

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
 Data File : BM024933.D
 Acq On : 18 Feb 2020 16:47
 Operator : CG/JU
 Sample : L1486-08DL2 100X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 19 03:43:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 19 03:36:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	283797	20.00	ng/ul	0.00
18) Naphthalene-d8	10.14	136	1033269	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.03	164	620186	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	1285908	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	1255618	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	1367462	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.59	99	385	0.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	2964	0.28	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	2999	0.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	621	0.04	ng/ul	0.02
19) Nitrobenzene-d5	8.55	128	1081	0.14	ng/ul	0.01
22) 2-Nitrophenol-d4	9.25	143	708	0.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	317	0.02	ng/ul	0.02
29) 4-Chloroaniline-d4	10.31	131	317	0.02	ng/ul	0.02
44) Dimethylphthalate-d6	13.47	166	13524	0.29	ng/ul	0.00
47) Acenaphthylene-d8	13.73	160	15164	0.28	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.04	176	11310	0.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	16.89	188	25891	0.44	ng/ul	0.00
79) Pyrene-d10	19.20	212	19156	0.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	18514	0.27	ng/ul	0.00

Target Compounds

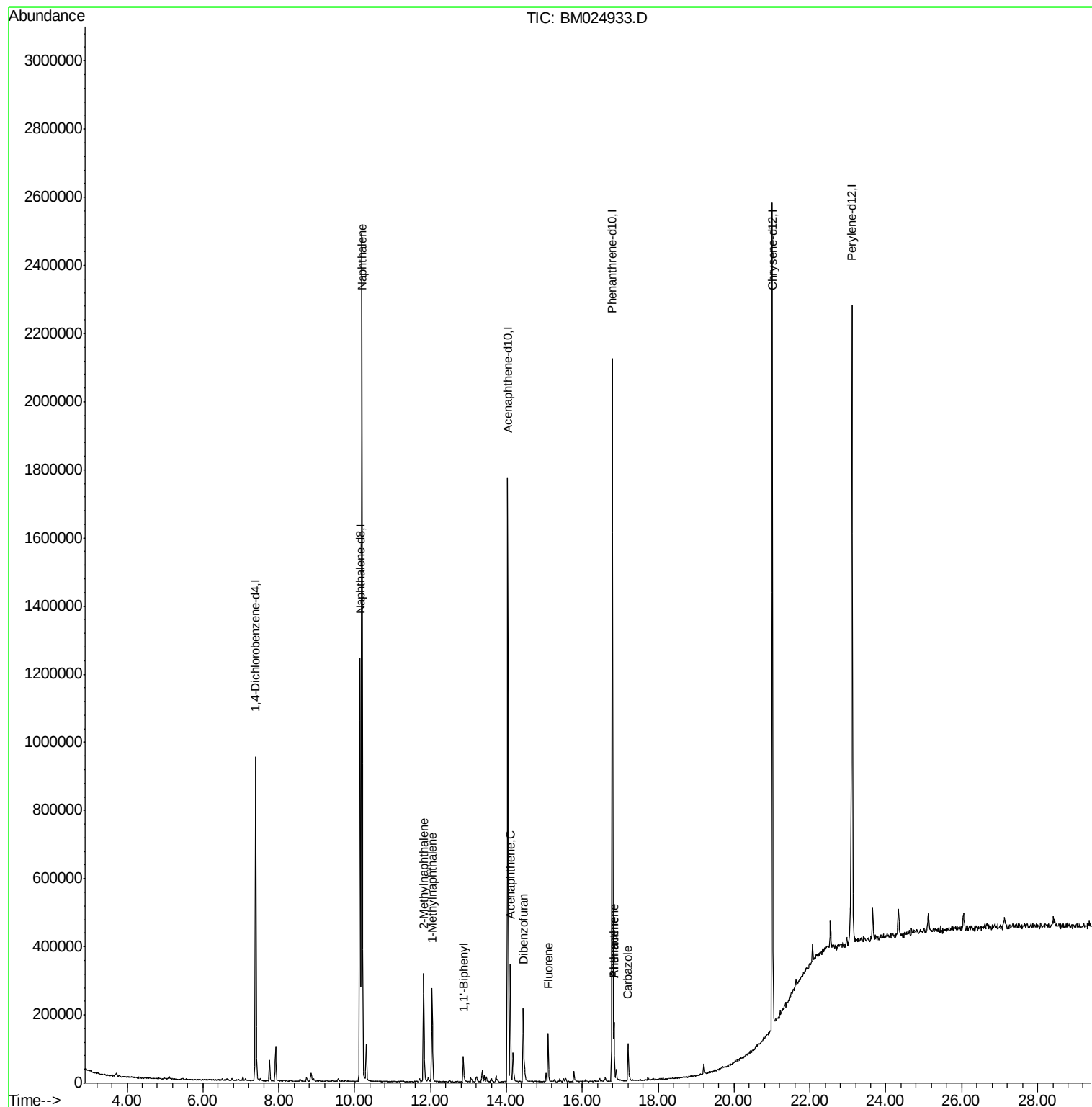
					Ovalue	
28) Naphthalene	10.19	128	2105945	39.890	ng/ul	99
34) 2-Methylnaphthalene	11.82	142	174084	4.476	ng/ul	94
35) 1-Methylnaphthalene	12.04	142	138628	3.574	ng/ul#	99
41) 1,1'-Biphenyl	12.86	154	50553	1.104	ng/ul#	95
50) Acenaphthene	14.10	153	133960	3.503	ng/ul	96
54) Dibenzofuran	14.45	168	169779	2.978	ng/ul	99
59) Fluorene	15.10	166	67601	1.439	ng/ul	99
70) Phenanthrene	16.83	178	92630	1.321	ng/ul	98
72) Anthracene	16.83	178	92630	1.303	ng/ul	97
75) Carbazole	17.20	167	92182	1.556	ng/ul	99

