

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
 Data File : BM024928.D
 Acq On : 18 Feb 2020 13:46
 Operator : CG/JU
 Sample : L1486-06DL 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBCT6DL

Quant Time: Feb 19 03:54:05 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	307535	20.00	ng/ul	0.00
18) Naphthalene-d8	10.15	136	1111047	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	671186	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	1408452	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	1460761	20.00	ng/ul	0.00
86) Perylene-d12	23.11	264	1547190	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.60	99	13437	0.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	42170	3.65	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	42277	2.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	22927	1.33	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	25675	3.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	24875	2.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	44578	2.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	3641	0.20	ng/ul	0.02
44) Dimethylphthalate-d6	13.46	166	165304	3.26	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	191535	3.24	ng/ul	0.00
52) 4-Nitrophenol-d4	14.31	143	1125	0.14	ng/ul	0.04
58) Fluorene-d10	15.05	176	149823	3.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	13310	1.45	ng/ul	0.00
71) Anthracene-d10	16.89	188	224815	3.50	ng/ul	0.00
79) Pyrene-d10	19.20	212	244606	3.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	254844	3.28	ng/ul	0.00

Target Compounds

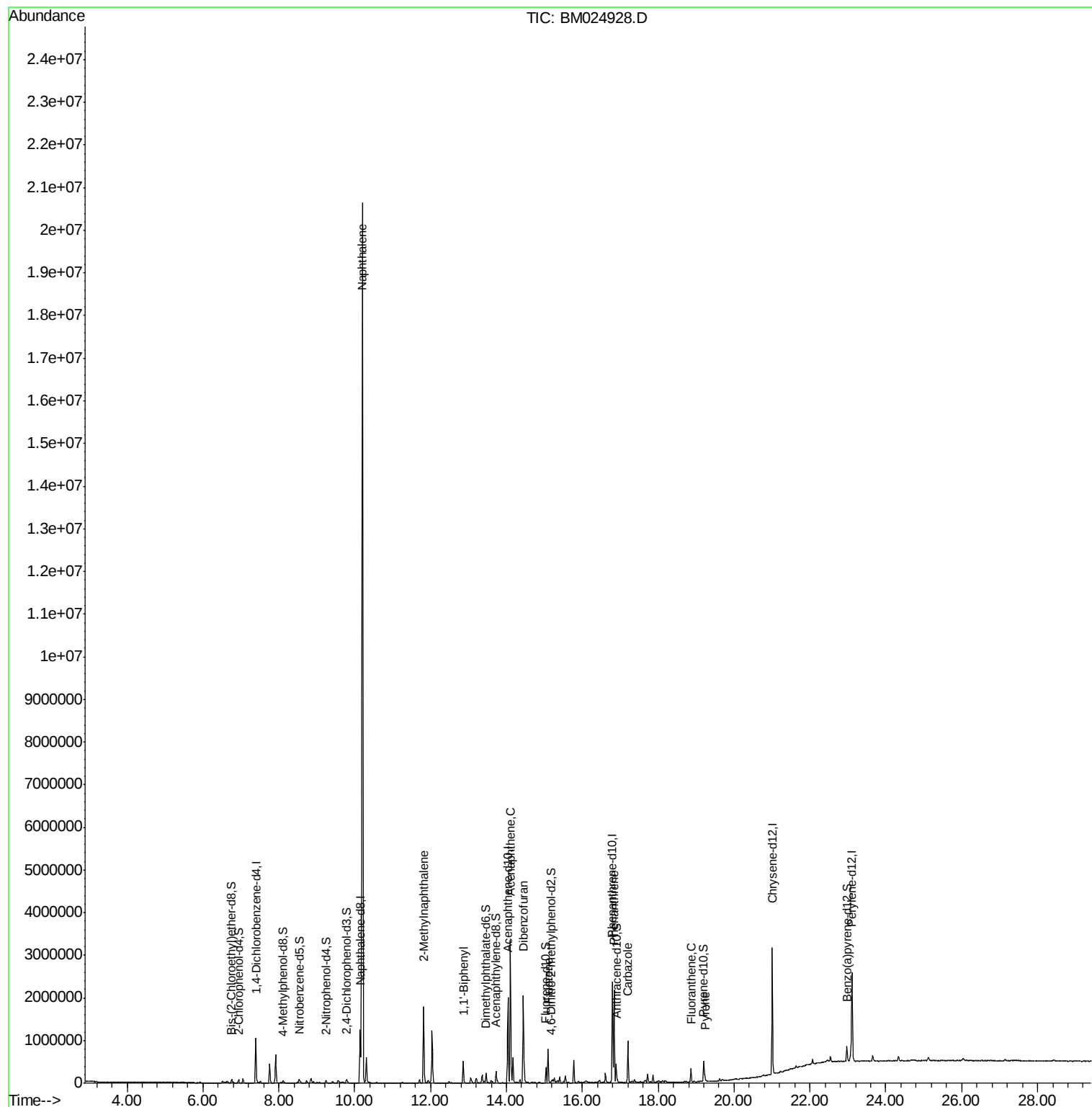
					Ovalue	
28) Naphthalene	10.20	128	16766301	295.349	ng/ul	96
34) 2-Methylnaphthalene	11.82	142	880599	21.059	ng/ul	99
41) 1,1'-Biphenyl	12.86	154	283637	5.724	ng/ul	99
50) Acenaphthene	14.10	153	1339809	32.371	ng/ul	97
54) Dibenzofuran	14.45	168	1309334	21.222	ng/ul	99
59) Fluorene	15.10	166	338904	6.665	ng/ul	99
70) Phenanthrene	16.83	178	1281673	16.689	ng/ul	100
75) Carbazole	17.20	167	639212	9.851	ng/ul	99
77) Fluoranthene	18.86	202	192195	2.039	ng/ul#	95
80) Pyrene	19.23	202	103819	1.074	ng/ul#	92

