

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
 Data File : BM024932.D
 Acq On : 18 Feb 2020 16:10
 Operator : CG/JU
 Sample : L1486-07DL2 100X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 19 03:43:00 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	331443	20.00	ng/ul	0.00
18) Naphthalene-d8	10.14	136	1178968	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	706852	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	1455016	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	1451113	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	1567740	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	6.60	99	833	0.04	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	1804	0.15	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	2556	0.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	697	0.04	ng/ul	0.02
19) Nitrobenzene-d5	8.55	128	1303	0.15	ng/ul	0.01
22) 2-Nitrophenol-d4	9.25	143	1019	0.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	1339	0.07	ng/ul	0.05
29) 4-Chloroaniline-d4	10.15	131	1535	0.08	ng/ul	-0.14
44) Dimethylphthalate-d6	13.47	166	13830	0.26	ng/ul	0.00
47) Acenaphthylene-d8	13.73	160	15336	0.25	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.04	176	12701	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	24841	0.37	ng/ul	0.00
79) Pyrene-d10	19.20	212	19372	0.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.98	264	18805	0.24	ng/ul	0.00

Target Compounds

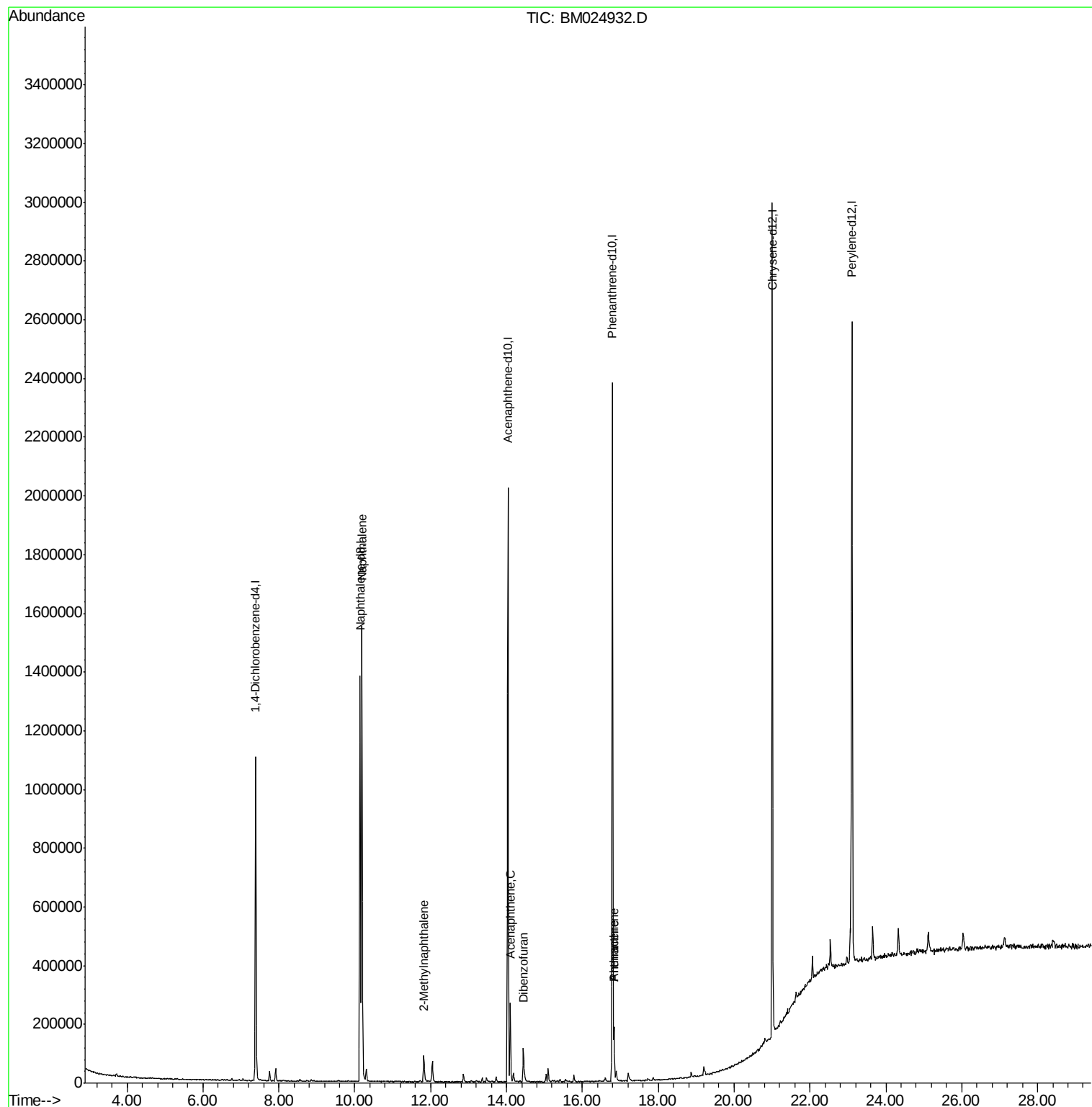
					Ovalue	
28) Naphthalene	10.19	128	1315287	21.835	ng/ul	99
34) 2-Methylnaphthalene	11.82	142	54789	1.235	ng/ul	95
50) Acenaphthene	14.10	153	107218	2.460	ng/ul	95
54) Dibenzofuran	14.44	168	99185	1.527	ng/ul	98
70) Phenanthrene	16.83	178	98535	1.242	ng/ul	96
72) Anthracene	16.83	178	98535	1.225	ng/ul	96