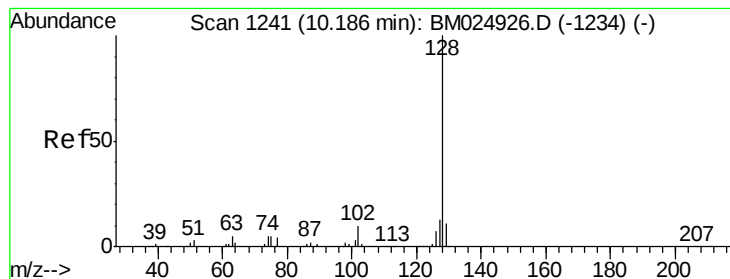
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 39.890 ng/ul

RT: 10.19 min Scan# 1241

Delta R.T. -0.01 min

Lab File: BM024933.D

Acq: 18 Feb 2020 16:47

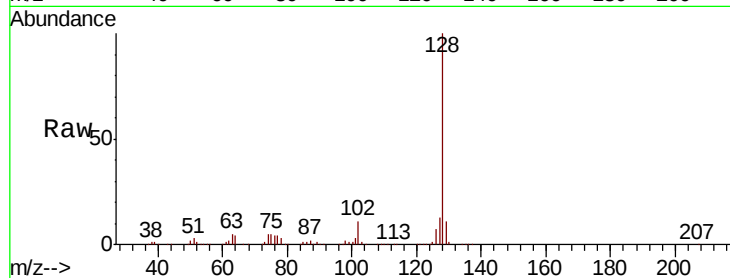
Instrument :

BNA_M

ClientSampleId :

