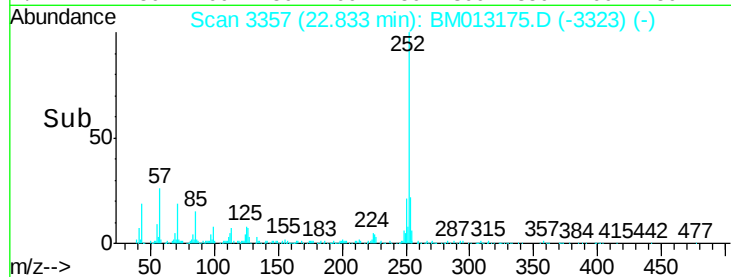
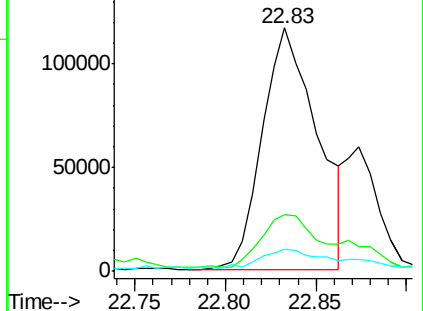
125 9.4 3.6 5.4#



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: 1.01 ng/ul

RT: 22.87 min Scan# 3364

Delta R.T. -0.00 min

Lab File: BM013175.D

Acq: 04 Dec 2017 20:10

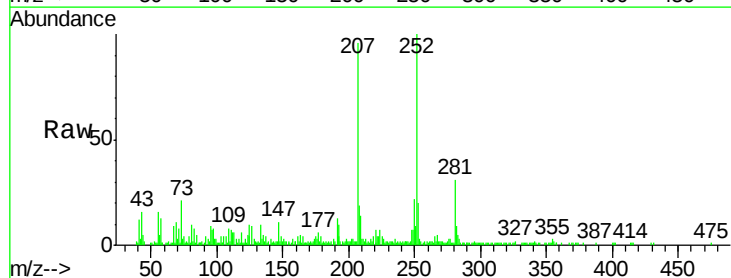
Tgt Ion:252 Resp: 72268

Ion Ratio Lower Upper

252 100

253 19.7 17.1 25.7

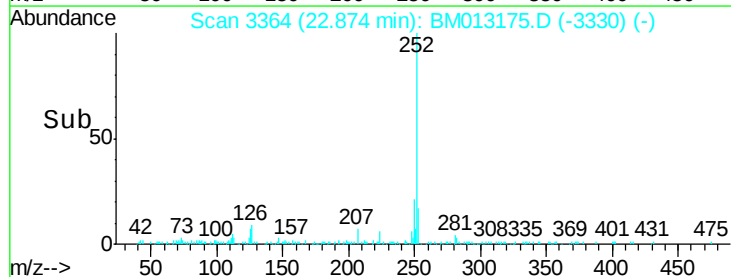
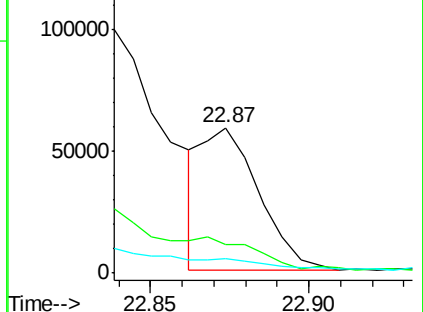
125 9.9 3.4 5.2#

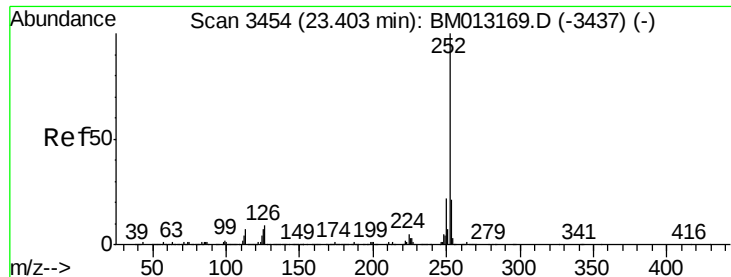


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.82 ng/ul

RT: 23.40 min Scan# 3454

Delta R.T. -0.00 min

Lab File: BM013175.D

Acq: 04 Dec 2017 20:10

Instrument :

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ClientSampleId :

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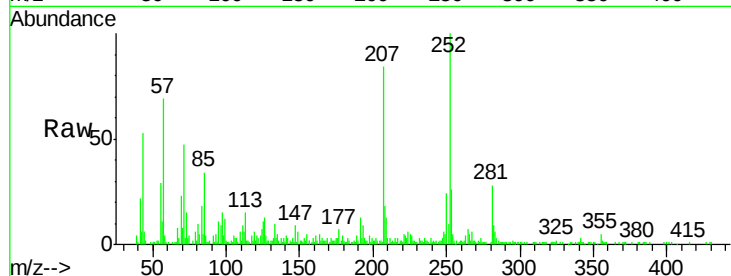
Tot Ion:252 Resp: 125228

