

Data File : BM013458.D
Acq On : 16 Dec 2017 02:53
Operator : SJ/JU
Sample : I6779-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A97

Quant Time: Dec 16 04:29:07 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	219571	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	978289	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	611828	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1432406	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1403040	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	1108937	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	21725	4.90	ng/uL	0.00
5) Phenol-d5	6.85	99	561656	29.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	336603	31.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	440328	29.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	487760	30.05	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	247273	31.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	271036	32.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	510810	29.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	635096	40.39	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1878999	34.51	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	2226609	33.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	284758	30.10	ng/ul	0.00
57) Fluorene-d10	15.32	176	1551314	33.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	229821	25.50	ng/ul	0.00
70) Anthracene-d10	17.17	188	2493008	34.75	ng/ul	0.00
76) Pyrene-d10	19.46	212	2768454	39.61	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	2030753	35.95	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.88	94	58302	3.10	ng/ul	87
15) N-Nitroso-di-n-propylamine	8.39	70	14257	1.15	ng/ul#	1
44) Dimethylphthalate	13.78	163	407285	7.82	ng/ul	100
49) Acenaphthene	14.38	153	76245	1.80	ng/ul	97
58) Fluorene	15.37	166	96904	1.87	ng/ul	98
74) Fluoranthene	19.13	202	648339	6.50	ng/ul#	92
77) Pyrene	19.49	202	470217	5.52	ng/ul#	93

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

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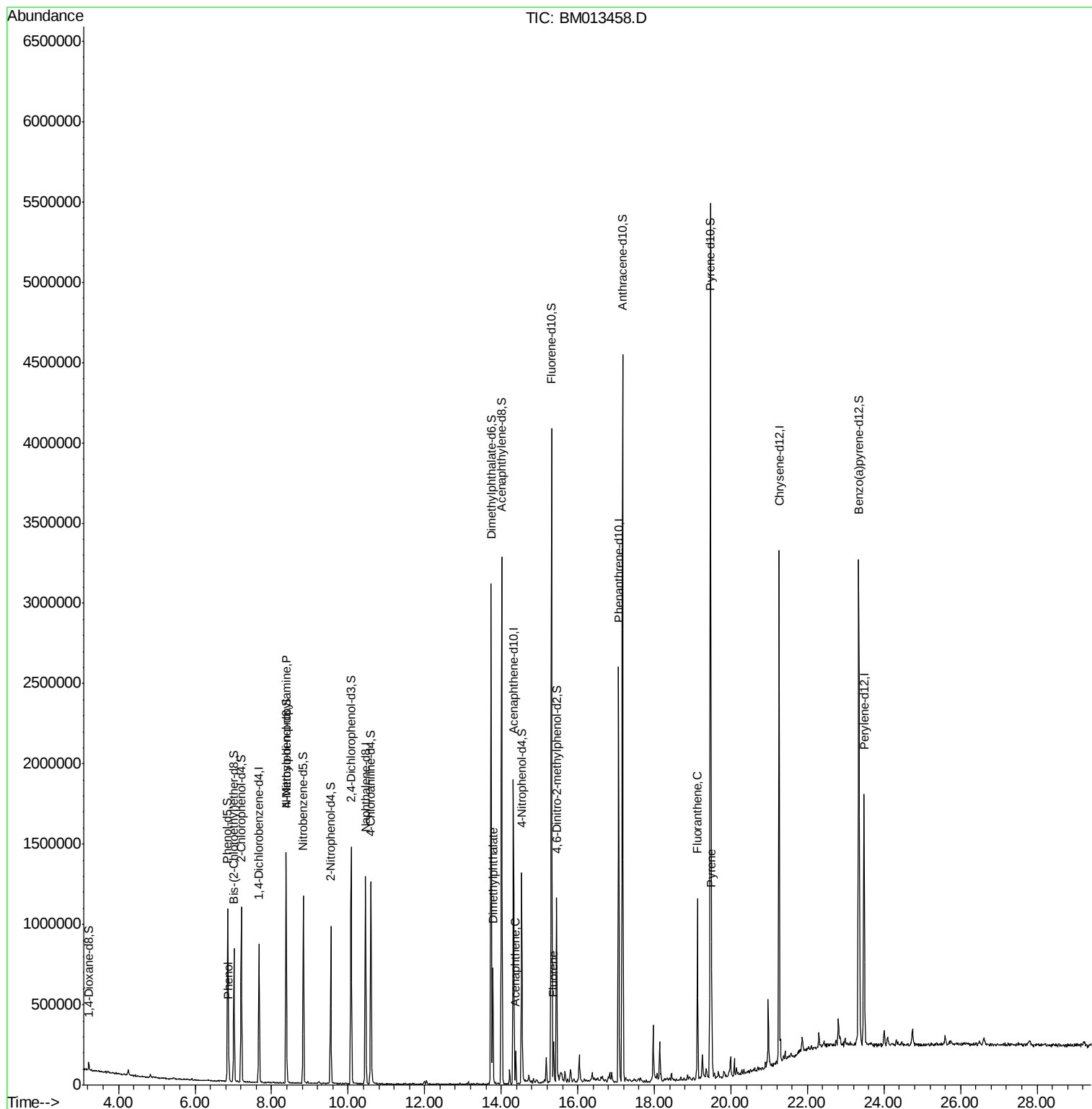
Quant Time: Dec 16 04:29:07 2017