Tot Ion:128 Resp: 2105945

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.1	13.7
127	13.0	10.4	15.6

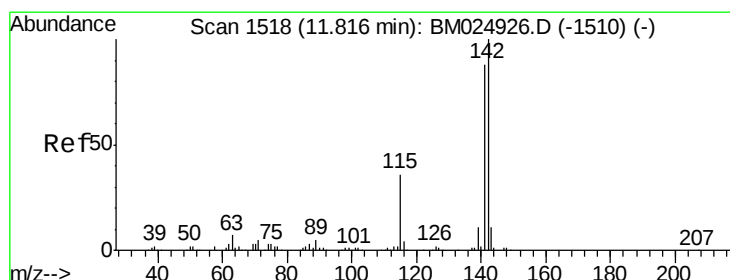
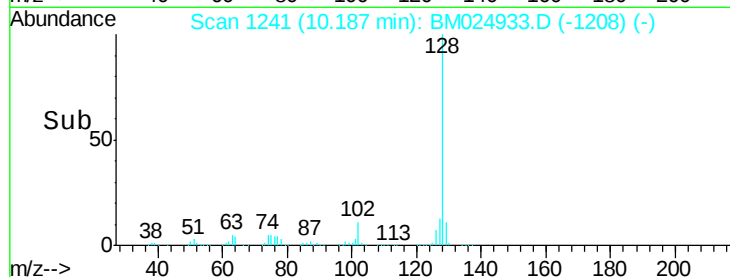
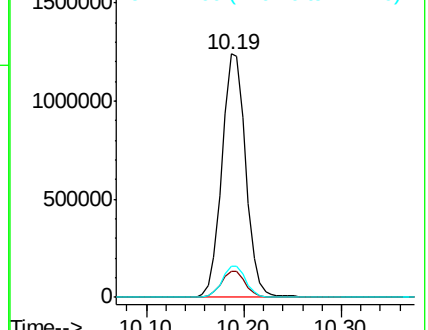


Abundance

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: 4.476 ng/ul

RT: 11.82 min Scan# 1518

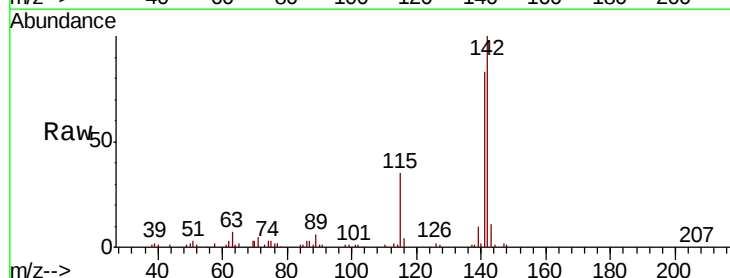
Delta R.T. -0.01 min

Lab File: BM024933.D

Acq: 18 Feb 2020 16:47

Tgt Ion:142 Resp: 174084

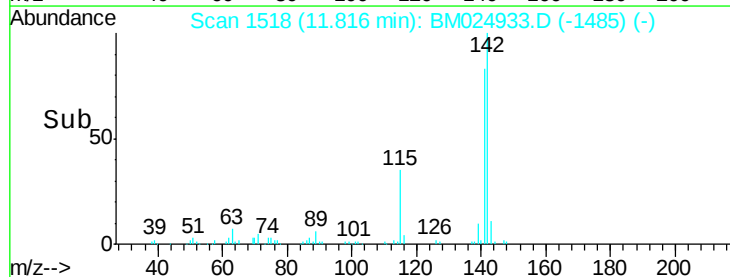
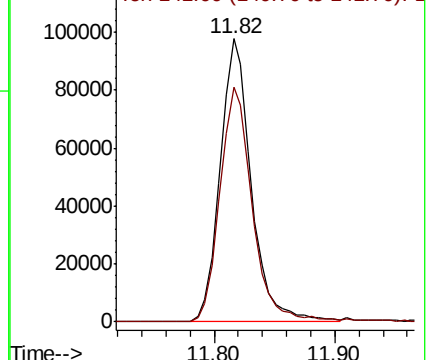
Ion	Ratio	Lower	Upper
142	100		
141	82.8	70.5	105.7