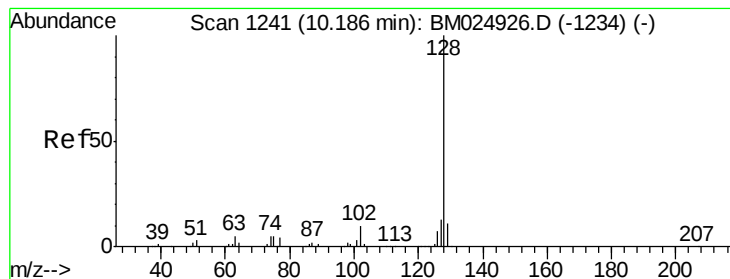
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 295.349 ng/ul

RT: 10.20 min Scan# 1243

Delta R.T. 0.01 min

Lab File: BM024928.D

Acq: 18 Feb 2020 13:46

Instrument :

BNA_M

ClientSampleId :

DBCT6DL

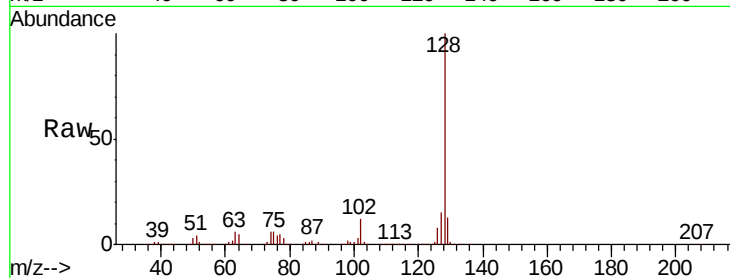
Tot Ion:128 Resp:16766301

Ion Ratio Lower Upper

128 100

129 12.6 9.1 13.7

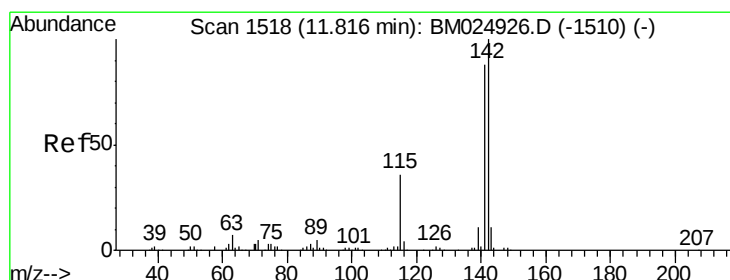
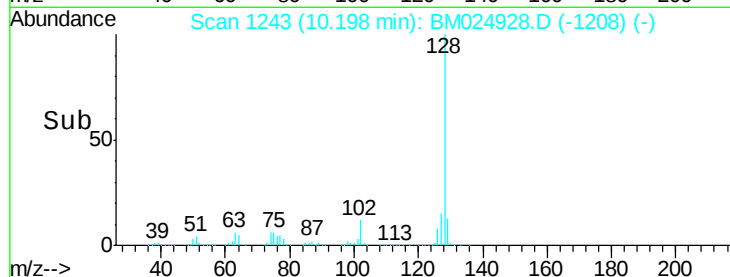
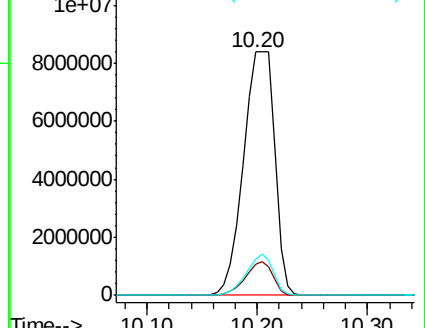
