

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
 Data File : BM022267.D
 Acq On : 23 Aug 2019 21:53
 Operator : HP/JU
 Sample : K4337-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB6

Quant Time: Aug 27 04:42:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 24 01:09:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	32970	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	148668	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	108869	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	265182	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	308758	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	288647	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	392	0.53	ng/uL	0.01
5) Phenol-d5	6.76	99	13999	4.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	39483	23.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	46056	20.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	31315	12.70	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	29579	26.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	35341	27.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	66618	25.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	6747	2.11	ng/ul	0.02
43) Dimethylphthalate-d6	13.65	166	304199	31.73	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	313503	30.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	8459	5.96	ng/ul	0.02
57) Fluorene-d10	15.22	176	257845	32.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	49779	24.33	ng/ul	0.00
70) Anthracene-d10	17.07	188	465060	33.12	ng/ul	0.00
78) Pyrene-d10	19.38	212	608381	37.91	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	552963	34.87	ng/ul	0.00

Target Compounds

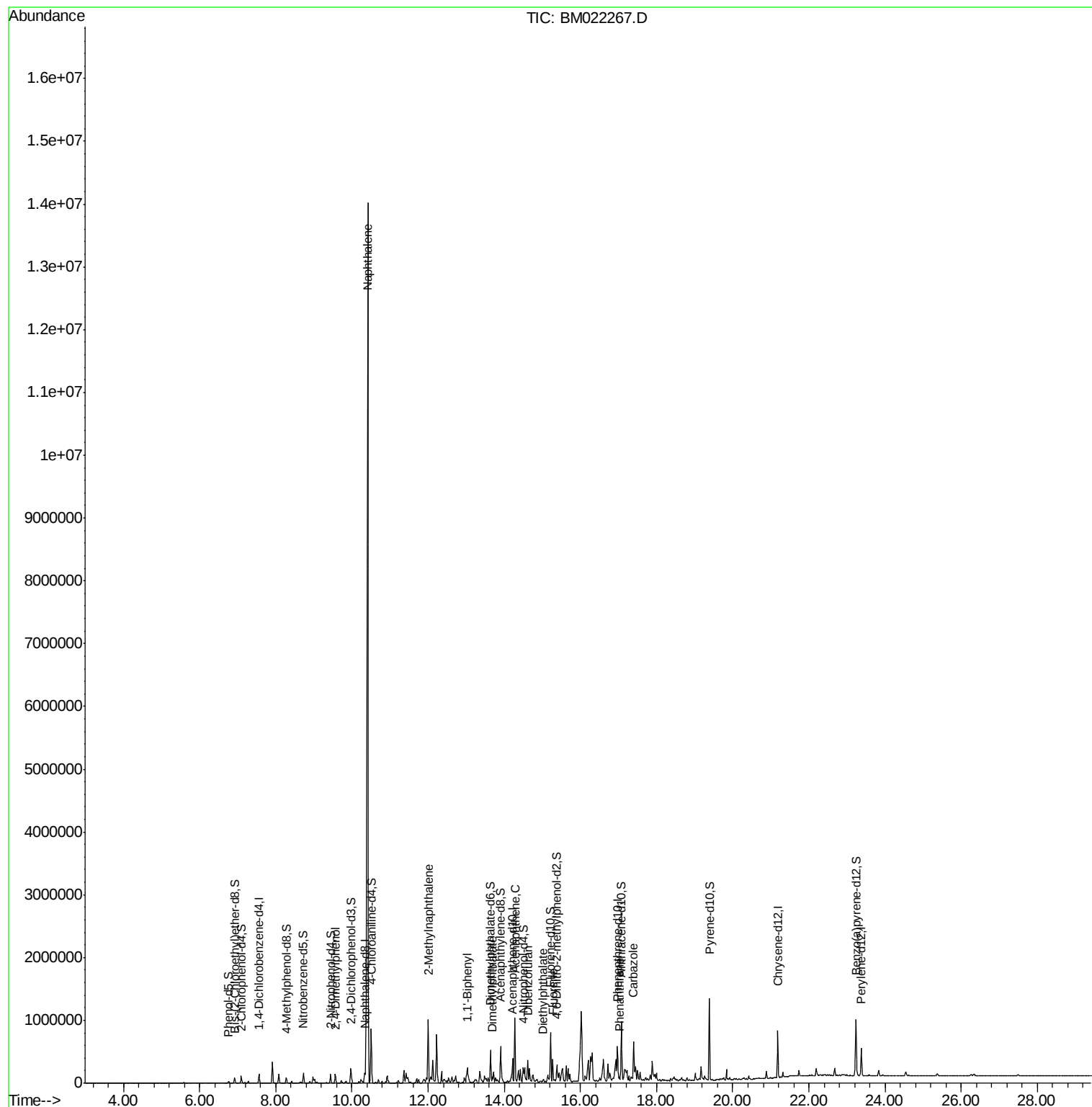
					Ovalue	
24) 2,4-Dimethylphenol	9.56	107	40550	12.202	ng/ul	92
28) Naphthalene	10.42	128	11702747	1426.392	ng/ul	97
34) 2-Methylnaphthalene	12.00	142	379193	59.986	ng/ul	95
40) 1,1'-Biphenyl	13.03	154	73341	8.278	ng/ul	99
44) Dimethylphthalate	13.69	163	45023	4.615	ng/ul	99
49) Acenaphthene	14.28	153	361753	47.583	ng/ul	99
53) Dibenzofuran	14.62	168	158915	14.034	ng/ul	98
56) Diethylphthalate	15.02	149	15258	1.458	ng/ul#	71
58) Fluorene	15.27	166	125952	13.206	ng/ul	99
69) Phenanthrene	17.02	178	23269	1.467	ng/ul	95
74) Carbazole	17.40	167	302318	20.275	ng/ul	99

