

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
 Data File : BM024931.D
 Acq On : 18 Feb 2020 15:34
 Operator : CG/JU
 Sample : L1486-06DL2 100X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 19 03:42:51 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	325709	20.00	ng/ul	0.00
18) Naphthalene-d8	10.14	136	1180430	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	705141	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	1456516	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	1409200	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	1489013	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	557	0.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	3594	0.29	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	3615	0.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	947	0.05	ng/ul	0.02
19) Nitrobenzene-d5	8.56	128	1657	0.19	ng/ul	0.02
22) 2-Nitrophenol-d4	9.25	143	886	0.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	1396	0.07	ng/ul	0.04
29) 4-Chloroaniline-d4	10.15	131	1578	0.08	ng/ul	-0.14
44) Dimethylphthalate-d6	13.47	166	13558	0.25	ng/ul	0.00
47) Acenaphthylene-d8	13.73	160	17636	0.28	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.04	176	12938	0.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	16.90	188	24341	0.37	ng/ul	0.00
79) Pyrene-d10	19.20	212	21635	0.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	20447	0.27	ng/ul	0.00

Target Compounds

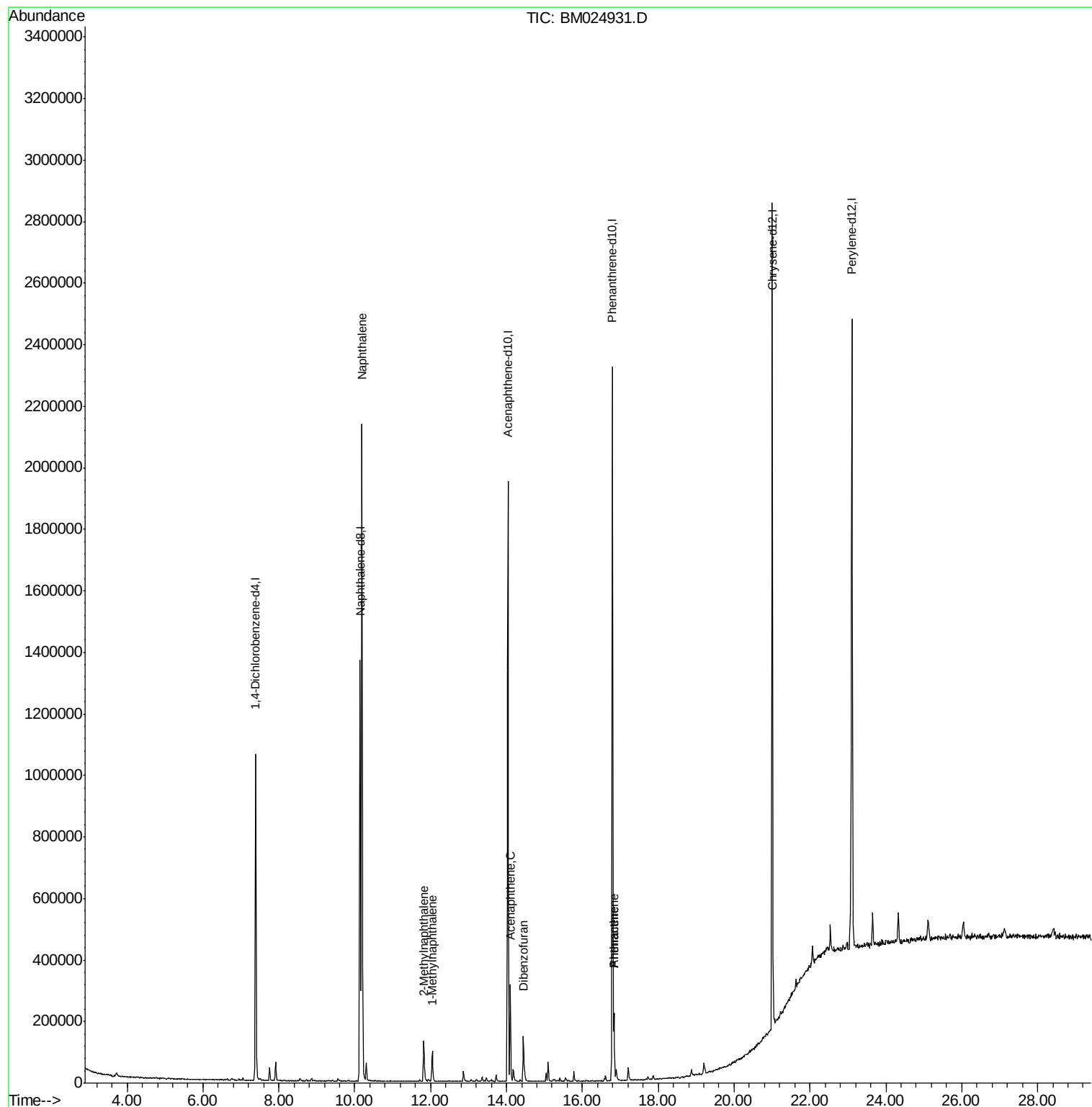
					Ovalue	
28) Naphthalene	10.19	128	1844382	30.580	ng/ul	99
34) 2-Methylnaphthalene	11.82	142	82260	1.852	ng/ul	96
35) 1-Methylnaphthalene	12.05	142	55218	1.246	ng/ul	92
50) Acenaphthene	14.10	153	130330	2.997	ng/ul	96
54) Dibenzofuran	14.44	168	119247	1.840	ng/ul	100
70) Phenanthrene	16.83	178	120519	1.518	ng/ul	97
72) Anthracene	16.83	178	120519	1.496	ng/ul	96

