

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052620\
 Data File : BM026125.D
 Acq On : 26 May 2020 22:28
 Operator : MA/SJ
 Sample : 12737-11DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B21DL

Quant Time: May 27 03:24:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 26 11:15:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	148445	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	610918	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	369386	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	804164	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	868281	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	903202	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	6092	1.24	ng/uL	0.00
5) Phenol-d5	6.69	99	25767	1.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	66056	7.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	61364	5.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	43147	4.25	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	34597	6.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	33960	6.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	62166	6.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	9802	0.98	ng/ul	-0.02
44) Dimethylphthalate-d6	13.56	166	222958	7.53	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	244633	6.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	7184	1.37	ng/ul	0.00
58) Fluorene-d10	15.13	176	192855	7.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	21309	4.54	ng/ul	0.00
71) Anthracene-d10	16.97	188	297786	7.51	ng/ul	0.00
79) Pyrene-d10	19.28	212	335267	7.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	354143	7.37	ng/ul	0.00

Target Compounds

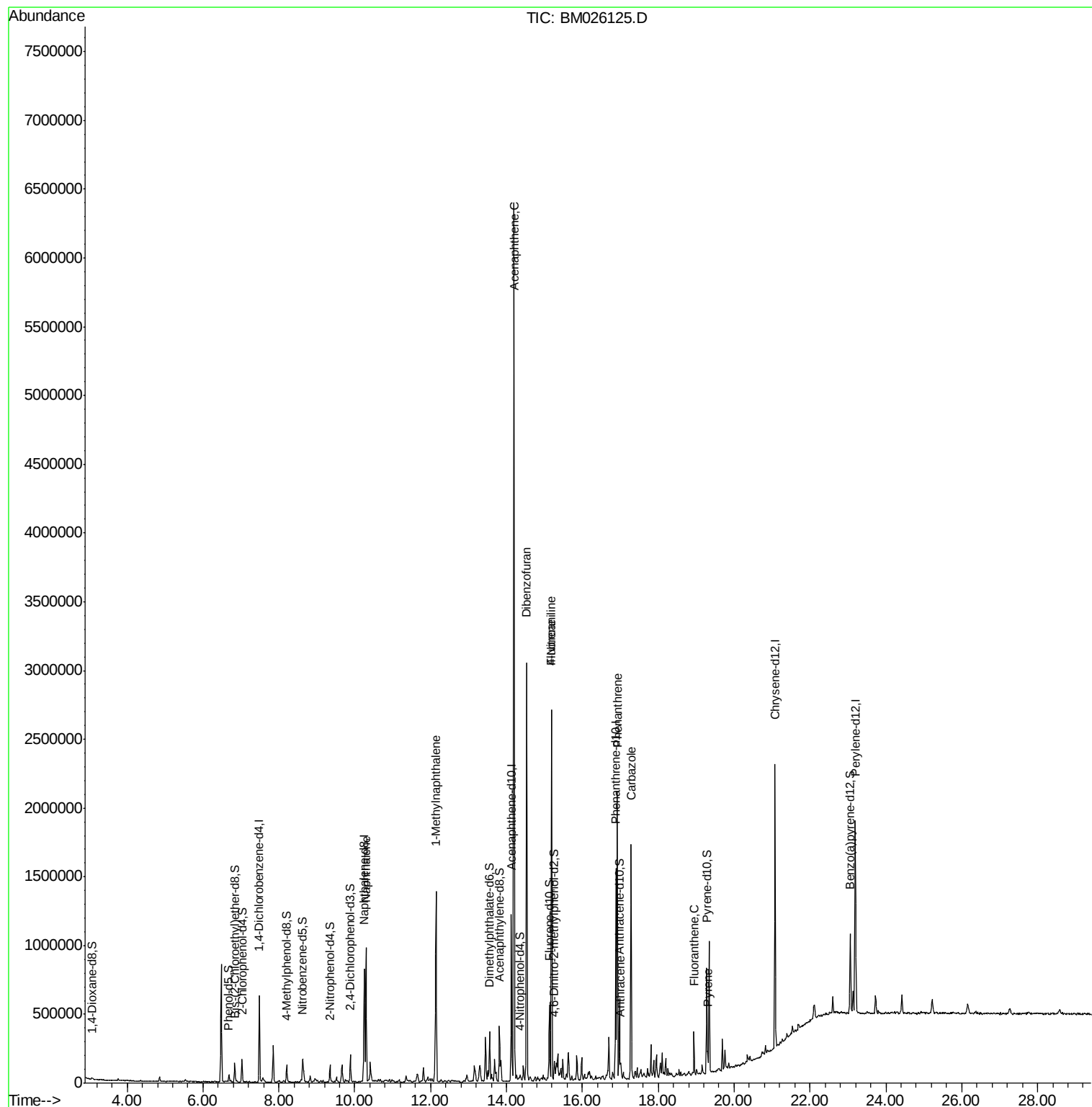
					Ovalue
28) Naphthalene	10.30	128	711622	19.051	ng/ul 100
35) 1-Methylnaphthalene	12.15	142	605301	25.969	ng/ul 100
50) Acenaphthene	14.20	153	2362281	86.938	ng/ul 99
54) Dibenzofuran	14.53	168	1757833	46.034	ng/ul 100
59) Fluorene	15.19	166	1106985	35.837	ng/ul 99
61) 4-Nitroaniline	15.19	138	12458	1.963	ng/ul# 17
70) Phenanthrene	16.92	178	1082053	21.361	ng/ul 100
72) Anthracene	17.01	178	67743	1.333	ng/ul 98
75) Carbazole	17.29	167	954667	22.707	ng/ul 99
77) Fluoranthene	18.94	202	161984	3.049	ng/ul 99
80) Pyrene	19.31	202	86305	1.416	ng/ul 97