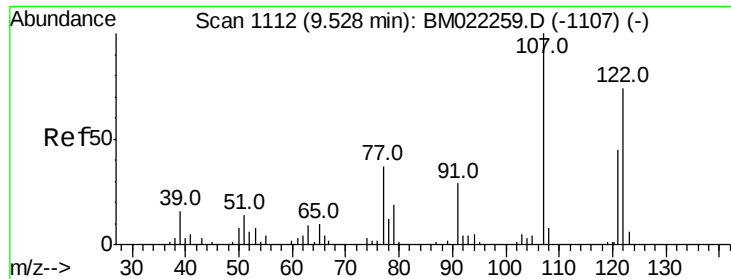
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#24

2,4-Dimethylphenol

Concen: 12.202 ng/ul

RT: 9.56 min Scan# 1118

Delta R.T. 0.04 min

Lab File: BM022267.D

Acq: 23 Aug 2019 21:53

Instrument :

BNA_M

ClientSampleId :

C0AB6

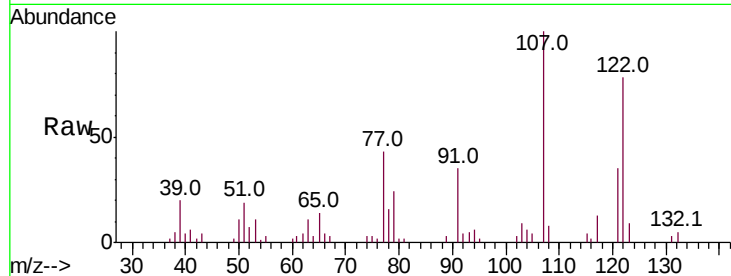
Tot Ion:107 Resp: 40550

Ion Ratio Lower Upper

107 100

121 34.9 33.6 50.4

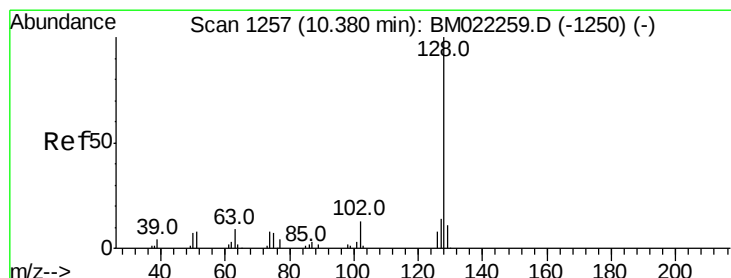
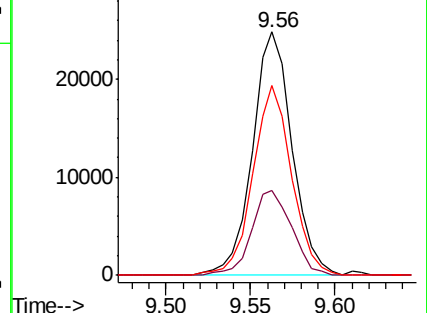
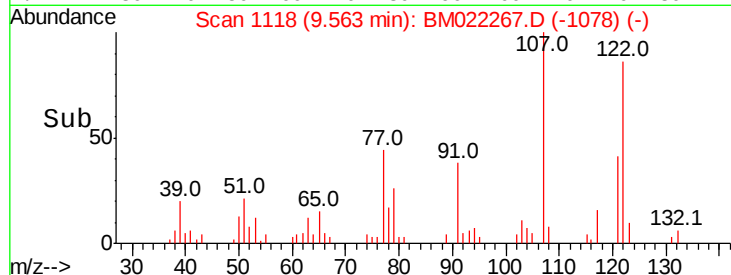
122 78.1 58.0 87.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#28

