

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110217\
 Data File : BM012685.D
 Acq On : 03 Nov 2017 04:15
 Operator : SJ/JU
 Sample : I6045-19
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0E68

Quant Time: Nov 03 04:50:17 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 03 03:08:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	196998	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	773682	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	473238	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	1135069	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	1425733	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	1581948	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	4552	1.18	ng/uL	0.00
5) Phenol-d5	6.99	99	116625	7.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	76395	7.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	111199	9.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	100226	7.13	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	56692	11.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	51586	10.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	108677	8.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	729	0.05	ng/ul	0.01
43) Dimethylphthalate-d6	13.87	166	341223	8.25	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	456555	9.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	9810	1.60	ng/ul	0.02
57) Fluorene-d10	15.45	176	339805	9.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	18953	3.45	ng/ul	0.00
70) Anthracene-d10	17.30	188	540964	10.00	ng/ul	0.00
76) Pyrene-d10	19.59	212	633619	9.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	742865	9.88	ng/ul	0.00

Target Compounds

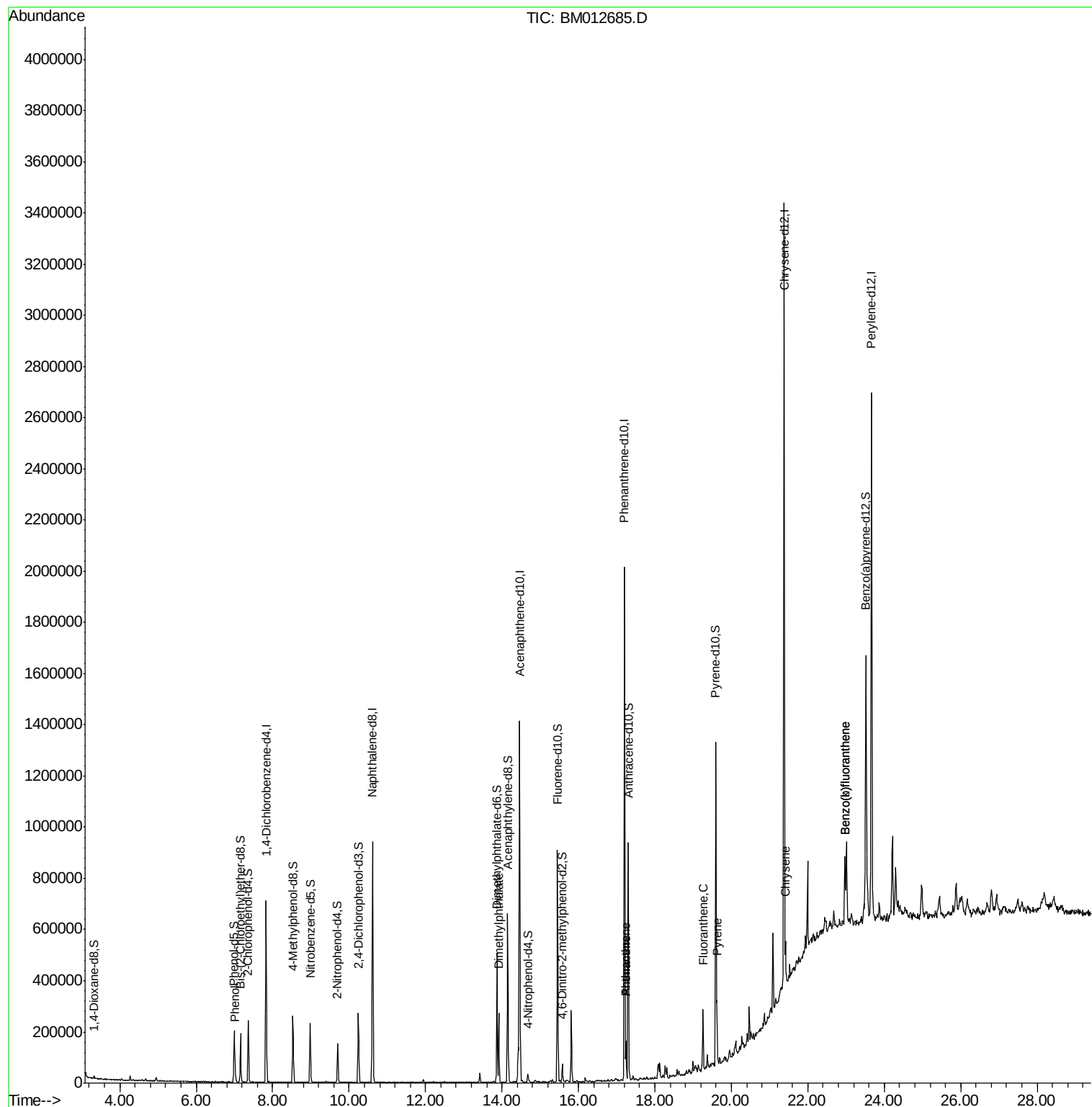
						Ovalue
6) Phenol	7.02	94	20018	1.17	ng/ul#	75
44) Dimethylphthalate	13.92	163	182448	4.46	ng/ul	99
69) Phenanthrene	17.24	178	87091	1.42	ng/ul	97
71) Anthracene	17.24	178	87091	1.37	ng/ul	95
74) Fluoranthene	19.26	202	130975	1.88	ng/ul#	94
77) Pyrene	19.62	202	148744	1.83	ng/ul#	92
82) Chrysene	21.42	228	82475	1.09	ng/ul	99
85) Benzo(b)fluoranthene	22.99	252	98802	1.01	ng/ul#	94
86) Benzo(k)fluoranthene	22.99	252	98802	1.07	ng/ul#	92