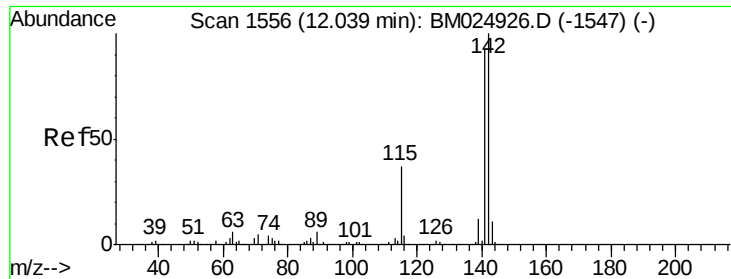


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

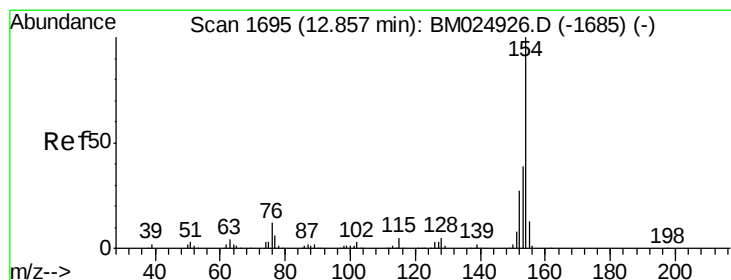
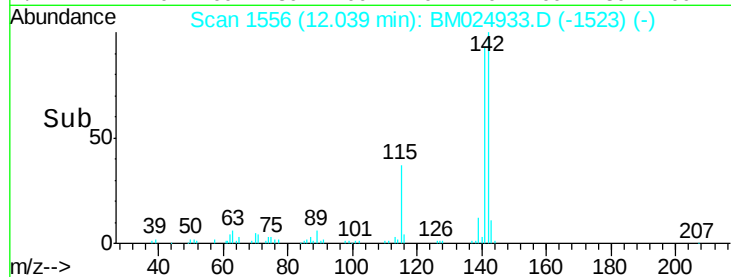
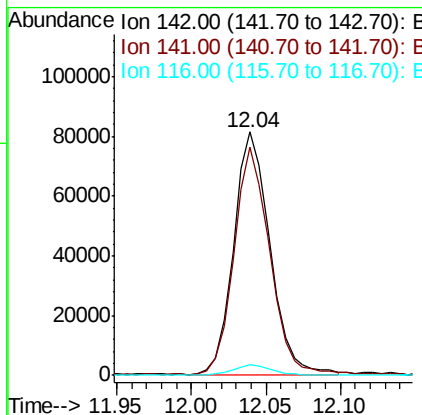
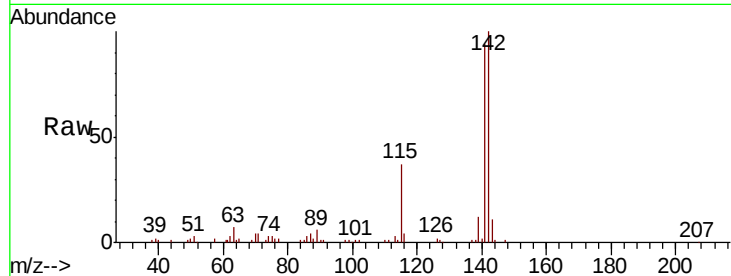




#35
 1-Methylnaphthalene
 Concen: 3.574 ng/ul
 RT: 12.04 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BM024933.D
 Acq: 18 Feb 2020 16:47

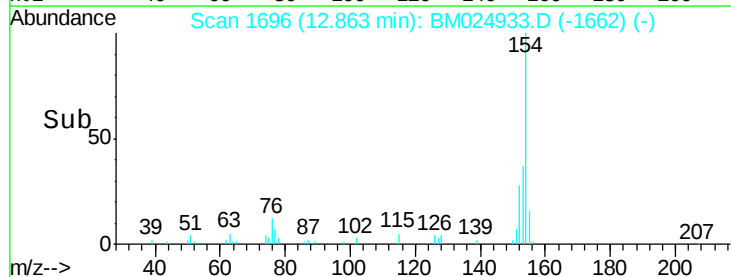
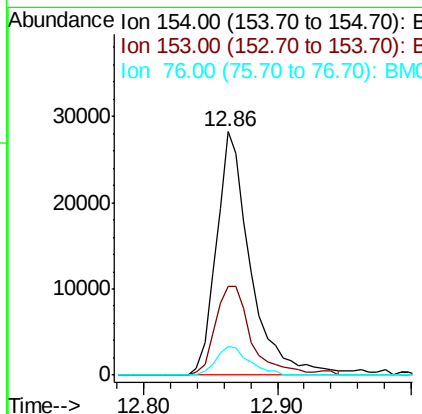
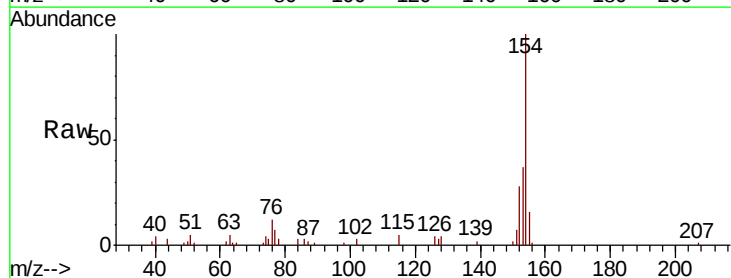
Instrument :
 BNA_M
 ClientSampleId :

