

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051821\
 Data File : BM030071.D
 Acq On : 18 May 2021 18:39
 Operator : CG/JU
 Sample : M2445-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG1Z3

Manual Integrations
 APPROVED

mohammad
 5/19/2021 11:38:47 AM

Quant Time: May 19 01:35:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 18 16:38:21 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	118129	20.00	ng/ul	0.00
20) Naphthalene-d8	10.29	136	542304	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.17	164	378207	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.92	188	825775	20.00	ng/ul	0.00
79) Chrysene-d12	21.11	240	901573	20.00	ng/ul	0.00
88) Perylene-d12	23.26	264	957198	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	4834m	1.63	ng/uL	0.02
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	6.72	99	59239	5.39	ng/ul	0.01
9) Bis-(2-Chloroethyl)ether-d	6.87	67	182192	26.75	ng/ul	0.00
11) 2-Chlorophenol-d4	7.06	132	199594	23.54	ng/ul	0.00
15) 4-Methylphenol-d8	8.24	113	119950	13.20	ng/ul	0.00
21) Nitrobenzene-d5	8.67	128	111604	29.86	ng/ul	0.00
24) 2-Nitrophenol-d4	9.39	143	127445	30.21	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.93	165	205777	24.33	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	15917m	1.24	ng/ul	0.05
46) Dimethylphthalate-d6	13.59	166	957930	32.68	ng/ul	0.00
49) Acenaphthylene-d8	13.86	160	1096118	29.50	ng/ul	0.00
54) 4-Nitrophenol-d4	14.44	143	18846m	3.95	ng/ul	0.04
60) Fluorene-d10	15.17	176	827696	33.26	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.31	200	167585	31.24	ng/ul	0.00
73) Anthracene-d10	17.02	188	1401118	33.69	ng/ul	0.00
81) Pyrene-d10	19.32	212	1716904	37.12	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.12	264	1928117	35.53	ng/ul	0.00

Target Compounds

					Ovalue	
30) Naphthalene	10.34	128	42638	1.416	ng/ul	97
37) 1-Methylnaphthalene	12.19	142	66521	3.074	ng/ul	100
47) Dimethylphthalate	13.64	163	56801	1.935	ng/ul	98
52) Acenaphthene	14.23	153	454997	17.918	ng/ul	99
56) Dibenzofuran	14.58	168	39171	1.126	ng/ul	98
61) Fluorene	15.22	166	237607	7.992	ng/ul	99
72) Phenanthrene	16.96	178	314642	6.462	ng/ul	99
74) Anthracene	17.05	178	80536	1.618	ng/ul	98
80) Fluoranthene	18.98	202	233081	4.141	ng/ul	98
82) Pyrene	19.34	202	182759	3.085	ng/ul	98

