

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
 Data File : BM026126.D
 Acq On : 26 May 2020 23:05
 Operator : MA/SJ
 Sample : L2756-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETKX1

Quant Time: May 27 05:49:43 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	154956	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	637622	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	380865	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	802190	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	847661	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	881377	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	22635	4.41	ng/uL	0.00
5) Phenol-d5	6.68	99	78638	5.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	251276	25.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	228387	20.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	145340	13.72	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	145079	27.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	151728	29.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	259581	25.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	30016	2.87	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	951301	31.15	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	1042641	28.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	28430	5.26	ng/ul	0.00
58) Fluorene-d10	15.13	176	802902	30.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	139259	29.77	ng/ul	0.00
71) Anthracene-d10	16.98	188	1365291	34.54	ng/ul	0.00
79) Pyrene-d10	19.28	212	1567263	35.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1617835	34.49	ng/ul	0.00

Target Compounds

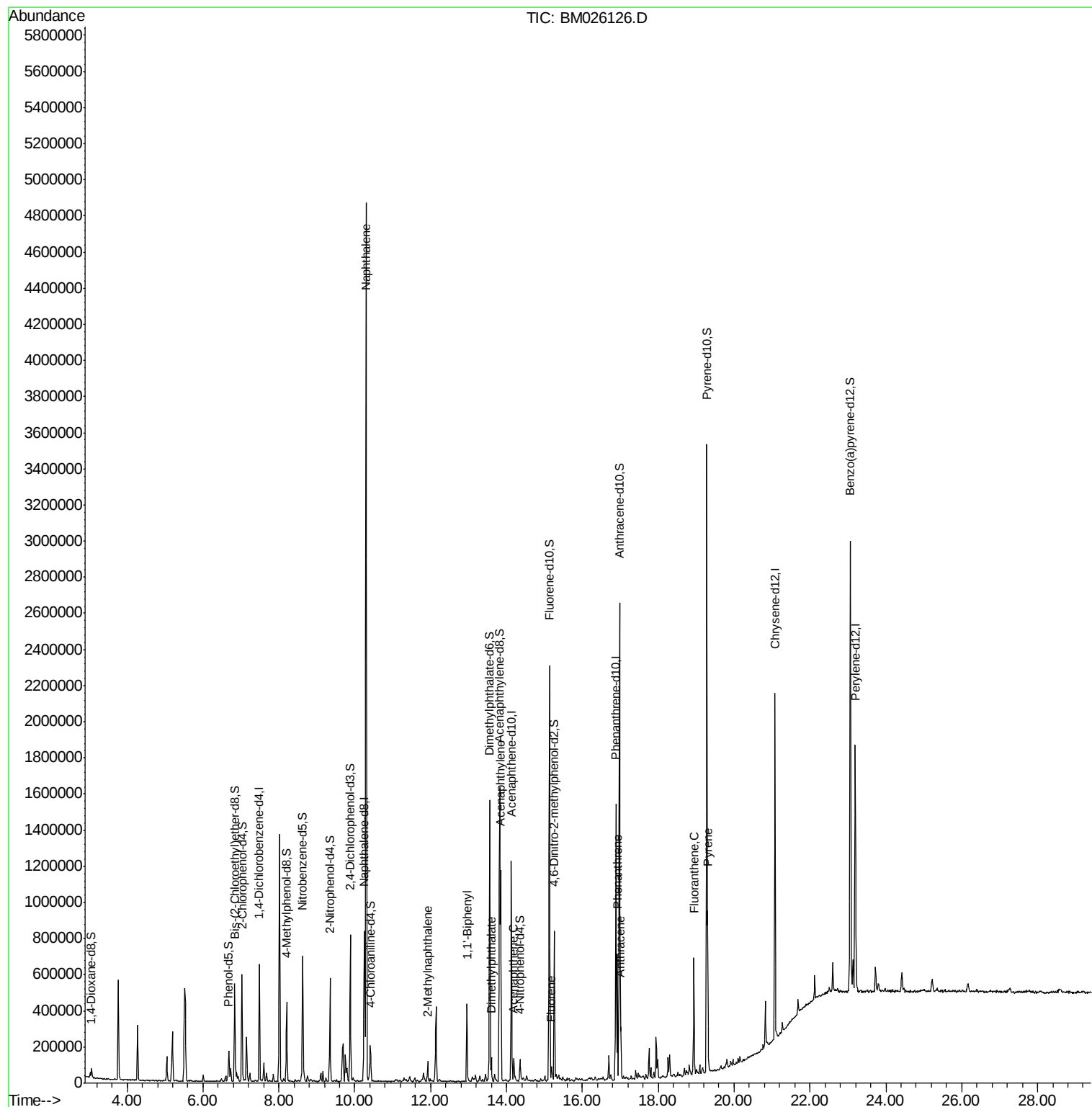
						Qvalue
28) Naphthalene	10.30	128	3557375	91.25	ng/ul	99
34) 2-Methylnaphthalene	11.92	142	50000	1.91	ng/ul	98
41) 1,1'-Biphenyl	12.96	154	204015	6.04	ng/ul	99
45) Dimethylphthalate	13.60	163	72196	2.25	ng/ul#	98
48) Acenaphthylene	13.84	152	722915	18.20	ng/ul	99
50) Acenaphthene	14.19	153	48310	1.72	ng/ul	97
59) Fluorene	15.19	166	35034	1.10	ng/ul	94
70) Phenanthrene	16.92	178	374805	7.42	ng/ul	99
72) Anthracene	17.01	178	170830	3.37	ng/ul	98
77) Fluoranthene	18.94	202	344381	6.50	ng/ul	98
80) Pyrene	19.31	202	490342	8.24	ng/ul	97