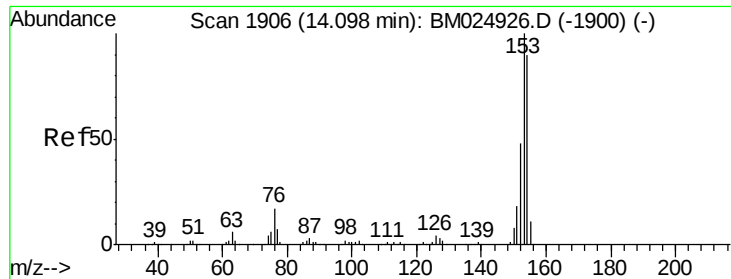
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.7	74.1	111.1
116	4.5	3.0	4.4#



#41
 1,1'-Biphenyl
 Concen: 1.104 ng/ul
 RT: 12.86 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BM024933.D
 Acq: 18 Feb 2020 16:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	36.7	31.4	47.2
76	11.8	7.5	11.3#





#50

Acenaphthene

Concen: 3.503 ng/ul

RT: 14.10 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BM024933.D

Acq: 18 Feb 2020 16:47

Instrument :

BNA_M

ClientSampleId :

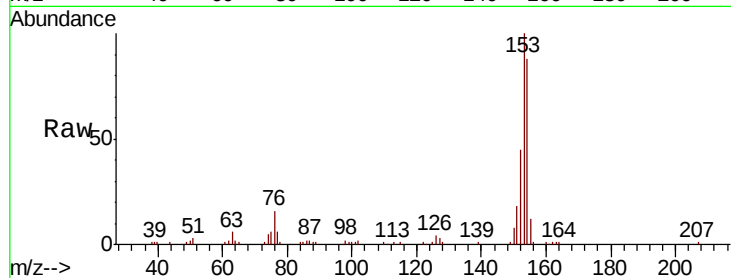
Tot Ion:153 Resp: 133960

Ion Ratio Lower Upper

153 100

152 45.1 37.3 55.9

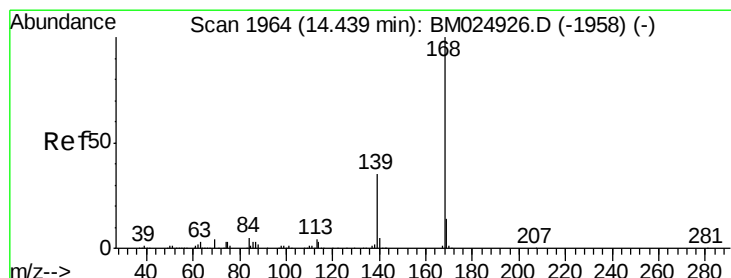
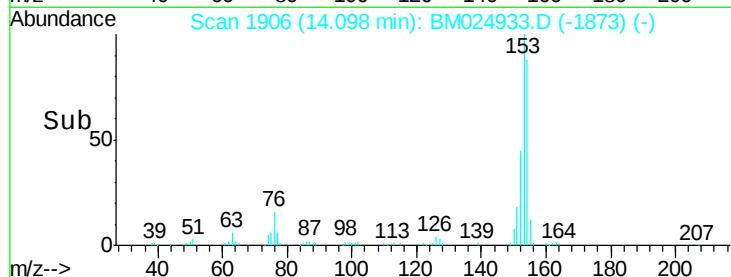
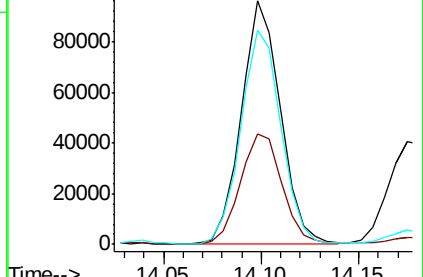
154 88.1 74.1 111.1