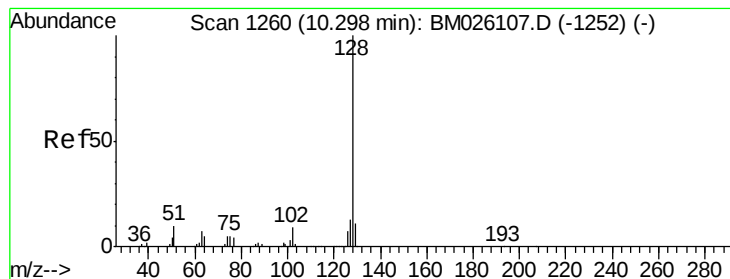
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue May 26 11:15:44 2020
Response via : Initial Calibration





#28

Naphthalene

Concen: 19.051 ng/ul

RT: 10.30 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BM026125.D

Acq: 26 May 2020 22:28

Instrument :

BNA_M

ClientSampleId :

F9B21DL

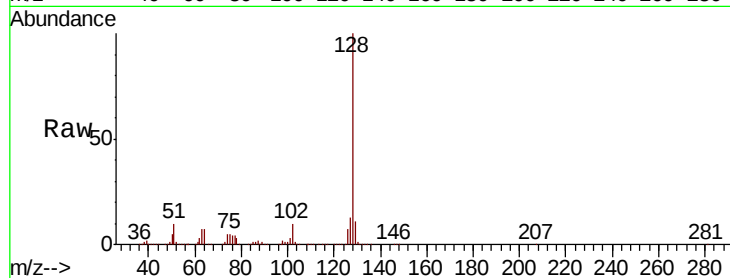
Tot Ion:128 Resp: 711622

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

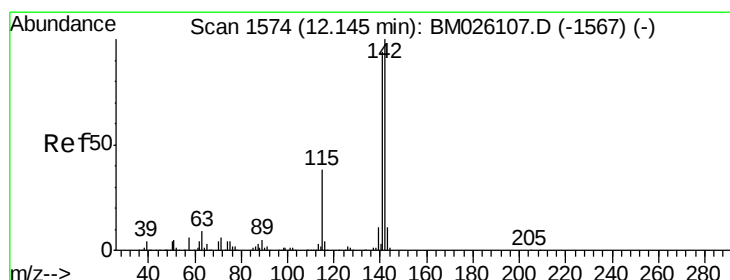
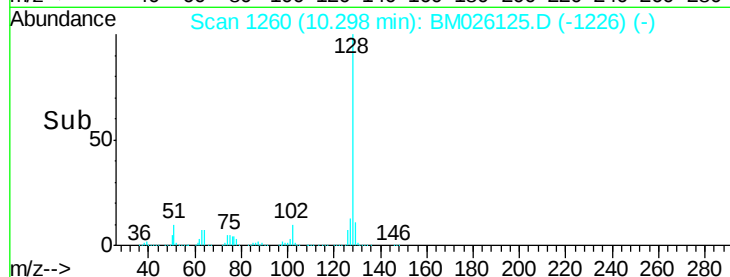
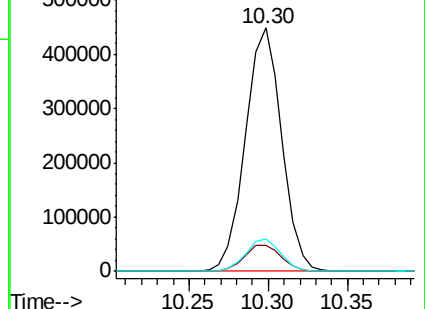
127 13.1 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#35