Naphthalene

Concen: 1426.392 ng/ul

RT: 10.42 min Scan# 1263

Delta R.T. 0.04 min

Lab File: BM022267.D

Acq: 23 Aug 2019 21:53

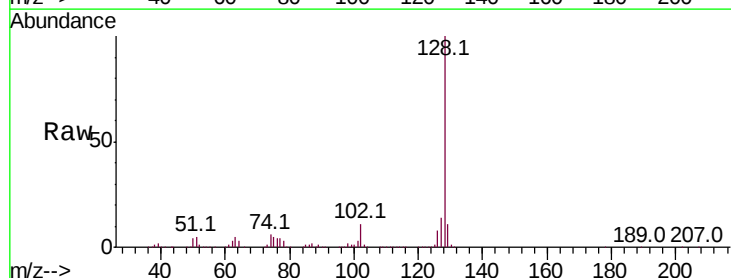
Tgt Ion:128 Resp:11702747

Ion Ratio Lower Upper

128 100

129 11.4 8.6 13.0

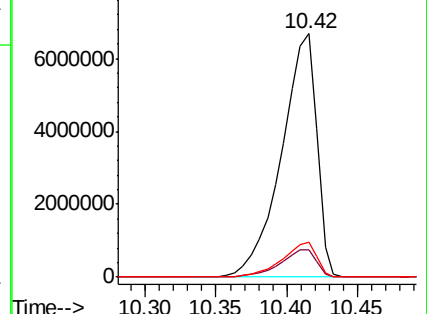
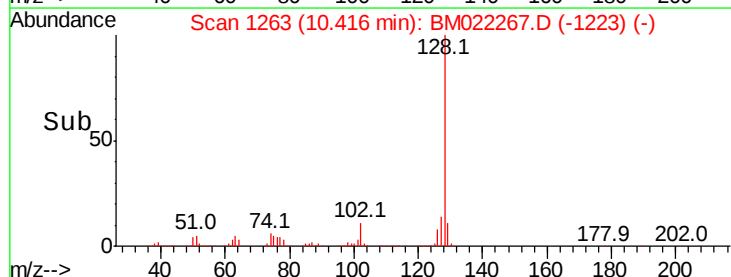
127 14.3 10.4 15.6