127 15.0 10.4 15.6



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: 21.059 ng/ul

RT: 11.82 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BM024928.D

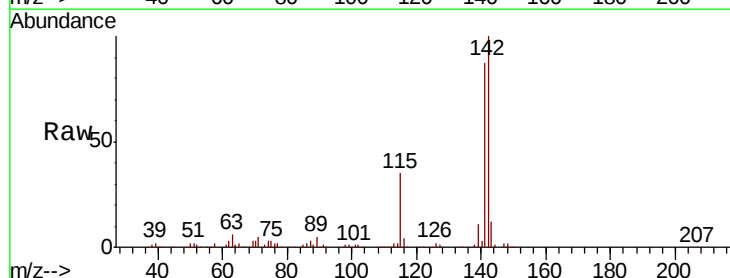
Acq: 18 Feb 2020 13:46

Tgt Ion:142 Resp: 880599

Ion Ratio Lower Upper

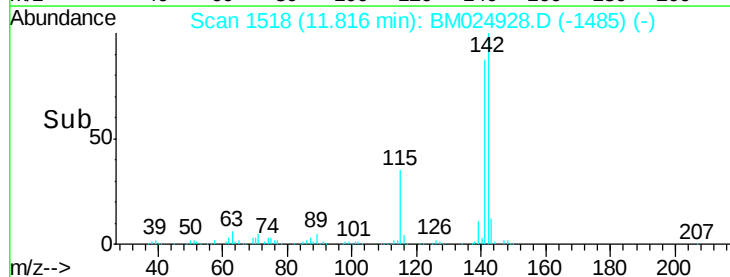
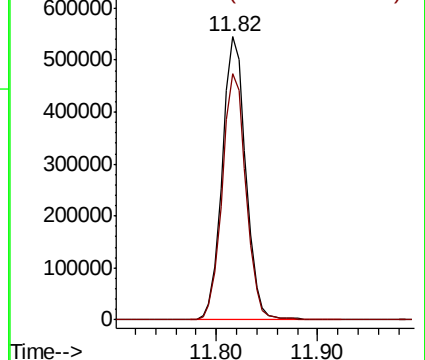
142 100

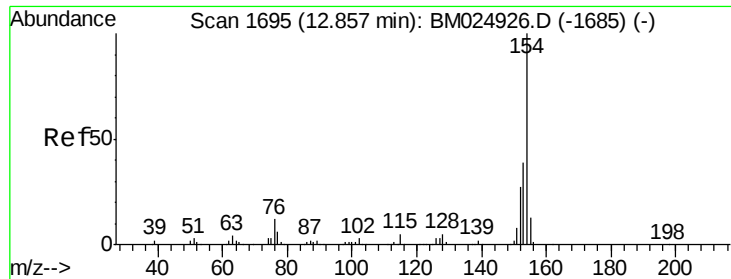
141 87.1 70.5 105.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