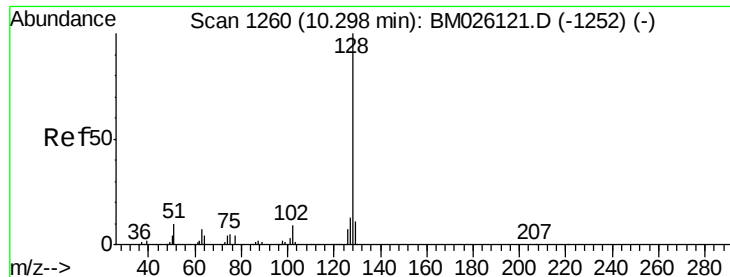
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 91.25 ng/ul

RT: 10.30 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BM026126.D

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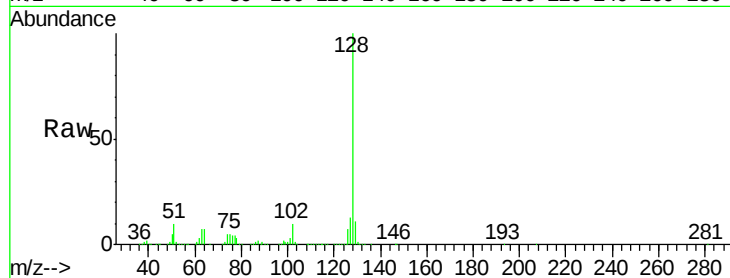
Tgt Ion:128 Resp: 3557375

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.4

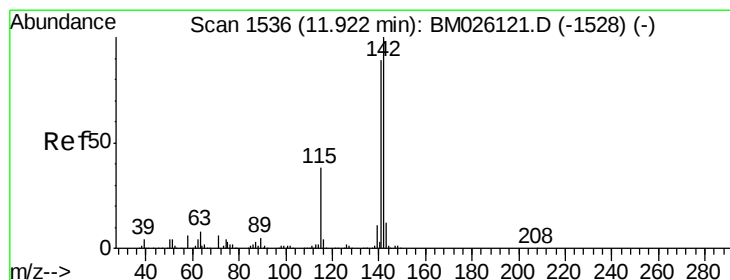
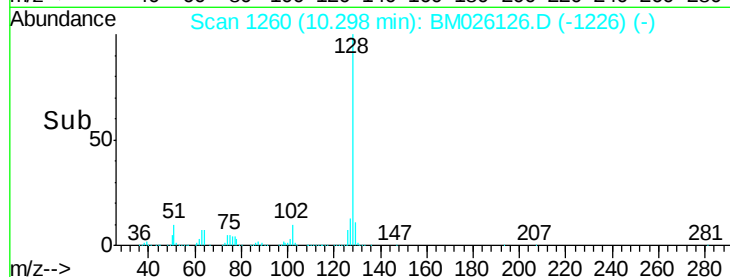
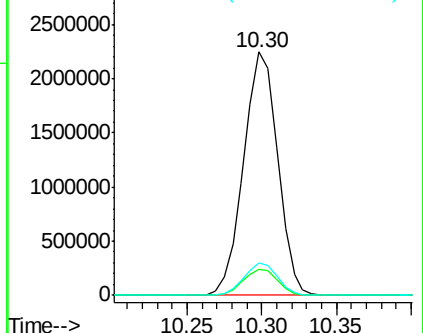
127 13.1 10.6 15.8