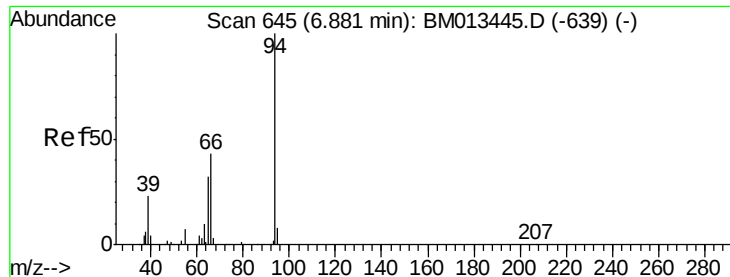
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Dec 16 00:23:08 2017

Response via : Initial Calibration





#6

Phenol

Concen: 3.10 ng/ul

RT: 6.88 min Scan# 645

Delta R.T. -0.00 min

Lab File: BM013458.D

Acq: 16 Dec 2017 02:53

Instrument :

BNA_M

ClientSampleId :

F9A97

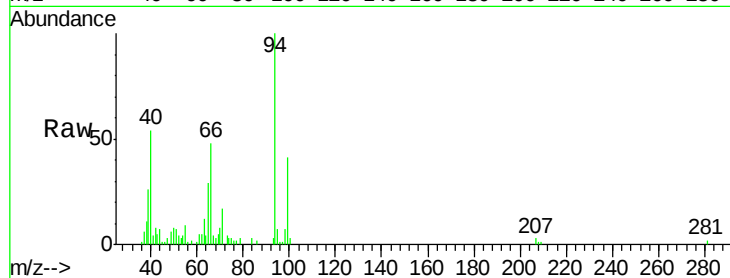
Tgt Ion: 94 Resp: 58302

Ion Ratio Lower Upper

94 100

65 29.3 28.2 42.4

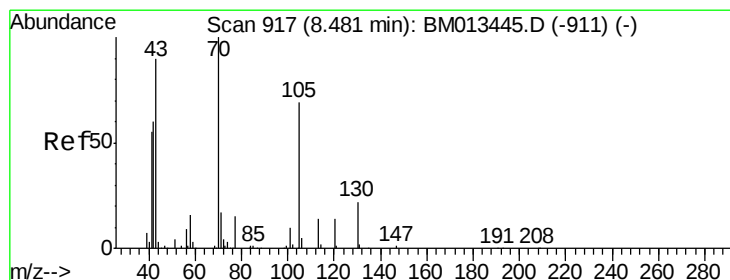
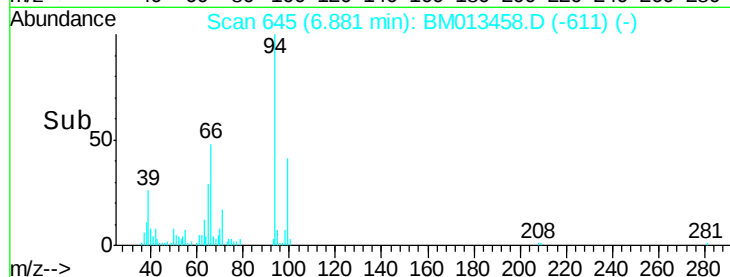
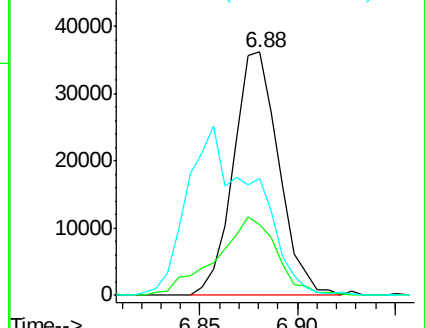
66 48.1 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM013445.D (-639) (-)