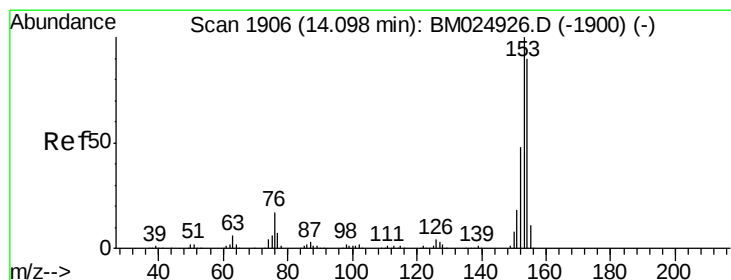
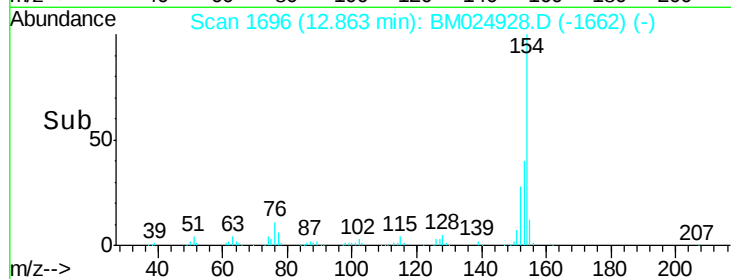
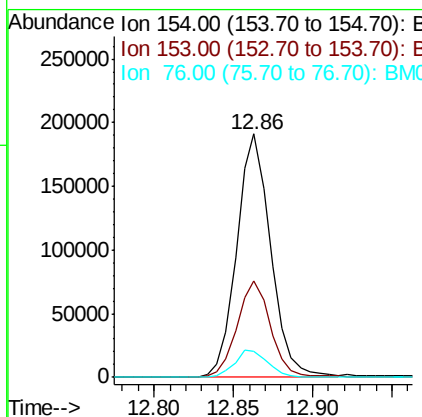
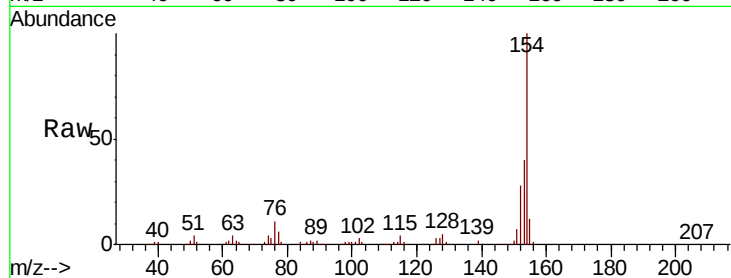




#41
 1,1'-Biphenyl
 Concen: 5.724 ng/ul
 RT: 12.86 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BM024928.D
 Acq: 18 Feb 2020 13:46