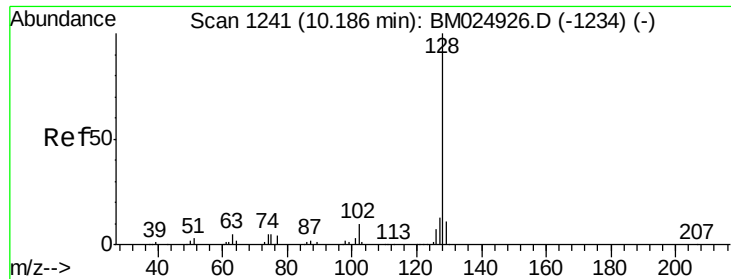
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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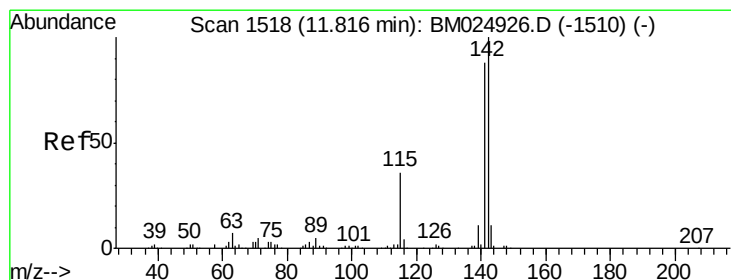
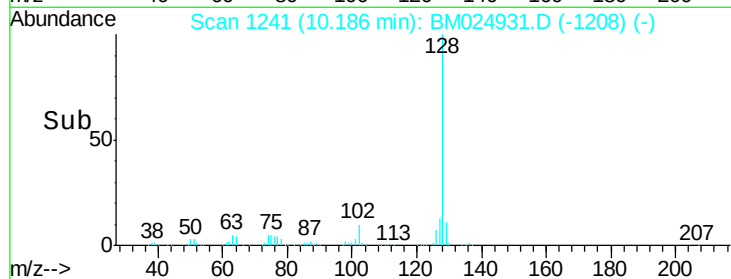
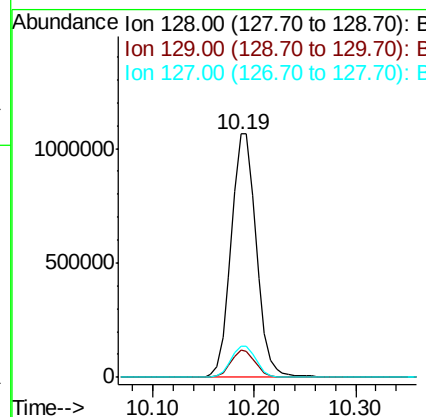
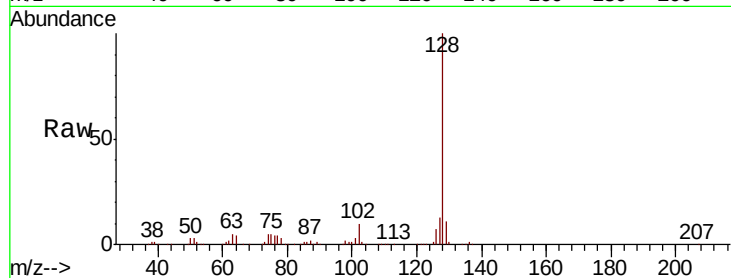




