

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
 Data File : BM024935.D
 Acq On : 18 Feb 2020 17:59
 Operator : CG/JU
 Sample : L1486-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 19 03:43:27 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	321470	20.00	ng/ul	0.00
18) Naphthalene-d8	10.14	136	1179600	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.03	164	711712	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	1521161	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	1633168	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	1753759	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	52350	7.83	ng/uL	0.00
5) Phenol-d5	6.59	99	168765	7.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	453315	37.58	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	523025	27.34	ng/ul	-0.01
13) 4-Methylphenol-d8	8.10	113	301333	16.72	ng/ul	-0.01
19) Nitrobenzene-d5	8.53	128	297958	34.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	335471	33.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	577096	28.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	35734	1.88	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	1835961	34.17	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	2178692	34.73	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	42206	4.83	ng/ul	0.00
58) Fluorene-d10	15.04	176	1617629	34.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	273614	27.59	ng/ul	0.00
71) Anthracene-d10	16.89	188	2545681	36.66	ng/ul	0.00
79) Pyrene-d10	19.20	212	2936932	35.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	3310267	37.58	ng/ul	0.00

Target Compounds

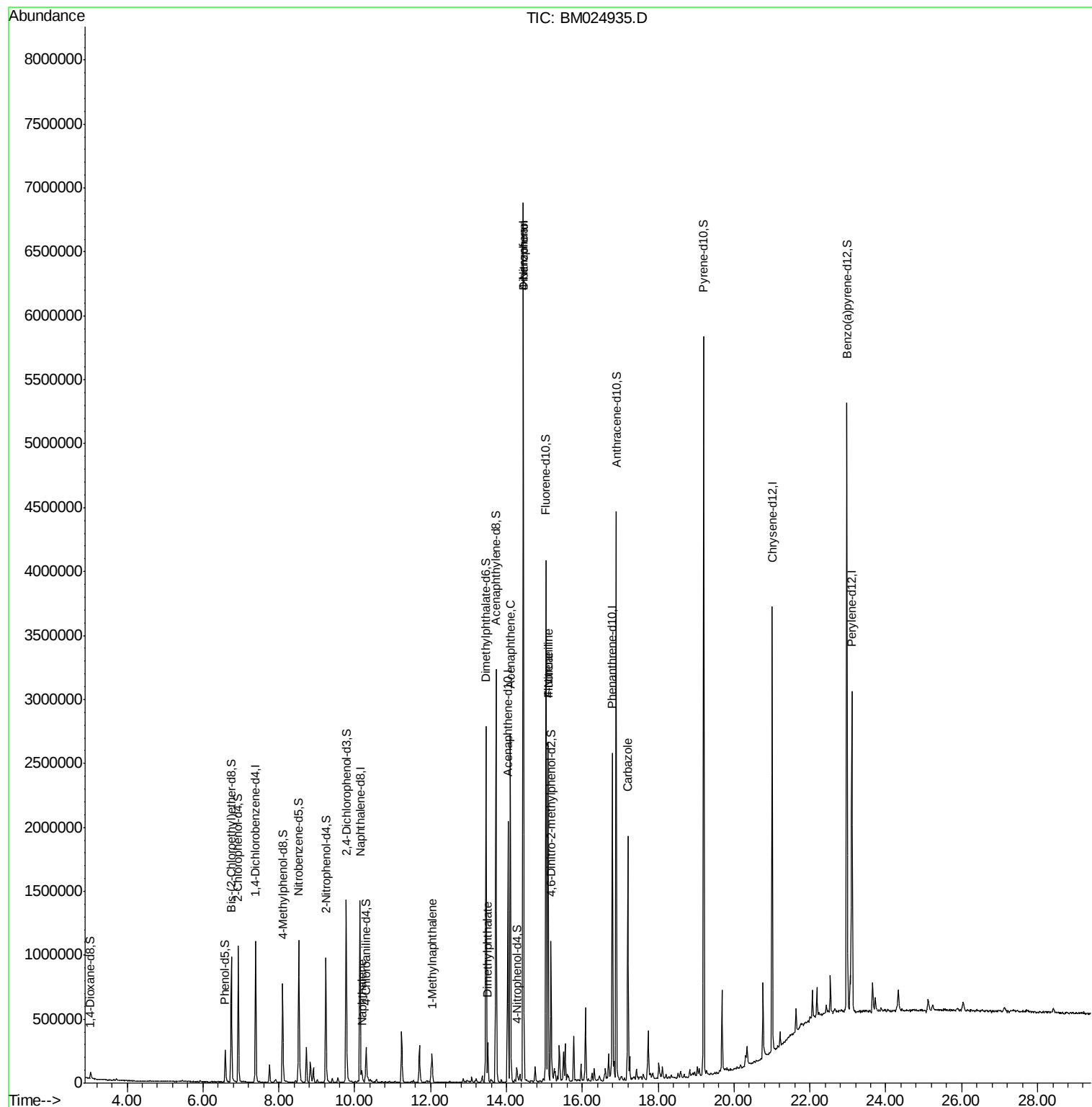
					Ovalue	
28) Naphthalene	10.19	128	74884	1.242	ng/ul	99
35) 1-Methylnaphthalene	12.04	142	105286	2.378	ng/ul#	98
45) Dimethylphthalate	13.51	163	192956	3.443	ng/ul	98
50) Acenaphthene	14.10	153	1107026	25.224	ng/ul	97
53) 4-Nitrophenol	14.44	109	15104	2.118	ng/ul#	1
54) Dibenzofuran	14.45	168	4621005	70.634	ng/ul	100
59) Fluorene	15.10	166	1212572	22.489	ng/ul	99
61) 4-Nitroaniline	15.09	138	13488	1.276	ng/ul#	21
75) Carbazole	17.20	167	1210140	17.269	ng/ul	99