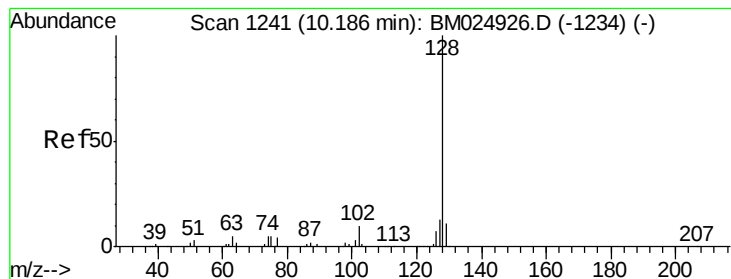
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 21.835 ng/ul

RT: 10.19 min Scan# 1241

Delta R.T. -0.01 min

Lab File: BM024932.D

Acq: 18 Feb 2020 16:10

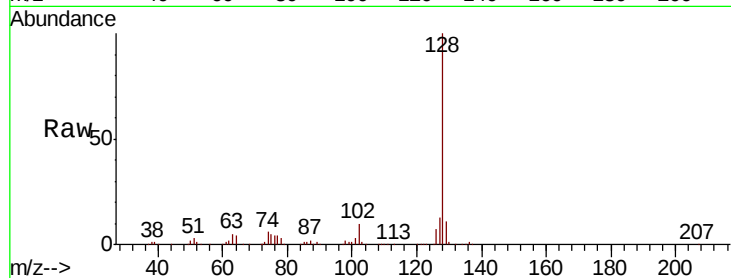
Instrument :

BNA_M

ClientSampleId :

Tot Ion:128 Resp: 1315287

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.2	10.4	15.6

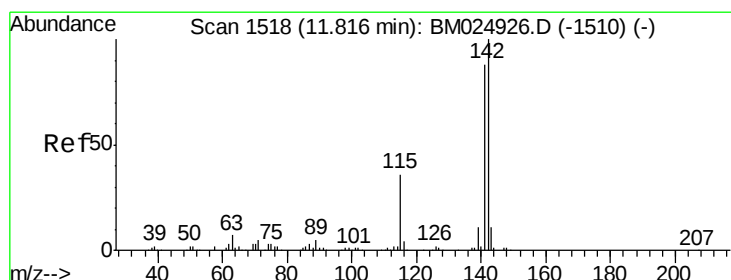
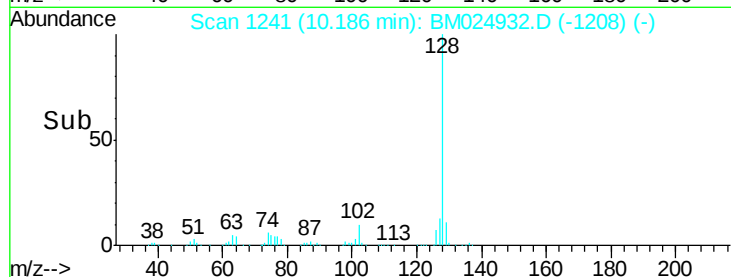
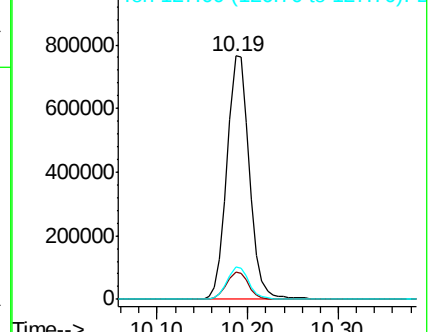


