

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120617\
 Data File : BM013227.D
 Acq On : 07 Dec 2017 01:42
 Operator : SJ/JU
 Sample : I6647-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0275

Quant Time: Dec 07 04:37:25 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 07 04:35:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	274883	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1230826	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	736761	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1652932	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1553288	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1218729	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	24346	4.39	ng/uL	0.00
5) Phenol-d5	6.87	99	669378	28.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	391121	28.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	565192	30.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	590473	29.06	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	296585	30.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	326880	31.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	617042	28.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	713916	36.08	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	1924829	29.36	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	2491661	30.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	282003	24.76	ng/ul	0.00
57) Fluorene-d10	15.34	176	1662298	29.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	229457	22.07	ng/ul	0.00
70) Anthracene-d10	17.19	188	2519662	30.44	ng/ul	0.00
76) Pyrene-d10	19.49	212	2738216	35.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	1901310	30.63	ng/ul	0.00

Target Compounds

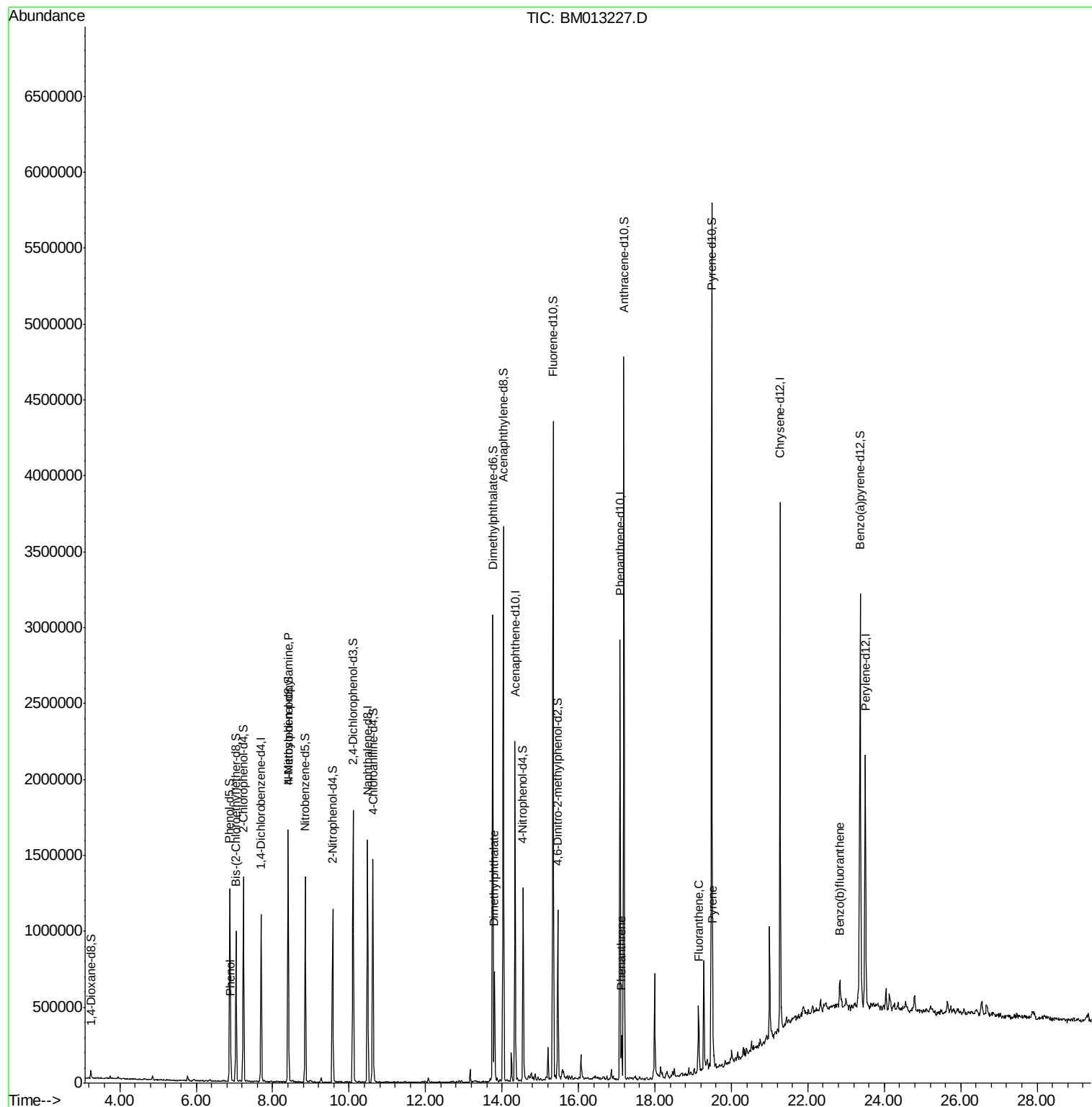
					Ovalue
6) Phenol	6.90	94	65489	2.786	ng/ul 94
15) N-Nitroso-di-n-propylamine	8.41	70	16133	1.037	ng/ul# 1
44) Dimethylphthalate	13.80	163	435051	6.938	ng/ul 97
69) Phenanthrene	17.13	178	153850	1.638	ng/ul 97
74) Fluoranthene	19.14	202	213131	1.852	ng/ul# 90
77) Pyrene	19.51	202	229887	2.436	ng/ul# 91
85) Benzo(b)fluoranthene	22.83	252	88220	1.074	ng/ul# 86