Ion 65.00 (64.70 to 65.70): BM013445.D (-639) (-)

Ion 66.00 (65.70 to 66.70): BM013445.D (-639) (-)



#15

N-Nitroso-di-n-propylamine

Concen: 1.15 ng/ul

RT: 8.39 min Scan# 901

Delta R.T. -0.09 min

Lab File: BM013458.D

Acq: 16 Dec 2017 02:53

Tgt Ion: 70 Resp: 14257

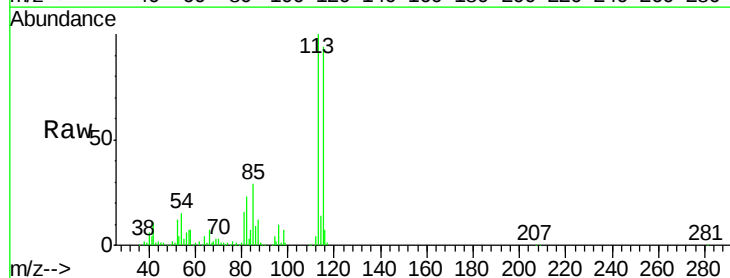
Ion Ratio Lower Upper

70 100

42 360.5 76.0 114.0#

101 0.0 6.7 10.1#

130 0.0 14.6 22.0#

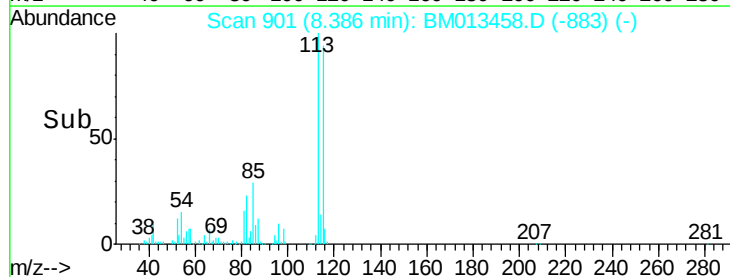
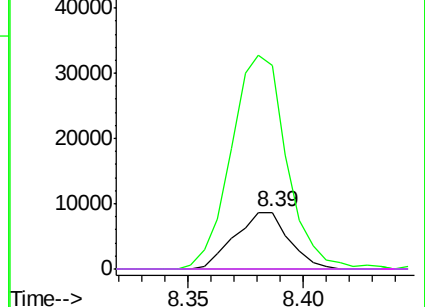


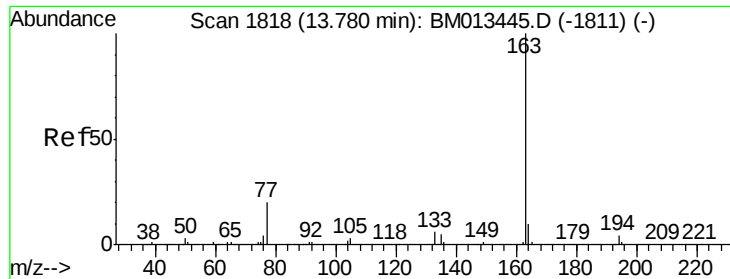
Abundance Ion 70.00 (69.70 to 70.70): BM013445.D (-911) (-)

Ion 42.00 (41.70 to 42.70): BM013445.D (-911) (-)

Ion 101.00 (100.70 to 101.70): BM013445.D (-911) (-)

