

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
 Data File : BM018123.D
 Acq On : 13 Dec 2018 10:07
 Operator : JU/SJ
 Sample : J6171-16
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9Y26

Quant Time: Dec 13 11:16:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 13 06:49:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	164620	20.00	ng/ul	0.00
18) Naphthalene-d8	10.31	136	722820	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	390727	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	871853	20.00	ng/ul	0.00
77) Chrysene-d12	21.17	240	678367	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	639253	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	9923	2.76	ng/uL	0.00
5) Phenol-d5	6.75	99	287869	19.15	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.90	67	152650	16.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	244074	20.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	224155	18.25	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	117597	21.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	127700	20.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	227139	18.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	59260	5.70	ng/ul	0.02
43) Dimethylphthalate-d6	13.62	166	668642	19.72	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	875902	21.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	91872	14.90	ng/ul	0.02
57) Fluorene-d10	15.20	176	601704	20.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	9525	1.53	ng/ul	0.01
70) Anthracene-d10	17.06	188	934060	21.52	ng/ul	0.00
78) Pyrene-d10	19.37	212	841473	25.64	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.23	264	738460	21.30	ng/ul	0.03

Target Compounds

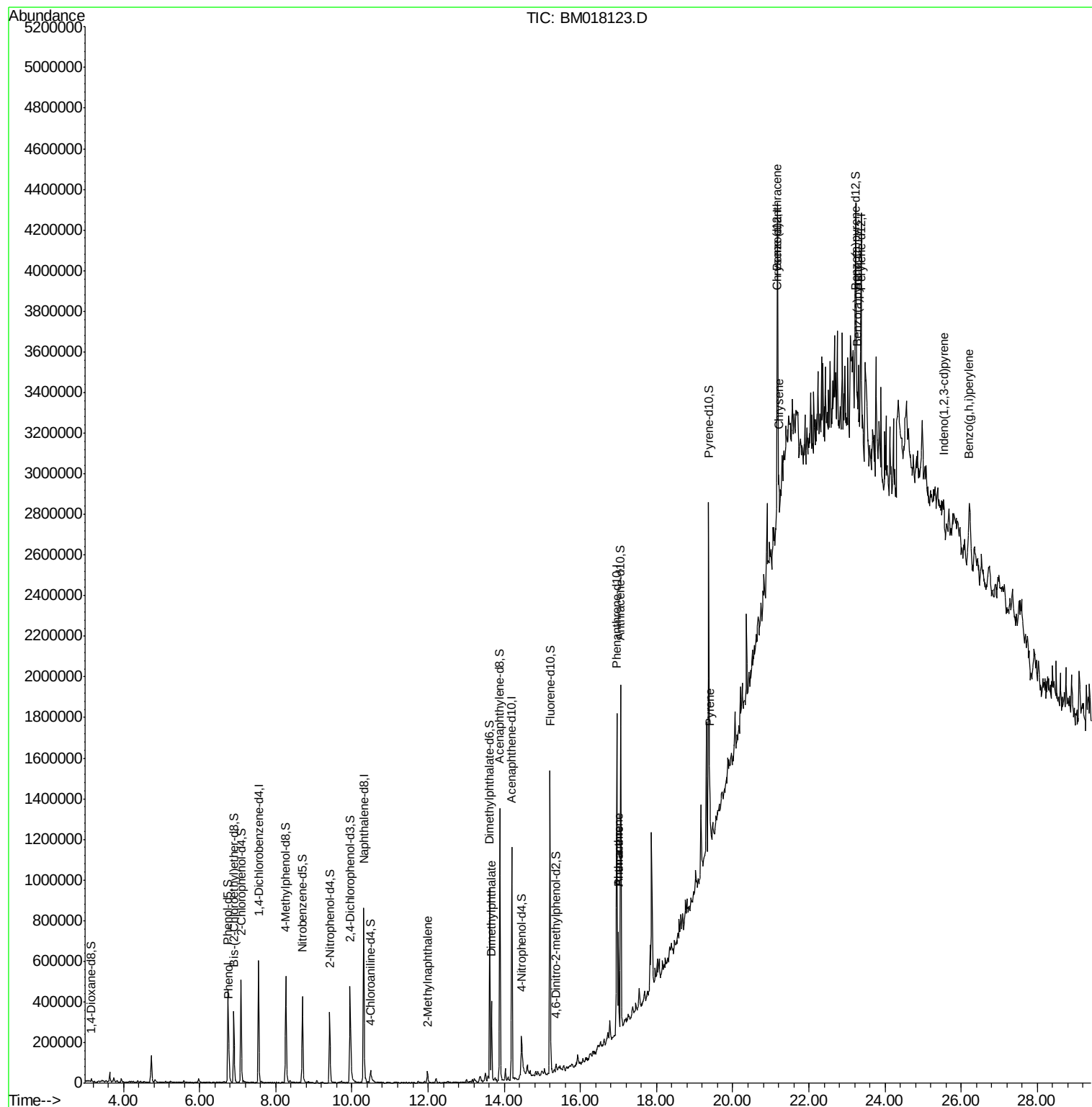
					Ovalue
6) Phenol	6.78	94	77641	5.174	ng/ul 97
34) 2-Methylnaphthalene	11.99	142	32754	1.165	ng/ul 91
44) Dimethylphthalate	13.67	163	257053	7.826	ng/ul 99
69) Phenanthrene	17.00	178	286427	5.745	ng/ul 98
71) Anthracene	17.00	178	286816	5.625	ng/ul 99
79) Pyrene	19.40	202	201690	4.898	ng/ul 96
82) Benzo(a)anthracene	21.16	228	60251	1.432	ng/ul# 47
84) Chrysene	21.21	228	116656	2.965	ng/ul# 74
90) Benzo(a)pyrene	23.27	252	41426	1.099	ng/ul# 26
91) Indeno(1,2,3-cd)pyrene	25.54	276	65626	1.644	ng/ul# 70
93) Benzo(g,h,i)perylene	26.21	276	341811	10.593	ng/ul# 91