1-Methylnaphthalene

Concen: 25.969 ng/ul

RT: 12.15 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BM026125.D

Acq: 26 May 2020 22:28

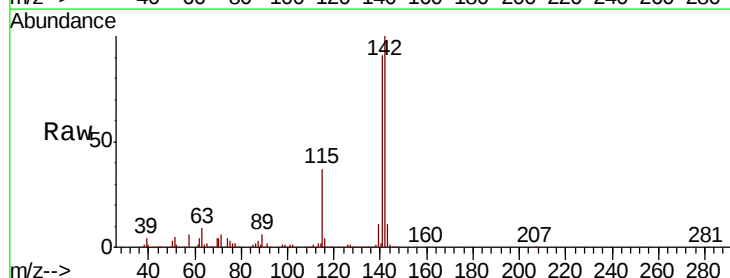
Tgt Ion:142 Resp: 605301

Ion Ratio Lower Upper

142 100

141 91.4 73.0 109.4

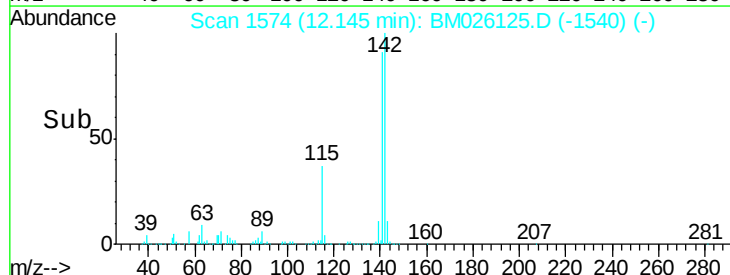
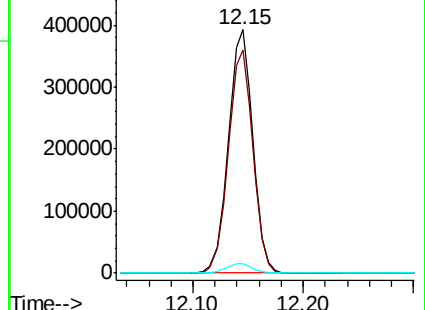
116 4.1 3.3 4.9

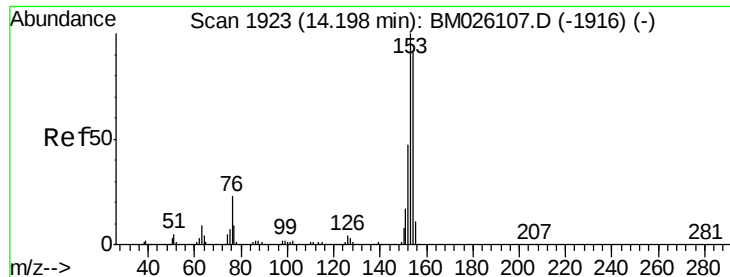


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#50

Acenaphthene

Concen: 86.938 ng/ul

RT: 14.20 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BM026125.D

Acq: 26 May 2020 22:28

Instrument :

BNA_M

ClientSampleId :

