

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037016.D
 Acq On : 13 Oct 2022 14:29
 Operator : CG/JU
 Sample : N4976-04DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB8X1DL

Quant Time: Oct 13 23:34:21 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 09:03:52 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

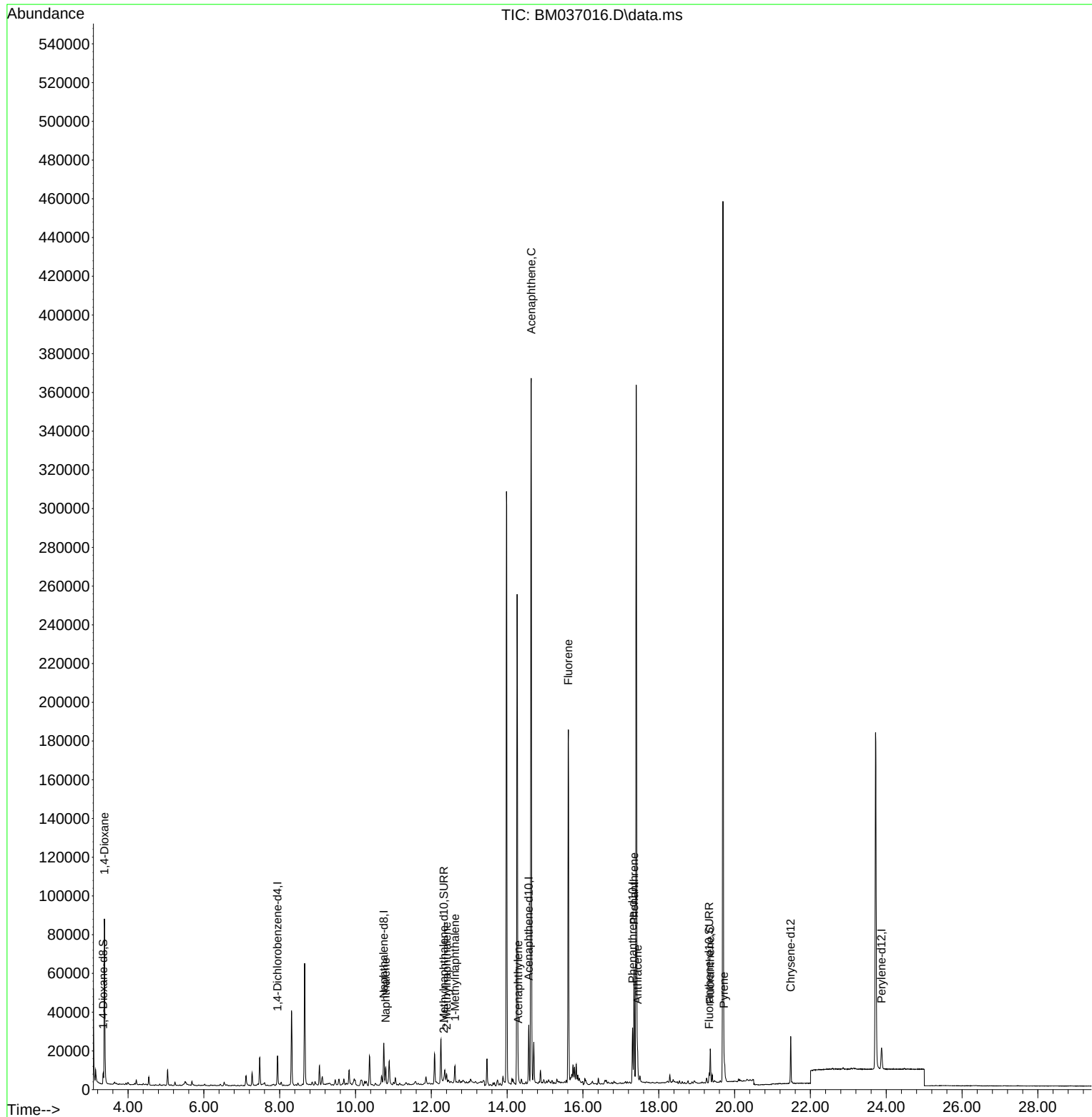
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	7753	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	28743	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.570	164	16236	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	32284	0.400	ng/ul #	0.00
17) Chrysene-d12	21.479	240	20568	0.400	ng/ul	0.00
23) Perylene-d12	23.876	264	15430	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	3582	0.328	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	2296	0.053	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	4705	0.076	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.377	88	58163	5.442	ng/ul#	75
5) Naphthalene	10.798	128	11431	0.139	ng/ul#	96
7) 2-Methylnaphthalene	12.404	142	3159	0.063	ng/ul	100
8) 1-Methylnaphthalene	12.624	142	5636	0.110	ng/ul	98
10) Acenaphthylene	14.293	152	3074	0.046	ng/ul#	32
11) Acenaphthene	14.635	153	208997	3.569	ng/ul	96
12) Fluorene	15.616	166	114938	1.732	ng/ul	99
15) Phenanthrene	17.351	178	60733	0.589	ng/ul	99
16) Anthracene	17.440	178	12370	0.144	ng/ul#	90
19) Fluoranthene	19.359	202	14130	0.173	ng/ul#	91
20) Pyrene	19.721	202	9095	0.107	ng/ul#	90