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



#34

2-Methylnaphthalene

Concen: 1.91 ng/ul

RT: 11.92 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BM026126.D

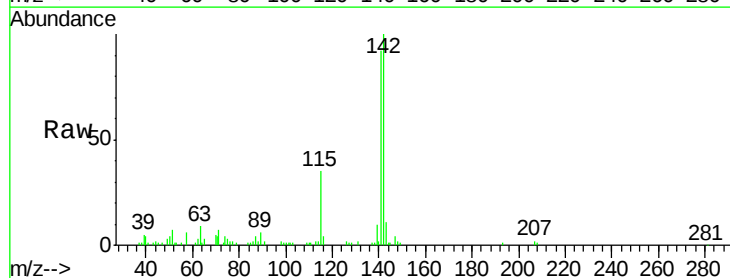
Acq: 26 May 2020 23:05

Tgt Ion:142 Resp: 50000

Ion Ratio Lower Upper

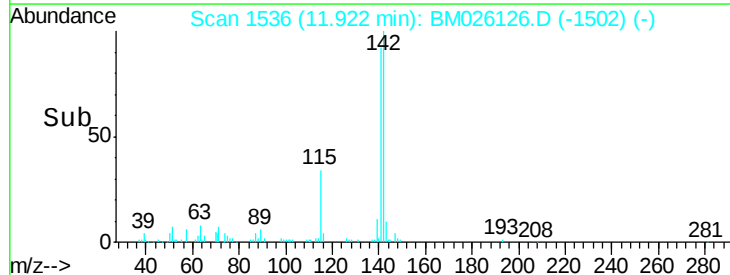
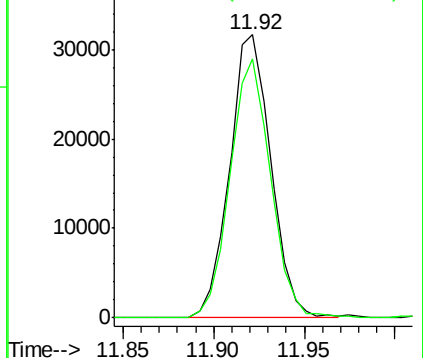
142 100

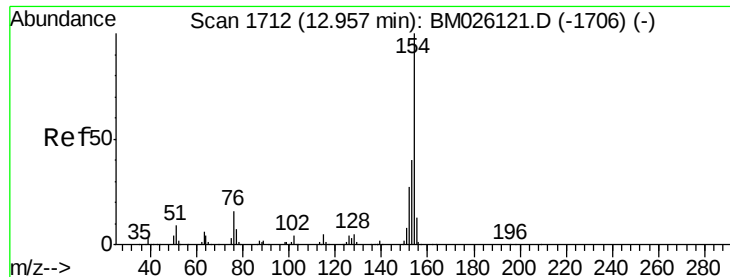
141 91.6 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