F9B21DL

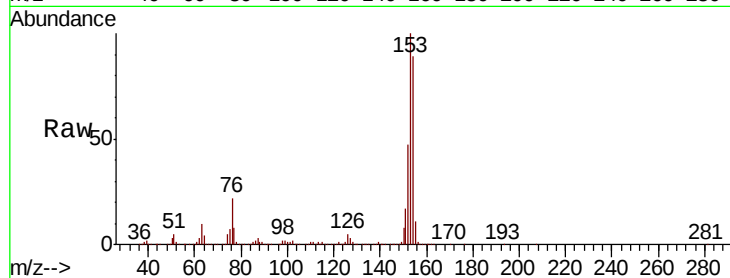
Tot Ion:153 Resp: 2362281

Ion Ratio Lower Upper

153 100

152 46.8 37.2 55.8

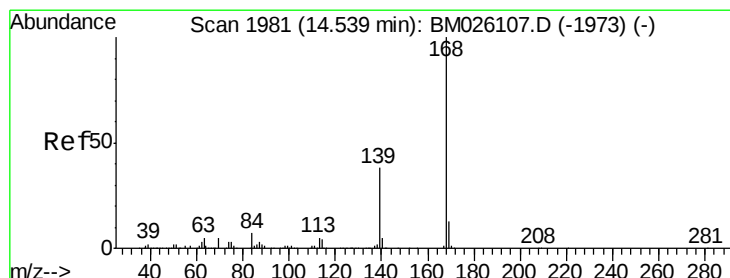
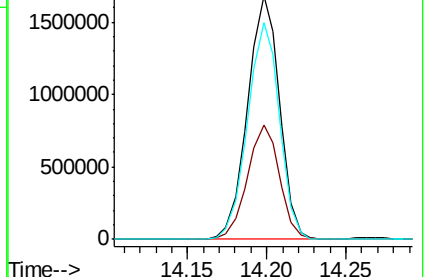
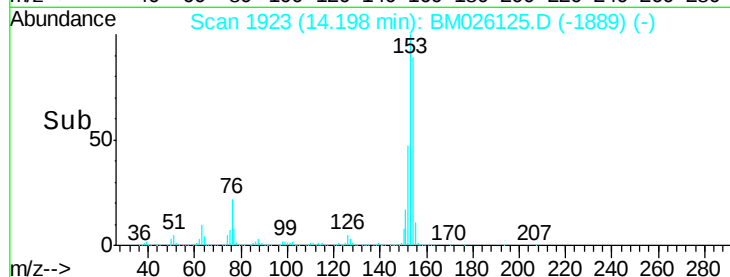
154 88.9 69.8 104.8



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



#54

Dibenzofuran

Concen: 46.034 ng/ul

RT: 14.53 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BM026125.D

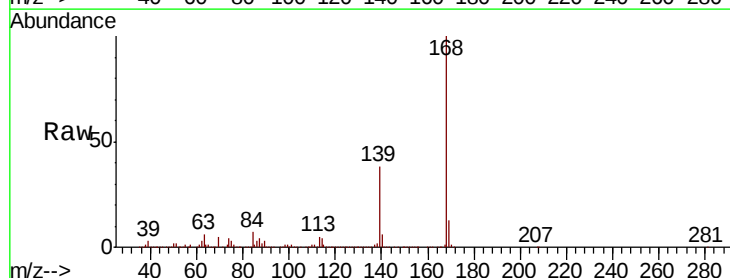
Acq: 26 May 2020 22:28

Tgt Ion:168 Resp: 1757833

Ion Ratio Lower Upper

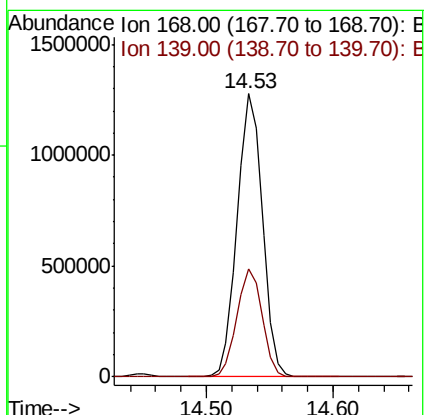
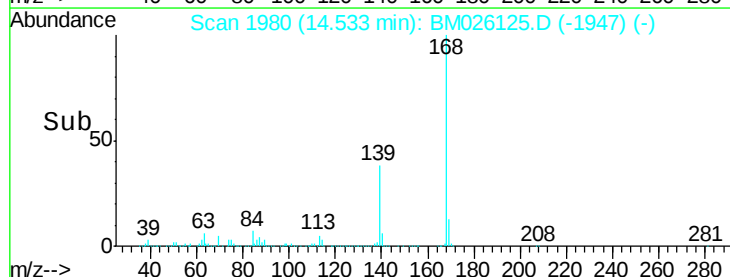
168 100

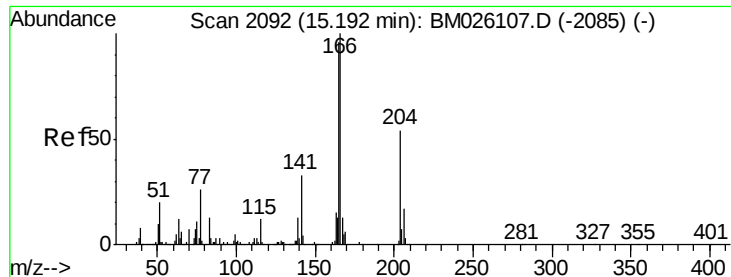
139 38.2 30.7 46.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 35.837 ng/ul