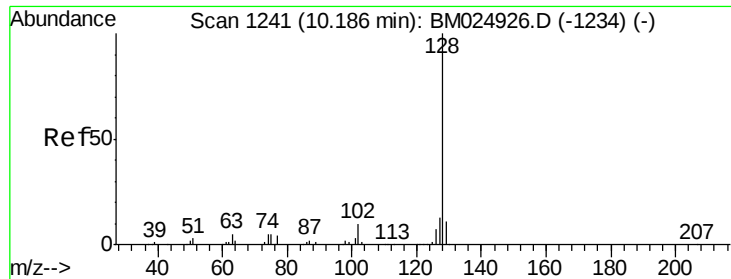
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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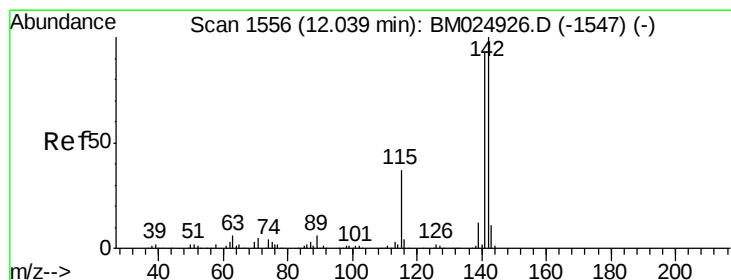
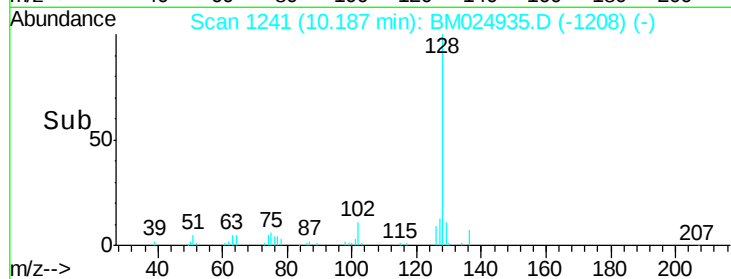
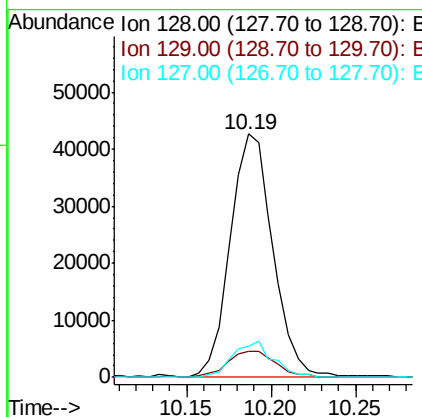
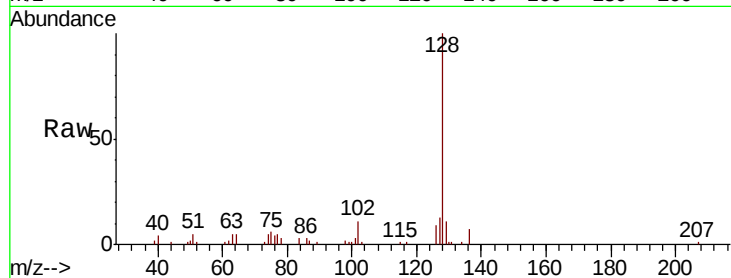