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: 2.978 ng/ul

RT: 14.45 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BM024933.D

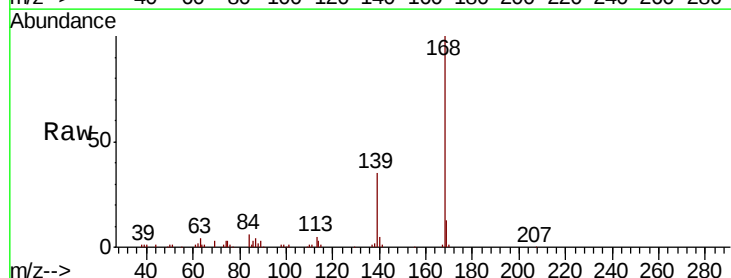
Acq: 18 Feb 2020 16:47

Tgt Ion:168 Resp: 169779

Ion Ratio Lower Upper

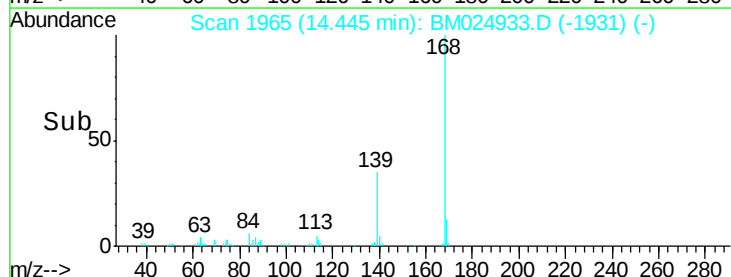
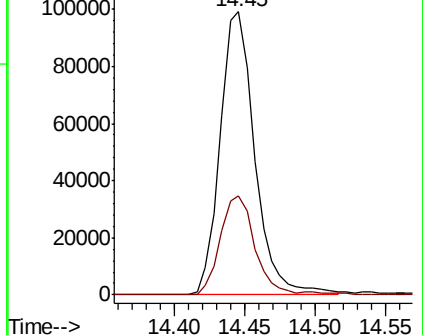
168 100

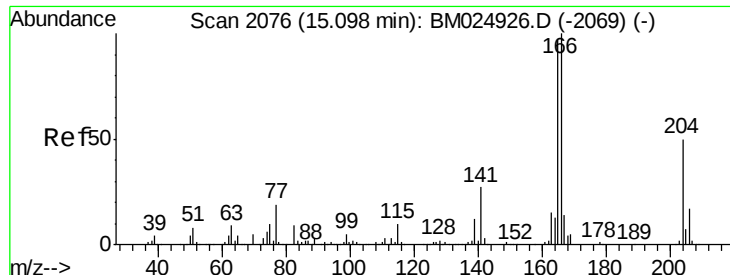
139 35.2 27.8 41.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 1.439 ng/ul

RT: 15.10 min Scan# 2076

Delta R.T. 0.00 min

Lab File: BM024933.D

Acq: 18 Feb 2020 16:47

Instrument :

BNA_M

ClientSampleId :