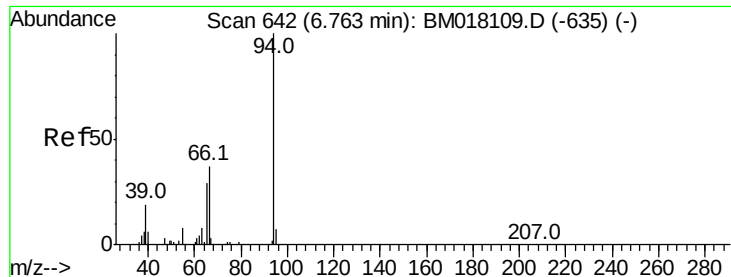
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 5.174 ng/ul

RT: 6.78 min Scan# 644

Delta R.T. 0.01 min

Lab File: BM018123.D

Acq: 13 Dec 2018 10:07

Instrument :

BNA_M

ClientSampleId :

F9Y26

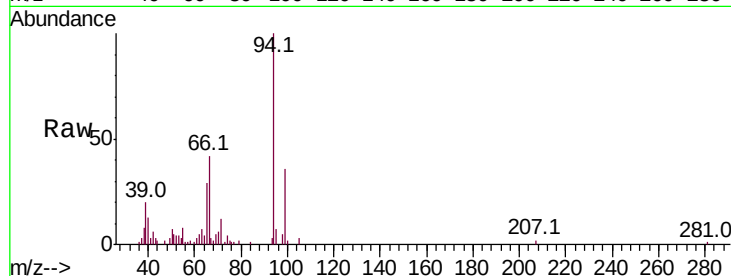
Tot Ion: 94 Resp: 77641

Ion Ratio Lower Upper

94 100

65 28.8 24.7 37.1

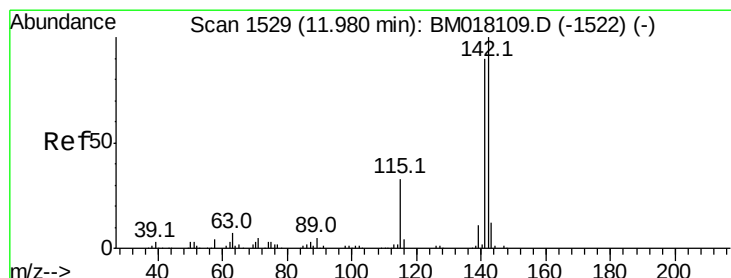
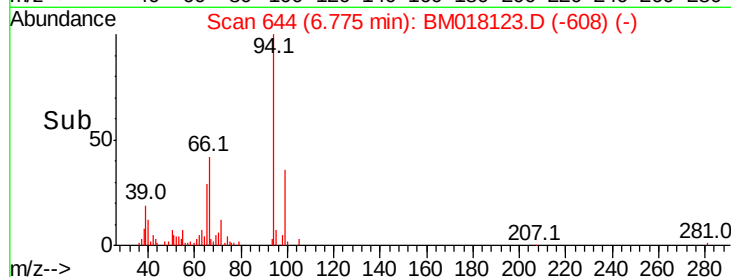
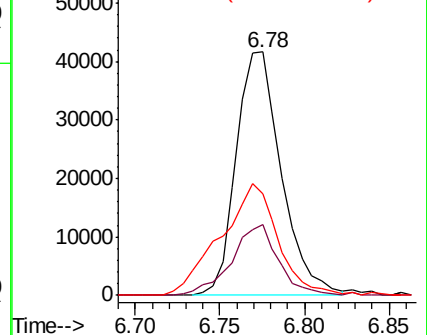
66 41.6 34.6 51.8