RT: 15.19 min Scan# 2091

Delta R.T. -0.01 min

Lab File: BM026125.D

Acq: 26 May 2020 22:28

Instrument :

BNA_M

ClientSampled :

F9B21DL

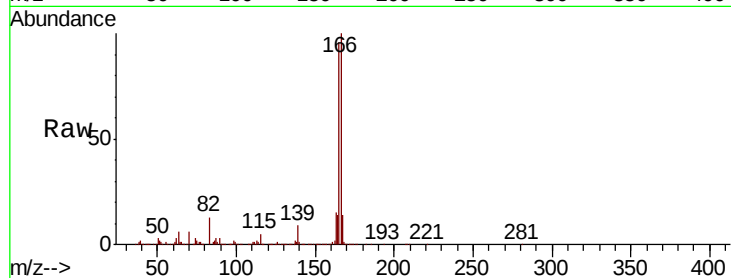
Tot Ion:166 Resp: 1106985

Ion Ratio Lower Upper

166 100

165 95.6 77.3 115.9

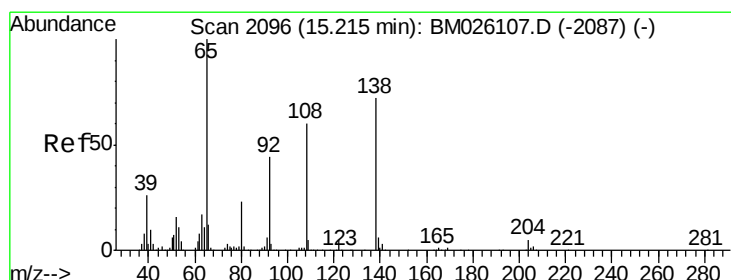
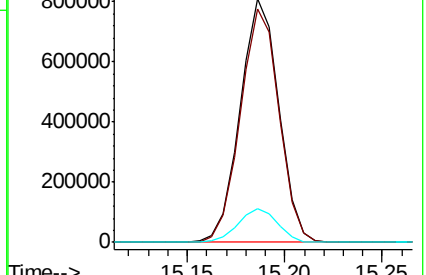
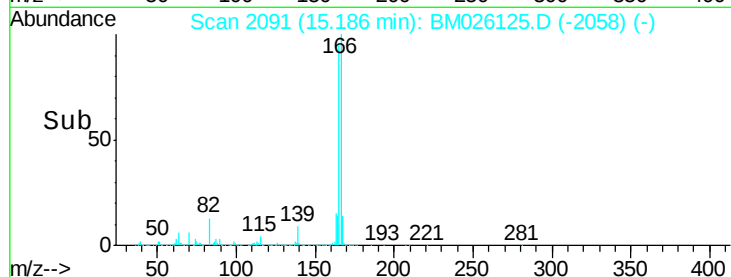
167 13.6 10.6 16.0