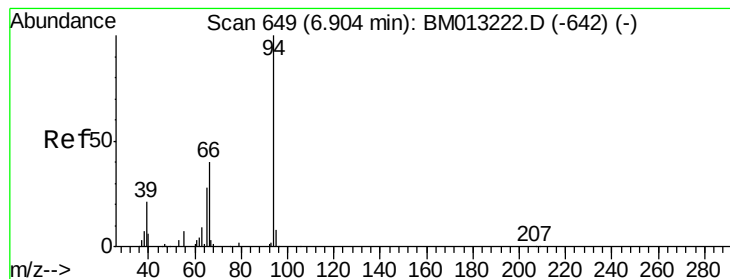
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.786 ng/ul

RT: 6.90 min Scan# 649

Delta R.T. 0.00 min

Lab File: BM013227.D

Acq: 07 Dec 2017 01:42

Instrument :

BNA_M

ClientSampleId :

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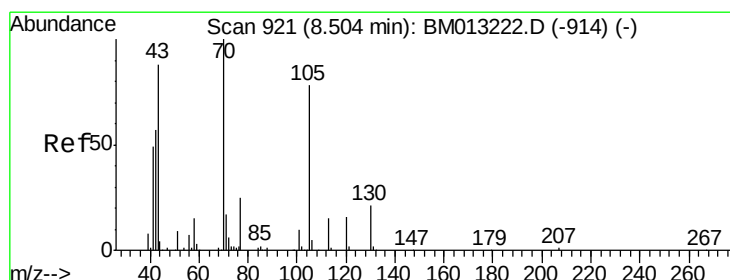
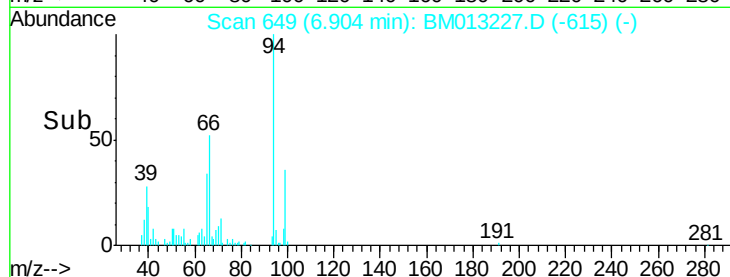
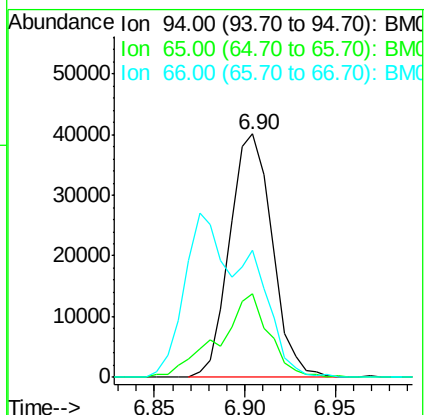
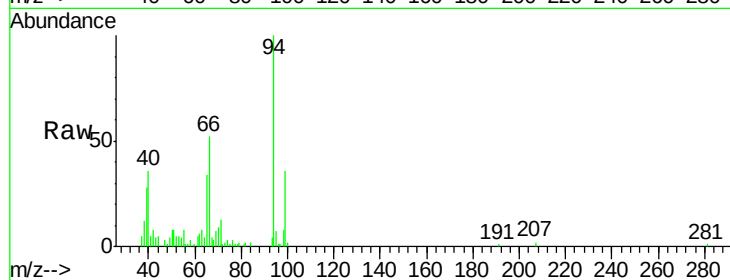
Tot Ion: 94 Resp: 65489