Abundance Ion 94.00 (93.70 to 94.70): BM018109.D (-635) (-)

Ion 65.00 (64.70 to 65.70): BM018109.D (-635) (-)

Ion 66.00 (65.70 to 66.70): BM018109.D (-635) (-)



#34

2-Methylnaphthalene

Concen: 1.165 ng/ul

RT: 11.99 min Scan# 1530

Delta R.T. 0.01 min

Lab File: BM018123.D

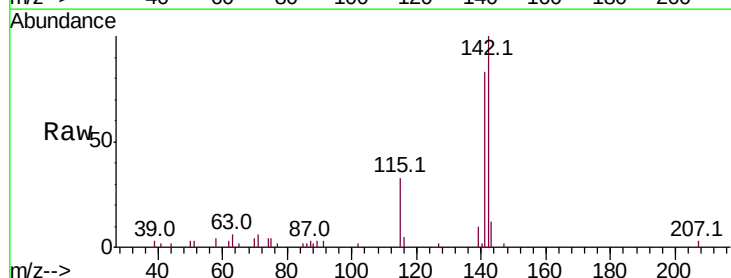
Acq: 13 Dec 2018 10:07

Tgt Ion: 142 Resp: 32754

Ion Ratio Lower Upper

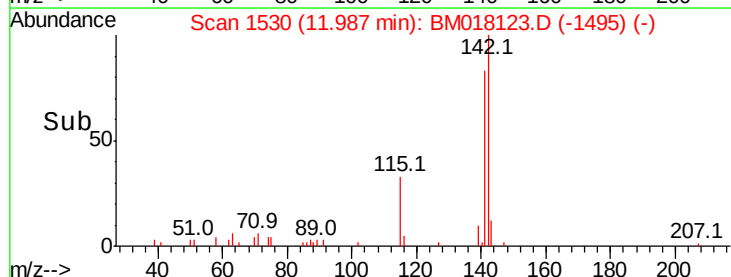
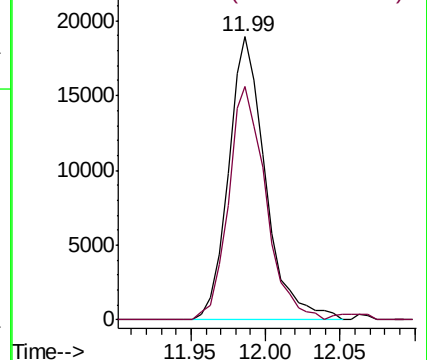
142 100

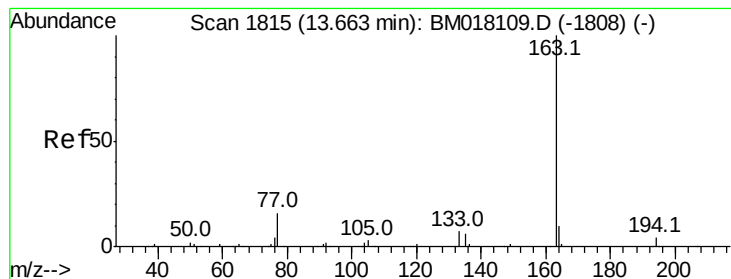
141 82.6 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): BM018109.D (-1522) (-)

Ion 141.00 (140.70 to 141.70): BM018109.D (-1522) (-)





#44

Dimethylphthalate

Concen: 7.826 ng/ul

RT: 13.67 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BM018123.D

Acq: 13 Dec 2018 10:07

Instrument :

BNA_M

ClientSampleId :