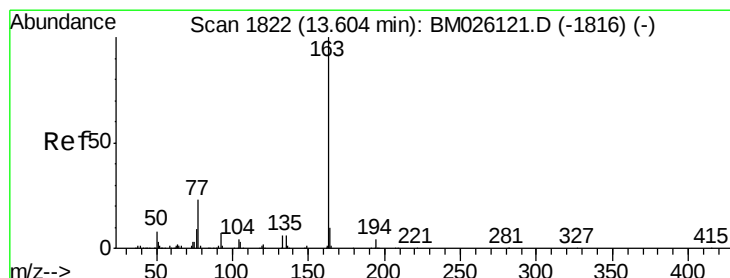
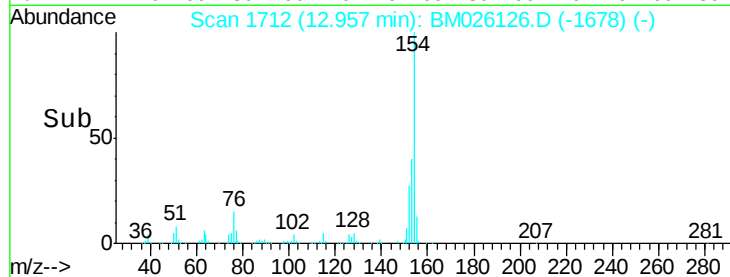
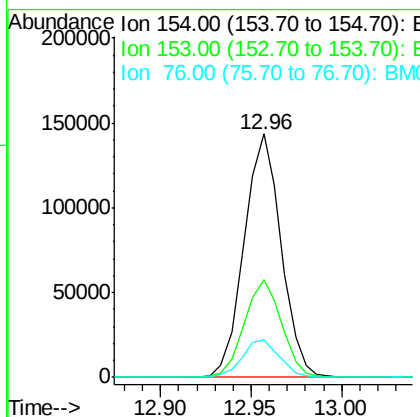
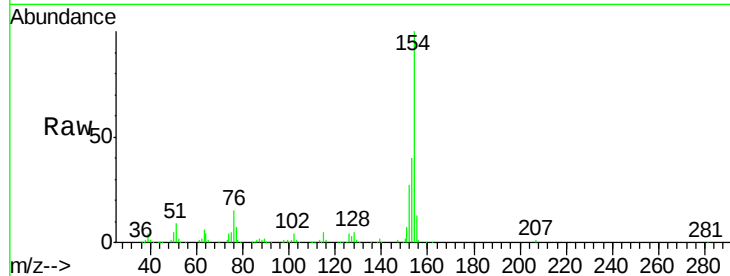




#41
1,1'-Biphenyl
Concen: 6.04 ng/ul
RT: 12.96 min Scan# 1712
Delta R.T. -0.00 min
Lab File: BM026126.D
Acq: 26 May 2020 23:05

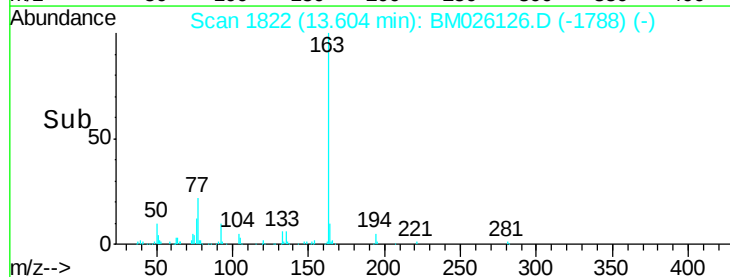
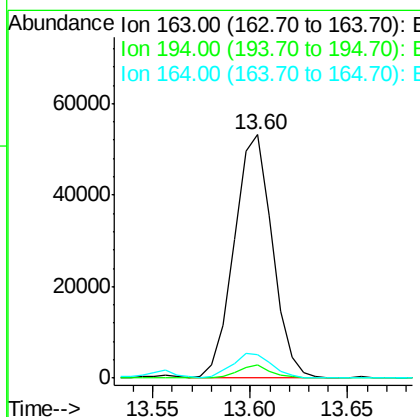
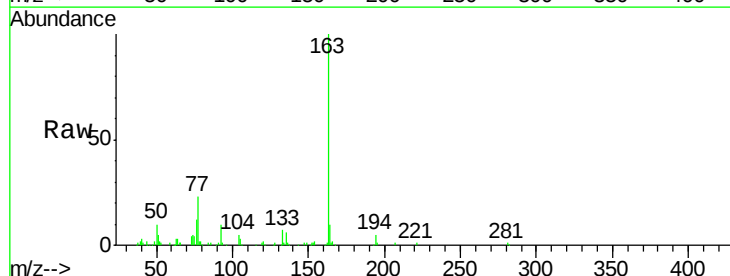
Instrument :
BNA_M
ClientSampleId :
ETKX1

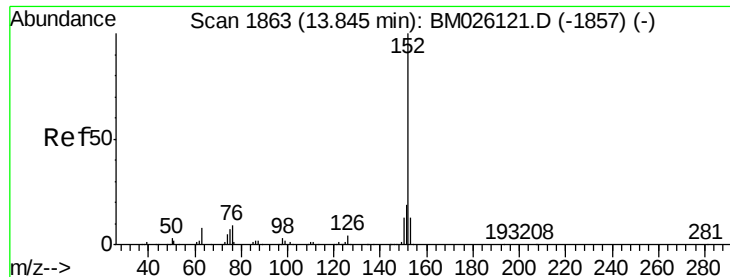
Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	32.3	48.5
76	15.2	13.0	19.6



#45
Dimethylphthalate
Concen: 2.25 ng/ul
RT: 13.60 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BM026126.D
Acq: 26 May 2020 23:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.2	4.8#
164	9.6	8.0	12.0