#28
Naphthalene
Concen: 1.242 ng/ul
RT: 10.19 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BM024935.D
Acq: 18 Feb 2020 17:59

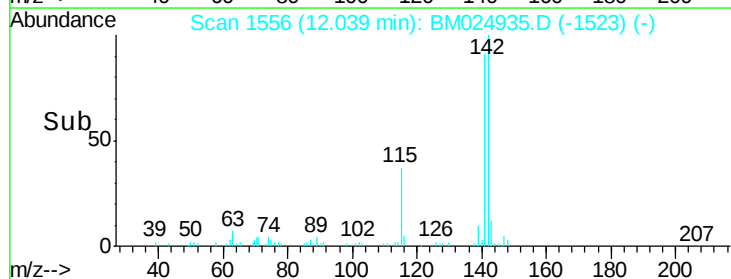
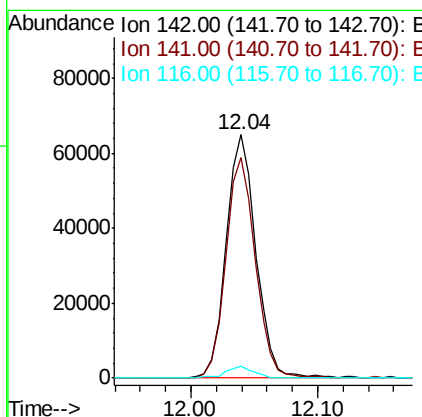
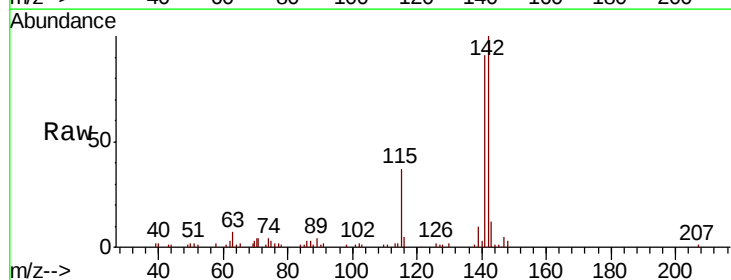
Instrument :
BNA_M
ClientSampled :

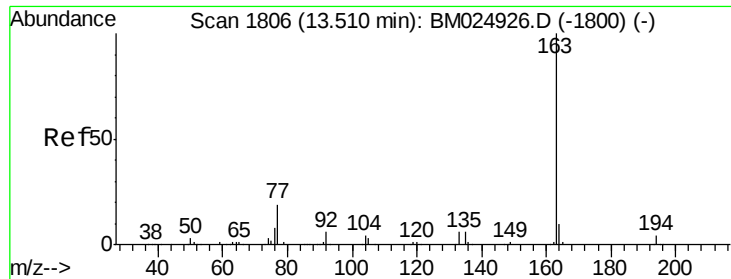
Tot Ion:128 Resp: 74884
Ion Ratio Lower Upper
128 100
129 10.6 9.1 13.7
127 12.7 10.4 15.6



#35
1-Methylnaphthalene
Concen: 2.378 ng/ul
RT: 12.04 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BM024935.D
Acq: 18 Feb 2020 17:59

Tgt Ion:142 Resp: 105286
Ion Ratio Lower Upper
142 100
141 90.9 74.1 111.1
116 4.7 3.0 4.4#