F9Y26

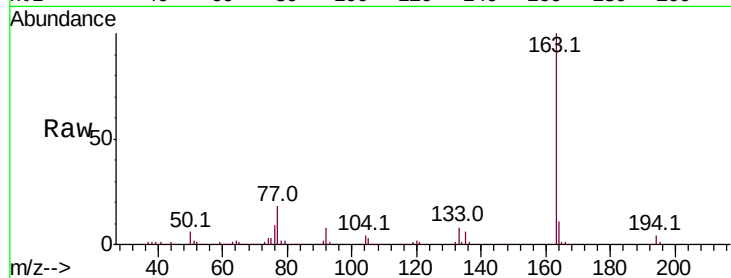
Tot Ion:163 Resp: 257053

Ion Ratio Lower Upper

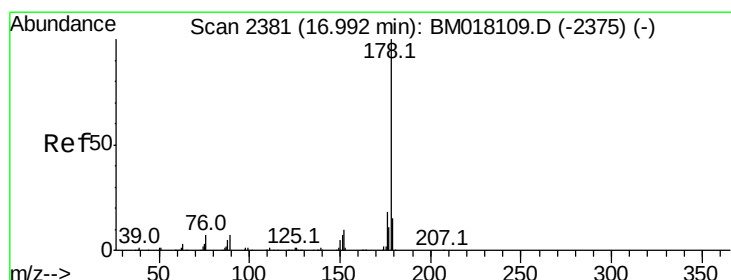
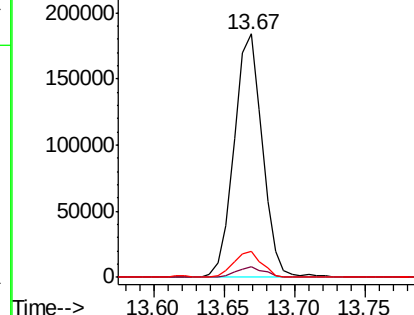
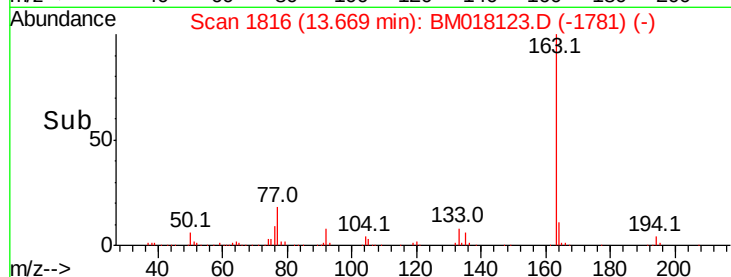
163 100

194 4.2 3.4 5.0

164 10.6 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
250000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#69

Phenanthrene

Concen: 5.745 ng/ul

RT: 17.00 min Scan# 2382

Delta R.T. 0.01 min

Lab File: BM018123.D

Acq: 13 Dec 2018 10:07

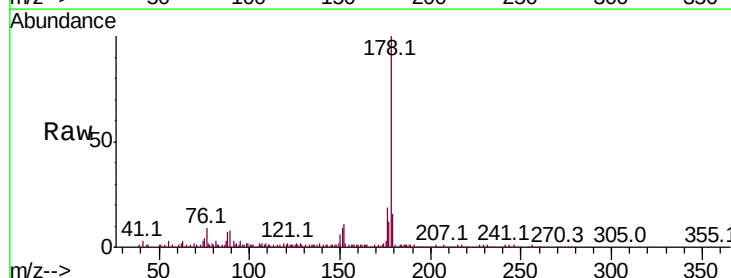
Tgt Ion:178 Resp: 286427

Ion Ratio Lower Upper

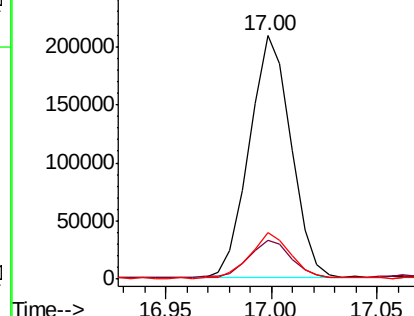
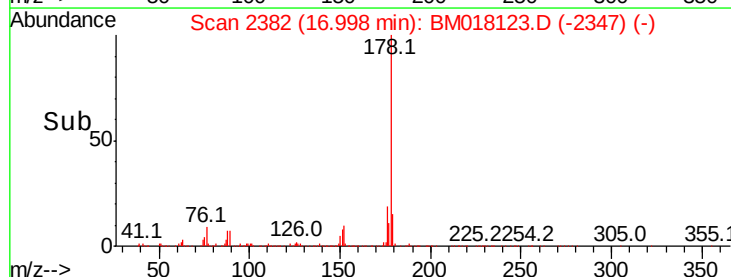
178 100

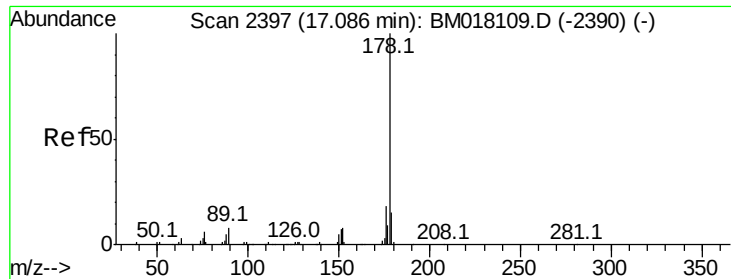
179 15.9 11.8 17.8

176 19.2 15.0 22.6



Abundance Ion 178.00 (177.70 to 178.70): E
250000
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 5.625 ng/ul