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



#61

4-Nitroaniline

Concen: 1.963 ng/ul

RT: 15.19 min Scan# 2091

Delta R.T. -0.03 min

Lab File: BM026125.D

Acq: 26 May 2020 22:28

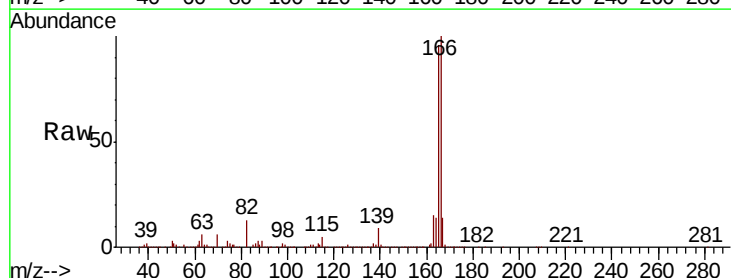
Tgt Ion:138 Resp: 12458

Ion Ratio Lower Upper

138 100

92 2.8 49.4 74.2#

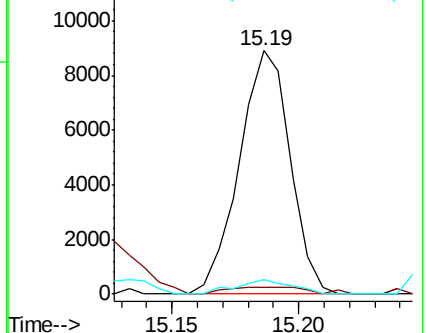
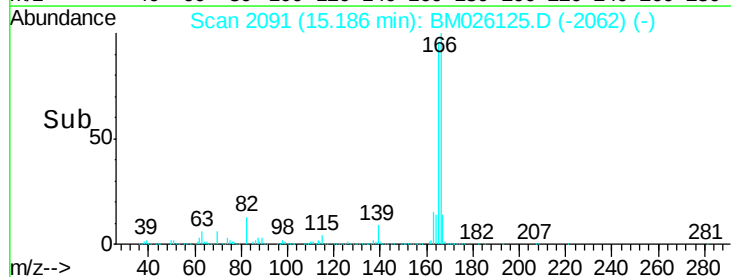
108 6.1 68.3 102.5#

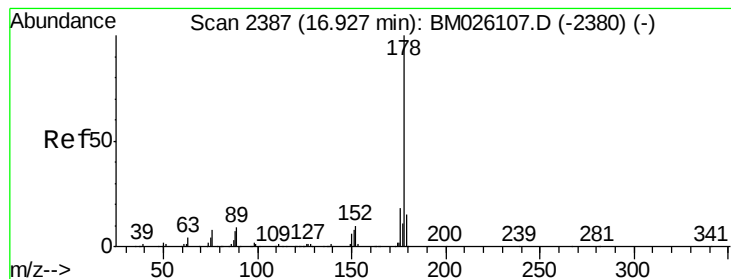


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E





#70

Phenanthrene

Concen: 21.361 ng/ul

RT: 16.92 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BM026125.D

Acq: 26 May 2020 22:28

Instrument :

BNA_M

ClientSampled :

F9B21DL

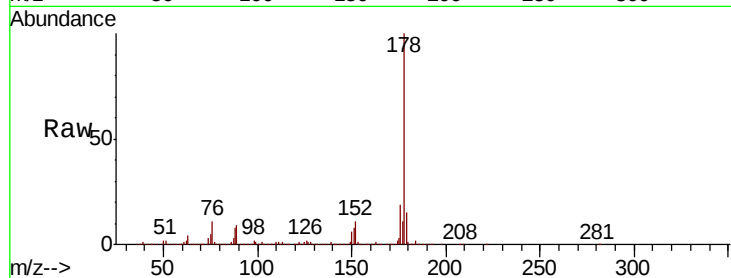
Tot Ion:178 Resp: 1082053

Ion Ratio Lower Upper

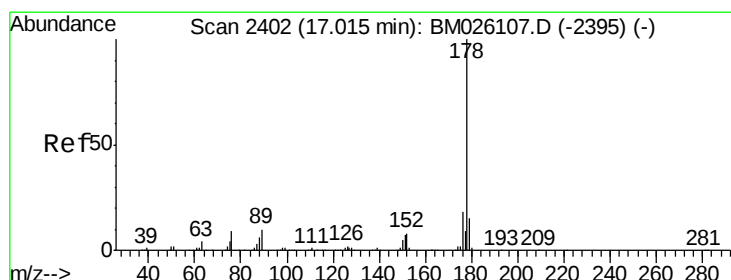
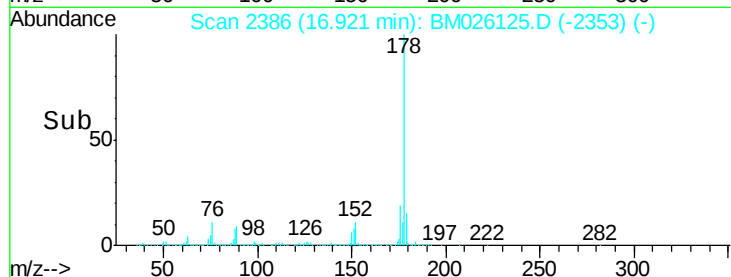
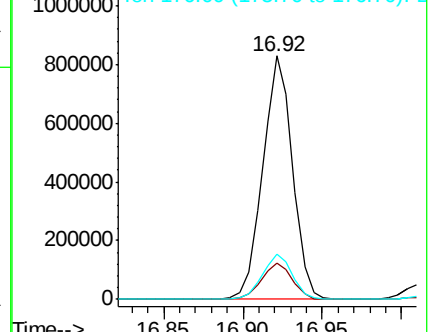
178 100