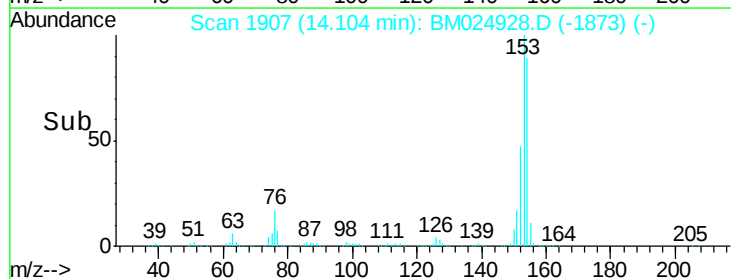
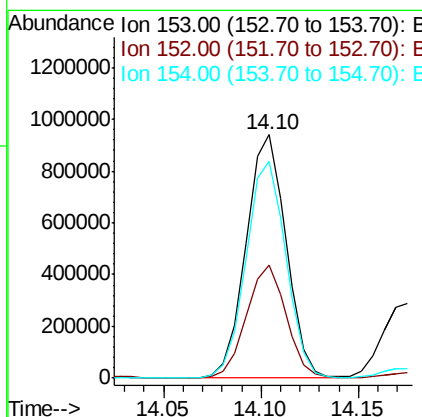
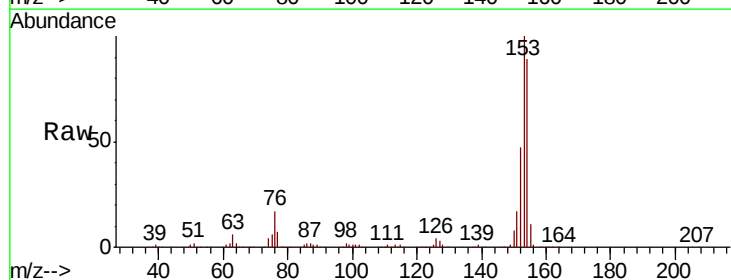
Instrument :
 BNA_M
 ClientSampleId :
 DBCT6DL

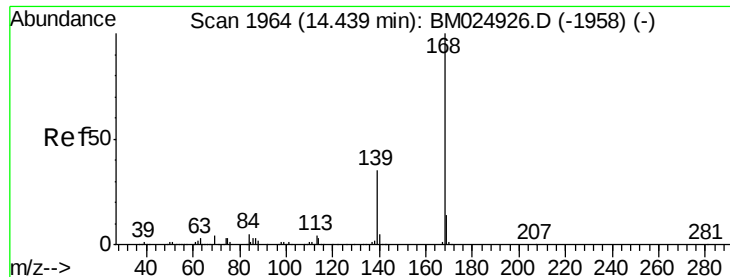
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.7	31.4	47.2
76	10.8	7.5	11.3



#50
 Acenaphthene
 Concen: 32.371 ng/ul
 RT: 14.10 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: BM024928.D
 Acq: 18 Feb 2020 13:46

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.7	37.3	55.9
154	89.0	74.1	111.1





#54

Dibenzofuran

Concen: 21.222 ng/ul

RT: 14.45 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BM024928.D

Acq: 18 Feb 2020 13:46

Instrument :

BNA_M

ClientSampleId :

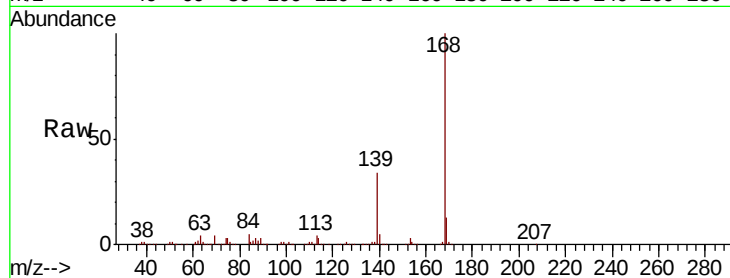
DBCT6DL

Tot Ion:168 Resp: 1309334

Ion Ratio Lower Upper

168 100

139 34.5 27.8 41.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.45

800000

600000

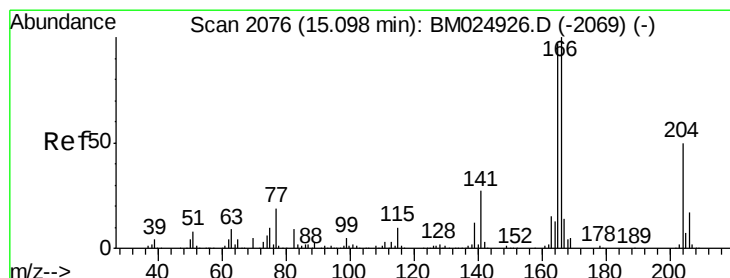
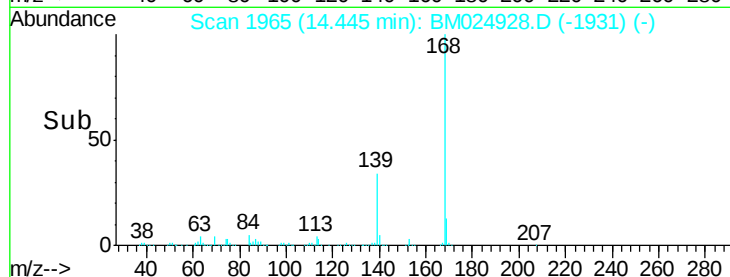
400000