#48

Acenaphthylene

Concen: 18.20 ng/ul

RT: 13.84 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BM026126.D

Acq: 26 May 2020 23:05

Instrument :

BNA_M

ClientSampleId :

ETKX1

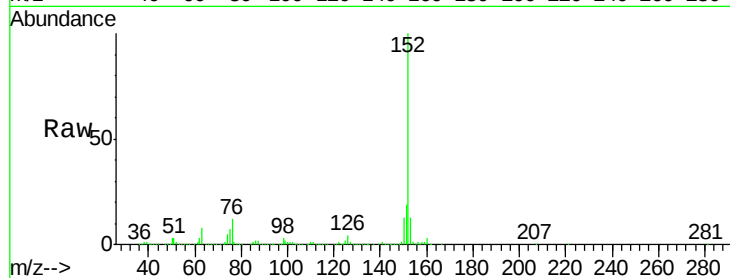
Tgt Ion:152 Resp: 722915

Ion Ratio Lower Upper

152 100

151 19.1 15.7 23.5

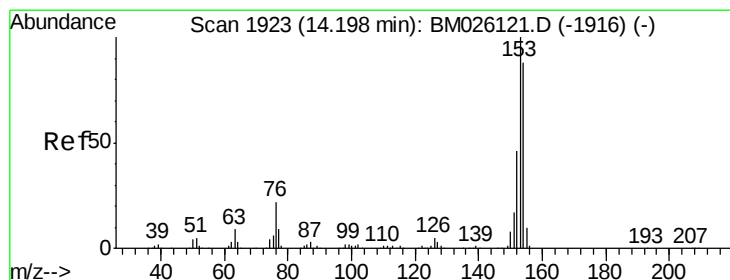
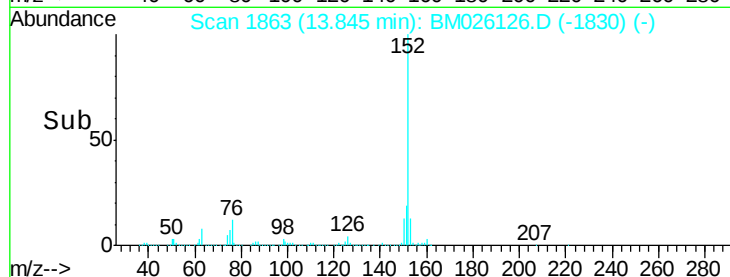
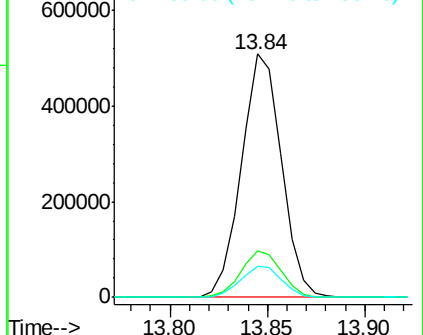
153 13.0 10.2 15.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Acenaphthene