RT: 17.00 min Scan# 2382

Delta R.T. -0.09 min

Lab File: BM018123.D

Acq: 13 Dec 2018 10:07

Instrument :

BNA_M

ClientSampleId :

F9Y26

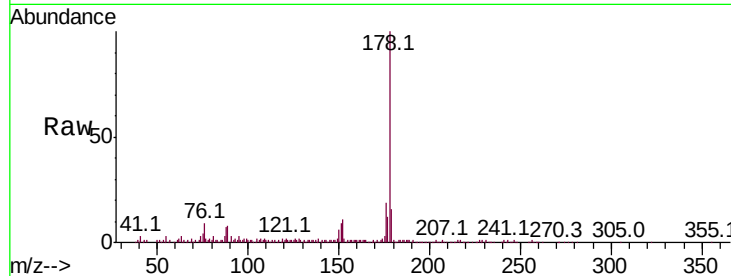
Tot Ion:178 Resp: 286816

Ion Ratio Lower Upper

178 100

179 15.9 12.4 18.6

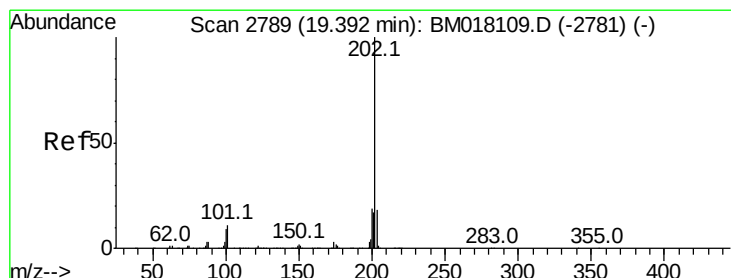
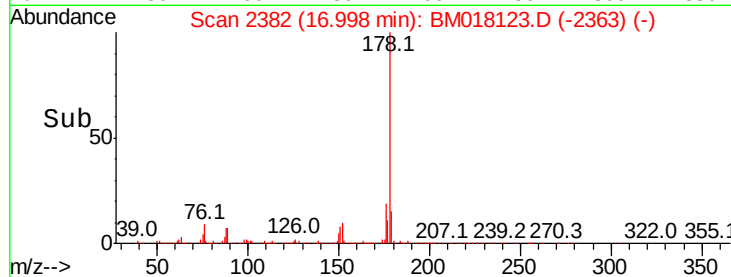
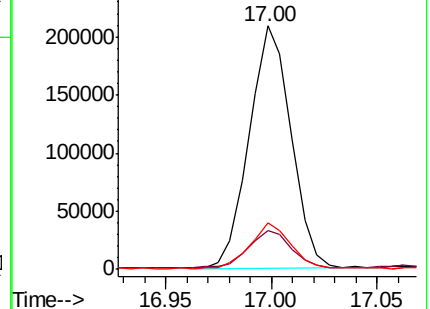
176 19.2 14.8 22.2



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



#79

Pyrene

Concen: 4.898 ng/ul

RT: 19.40 min Scan# 2790

Delta R.T. 0.01 min

Lab File: BM018123.D

Acq: 13 Dec 2018 10:07

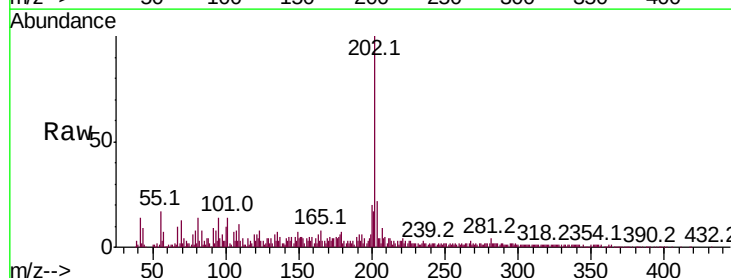
Tgt Ion:202 Resp: 201690

Ion Ratio Lower Upper

202 100

101 14.2 9.6 14.4

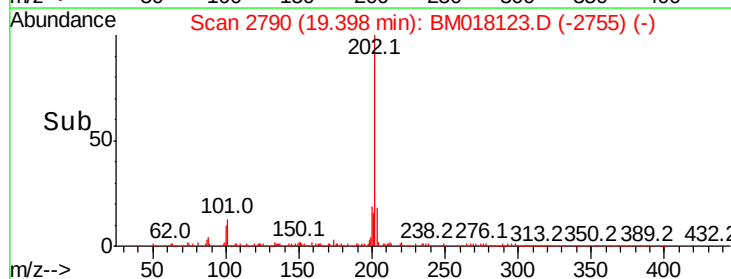
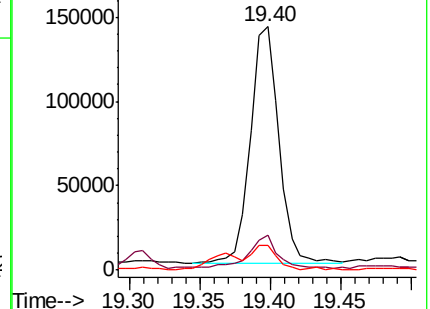
100 10.2 7.9 11.9