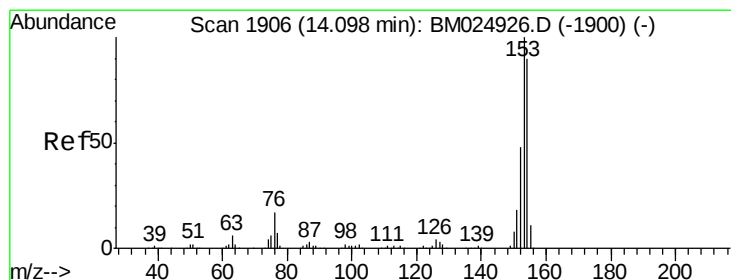
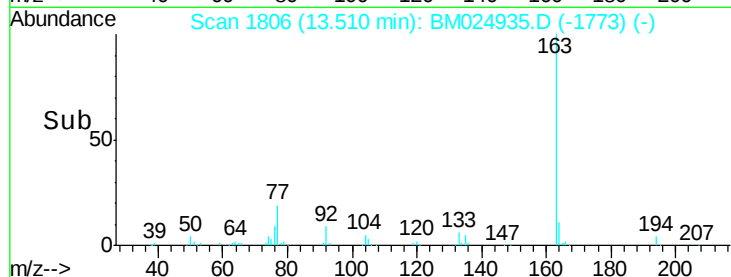
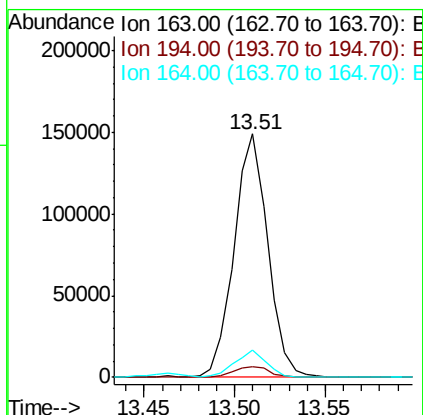
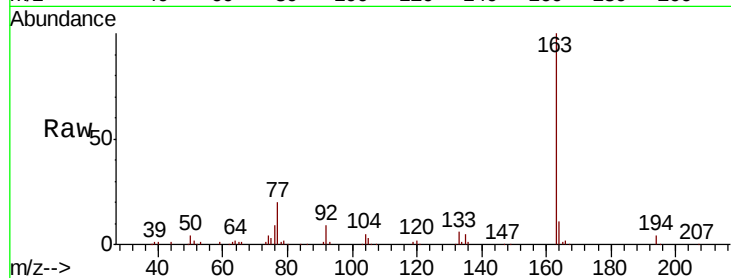




#45
Dimethylphthalate
Concen: 3.443 ng/ul
RT: 13.51 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BM024935.D
Acq: 18 Feb 2020 17:59

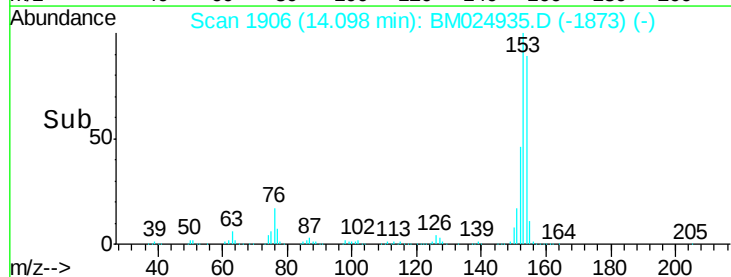
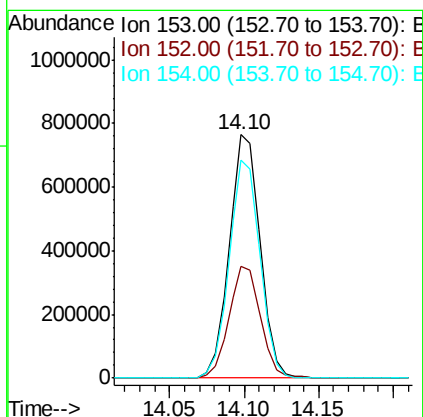
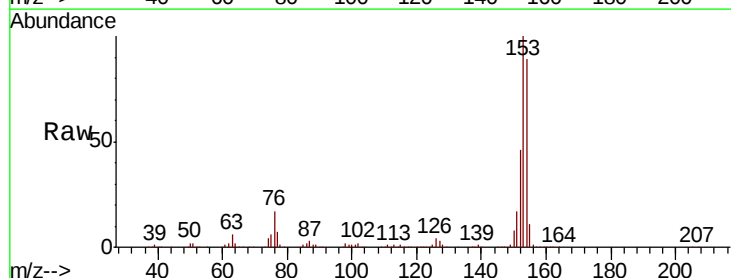
Instrument :
BNA_M
ClientSampleId :