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

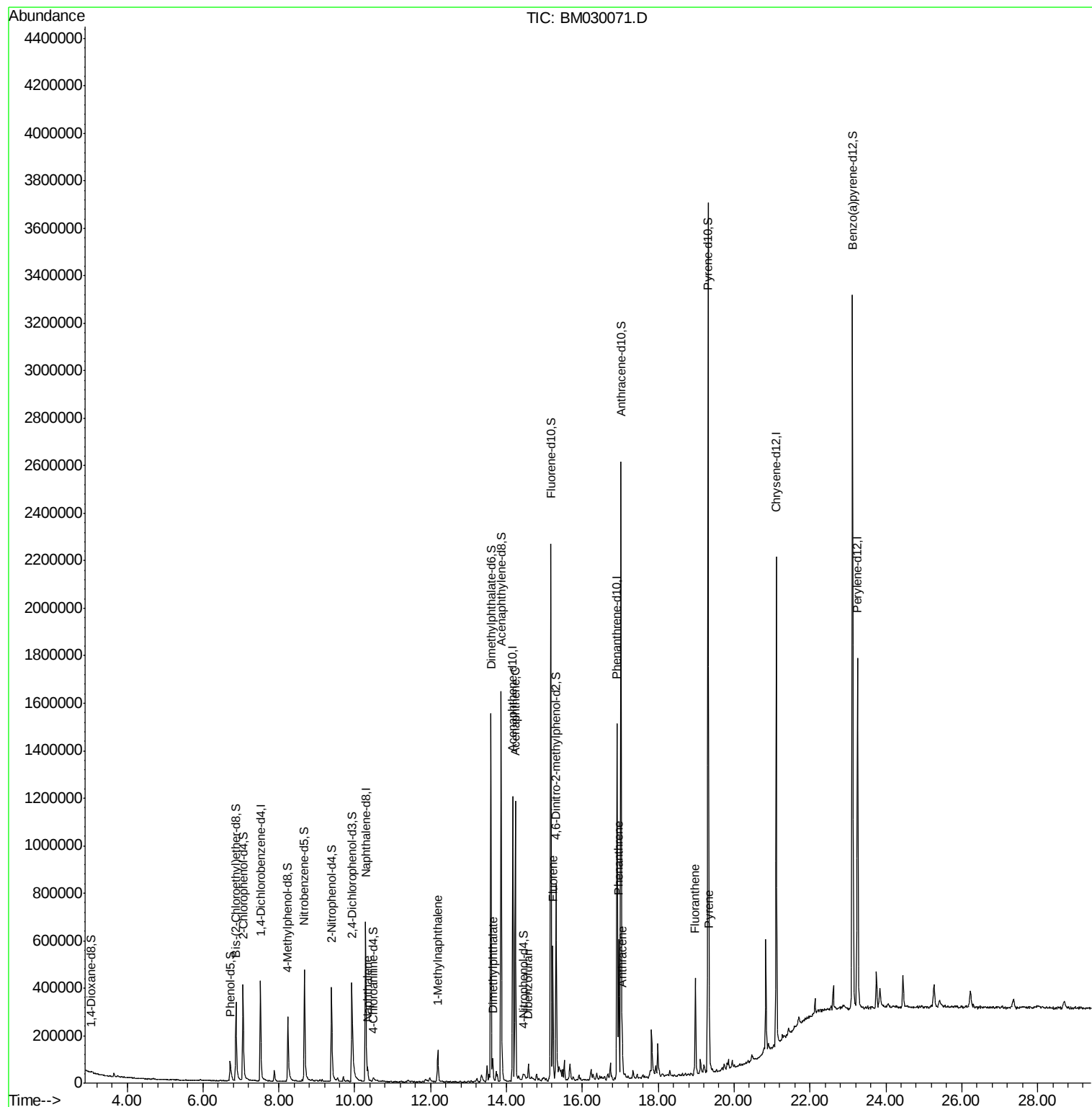
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051821\
Data File : BM030071.D
Acq On : 18 May 2021 18:39
Operator : CG/JU
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ALS Vial : 10 Sample Multiplier: 1

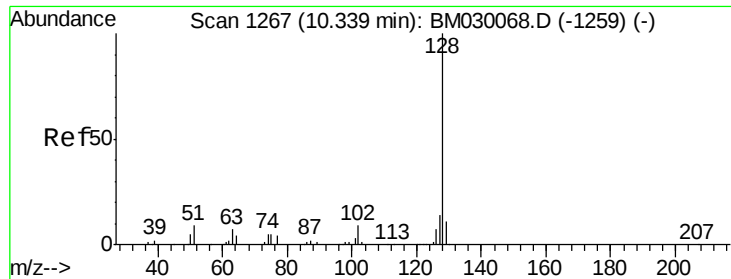
Instrument :
BNA_M
ClientSampleId :
BG1Z3

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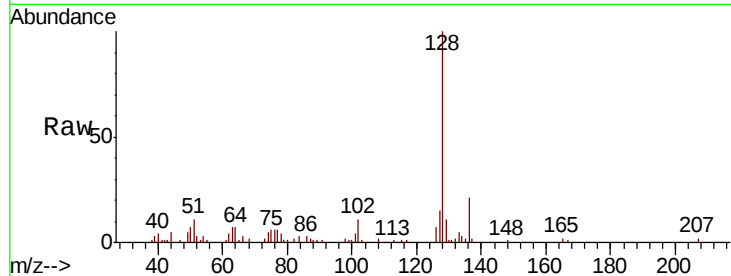
#30
Naphthalene
Concen: 1.416 ng/ul
RT: 10.34 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BM030071.D
Acq: 18 May 2021 18:39