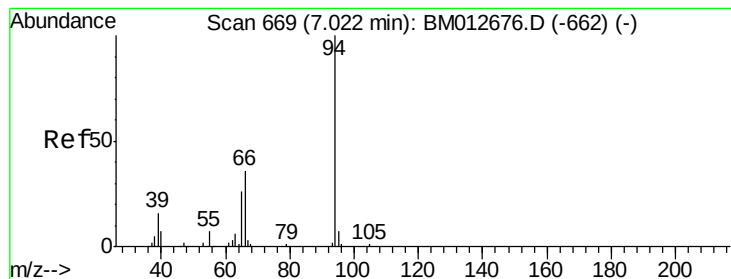
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.17 ng/ul

RT: 7.02 min Scan# 669

Delta R.T. -0.00 min

Lab File: BM012685.D

Acq: 03 Nov 2017 04:15

Instrument :

BNA_M

ClientSampleId :

B0E68

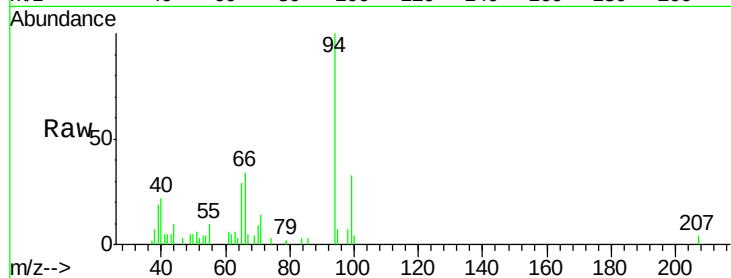
Tot Ion: 94 Resp: 20018

Ion Ratio Lower Upper

94 100

65 28.7 28.2 42.4

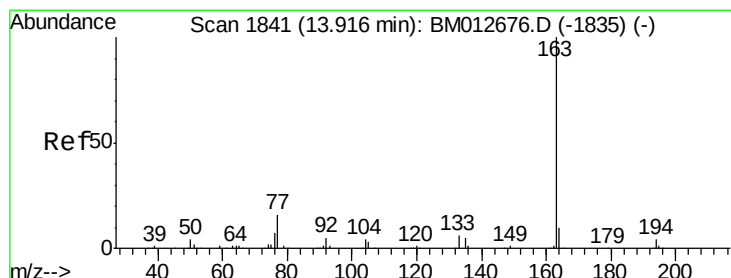
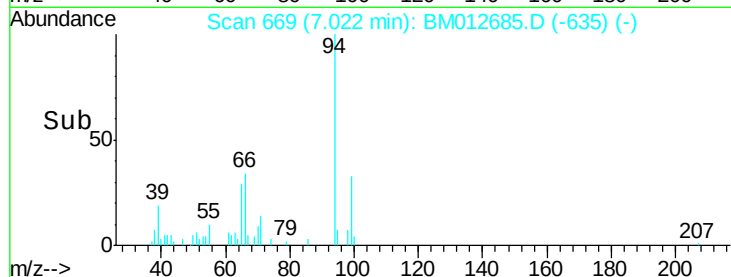
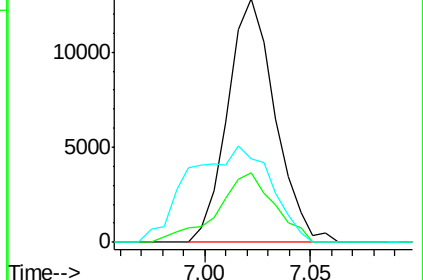
66 34.2 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM012676.D (-662) (-)