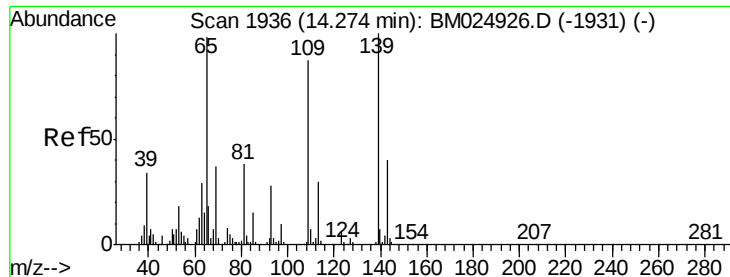
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	11.2	8.2	12.2



#50
Acenaphthene
Concen: 25.224 ng/ul
RT: 14.10 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BM024935.D
Acq: 18 Feb 2020 17:59

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.0	37.3	55.9
154	89.3	74.1	111.1





#53

4-Nitrophenol

Concen: 2.118 ng/ul

RT: 14.44 min Scan# 1964

Delta R.T. 0.15 min

Lab File: BM024935.D

Acq: 18 Feb 2020 17:59

Instrument :

BNA_M

ClientSampleId :

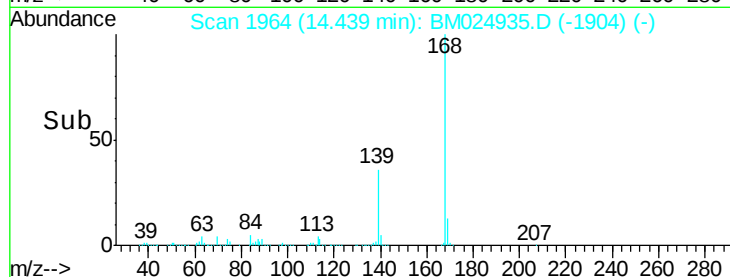
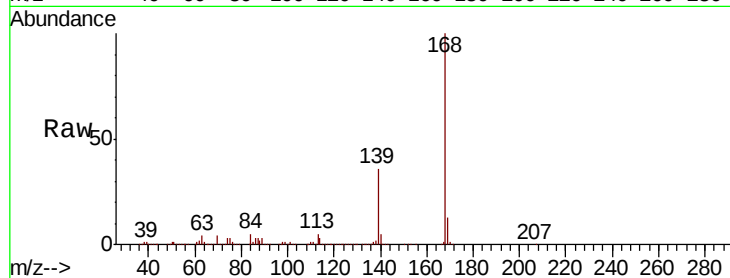
Tot Ion:109 Resp: 15104