Ion 130.00 (129.70 to 130.70): BM013445.D (-911) (-)





#44

Dimethylphthalate

Concen: 7.82 ng/ul

RT: 13.78 min Scan# 1818

Delta R.T. -0.00 min

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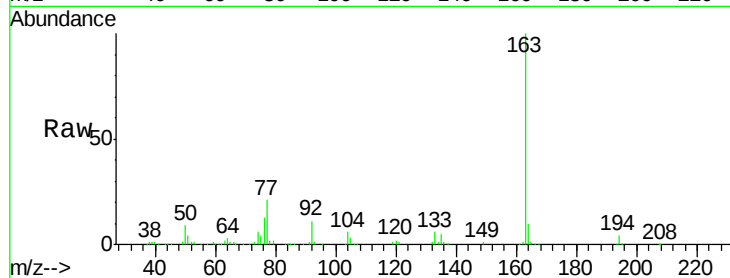
Tgt Ion:163 Resp: 407285

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

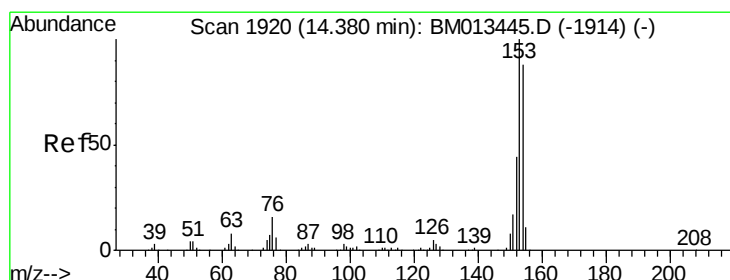
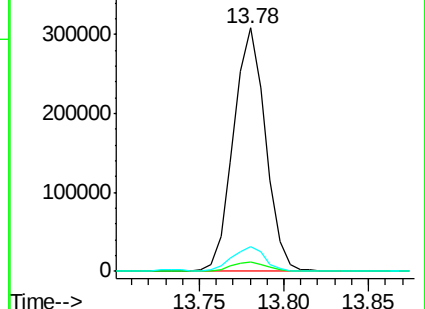
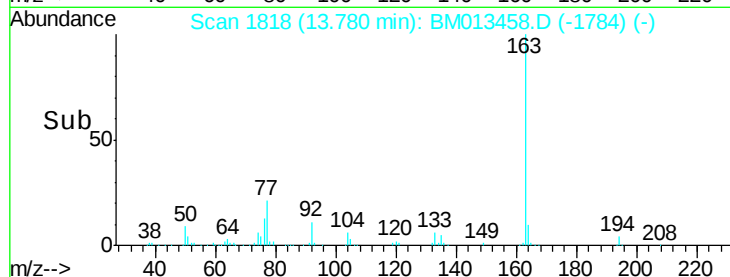
164 10.4 8.2 12.4