Ion 65.00 (64.70 to 65.70): BM012676.D (-662) (-)

Ion 66.00 (65.70 to 66.70): BM012676.D (-662) (-)



#44

Dimethylphthalate

Concen: 4.46 ng/ul

RT: 13.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BM012685.D

Acq: 03 Nov 2017 04:15

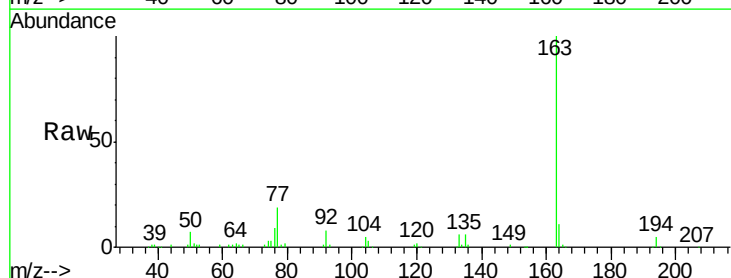
Tgt Ion: 163 Resp: 182448

Ion Ratio Lower Upper

163 100

194 5.0 3.5 5.3

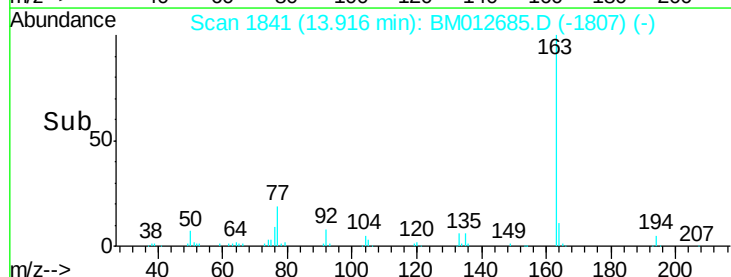
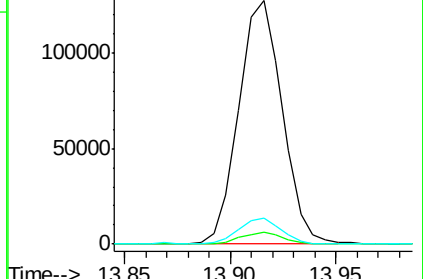
164 10.5 8.2 12.4

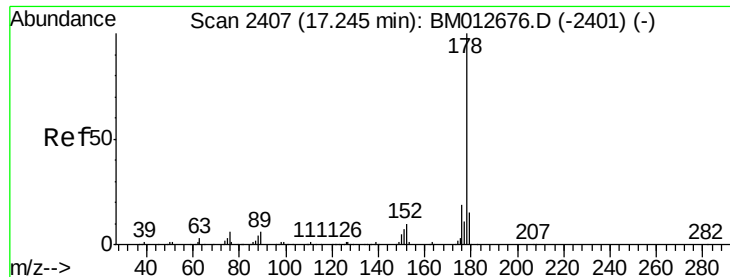


Abundance Ion 163.00 (162.70 to 163.70): BM012676.D (-1835) (-)

Ion 194.00 (193.70 to 194.70): BM012676.D (-1835) (-)

Ion 164.00 (163.70 to 164.70): BM012676.D (-1835) (-)





#69

Phenanthrene

Concen: 1.42 ng/ul

RT: 17.24 min Scan# 2407

Delta R.T. -0.00 min

Lab File: BM012685.D

Acq: 03 Nov 2017 04:15

Instrument :

BNA_M

ClientSampleId :