200000

0

14.40 14.50

Time-->



#59

Fluorene

Concen: 6.665 ng/ul

RT: 15.10 min Scan# 2076

Delta R.T. 0.00 min

Lab File: BM024928.D

Acq: 18 Feb 2020 13:46

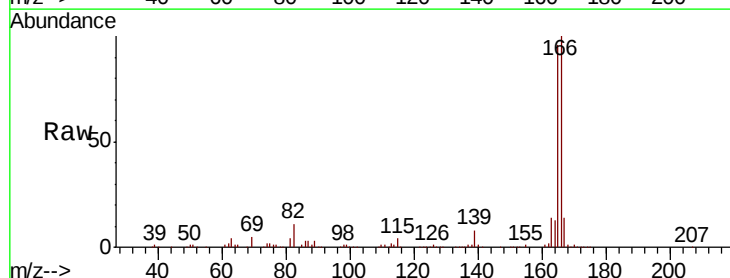
Tgt Ion:166 Resp: 338904

Ion Ratio Lower Upper

166 100

165 95.8 75.8 113.8

167 14.5 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

15.10

300000

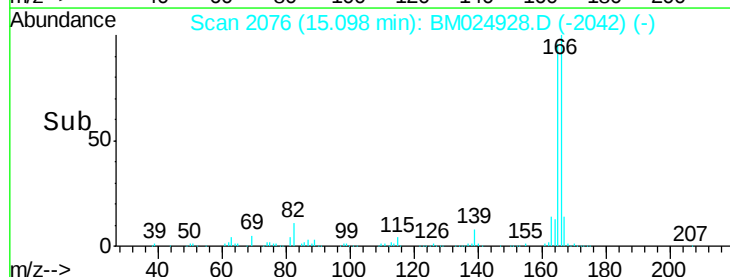
200000

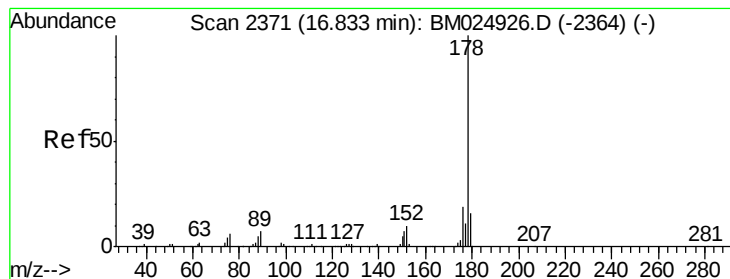
100000

0

15.05 15.10 15.15

Time-->





#70

Phenanthrene

Concen: 16.689 ng/ul

RT: 16.83 min Scan# 2371

Delta R.T. -0.01 min

Lab File: BM024928.D

Acq: 18 Feb 2020 13:46

Instrument :

BNA_M

ClientSampleId :