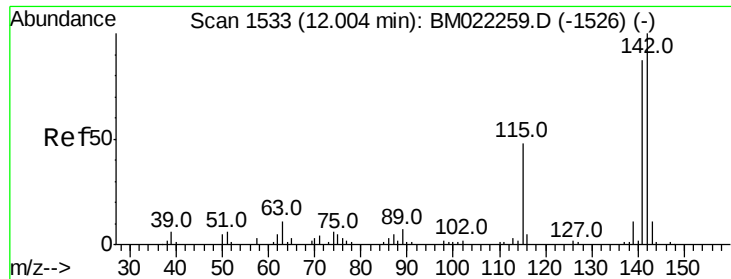


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

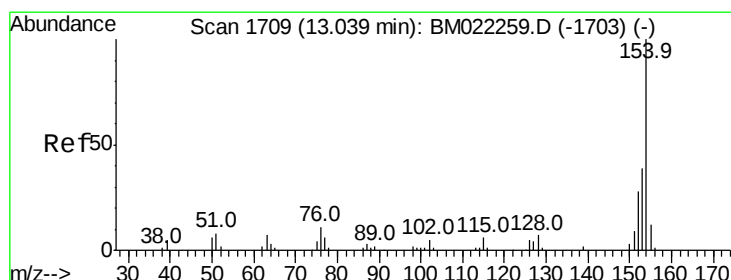
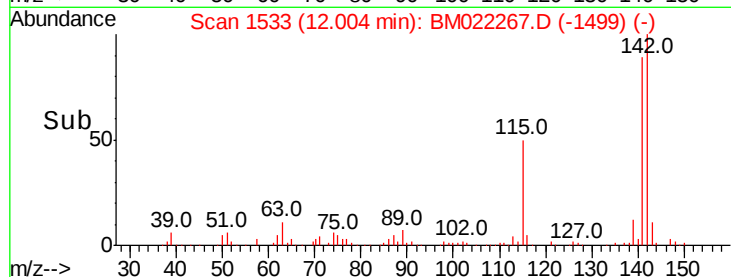
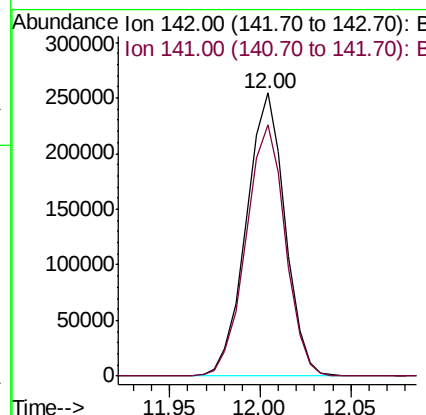
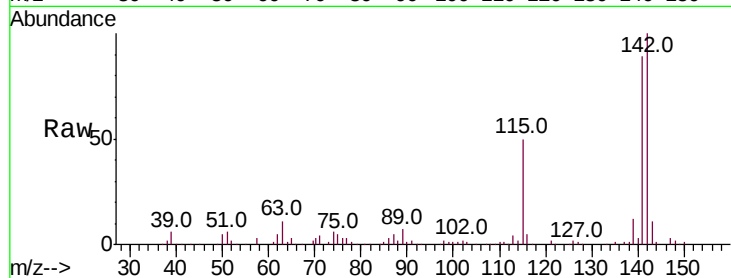




#34
 2-Methylnaphthalene
 Concen: 59.986 ng/ul
 RT: 12.00 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: BM022267.D
 Acq: 23 Aug 2019 21:53

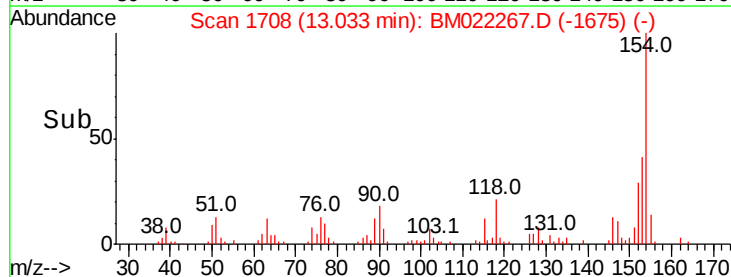
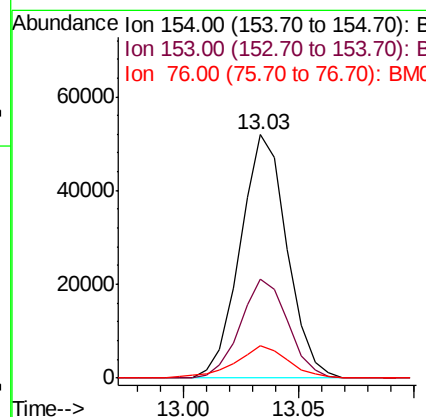
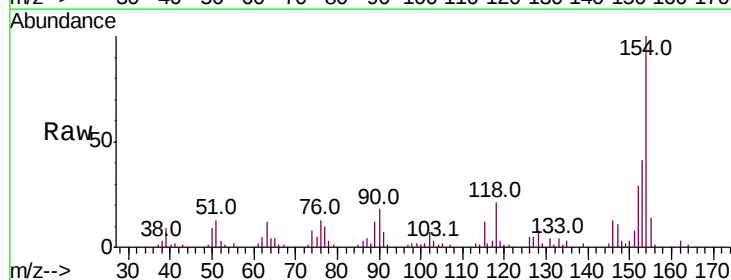
Instrument :
 BNA_M
 ClientSampleId :
 C0AB6

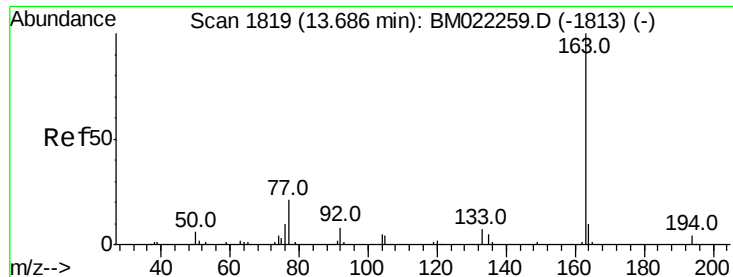
Tot Ion:142 Resp: 379193
 Ion Ratio Lower Upper
 142 100
 141 88.8 75.1 112.7