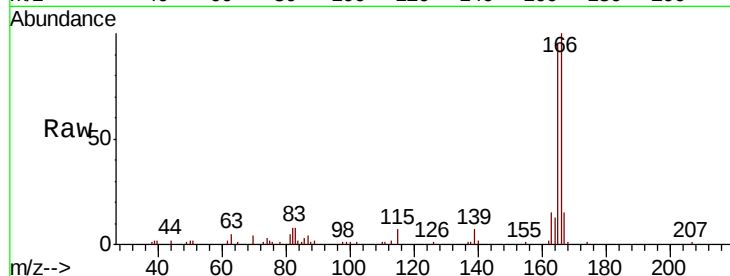
Tot Ion:166 Resp: 67601

Ion Ratio Lower Upper

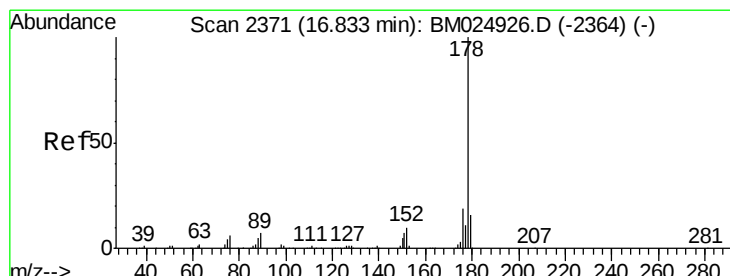
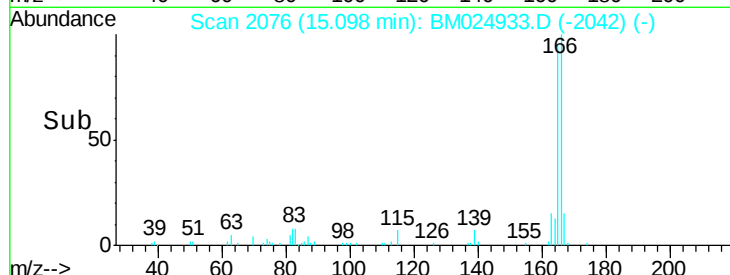
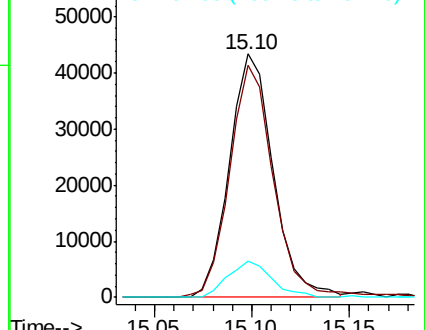
166 100

165 95.1 75.8 113.8

167 14.7 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: 1.321 ng/ul

RT: 16.83 min Scan# 2371

Delta R.T. -0.01 min

Lab File: BM024933.D

Acq: 18 Feb 2020 16:47

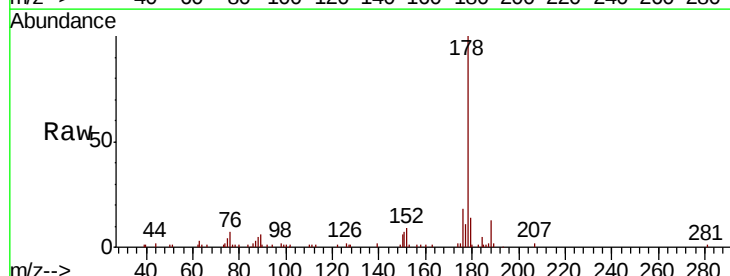
Tgt Ion:178 Resp: 92630

Ion Ratio Lower Upper

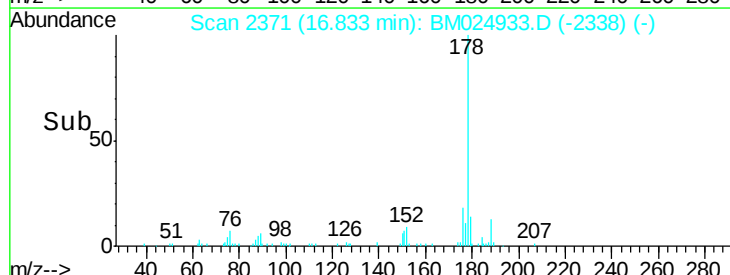
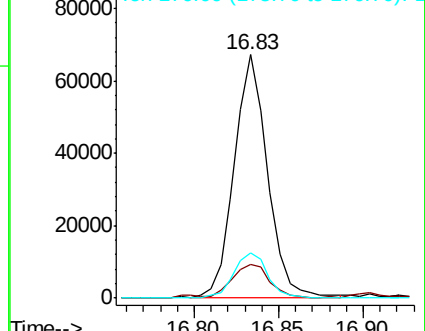
178 100