#28
Naphthalene
Concen: 30.580 ng/ul
RT: 10.19 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BM024931.D
Acq: 18 Feb 2020 15:34

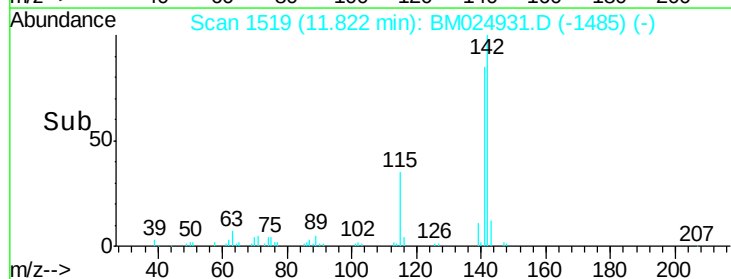
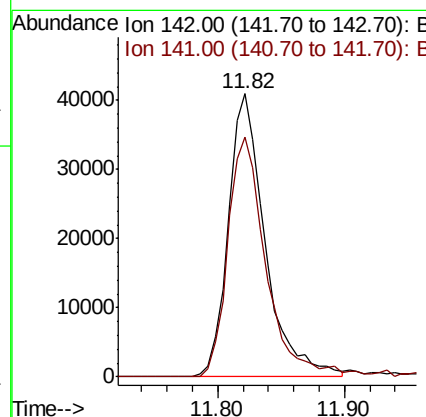
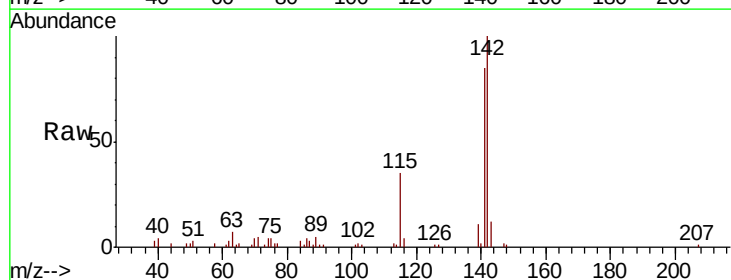
Instrument :
BNA_M
ClientSampleId :

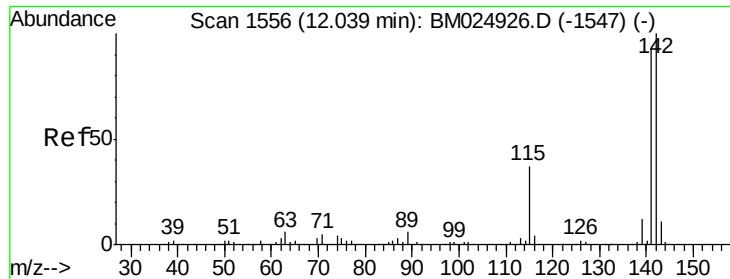
Tot Ion:128 Resp: 1844382
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 12.8 10.4 15.6



#34
2-Methylnaphthalene
Concen: 1.852 ng/ul
RT: 11.82 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BM024931.D
Acq: 18 Feb 2020 15:34