Concen: 1.72 ng/ul

RT: 14.19 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BM026126.D

Acq: 26 May 2020 23:05

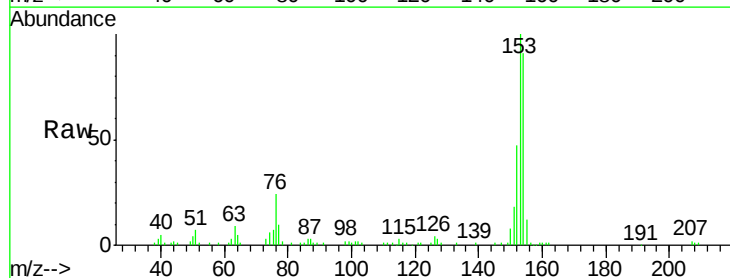
Tgt Ion:153 Resp: 48310

Ion Ratio Lower Upper

153 100

152 47.3 37.2 55.8

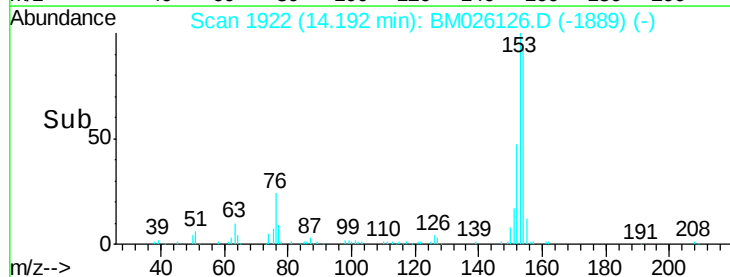
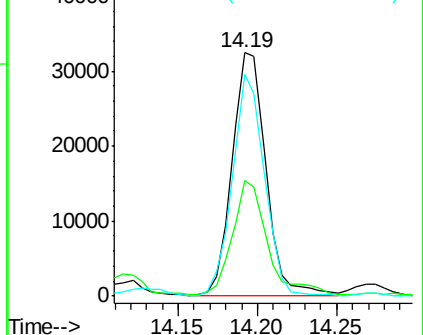
154 91.3 69.8 104.8

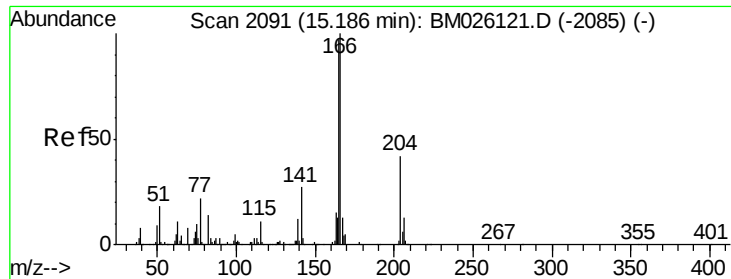


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

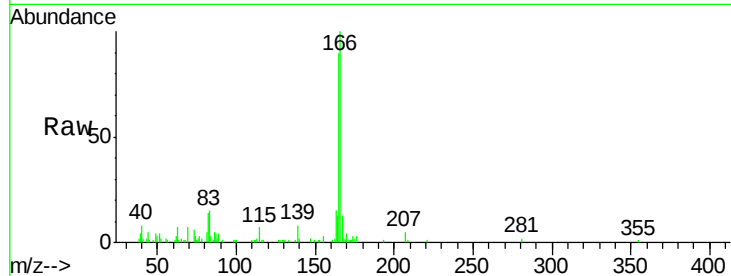




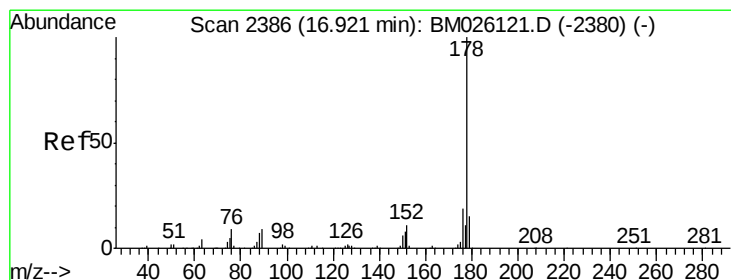
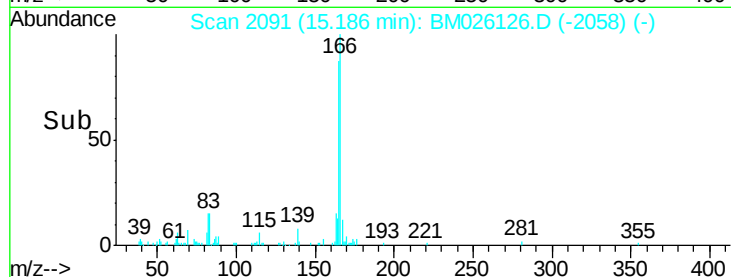
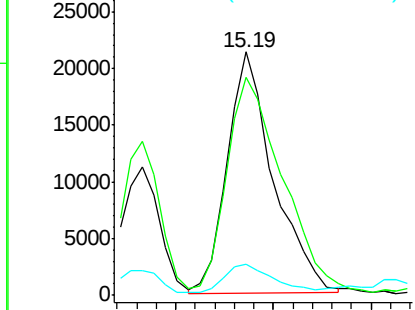
#59
 Fluorene
 Concen: 1.10 ng/ul
 RT: 15.19 min Scan# 2091
 Delta R.T. -0.01 min
 Lab File: BM026126.D
 Acq: 26 May 2020 23:05

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 BNA_M
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Tgt Ion:166 Resp: 35034
 Ion Ratio Lower Upper
 166 100
 165 89.7 77.3 115.9
 167 12.7 10.6 16.0