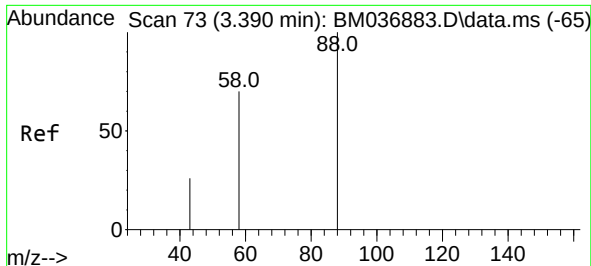
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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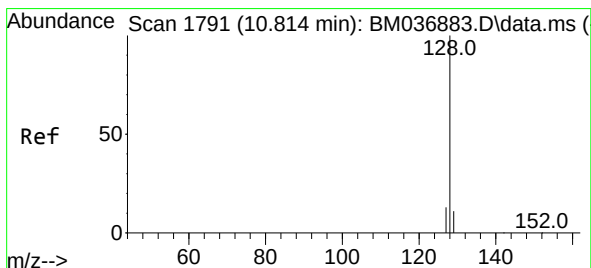
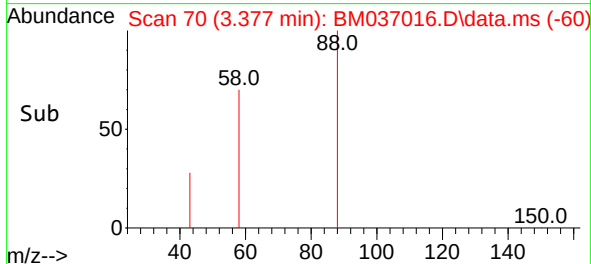
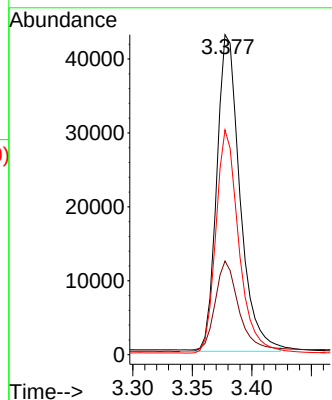
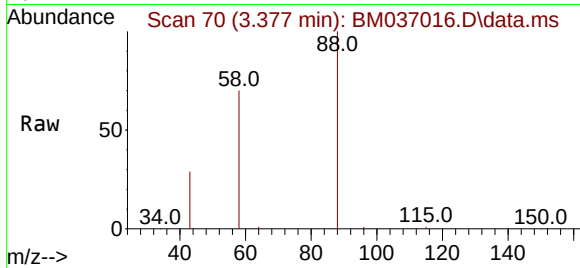




#2
1,4-Dioxane
Concen: 5.442 ng/ul
RT: 3.377 min Scan# 70
Delta R.T. -0.008 min
Lab File: BM037016.D
Acq: 13 Oct 2022 14:29