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



#49

Acenaphthene

Concen: 1.80 ng/ul

RT: 14.38 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BM013458.D

Acq: 16 Dec 2017 02:53

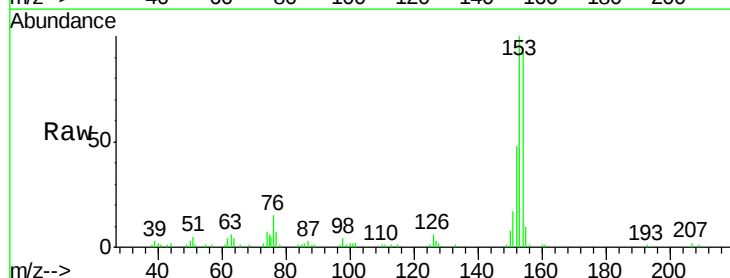
Tgt Ion:153 Resp: 76245

Ion Ratio Lower Upper

153 100

152 47.8 37.6 56.4

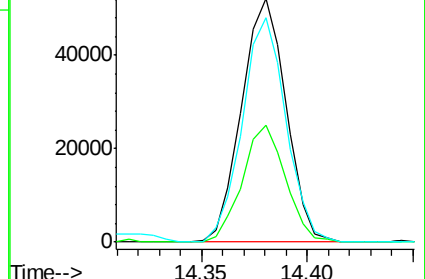
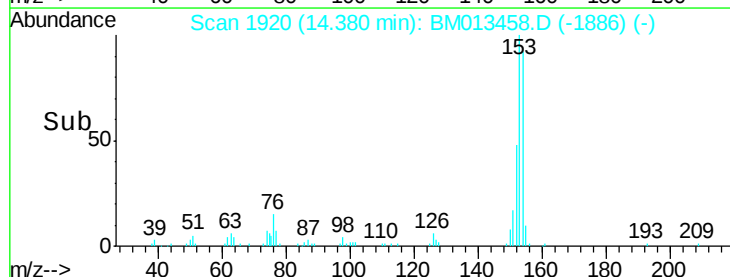
154 92.2 70.4 105.6

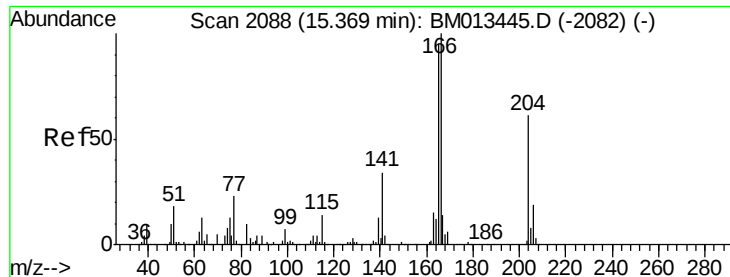


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#58

Fluorene

Concen: 1.87 ng/ul

RT: 15.37 min Scan# 2088

Delta R.T. -0.00 min

Lab File: BM013458.D

Acq: 16 Dec 2017 02:53

Instrument :

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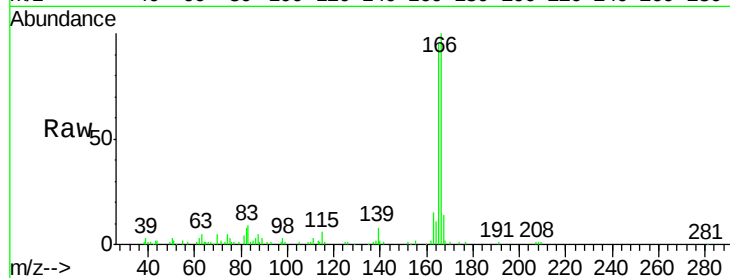
Tgt Ion:166 Resp: 96904

Ion Ratio Lower Upper

166 100

165 95.0 77.9 116.9

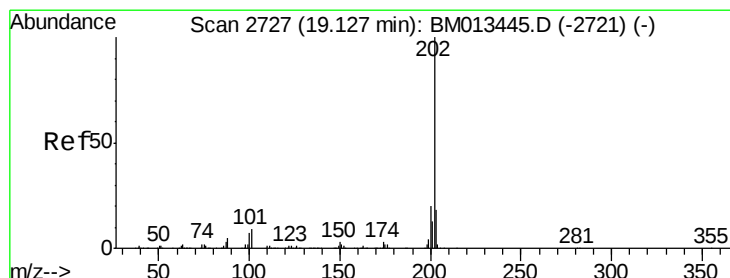
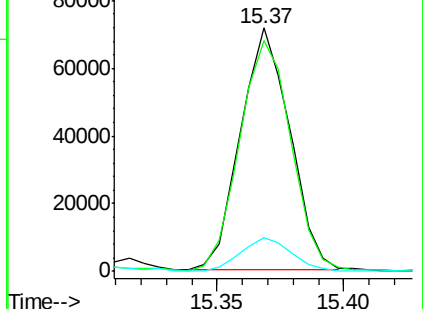
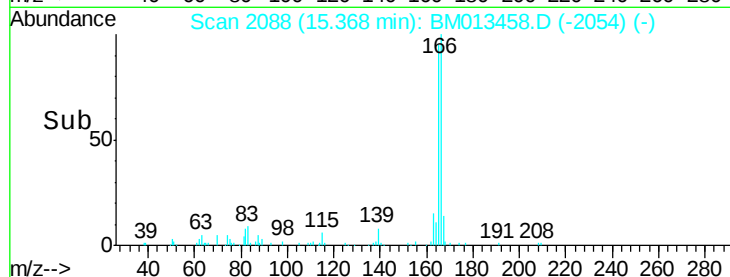
167 13.7 10.6 16.0