Ion Ratio Lower Upper

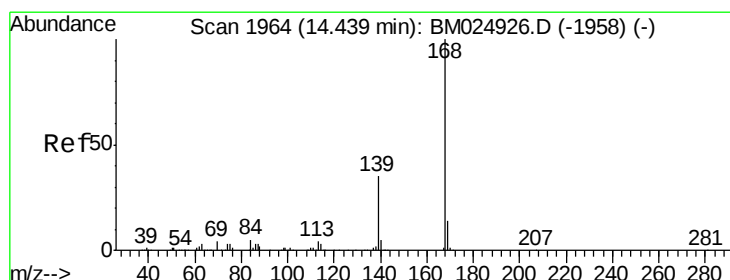
109 100

139 9707.9 103.8 155.8#

65 131.0 87.0 130.4#



Time-->



#54

Dibenzofuran

Concen: 70.634 ng/ul

RT: 14.45 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BM024935.D

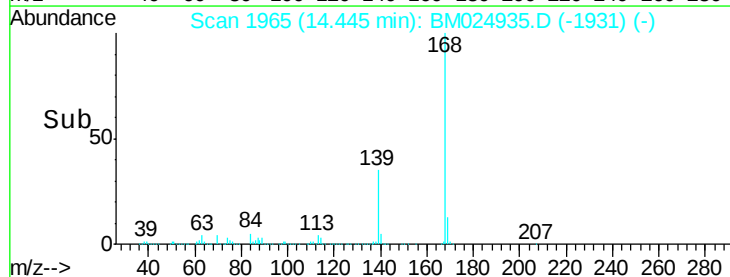
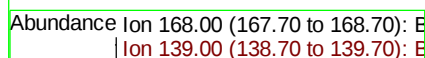
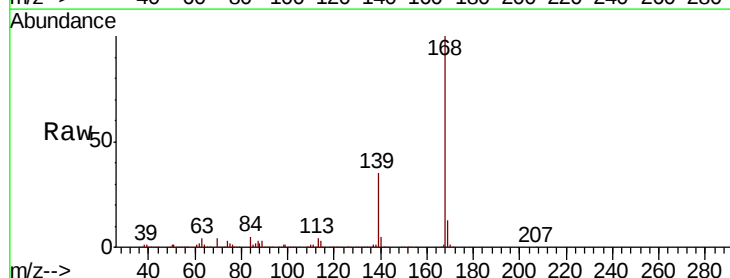
Acq: 18 Feb 2020 17:59

Tgt Ion:168 Resp: 4621005

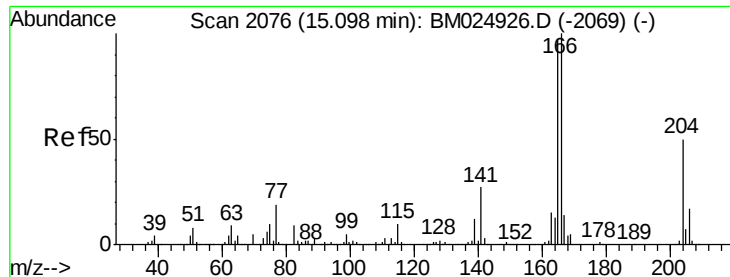
Ion Ratio Lower Upper

168 100

139 34.8 27.8 41.8



Time-->



#59

Fluorene

Concen: 22.489 ng/ul

RT: 15.10 min Scan# 2076

Delta R.T. 0.00 min

Lab File: BM024935.D

Acq: 18 Feb 2020 17:59

Instrument :

BNA_M

ClientSampled :

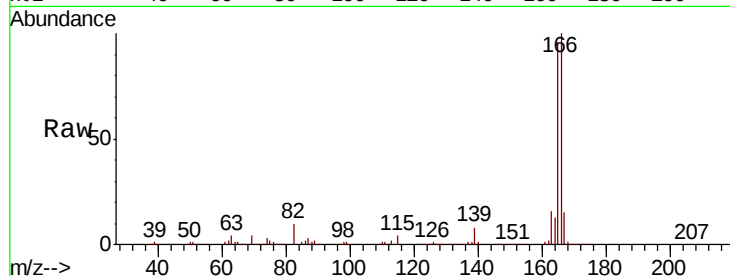
Tot Ion:166 Resp: 1212572

Ion Ratio Lower Upper

166 100

165 95.5 75.8 113.8

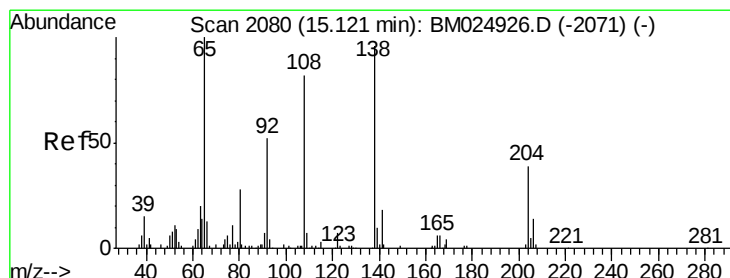
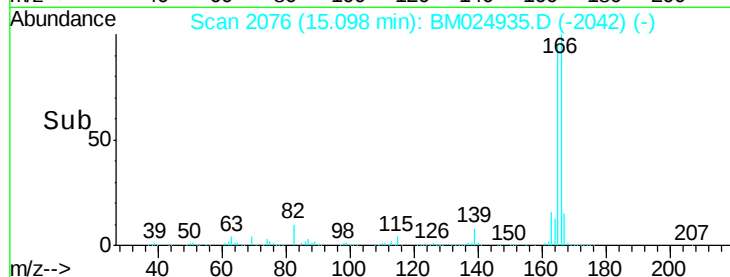
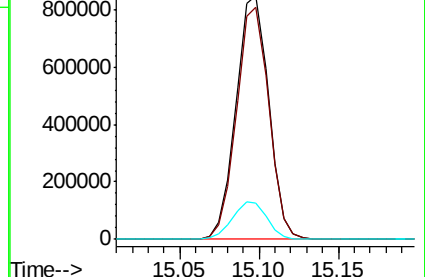
167 14.8 10.6 16.0