Abundance

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: 1.235 ng/ul

RT: 11.82 min Scan# 1519

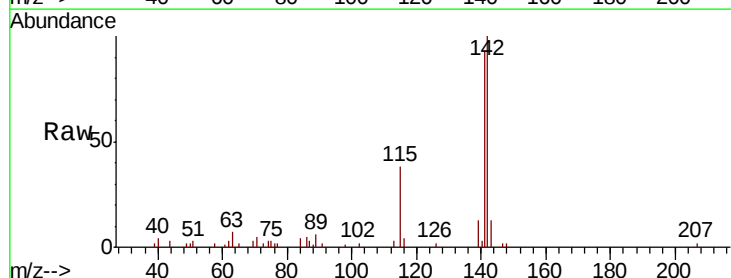
Delta R.T. -0.00 min

Lab File: BM024932.D

Acq: 18 Feb 2020 16:10

Tgt Ion:142 Resp: 54789

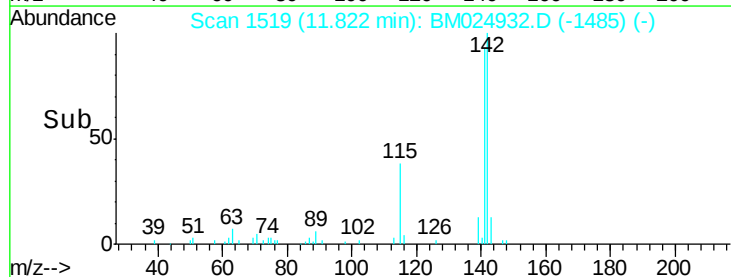
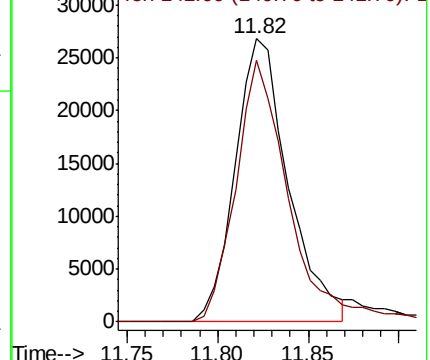
Ion	Ratio	Lower	Upper
142	100		
141	92.5	70.5	105.7

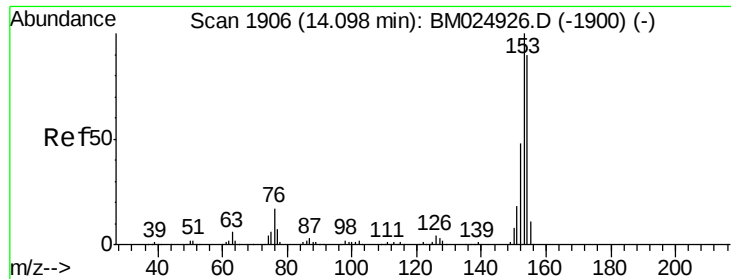


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#50

Acenaphthene

Concen: 2.460 ng/ul

RT: 14.10 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BM024932.D

Acq: 18 Feb 2020 16:10

Instrument :

BNA_M

ClientSampleId :