179 14.9 11.9 17.9

176 18.6 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



#72

Anthracene

Concen: 1.333 ng/ul

RT: 17.01 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BM026125.D

Acq: 26 May 2020 22:28

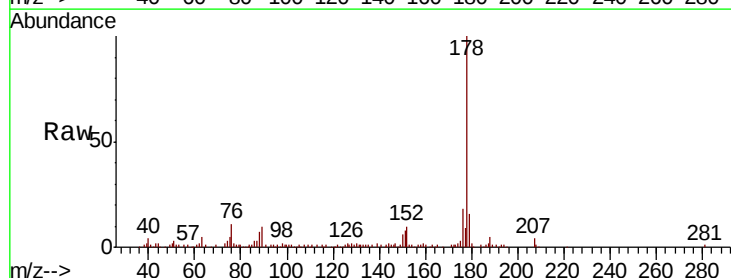
Tgt Ion:178 Resp: 67743

Ion Ratio Lower Upper

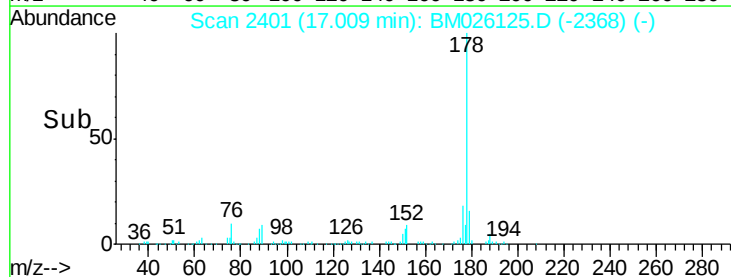
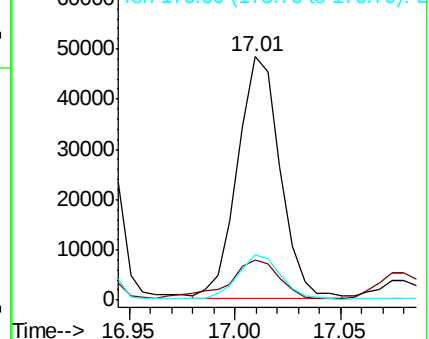
178 100

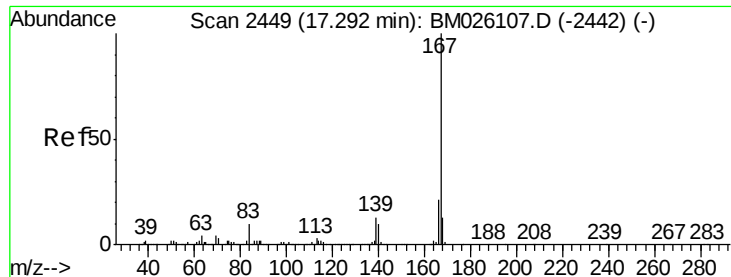
179 16.5 12.2 18.4

176 18.4 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





#75

Carbazole

Concen: 22.707 ng/ul

RT: 17.29 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BM026125.D

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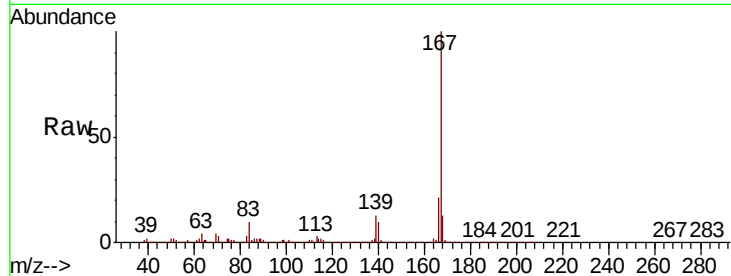
Tot Ion:167 Resp: 954667