#40
 1,1'-Biphenyl
 Concen: 8.278 ng/ul
 RT: 13.03 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BM022267.D
 Acq: 23 Aug 2019 21:53

Tgt Ion:154 Resp: 73341
 Ion Ratio Lower Upper
 154 100
 153 40.5 32.5 48.7
 76 13.5 9.2 13.8





#44

Dimethylphthalate

Concen: 4.615 ng/ul

RT: 13.69 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BM022267.D

Acq: 23 Aug 2019 21:53

Instrument :

BNA_M

ClientSampleId :

C0AB6

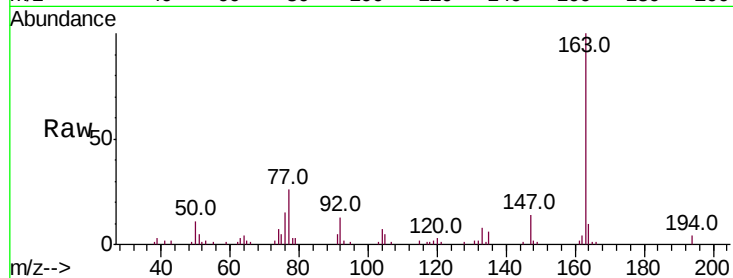
Tot Ion:163 Resp: 45023

Ion Ratio Lower Upper

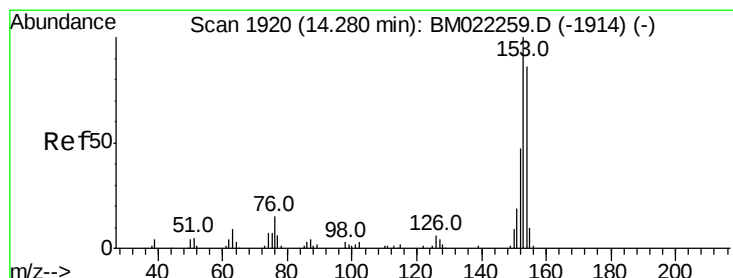
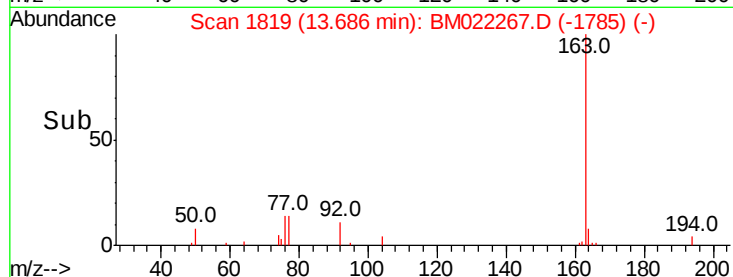
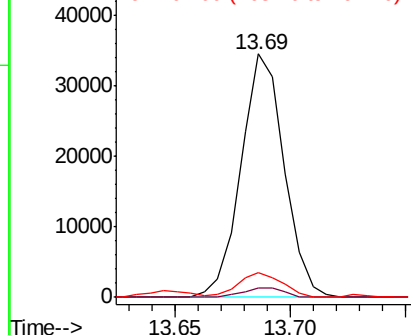
163 100