Ion Ratio Lower Upper

94 100

65 34.2 28.2 42.4

66 52.2 47.2 70.8



#15

N-Nitroso-di-n-propylamine

Concen: 1.037 ng/ul

RT: 8.41 min Scan# 905

Delta R.T. -0.09 min

Lab File: BM013227.D

Acq: 07 Dec 2017 01:42

Tgt Ion: 70 Resp: 16133

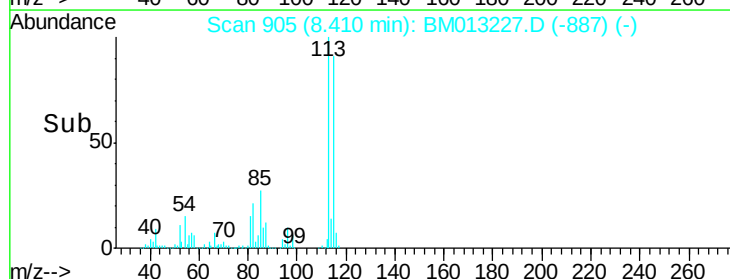
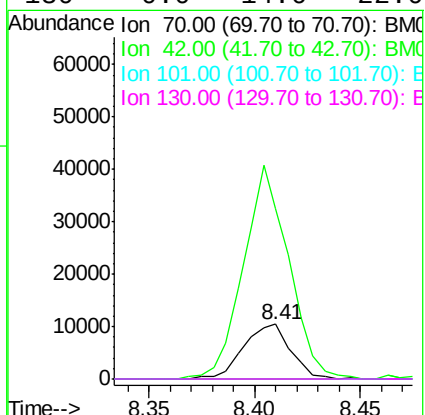
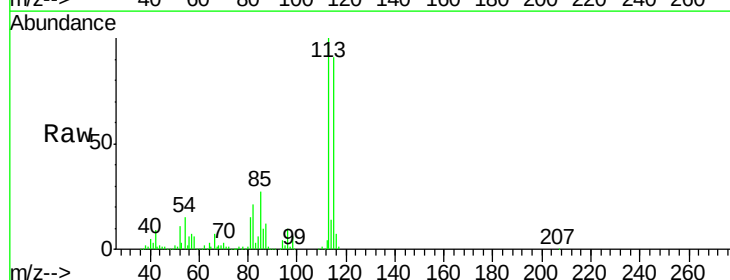
Ion Ratio Lower Upper

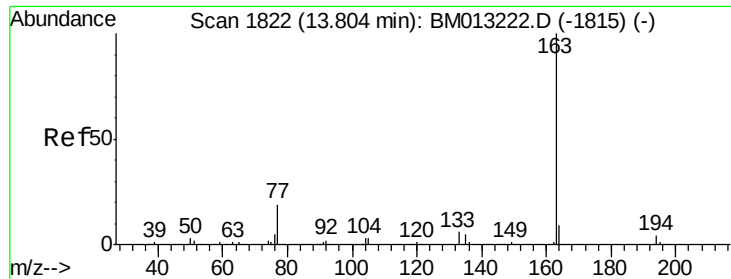
70 100

42 313.1 76.0 114.0#

101 0.0 6.7 10.1#

130 0.0 14.6 22.0#





#44

Dimethylphthalate

Concen: 6.938 ng/ul

RT: 13.80 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BM013227.D

Acq: 07 Dec 2017 01:42

Instrument :