Instrument :
BNA_M
ClientSampled :
BG1Z3

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.5	12.7
127	14.8	10.4	15.6

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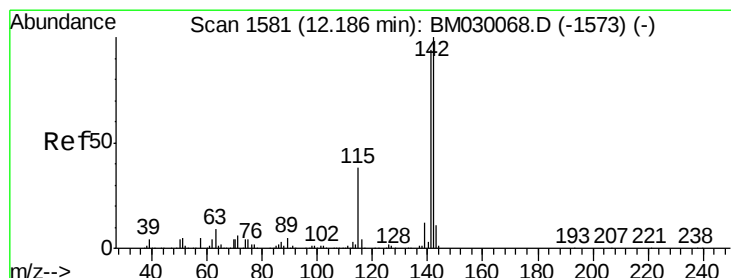
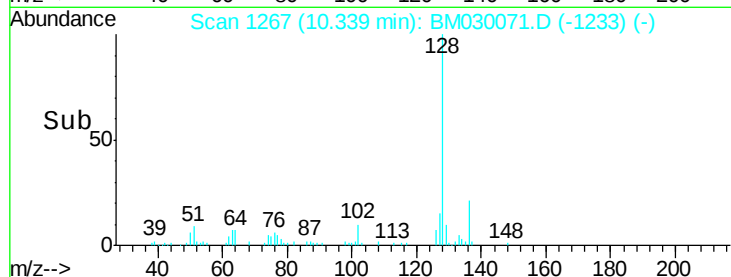
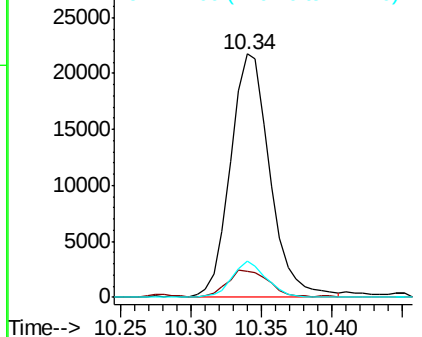


Abundance

Ion 128.00 (127.70 to 128.70): E

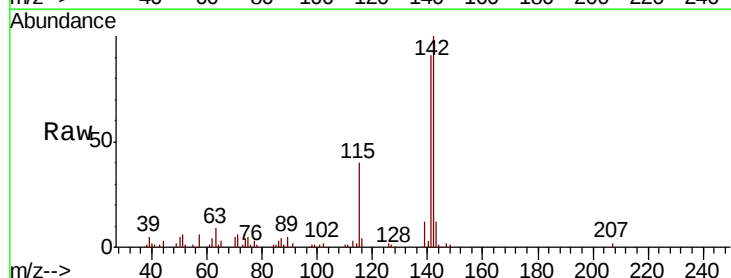
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37
1-Methylnaphthalene
Concen: 3.074 ng/ul
RT: 12.19 min Scan# 1582
Delta R.T. 0.01 min
Lab File: BM030071.D
Acq: 18 May 2021 18:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.9	109.3
116	4.2	3.0	4.6

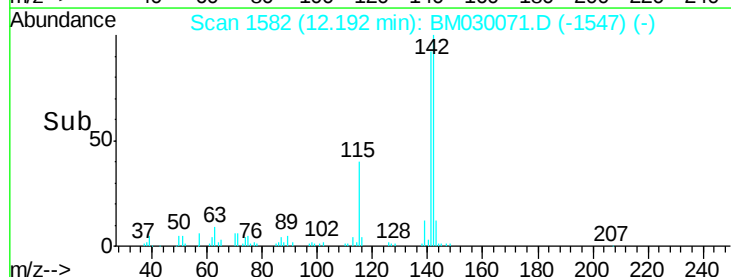
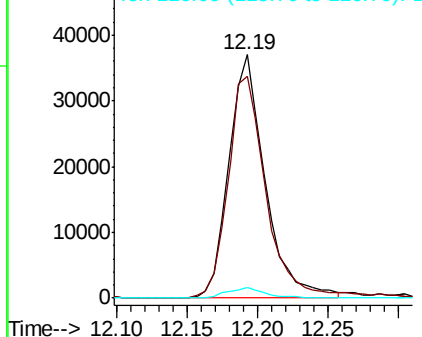