194 3.8 3.0 4.6

164 10.3 7.8 11.8



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: 47.583 ng/ul

RT: 14.28 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BM022267.D

Acq: 23 Aug 2019 21:53

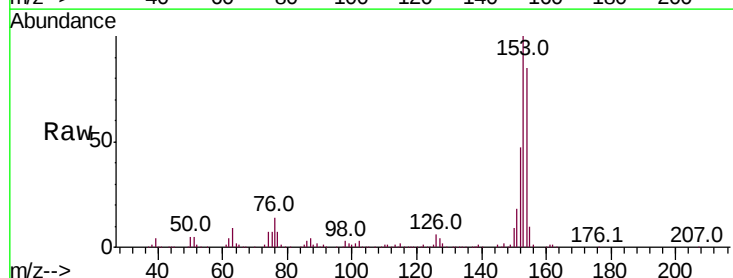
Tgt Ion:153 Resp: 361753

Ion Ratio Lower Upper

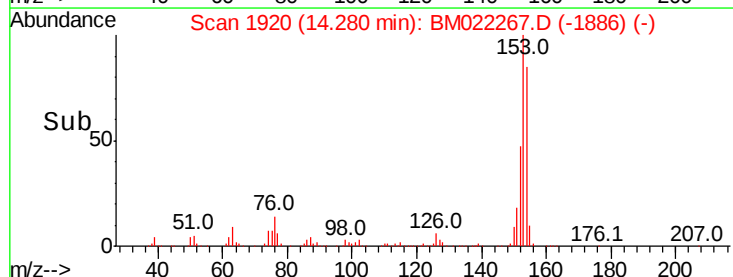
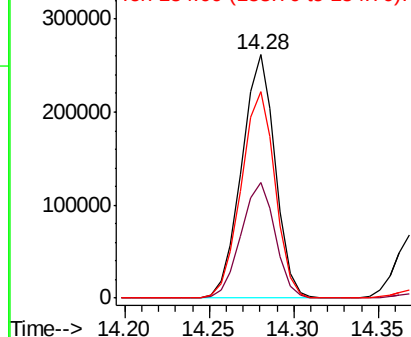
153 100

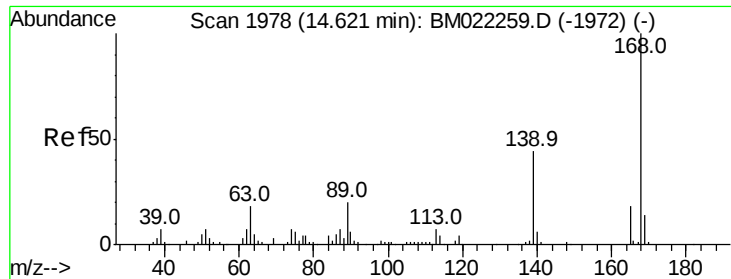
152 47.4 38.6 58.0

154 84.8 68.9 103.3



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





#53

Dibenzofuran

Concen: 14.034 ng/ul

RT: 14.62 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BM022267.D

Acq: 23 Aug 2019 21:53

Instrument :

BNA_M

ClientSampleId :

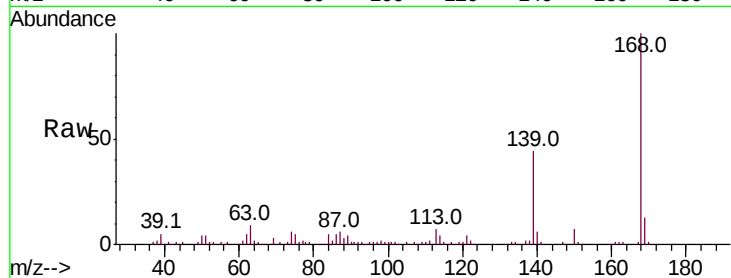
C0AB6

Tot Ion:168 Resp: 158915

Ion Ratio Lower Upper

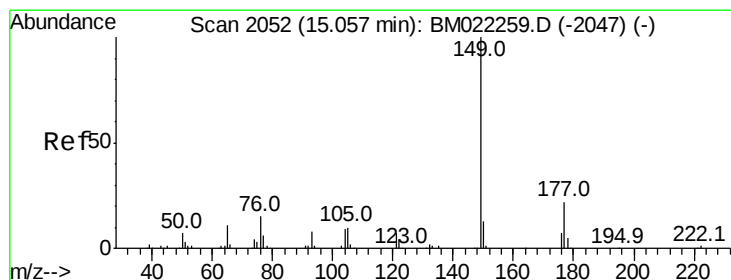
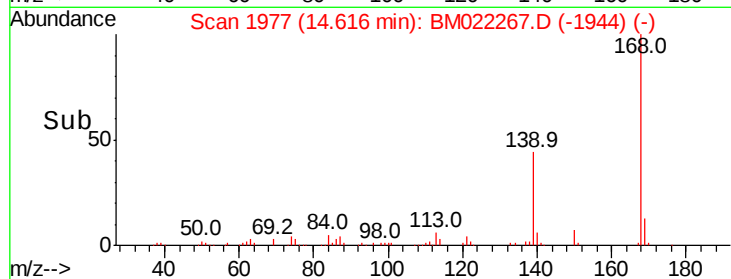
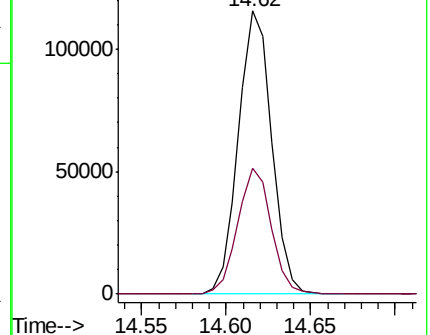
168 100