BNA_M

ClientSampleId :

C0275

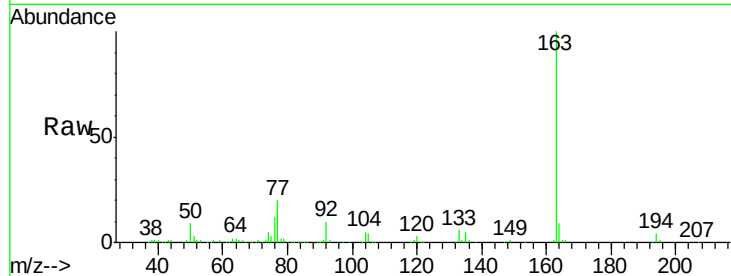
Tot Ion:163 Resp: 435051

Ion Ratio Lower Upper

163 100

194 3.8 3.5 5.3

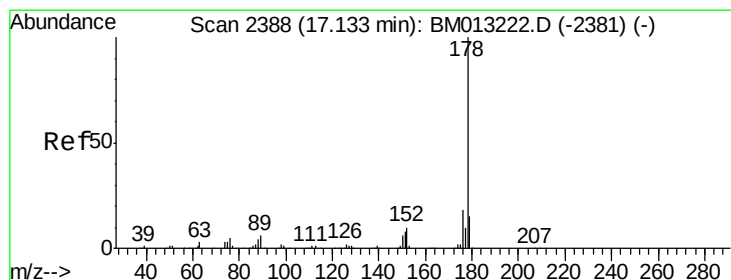
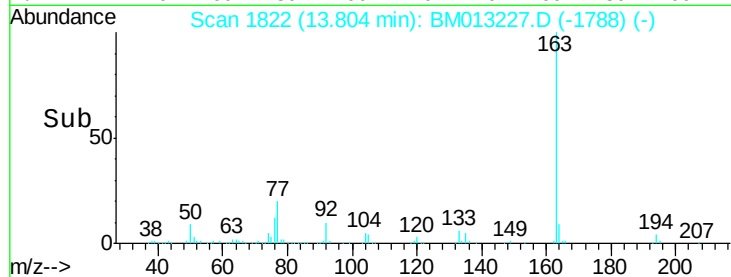
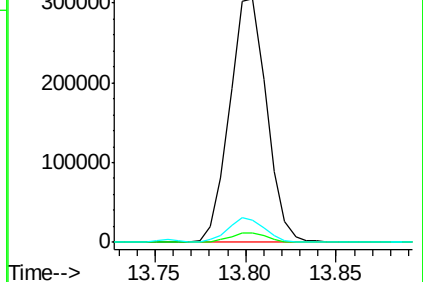
164 8.9 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69