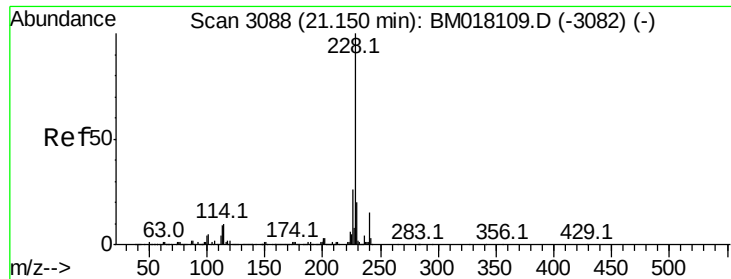


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#82

Benzo(a)anthracene

Concen: 1.432 ng/ul

RT: 21.16 min Scan# 3090

Delta R.T. 0.01 min

Lab File: BM018123.D

Acq: 13 Dec 2018 10:07

Instrument :

BNA_M

ClientSampleId :

F9Y26

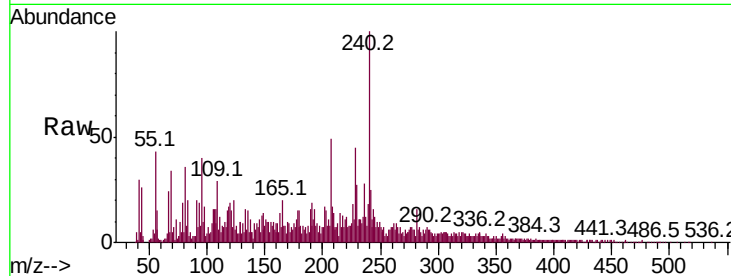
Tot Ion:228 Resp: 60251

Ion Ratio Lower Upper

228 100

229 59.7 16.0 24.0#

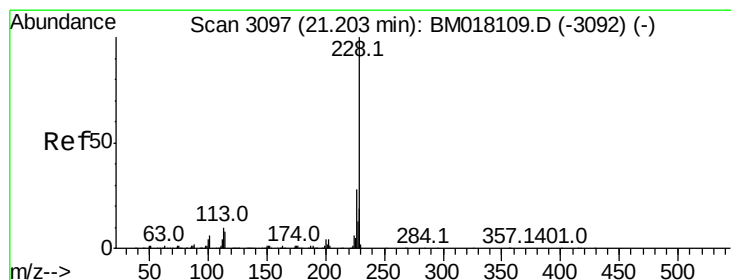
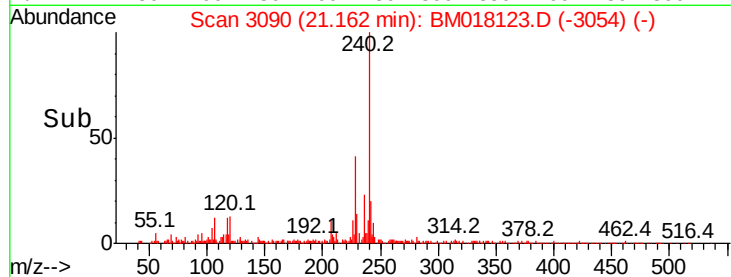
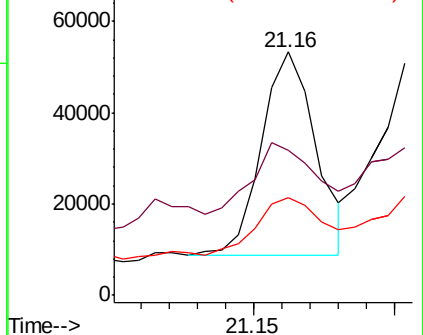
226 40.4 21.0 31.6#