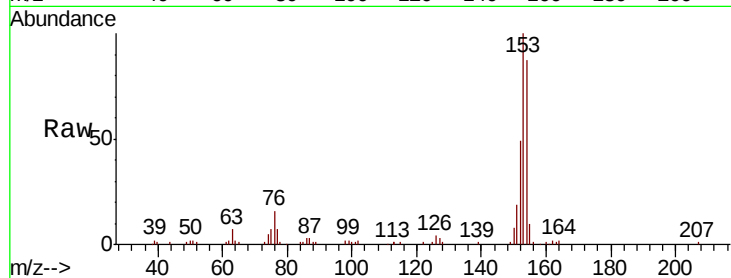
Tot Ion:153 Resp: 107218

Ion Ratio Lower Upper

153 100

152 48.8 37.3 55.9

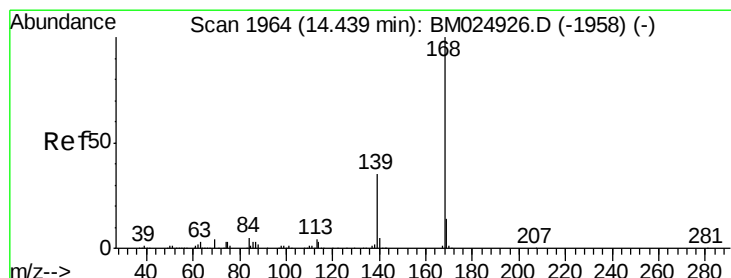
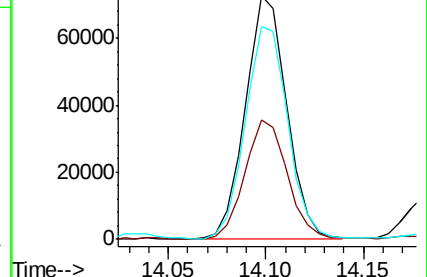
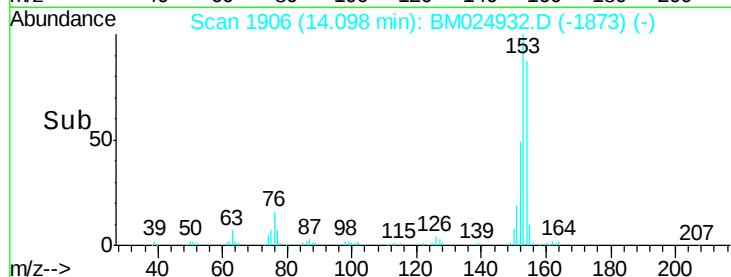
154 87.3 74.1 111.1



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

Dibenzofuran

Concen: 1.527 ng/ul

RT: 14.44 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BM024932.D

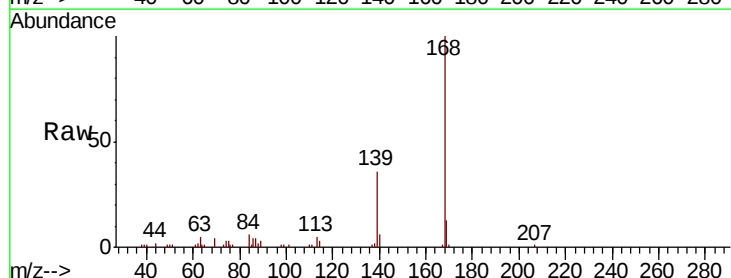
Acq: 18 Feb 2020 16:10

Tgt Ion:168 Resp: 99185

Ion Ratio Lower Upper

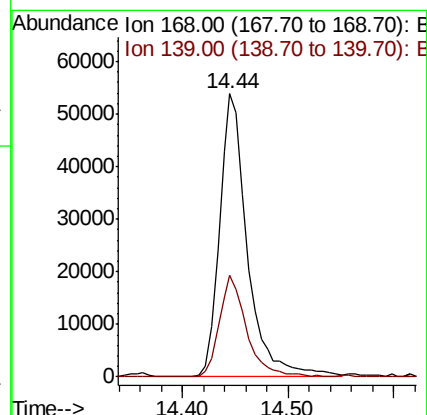
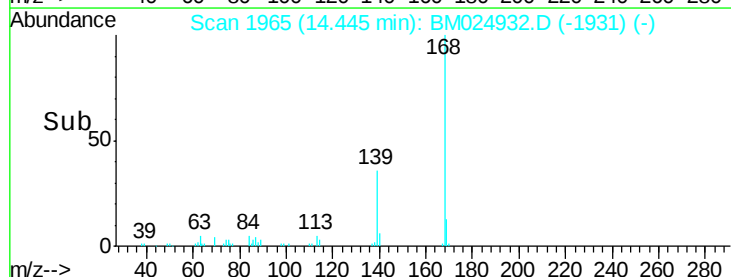
168 100