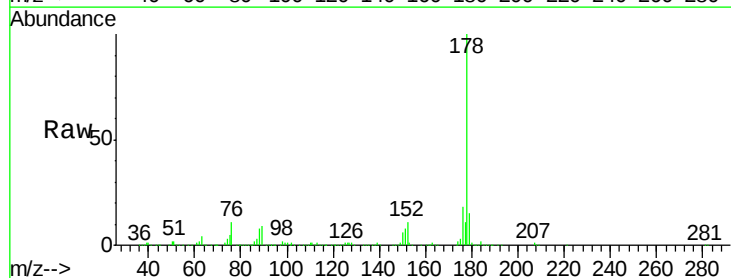


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

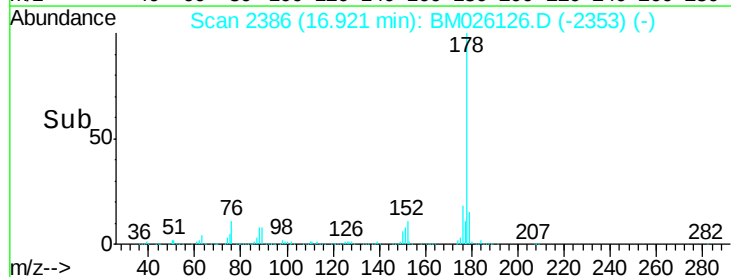
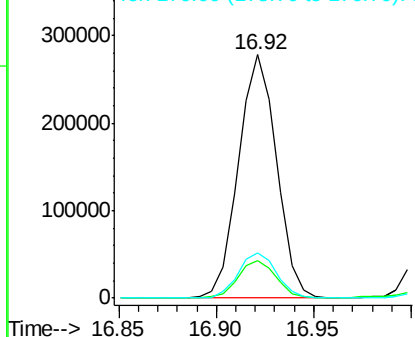


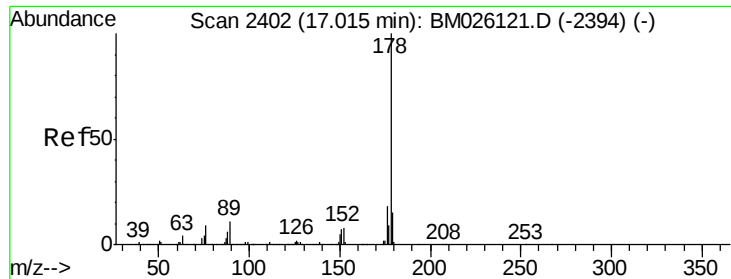
#70
 Phenanthrene
 Concen: 7.42 ng/ul
 RT: 16.92 min Scan# 2386
 Delta R.T. -0.01 min
 Lab File: BM026126.D
 Acq: 26 May 2020 23:05

Tgt Ion:178 Resp: 374805
 Ion Ratio Lower Upper
 178 100
 179 15.4 11.9 17.9
 176 18.5 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: 3.37 ng/ul

RT: 17.01 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BM026126.D

Acq: 26 May 2020 23:05

Instrument :

BNA_M

ClientSampleId :