Ion Ratio Lower Upper

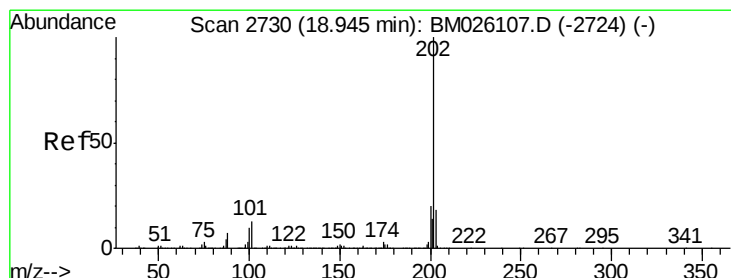
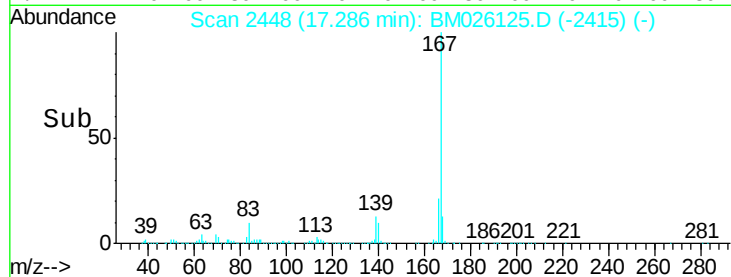
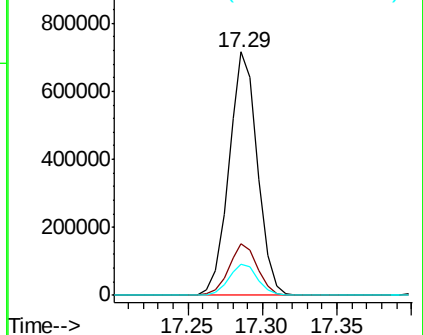
167 100

166 21.3 16.6 25.0

139 12.8 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#77

Fluoranthene

Concen: 3.049 ng/ul

RT: 18.94 min Scan# 2730

Delta R.T. -0.00 min

Lab File: BM026125.D

Acq: 26 May 2020 22:28

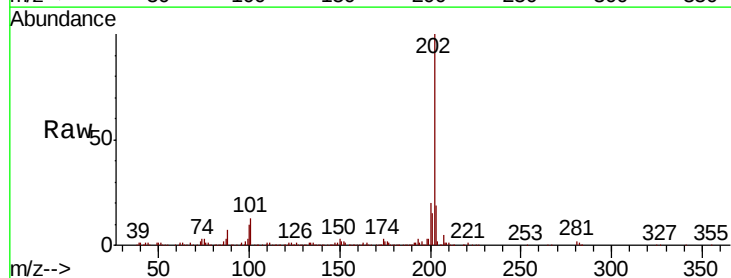
Tgt Ion:202 Resp: 161984

Ion Ratio Lower Upper

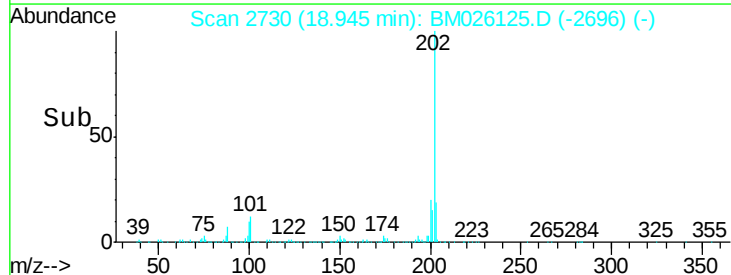
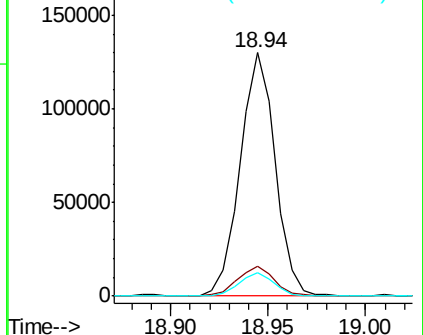
202 100

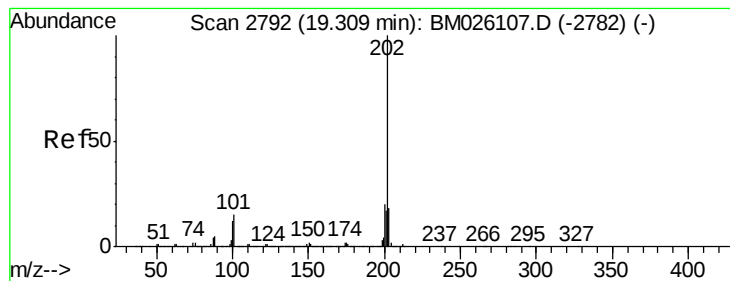
101 12.5 9.5 14.3

100 9.6 7.6 11.4



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
 Pvrene
 Concen: 1.416 ng/ul
 RT: 19.31 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BM026125.D
 Acq: 26 May 2020 22:28

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	12.2	18.4
100	12.2	10.2	15.4