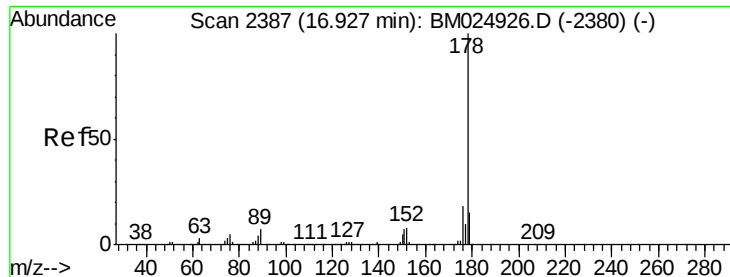
179 13.7 12.2 18.2

176 18.5 14.5 21.7



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: 1.303 ng/ul

RT: 16.83 min Scan# 2371

Delta R.T. -0.09 min

Lab File: BM024933.D

Acq: 18 Feb 2020 16:47

Instrument :

BNA_M

ClientSampleId :

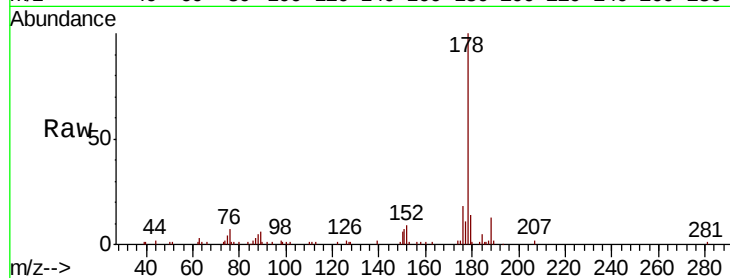
Tot Ion:178 Resp: 92630

Ion Ratio Lower Upper

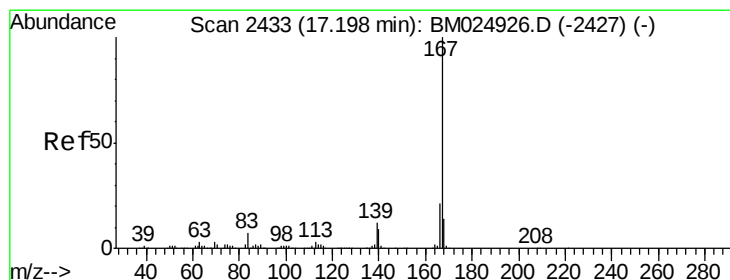
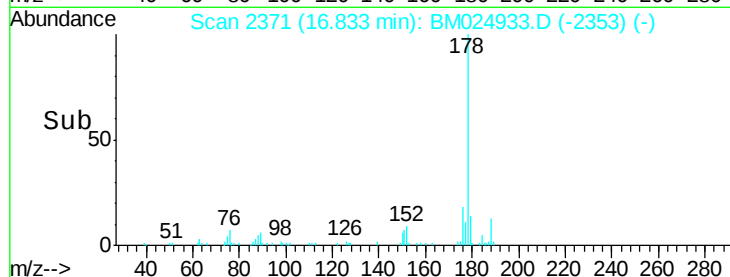
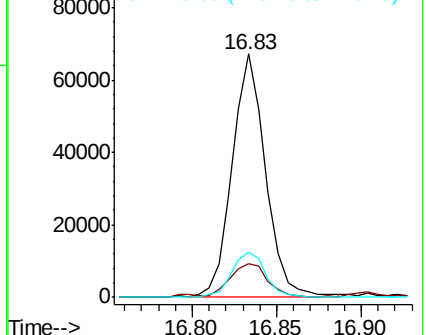
178 100

179 13.7 12.3 18.5

176 18.5 14.1 21.1



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: 1.556 ng/ul

RT: 17.20 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BM024933.D

Acq: 18 Feb 2020 16:47

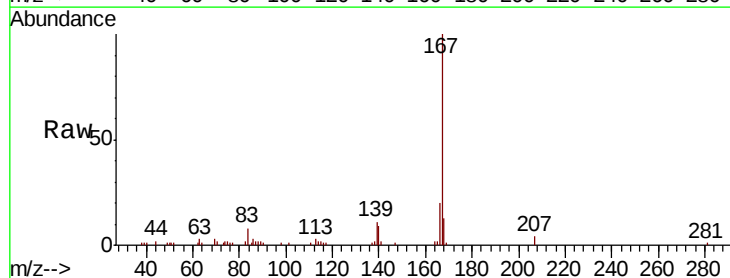
Tgt Ion:167 Resp: 92182

Ion Ratio Lower Upper

167 100

166 20.0 16.6 24.8

139 11.0 9.3 13.9



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