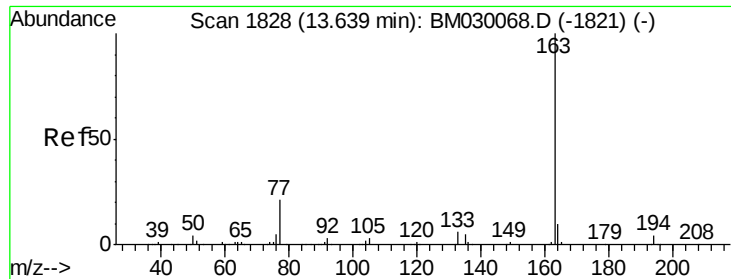
Abundance

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





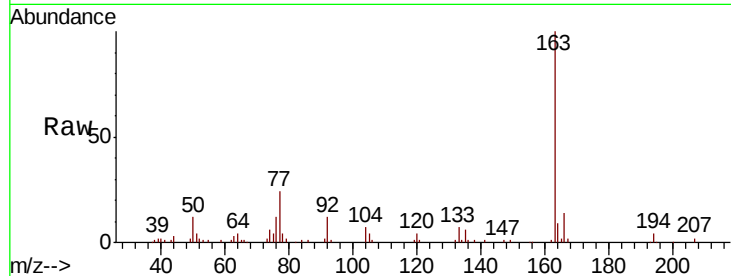
#47
Dimethylphthalate
Concen: 1.935 ng/ul
RT: 13.64 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BM030071.D
Acq: 18 May 2021 18:39

Instrument :
BNA_M
ClientSampleId :
BG1Z3

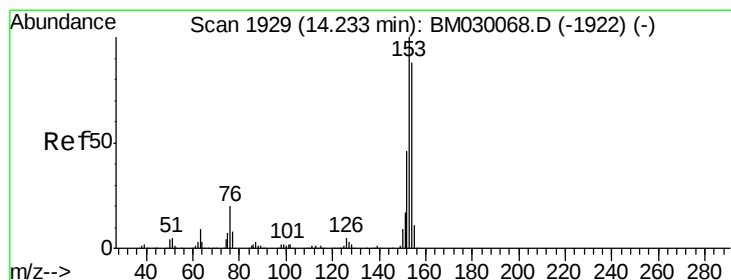
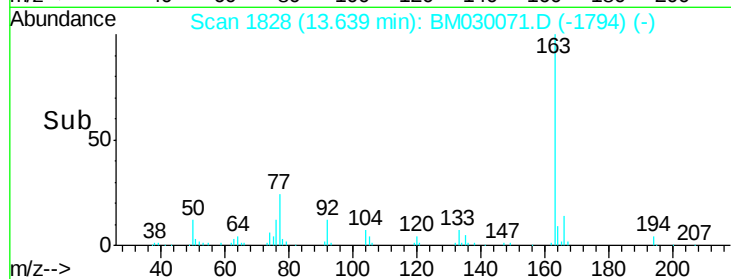
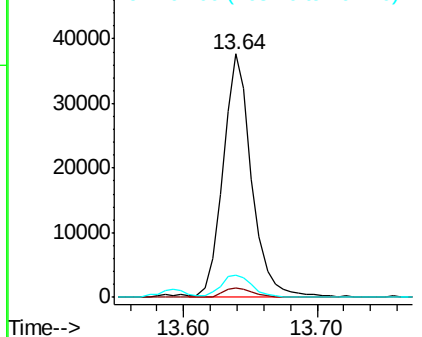
Tot Ion:	163	Resp:	56801
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.4	5.0
164	9.1	7.8	11.8

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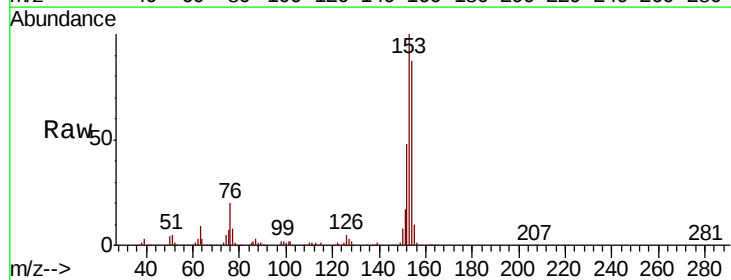