DBCT6DL

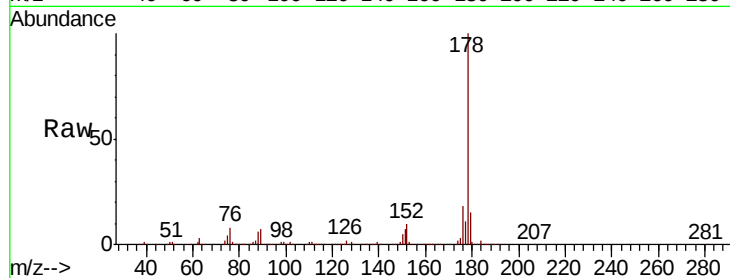
Tot Ion:178 Resp: 1281673

Ion Ratio Lower Upper

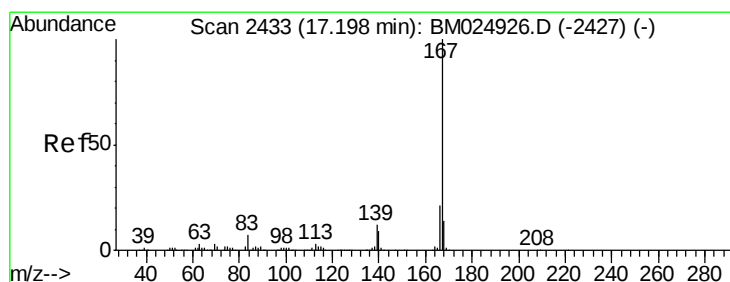
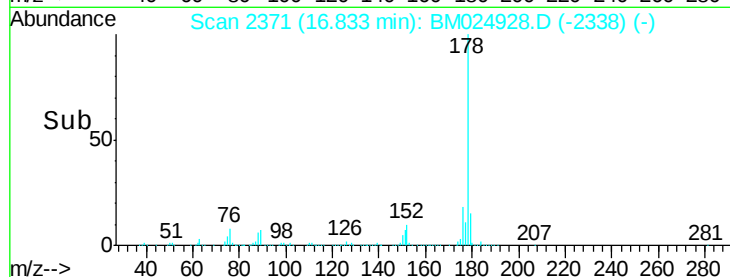
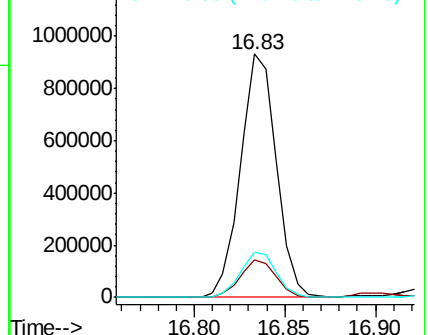
178 100

179 15.2 12.2 18.2

176 18.3 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



#75

Carbazole

Concen: 9.851 ng/ul

RT: 17.20 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BM024928.D

Acq: 18 Feb 2020 13:46

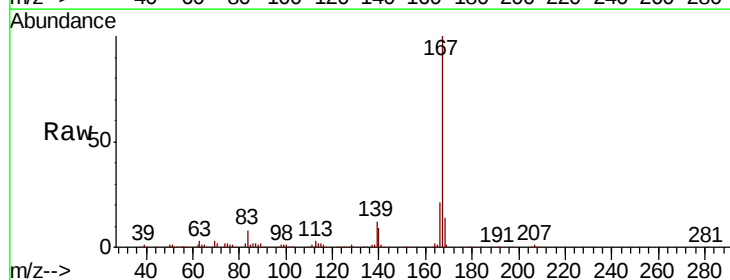
Tgt Ion:167 Resp: 639212

Ion Ratio Lower Upper

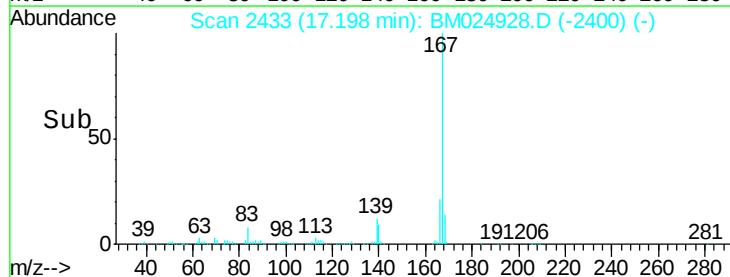
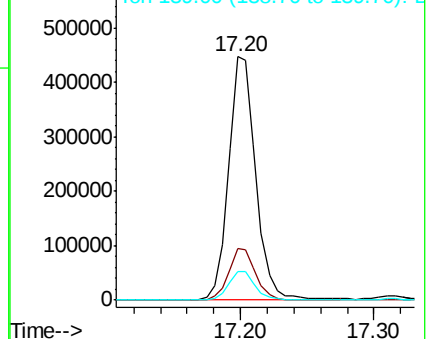
167 100