B0E68

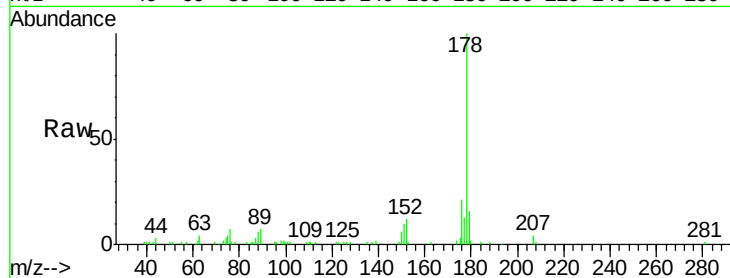
Tot Ion:178 Resp: 87091

Ion Ratio Lower Upper

178 100

179 16.5 12.6 19.0

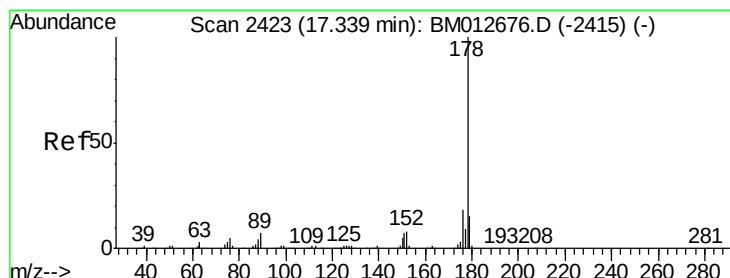
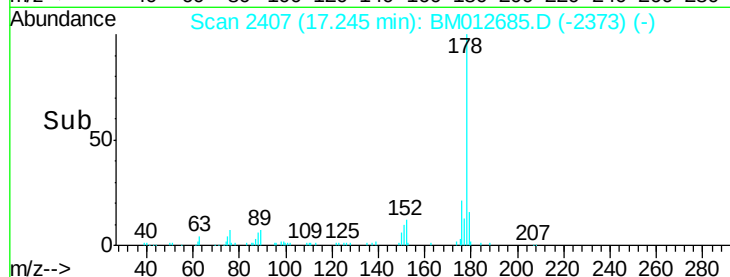
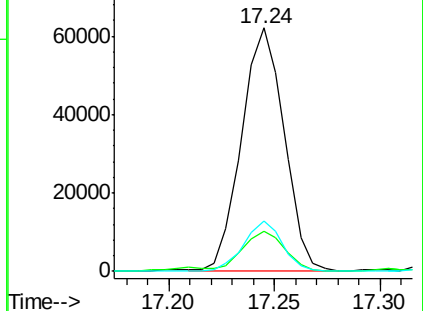
176 20.9 14.9 22.3



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: 1.37 ng/ul

RT: 17.24 min Scan# 2407

Delta R.T. -0.09 min

Lab File: BM012685.D

Acq: 03 Nov 2017 04:15

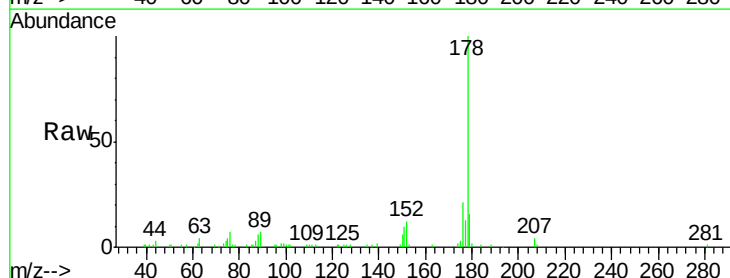
Tgt Ion:178 Resp: 87091

Ion Ratio Lower Upper

178 100

179 16.5 11.7 17.5

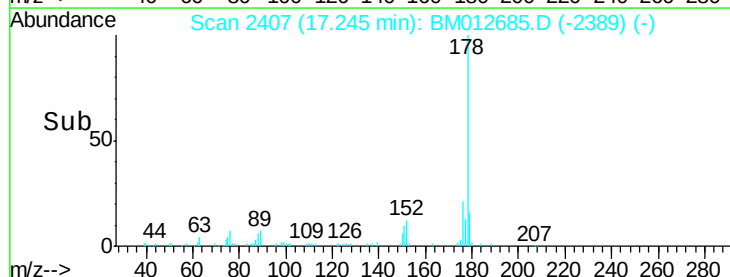
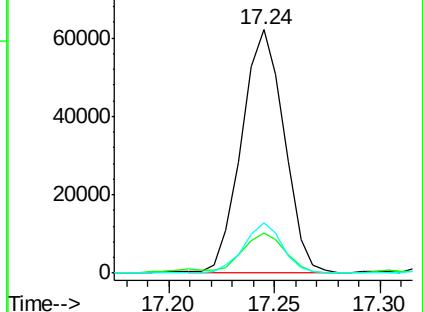
176 20.9 14.6 21.8