Phenanthrene

Concen: 1.638 ng/ul

RT: 17.13 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BM013227.D

Acq: 07 Dec 2017 01:42

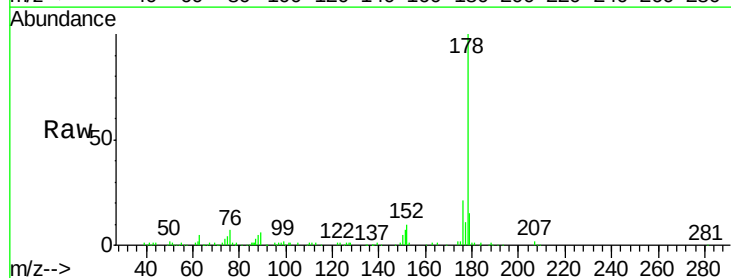
Tgt Ion:178 Resp: 153850

Ion Ratio Lower Upper

178 100

179 15.3 12.6 19.0

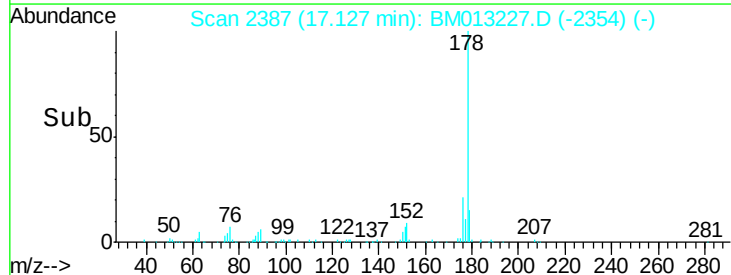
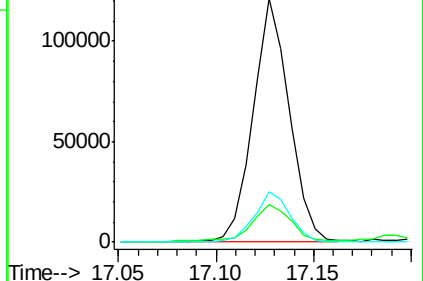
176 20.7 14.9 22.3

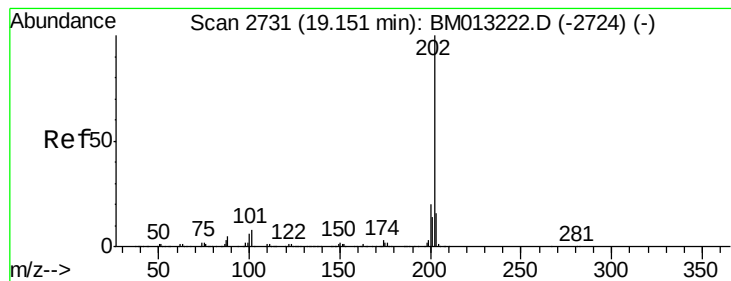


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 1.852 ng/ul

RT: 19.14 min Scan# 2730

Delta R.T. -0.01 min

Lab File: BM013227.D

Acq: 07 Dec 2017 01:42

Instrument :

BNA_M

ClientSampleId :

C0275

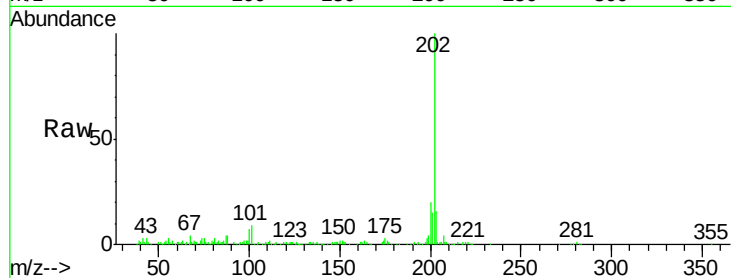
Tot Ion:202 Resp: 213131

Ion Ratio Lower Upper

202 100

101 9.4 4.6 7.0#

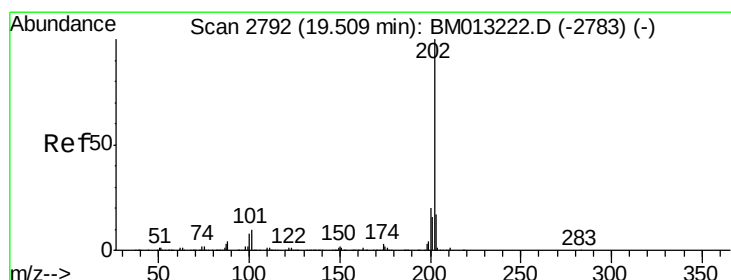
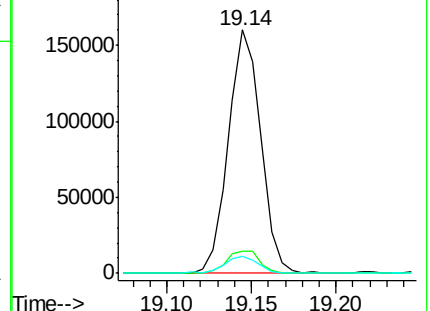
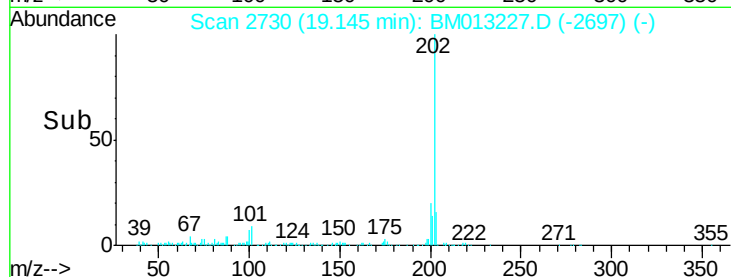
100 7.1 3.4 5.2#