Tgt Ion:142 Resp: 82260
Ion Ratio Lower Upper
142 100
141 84.7 70.5 105.7





#35

1-Methylnaphthalene

Concen: 1.246 ng/ul

RT: 12.05 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BM024931.D

Acq: 18 Feb 2020 15:34

Instrument :

BNA_M

ClientSampleId :

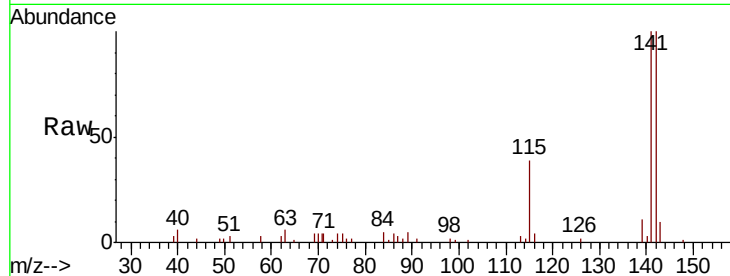
Tot Ion:142 Resp: 55218

Ion Ratio Lower Upper

142 100

141 100.2 74.1 111.1

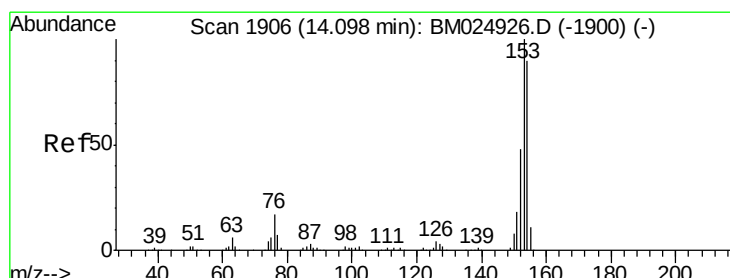
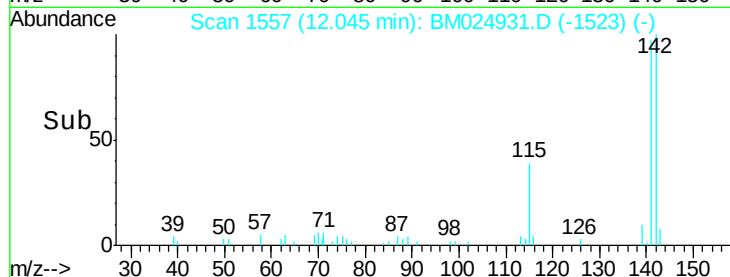
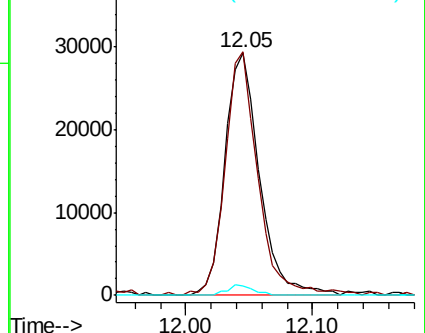
116 3.9 3.0 4.4