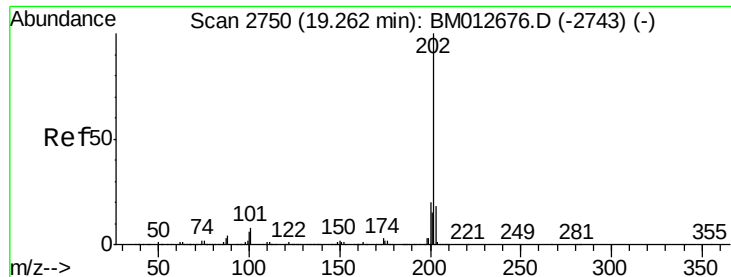


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 1.88 ng/ul

RT: 19.26 min Scan# 2749

Delta R.T. -0.01 min

Lab File: BM012685.D

Acq: 03 Nov 2017 04:15

Instrument :

BNA_M

ClientSampleId :

B0E68

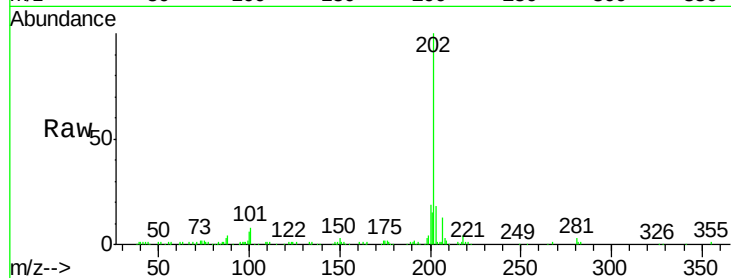
Tot Ion:202 Resp: 130975

Ion Ratio Lower Upper

202 100

101 7.7 4.6 7.0#

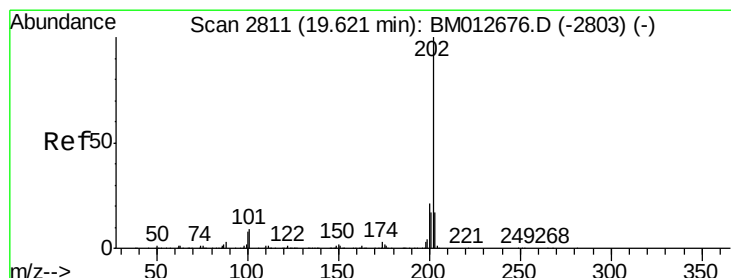
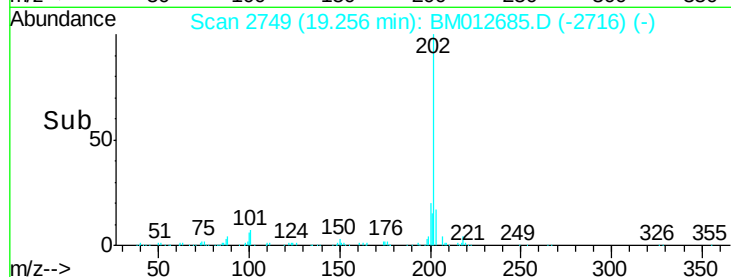
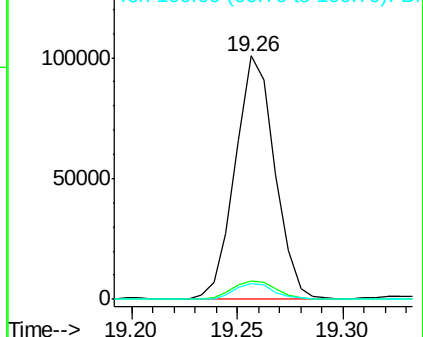
100 6.3 3.4 5.2#