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



#61

4-Nitroaniline

Concen: 1.276 ng/ul

RT: 15.09 min Scan# 2075

Delta R.T. -0.04 min

Lab File: BM024935.D

Acq: 18 Feb 2020 17:59

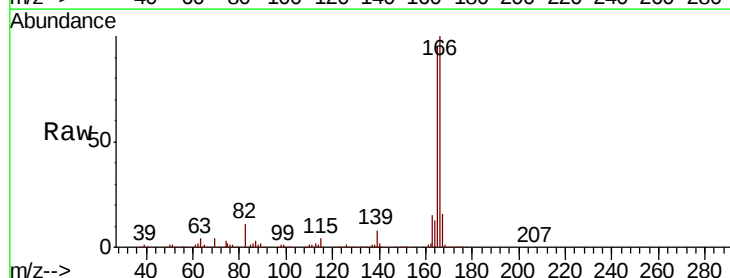
Tgt Ion:138 Resp: 13488

Ion Ratio Lower Upper

138 100

92 0.0 38.0 57.0#

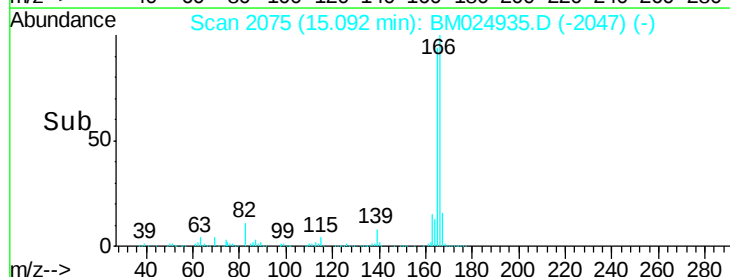
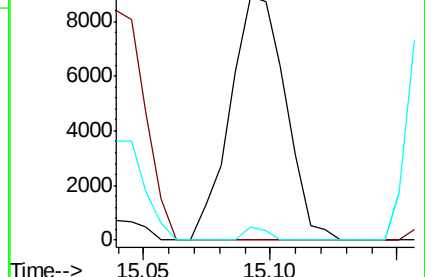
108 5.3 62.1 93.1#

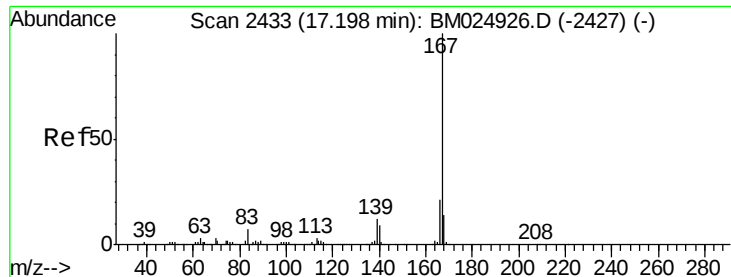


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E





#75

Carbazole

Concen: 17.269 ng/ul

RT: 17.20 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BM024935.D

Acq: 18 Feb 2020 17:59

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ClientSampleId :

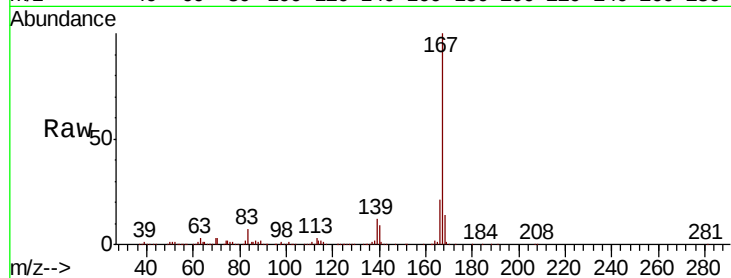
Tot Ion:167 Resp: 1210140

Ion Ratio Lower Upper

167 100

166 21.2 16.6 24.8

139 12.1 9.3 13.9



Abundance Ion 167.00 (166.70 to 167.70): E
1200000
Ion 166.00 (165.70 to 166.70): E
1000000
Ion 139.00 (138.70 to 139.70): E