ETKX1

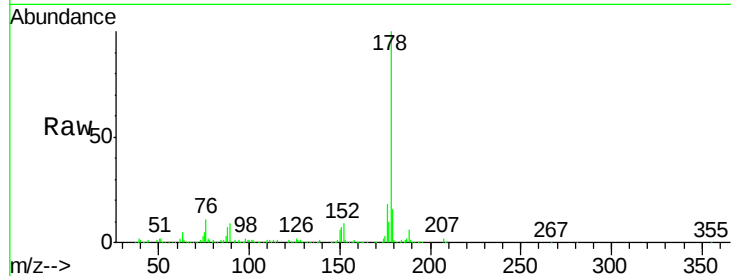
Tgt Ion:178 Resp: 170830

Ion Ratio Lower Upper

178 100

179 16.0 12.2 18.4

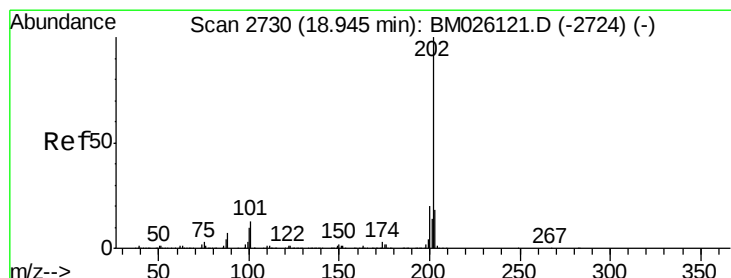
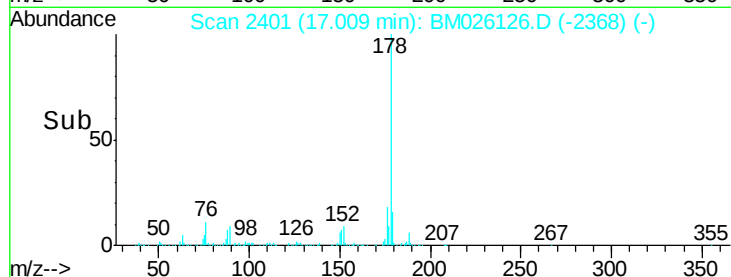
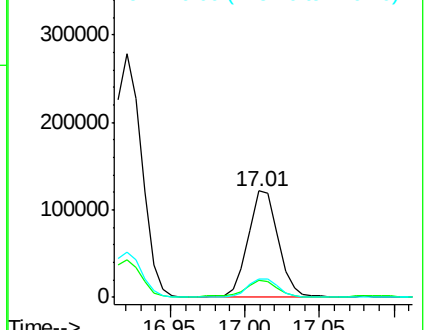
176 17.8 14.9 22.3



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



#77

Fluoranthene

Concen: 6.50 ng/ul

RT: 18.94 min Scan# 2730

Delta R.T. -0.00 min

Lab File: BM026126.D

Acq: 26 May 2020 23:05

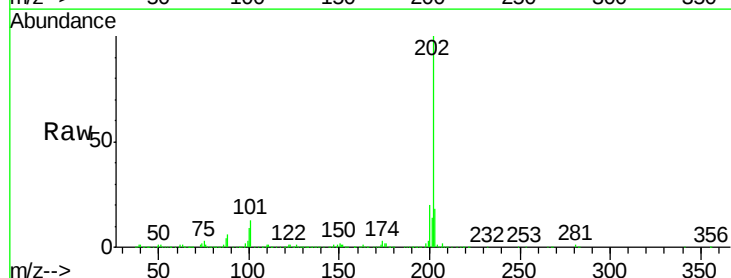
Tgt Ion:202 Resp: 344381

Ion Ratio Lower Upper

202 100

101 12.5 9.5 14.3

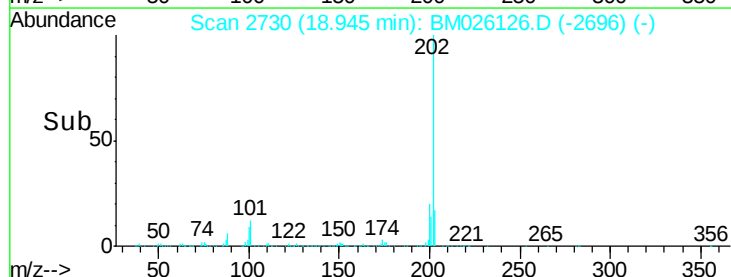
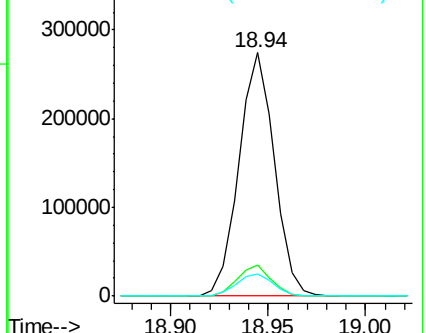
100 9.0 7.6 11.4

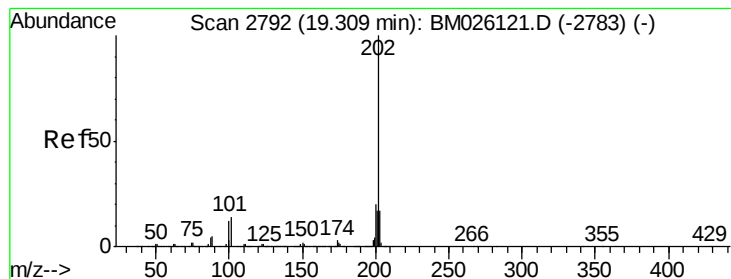


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80
 Pyrene
 Concen: 8.24 ng/ul
 RT: 19.31 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BM026126.D
 Acq: 26 May 2020 23:05

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Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	12.2	18.4
100	11.6	10.2	15.4