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

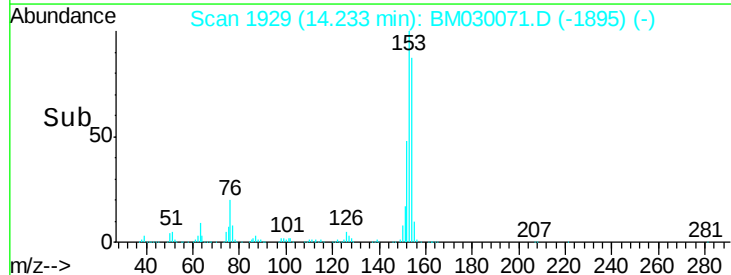
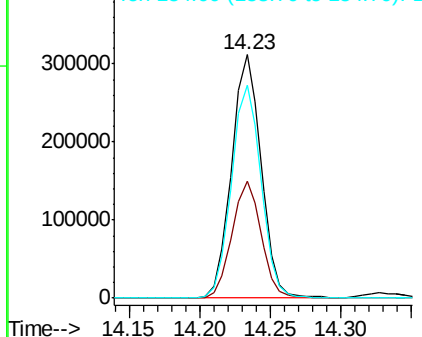


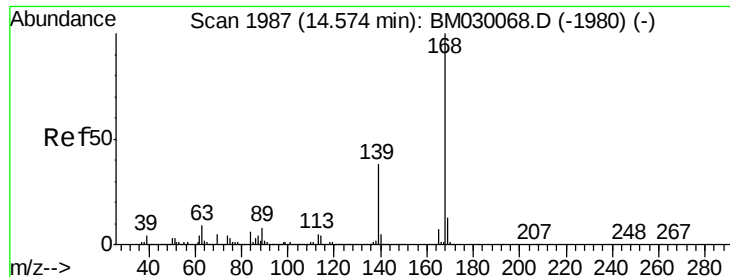
#52
Acenaphthene
Concen: 17.918 ng/ul
RT: 14.23 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BM030071.D
Acq: 18 May 2021 18:39

Tgt Ion:	153	Resp:	454997
Ion Ratio	Lower	Upper	
153	100		
152	48.0	37.7	56.5
154	87.2	70.2	105.4



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





#56

Dibenzofuran

Concen: 1.126 ng/ul

RT: 14.58 min Scan# 1988

Delta R.T. 0.01 min

Lab File: BM030071.D

Acq: 18 May 2021 18:39

Instrument :

BNA_M

ClientSampled :

BG1Z3

Tot Ion:168 Resp: 39171

Ion Ratio Lower Upper

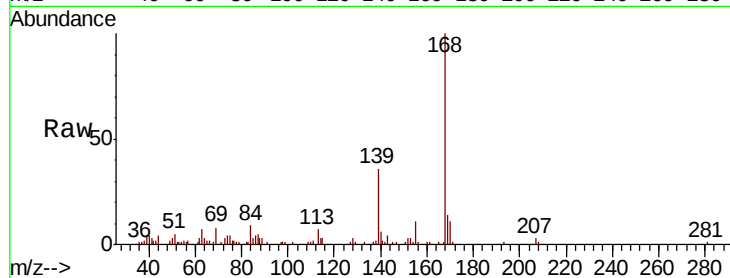
168 100

139 35.8 29.8 44.6

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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