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



#74

Fluoranthene

Concen: 6.50 ng/ul

RT: 19.13 min Scan# 2727

Delta R.T. -0.00 min

Lab File: BM013458.D

Acq: 16 Dec 2017 02:53

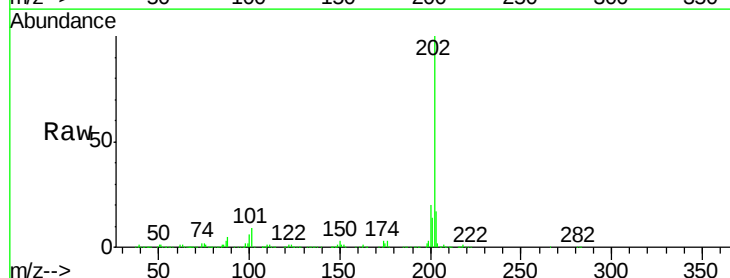
Tgt Ion:202 Resp: 648339

Ion Ratio Lower Upper

202 100

101 9.3 4.6 7.0#

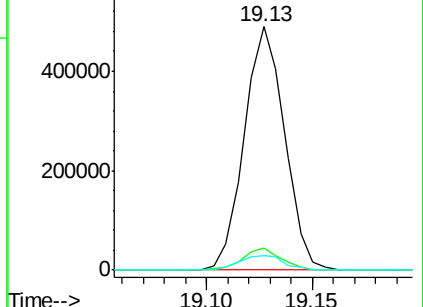
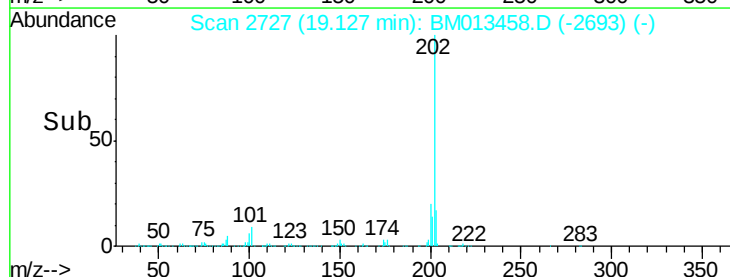
100 6.2 3.4 5.2#

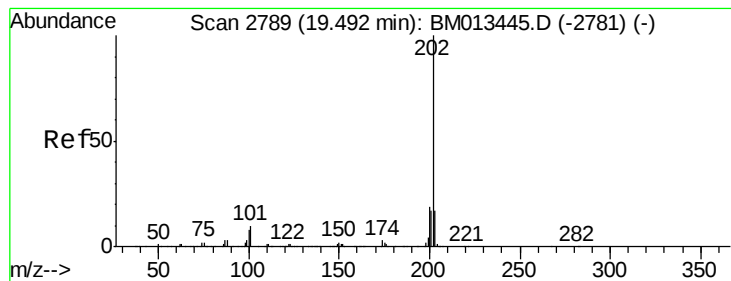


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 5.52 ng/ul

RT: 19.49 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BM013458.D

Acq: 16 Dec 2017 02:53

Instrument :

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ClientSampleId :

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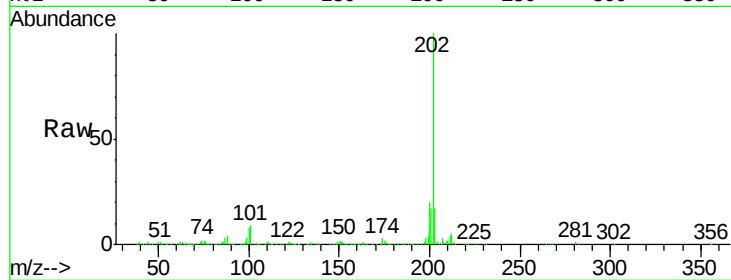
Tgt Ion: 202 Resp: 470217

Ion Ratio Lower Upper

202 100

101 8.9 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