139 44.3 36.2 54.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#56

Diethylphthalate

Concen: 1.458 ng/ul

RT: 15.02 min Scan# 2046

Delta R.T. -0.04 min

Lab File: BM022267.D

Acq: 23 Aug 2019 21:53

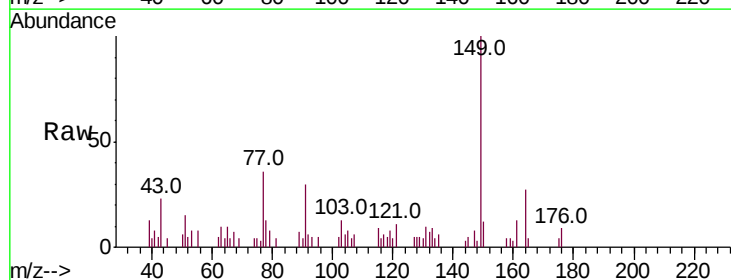
Tgt Ion:149 Resp: 15258

Ion Ratio Lower Upper

149 100

177 0.0 16.7 25.1#

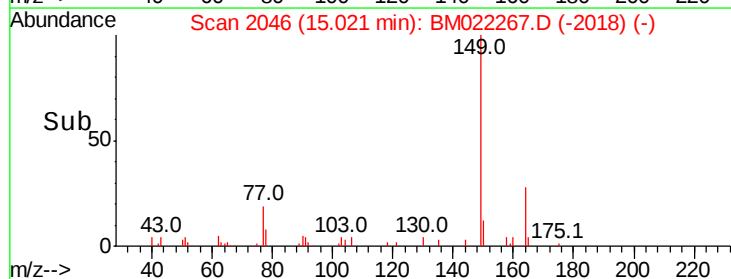
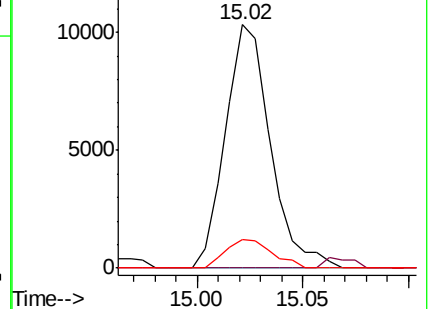
150 11.6 10.8 16.2

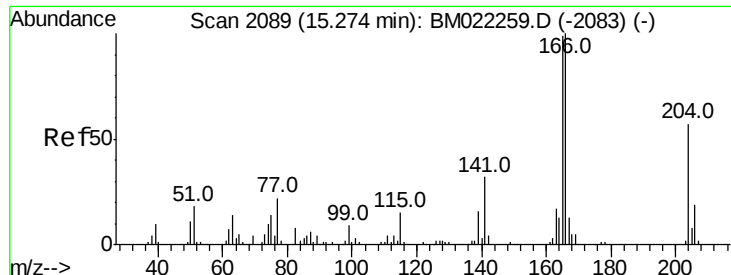


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#58

Fluorene

Concen: 13.206 ng/ul

RT: 15.27 min Scan# 2089

Delta R.T. 0.00 min

Lab File: BM022267.D

Acq: 23 Aug 2019 21:53

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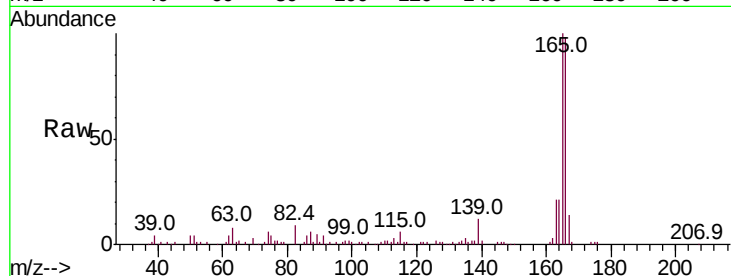
Tot Ion:166 Resp: 125952