25000

20000

15000

10000

5000

0

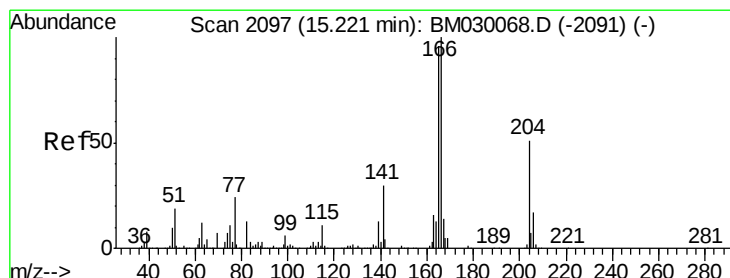
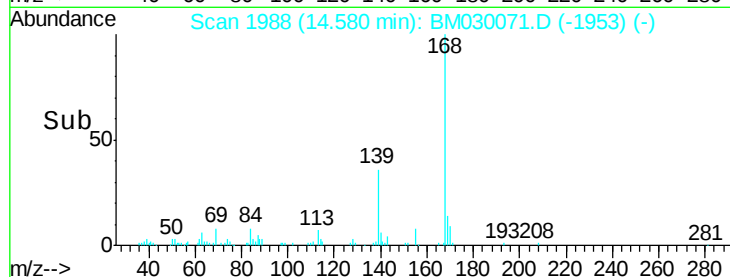
14.58

14.55

14.60

14.65

Time-->



#61

Fluorene

Concen: 7.992 ng/ul

RT: 15.22 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BM030071.D

Acq: 18 May 2021 18:39

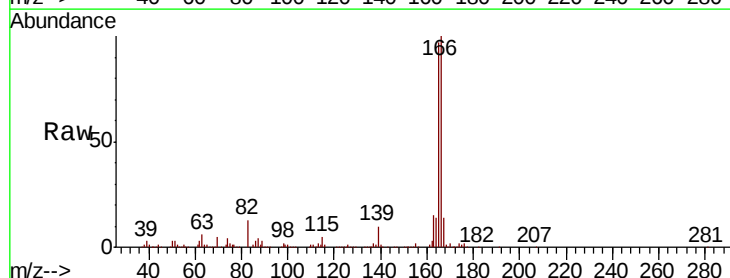
Tgt Ion:166 Resp: 237607

Ion Ratio Lower Upper

166 100

165 96.6 78.4 117.6

167 13.9 10.9 16.3



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

200000

150000

100000

50000

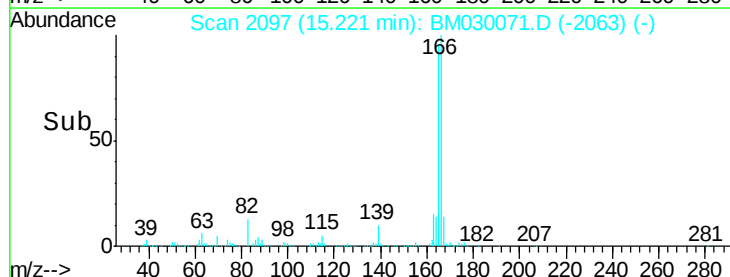
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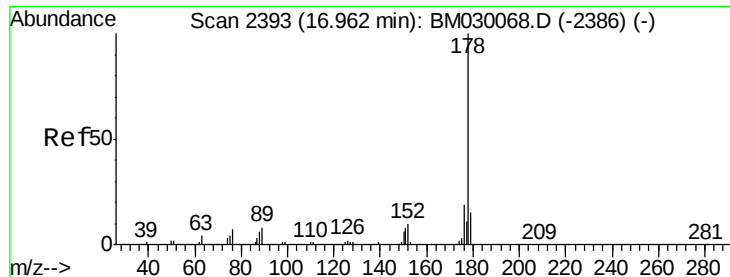
15.22

15.20

15.30

Time-->





#72

Phenanthrene

Concen: 6.462 ng/ul

RT: 16.96 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BM030071.D

Acq: 18 May 2021 18:39

Instrument :