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: 1.83 ng/ul

RT: 19.62 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BM012685.D

Acq: 03 Nov 2017 04:15

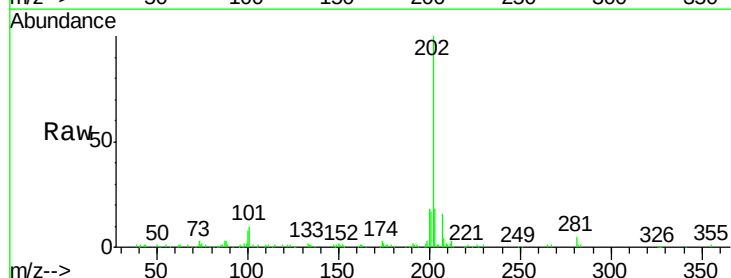
Tgt Ion:202 Resp: 148744

Ion Ratio Lower Upper

202 100

101 9.6 5.1 7.7#

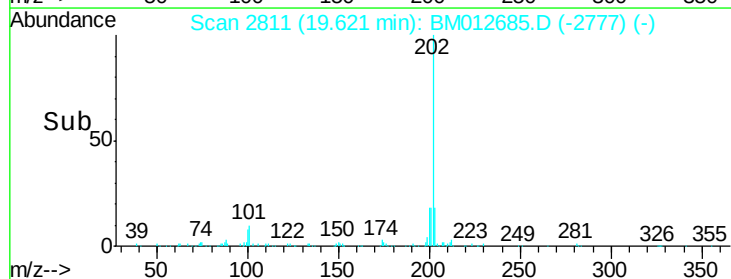
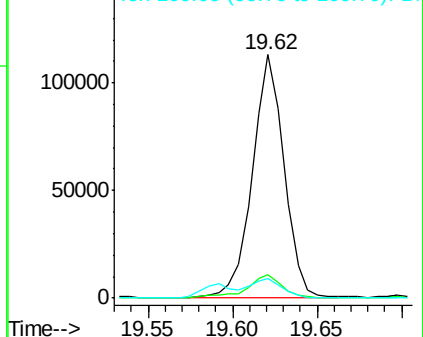
100 8.2 4.9 7.3#

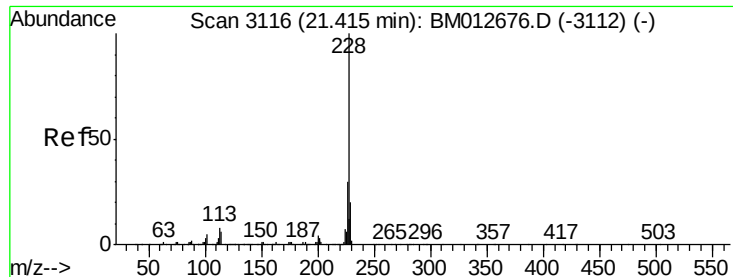


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Chrysene

Concen: 1.09 ng/ul

RT: 21.42 min Scan# 3116

Delta R.T. -0.00 min

Lab File: BM012685.D

Acq: 03 Nov 2017 04:15

Instrument :

BNA_M

ClientSampleId :