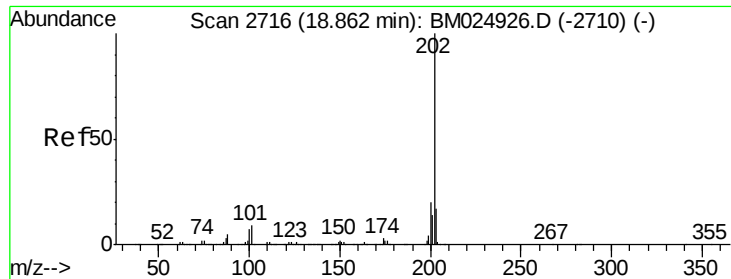
166 21.2 16.6 24.8

139 12.0 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

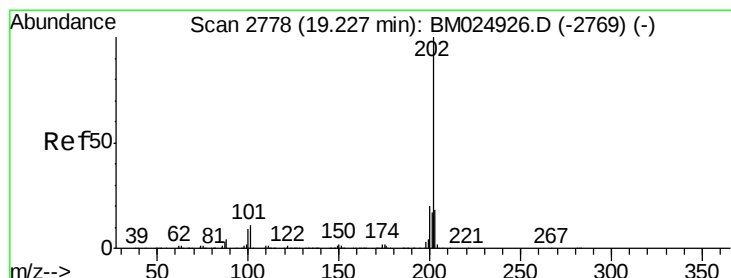
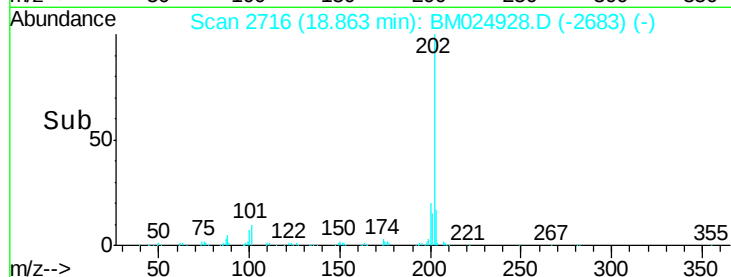
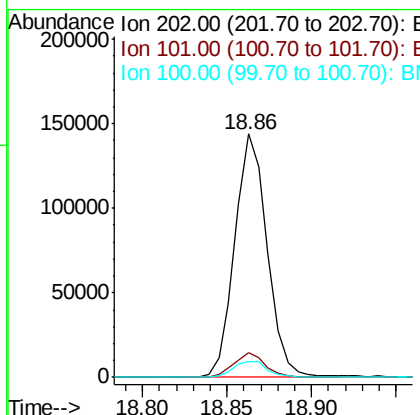
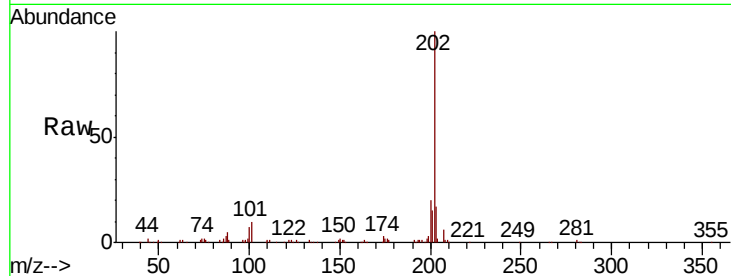




#77
Fluoranthene
 Concen: 2.039 ng/ul
 RT: 18.86 min Scan# 2716
 Delta R.T. -0.01 min
 Lab File: BM024928.D
 Acq: 18 Feb 2020 13:46

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 BNA_M
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 DBCT6DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.0	6.1	9.1#
100	6.6	4.8	7.2



#80
Pyrene
 Concen: 1.074 ng/ul
 RT: 19.23 min Scan# 2778
 Delta R.T. -0.01 min
 Lab File: BM024928.D
 Acq: 18 Feb 2020 13:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	7.0	10.4#
100	8.5	5.8	8.8