BNA_M

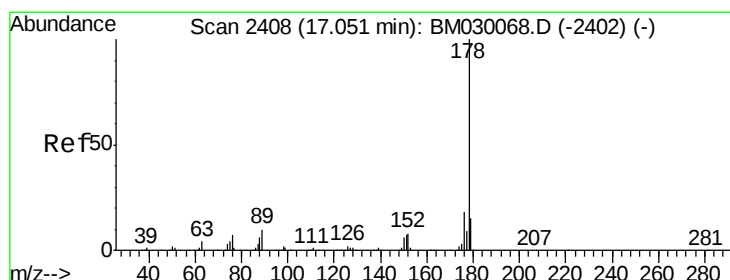
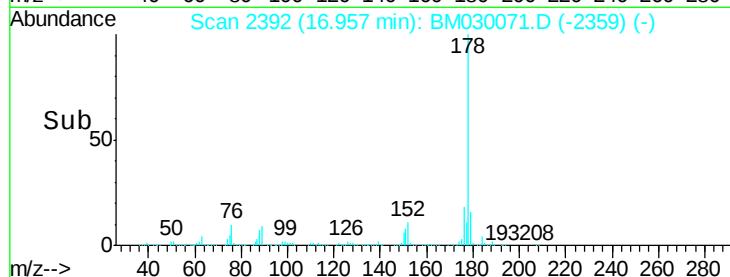
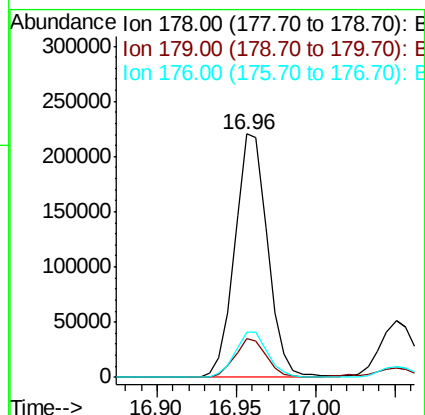
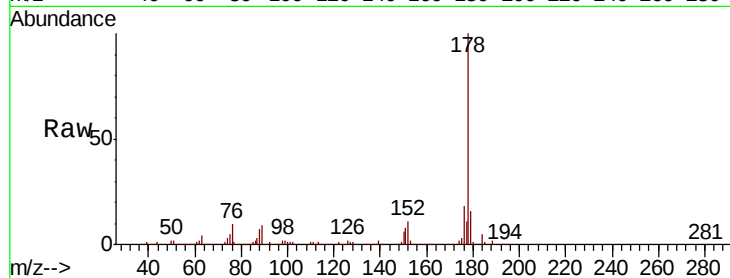
ClientSampleId :

BG1Z3

Tot Ion:	178	Resp:	314642
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.2	18.4
176	18.3	15.0	22.4

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#74

Anthracene

Concen: 1.618 ng/ul

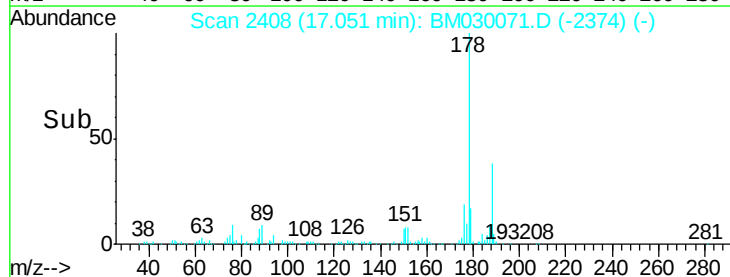
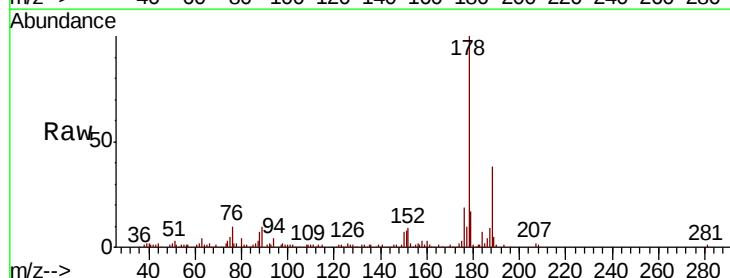
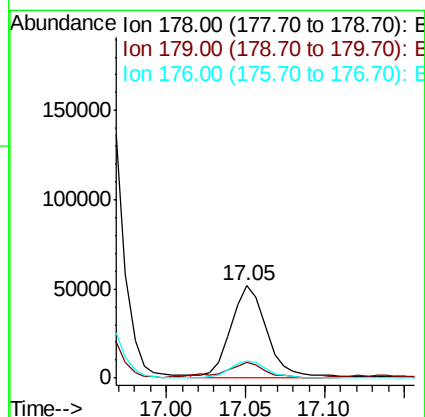
RT: 17.05 min Scan# 2408