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: 2.965 ng/ul

RT: 21.21 min Scan# 3098

Delta R.T. 0.01 min

Lab File: BM018123.D

Acq: 13 Dec 2018 10:07

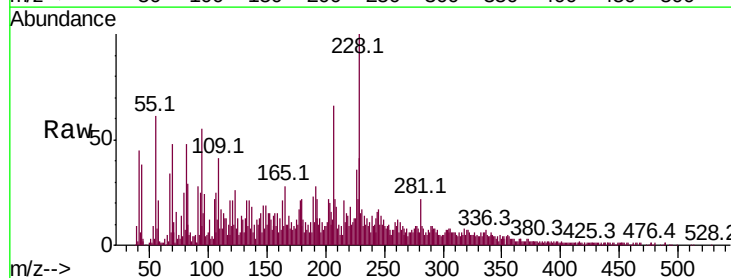
Tgt Ion:228 Resp: 116656

Ion Ratio Lower Upper

228 100

226 36.4 23.7 35.5#

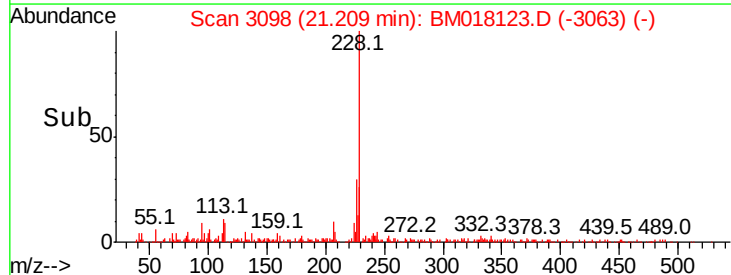
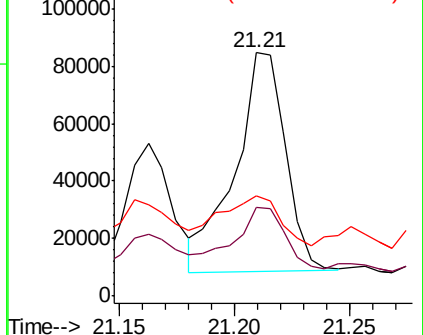
229 41.4 15.8 23.8#

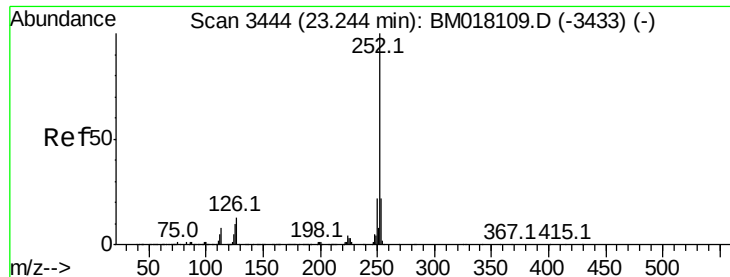


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#90

Benzo(a)pyrene

Concen: 1.099 ng/ul

RT: 23.27 min Scan# 3449

Delta R.T. 0.03 min

Lab File: BM018123.D

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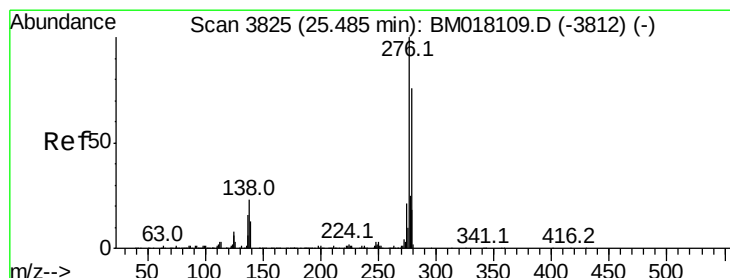
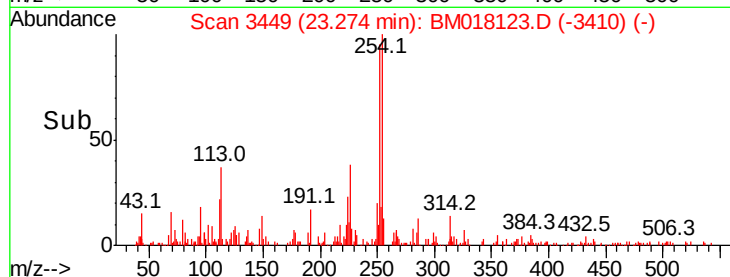
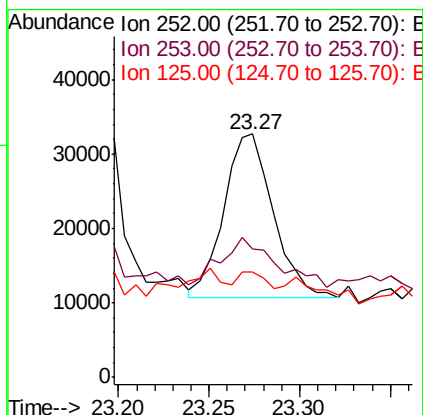
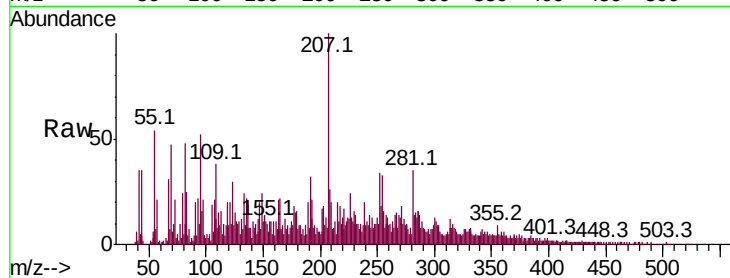
Tot Ion:252 Resp: 41426