Ion Ratio Lower Upper

252 100

253 26.1 18.2 27.2

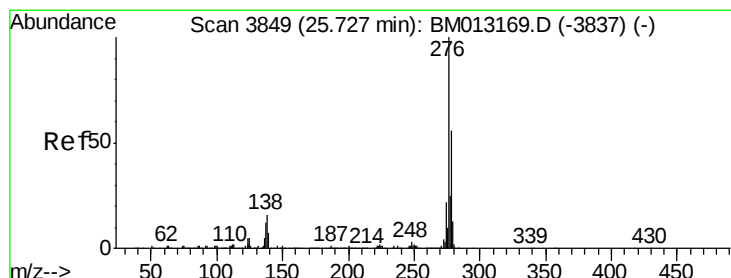
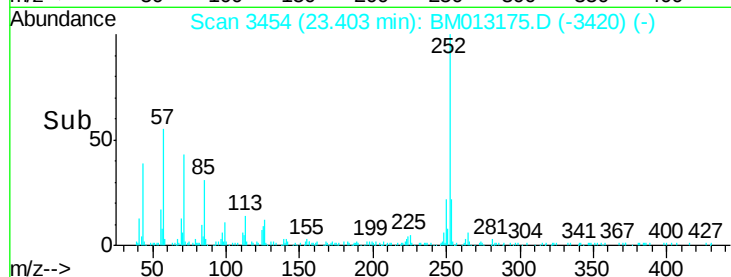
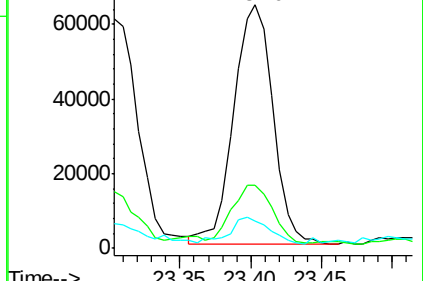
125 11.4 4.0 6.0#



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: 1.36 ng/ul

RT: 25.73 min Scan# 3849

Delta R.T. -0.00 min

Lab File: BM013175.D

Acq: 04 Dec 2017 20:10

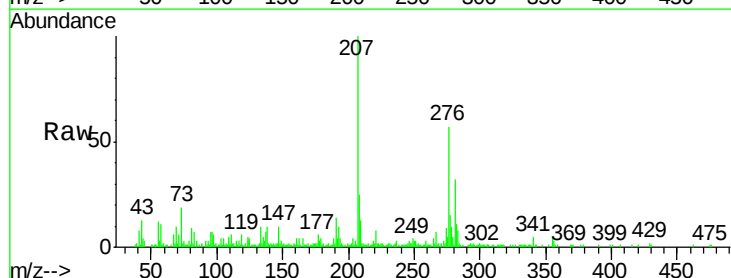
Tgt Ion:276 Resp: 92587

Ion Ratio Lower Upper

276 100

138 17.2 9.3 13.9#

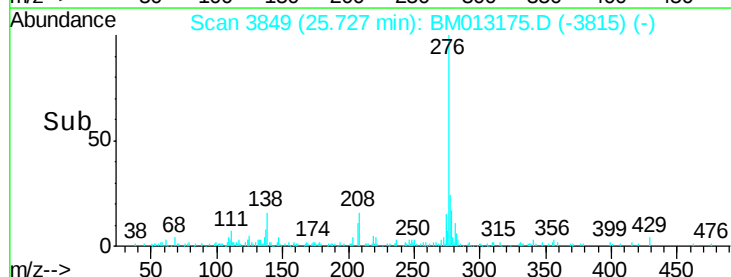
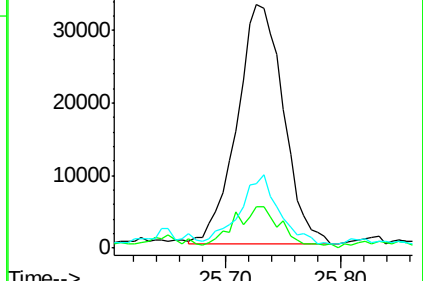
277 26.7 19.9 29.9

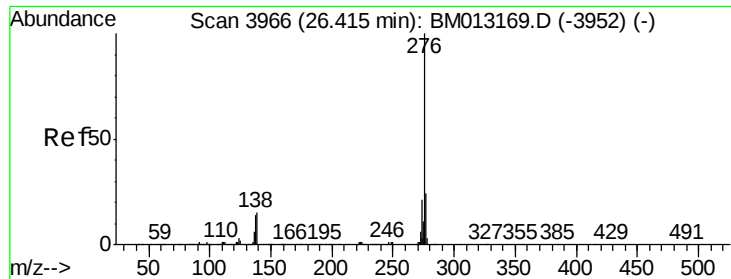


Abundance Ion 276.00 (275.70 to 276.70): E

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: 1.48 ng/ul

RT: 26.41 min Scan# 3965

Delta R.T. -0.01 min

Lab File: BM013175.D

Acq: 04 Dec 2017 20:10

Instrument :

BNA_M

ClientSampleId :

C0258

Tot Ion:276 Resp: 79695

Ion Ratio Lower Upper

276 100

138 17.5 8.5 12.7#

277 26.7 18.6 28.0