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: 2.997 ng/ul

RT: 14.10 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BM024931.D

Acq: 18 Feb 2020 15:34

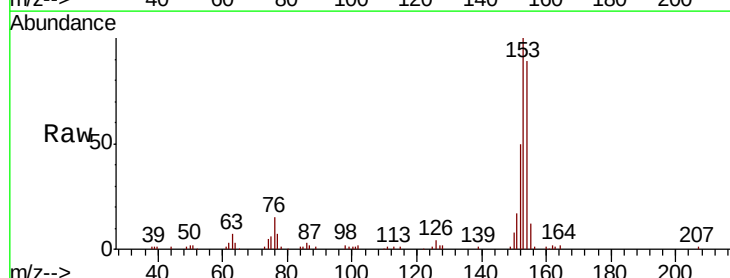
Tgt Ion:153 Resp: 130330

Ion Ratio Lower Upper

153 100

152 50.1 37.3 55.9

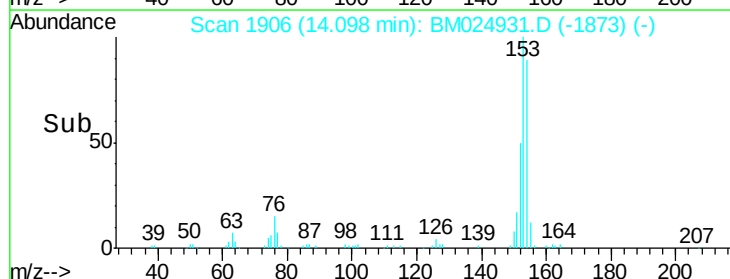
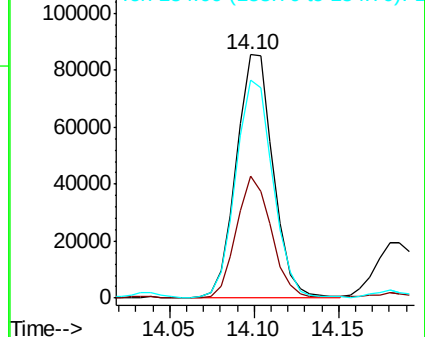
154 89.3 74.1 111.1

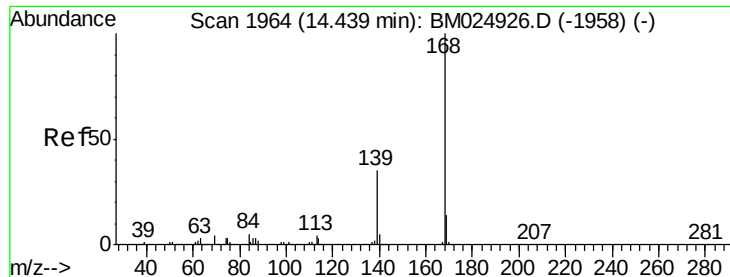


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzo(furan)

Concen: 1.840 ng/ul

RT: 14.44 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BM024931.D

Acq: 18 Feb 2020 15:34

Instrument :

BNA_M

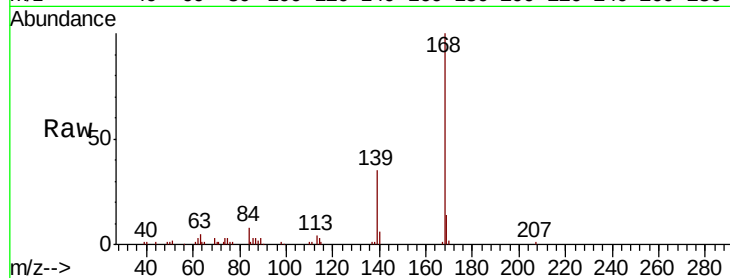
ClientSampleId :

Tot Ion:168 Resp: 119247

Ion Ratio Lower Upper

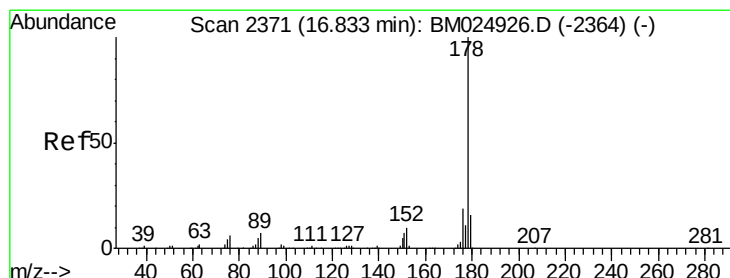
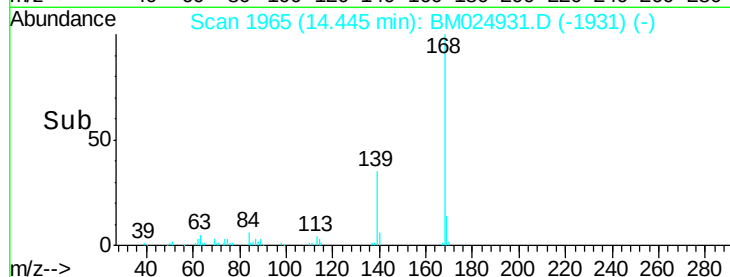
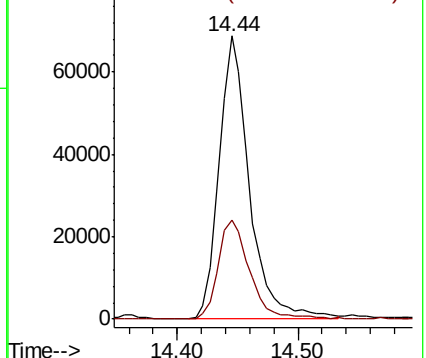
168 100