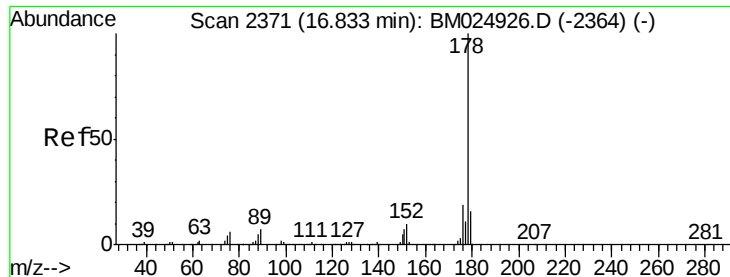
139 35.9 27.8 41.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#70

Phenanthrene

Concen: 1.242 ng/ul

RT: 16.83 min Scan# 2371

Delta R.T. -0.01 min

Lab File: BM024932.D

Acq: 18 Feb 2020 16:10

Instrument :

BNA_M

ClientSampleId :

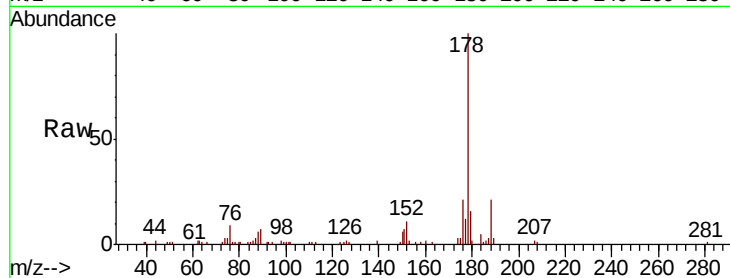
Tot Ion:178 Resp: 98535

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.2

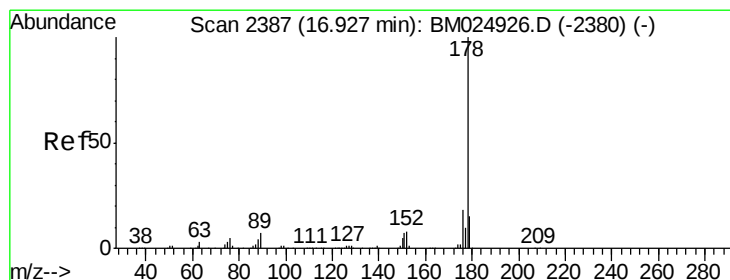
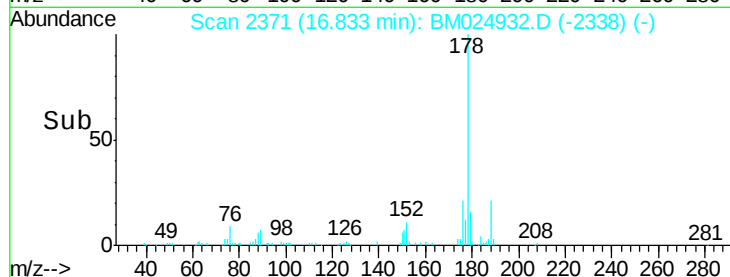
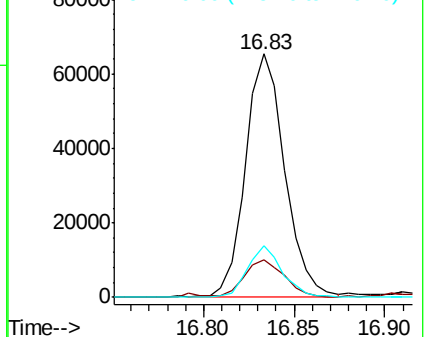
176 21.0 14.5 21.7



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: 1.225 ng/ul

RT: 16.83 min Scan# 2371

Delta R.T. -0.09 min

Lab File: BM024932.D

Acq: 18 Feb 2020 16:10

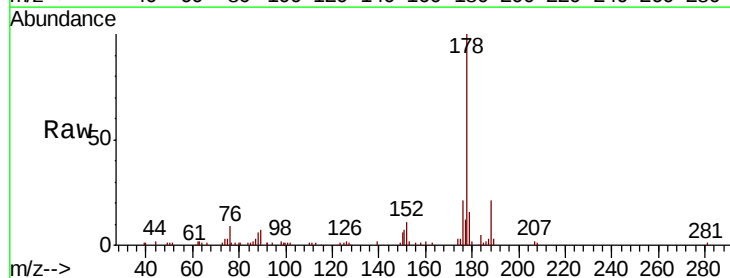
Tgt Ion:178 Resp: 98535

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

176 21.0 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