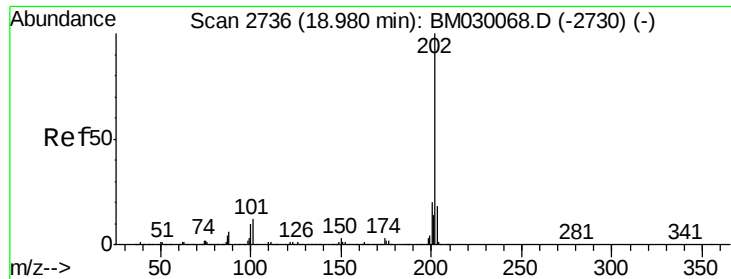
Delta R.T. 0.00 min

Lab File: BM030071.D

Acq: 18 May 2021 18:39

Tgt Ion:	178	Resp:	80536
Ion Ratio	Lower	Upper	
178	100		
179	16.8	12.2	18.2
176	18.7	14.9	22.3





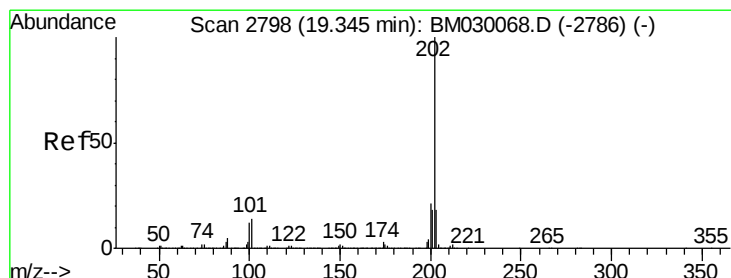
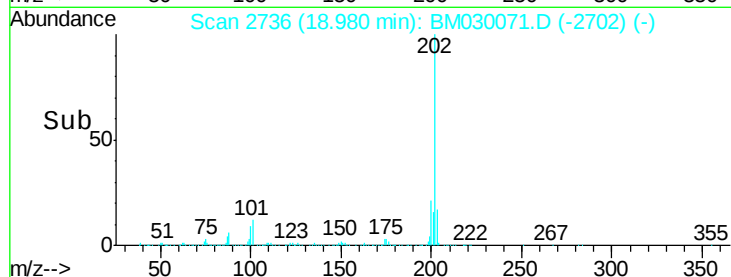
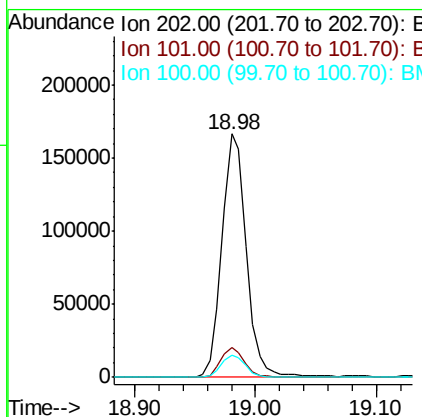
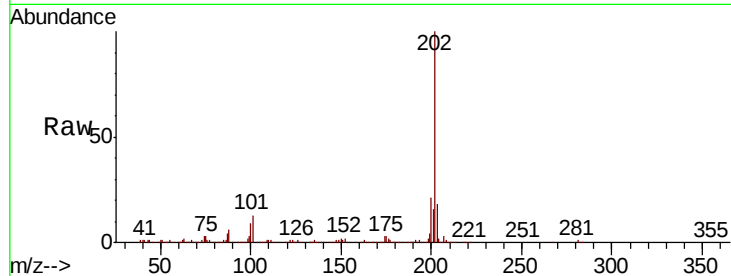
#80
Fluoranthene
Concen: 4.141 ng/ul
RT: 18.98 min Scan# 2736
Delta R.T. 0.00 min
Lab File: BM030071.D
Acq: 18 May 2021 18:39

Instrument :
BNA_M
ClientSampleId :
BG1Z3

Tot Ion	Ratio	Resp	Lower	Upper
202	100	233081		
101	12.5	9.0	13.4	
100	9.1	7.0	10.6	

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#82
Pyrene
Concen: 3.085 ng/ul
RT: 19.34 min Scan# 2798
Delta R.T. 0.00 min
Lab File: BM030071.D
Acq: 18 May 2021 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	182759		
101	13.2	11.8	17.6	
100	11.1	9.2	13.8	