139 35.0 27.8 41.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#70

Phenanthrene

Concen: 1.518 ng/ul

RT: 16.83 min Scan# 2371

Delta R.T. -0.01 min

Lab File: BM024931.D

Acq: 18 Feb 2020 15:34

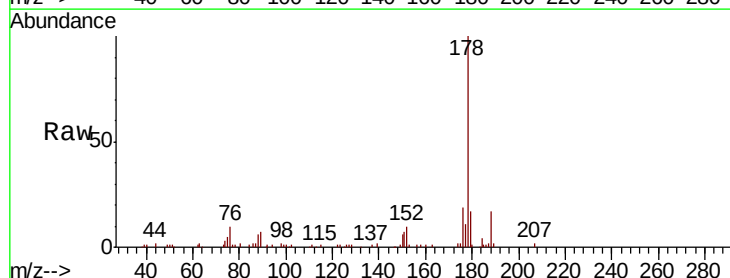
Tgt Ion:178 Resp: 120519

Ion Ratio Lower Upper

178 100

179 17.4 12.2 18.2

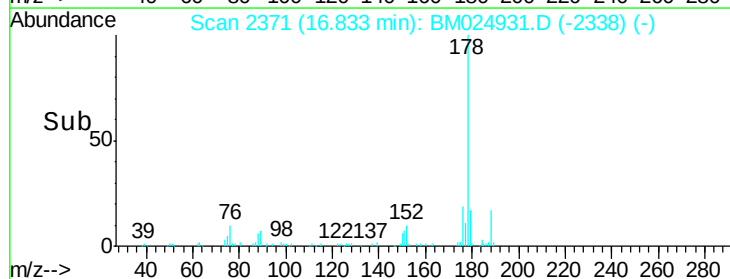
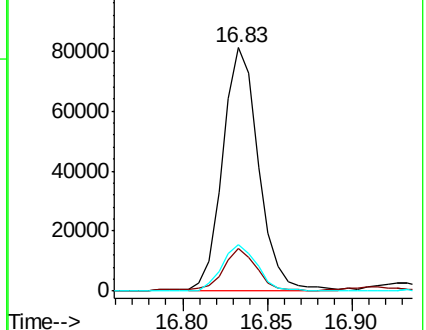
176 18.9 14.5 21.7

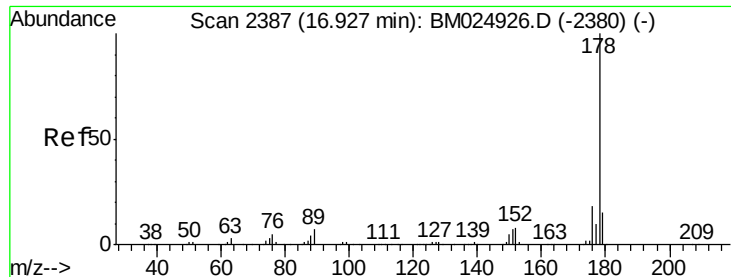


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72
 Anthracene
 Concen: 1.496 ng/ul
 RT: 16.83 min Scan# 2371
 Delta R.T. -0.09 min
 Lab File: BM024931.D
 Acq: 18 Feb 2020 15:34

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.3	18.5
176	18.9	14.1	21.1