Ion Ratio Lower Upper

252 100

253 53.0 17.4 26.0#

125 43.3 7.9 11.9#



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.644 ng/ul

RT: 25.54 min Scan# 3835

Delta R.T. 0.06 min

Lab File: BM018123.D

Acq: 13 Dec 2018 10:07

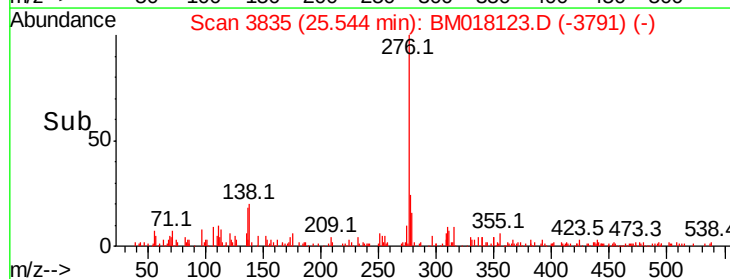
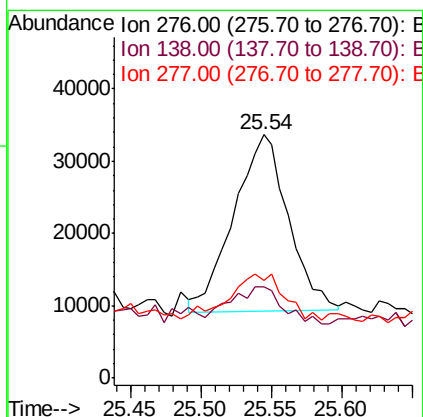
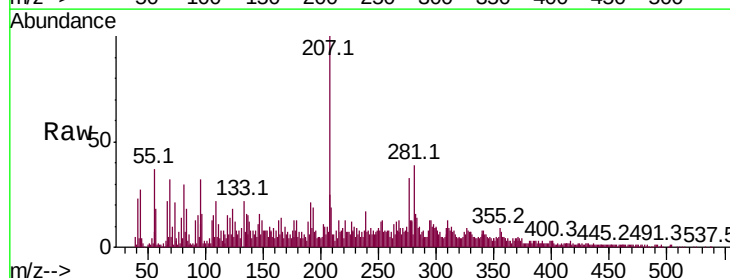
Tgt Ion:276 Resp: 65626

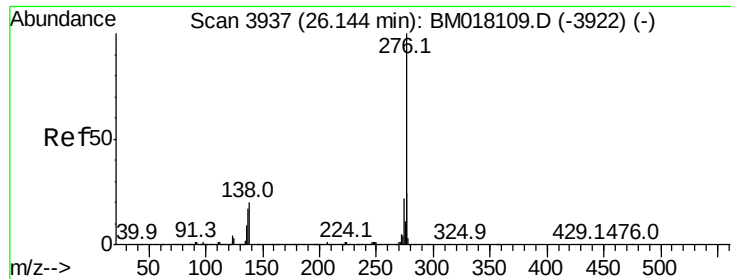
Ion Ratio Lower Upper

276 100

138 37.6 18.2 27.2#

277 40.2 20.2 30.4#





#93

Benzo(a,h,i)perylene

Concen: 10.593 ng/ul

RT: 26.21 min Scan# 3948

Delta R.T. 0.06 min

Lab File: BM018123.D

Acq: 13 Dec 2018 10:07

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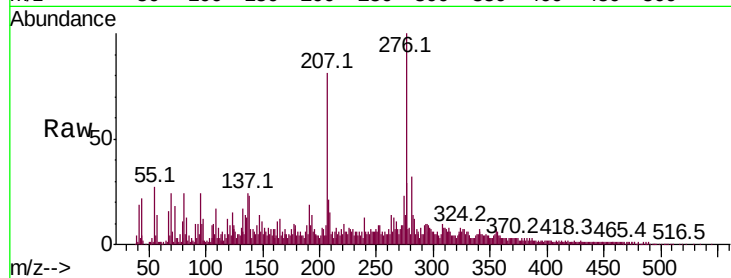
Tot Ion:276 Resp: 341811

Ion Ratio Lower Upper

276 100

138 23.0 15.8 23.6

277 28.7 18.6 27.8#



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