B0E68

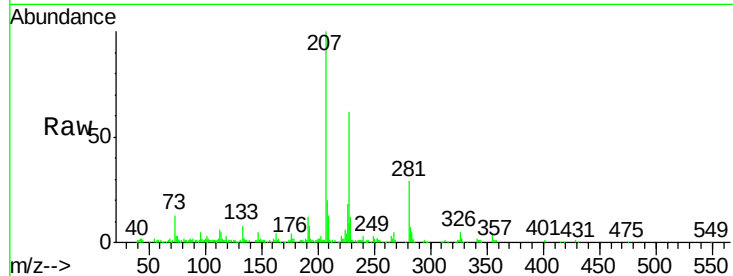
Tot Ion:228 Resp: 82475

Ion Ratio Lower Upper

228 100

226 28.5 23.4 35.2

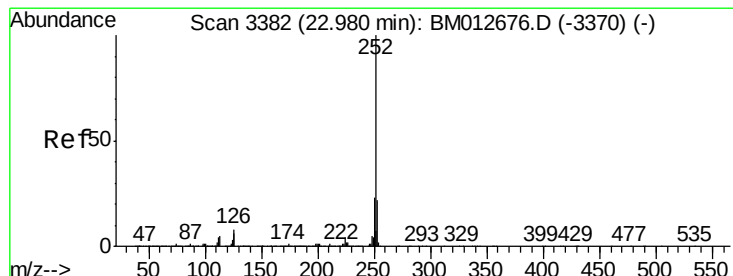
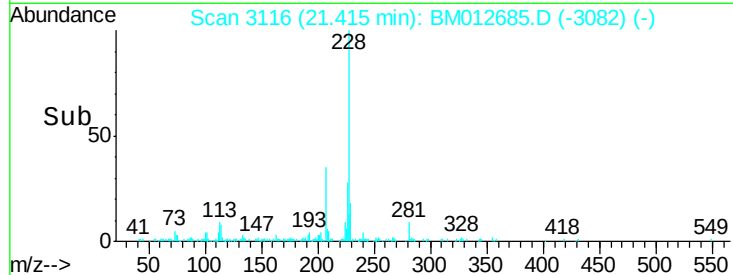
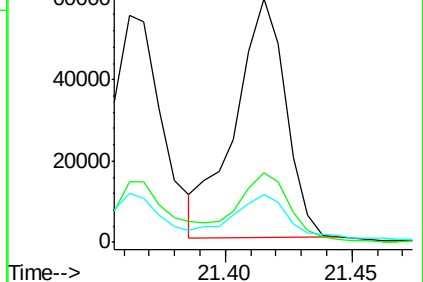
229 19.7 15.5 23.3



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: 1.01 ng/ul

RT: 22.99 min Scan# 3383

Delta R.T. 0.01 min

Lab File: BM012685.D

Acq: 03 Nov 2017 04:15

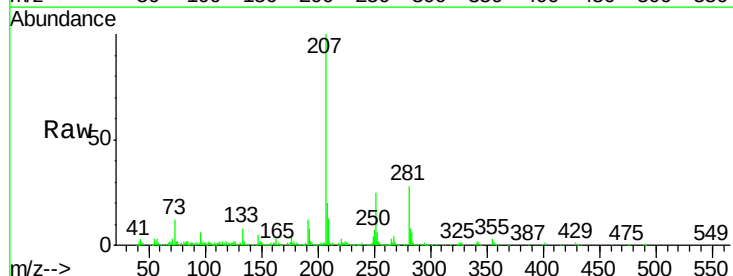
Tgt Ion:252 Resp: 98802

Ion Ratio Lower Upper

252 100

253 25.0 17.9 26.9

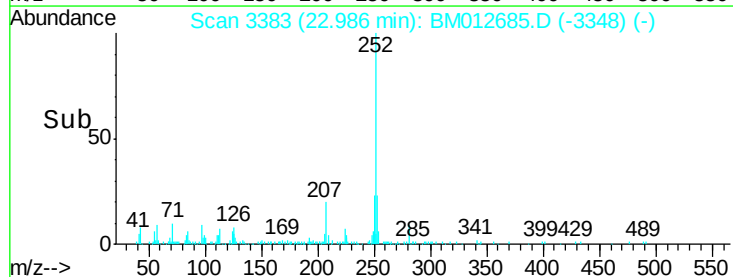
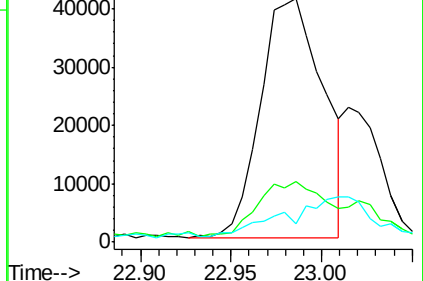
125 7.5 3.6 5.4#

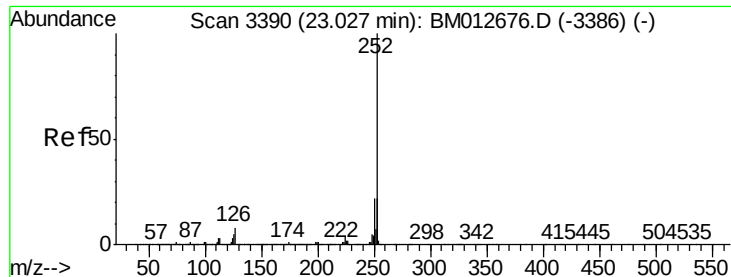


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 1.07 ng/ul

RT: 22.99 min Scan# 3383

Delta R.T. -0.04 min

Lab File: BM012685.D

Acq: 03 Nov 2017 04:15

Instrument :

BNA_M

ClientSampleId :

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Tot Ion: 252 Resp: 98802

Ion Ratio Lower Upper

252 100

253 25.0 17.1 25.7

125 7.5 3.4 5.2#