Ion Ratio Lower Upper

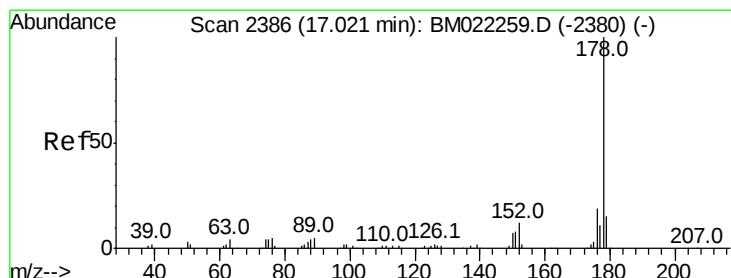
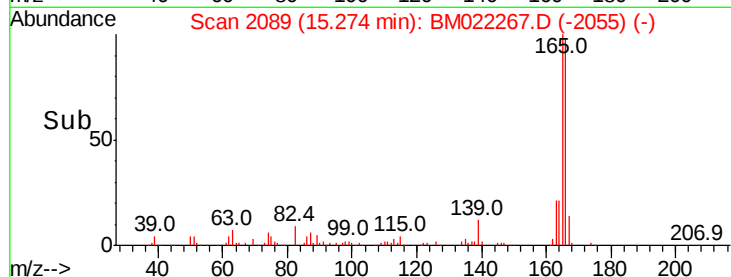
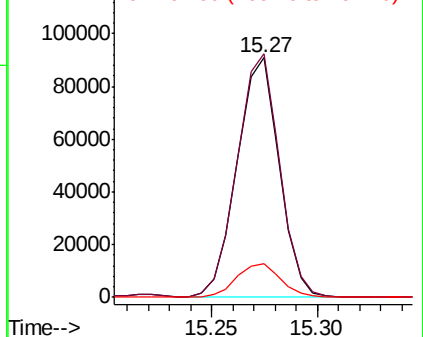
166 100

165 101.6 80.2 120.2

167 14.3 11.4 17.0



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



#69

Phenanthrene

Concen: 1.467 ng/ul

RT: 17.02 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BM022267.D

Acq: 23 Aug 2019 21:53

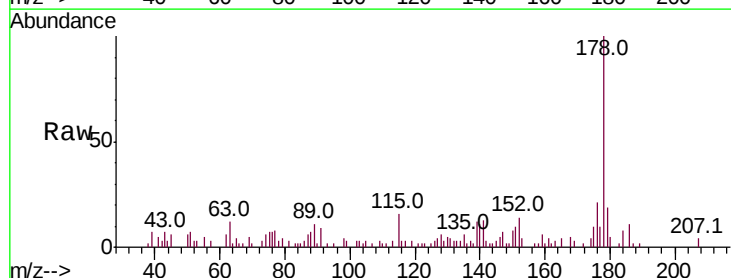
Tgt Ion:178 Resp: 23269

Ion Ratio Lower Upper

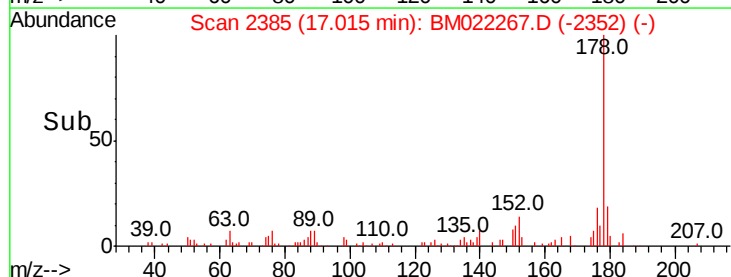
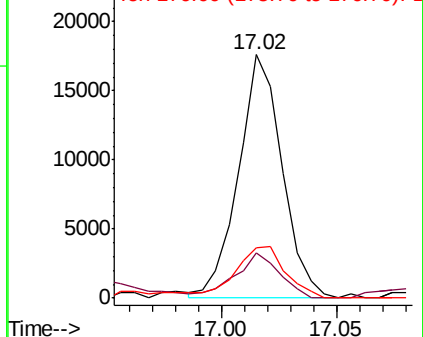
178 100

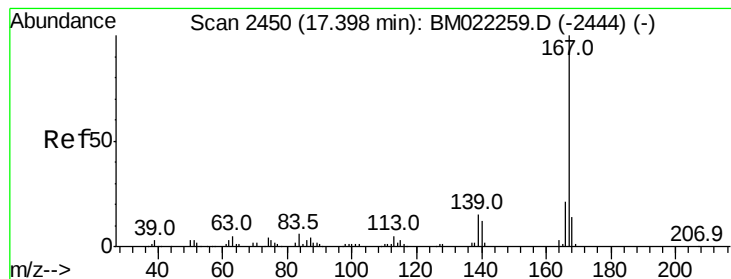
179 18.5 12.4 18.6

176 20.9 15.4 23.0



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

Carbazole

Concen: 20.275 ng/ul

RT: 17.40 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BM022267.D

Acq: 23 Aug 2019 21:53

Instrument :

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ClientSampleId :

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Tot Ion:167 Resp: 302318

Ion Ratio Lower Upper

167 100

166 21.7 17.8 26.8

139 14.9 11.8 17.8