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: 2.436 ng/ul

RT: 19.51 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BM013227.D

Acq: 07 Dec 2017 01:42

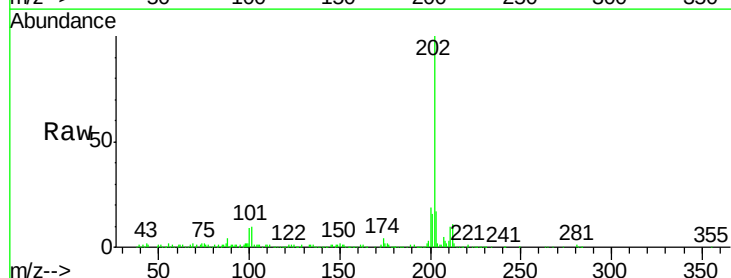
Tgt Ion:202 Resp: 229887

Ion Ratio Lower Upper

202 100

101 10.2 5.1 7.7#

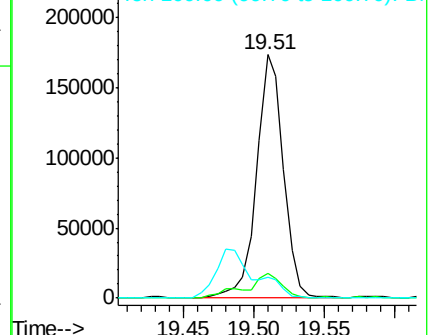
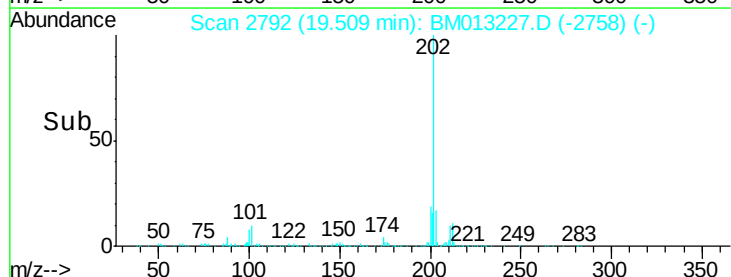
100 8.6 4.9 7.3#

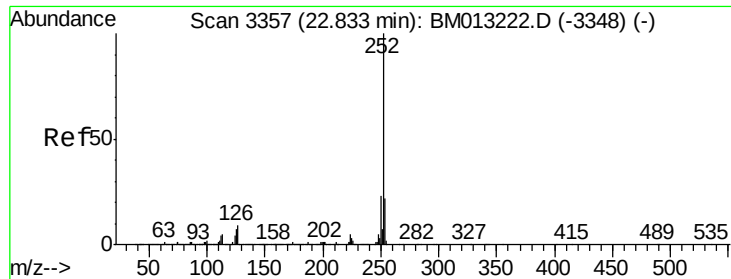


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#85

Benzo(b)fluoranthene

Concen: 1.074 ng/ul

RT: 22.83 min Scan# 3357

Delta R.T. 0.00 min

Lab File: BM013227.D

Acq: 07 Dec 2017 01:42

Instrument :

BNA_M

ClientSampleId :

C0275

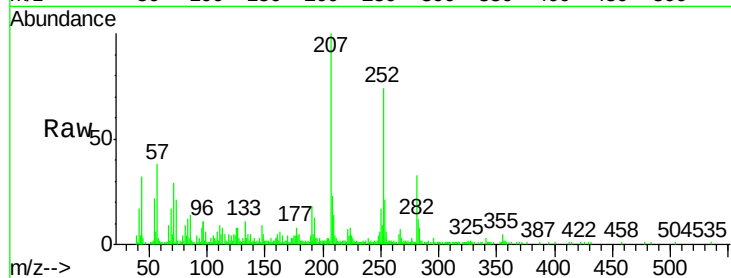
Tot Ion:252 Resp: 88220

Ion Ratio Lower Upper

252 100

253 28.7 17.9 26.9#

125 11.0 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