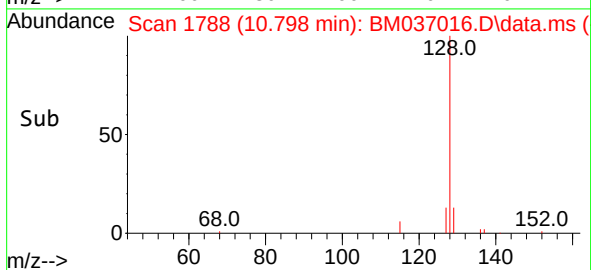
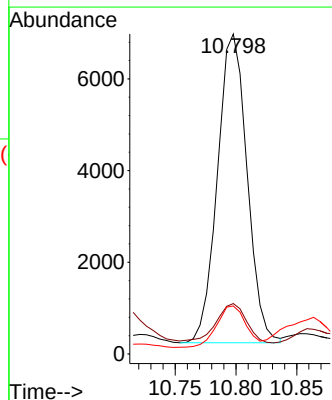
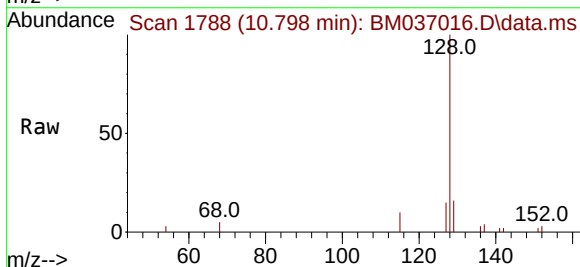
Instrument :
BNA_M
ClientSampleId :
CB8X1DL

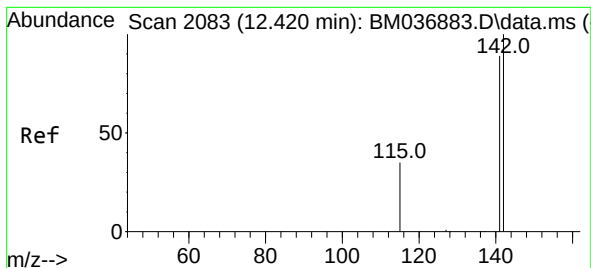
Tgt Ion: 88 Resp: 58163
Ion Ratio Lower Upper
88 100
43 29.2 37.8 56.6#
58 70.3 42.6 63.8#



#5
Naphthalene
Concen: 0.139 ng/ul
RT: 10.798 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BM037016.D
Acq: 13 Oct 2022 14:29

Tgt Ion: 128 Resp: 11431
Ion Ratio Lower Upper
128 100
129 15.8 10.2 15.2#
127 15.0 11.7 17.5

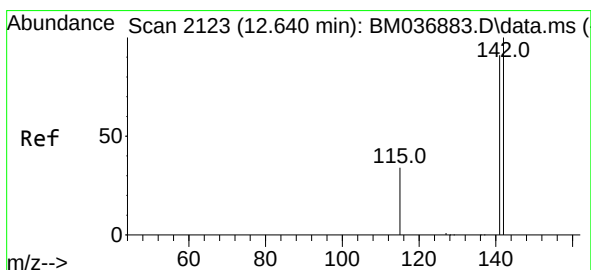
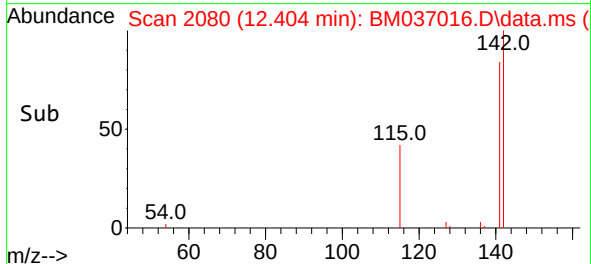
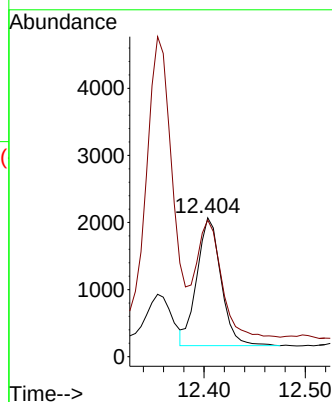
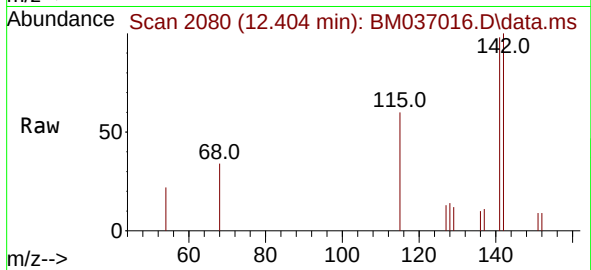




#7
2-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.404 min Scan# 2080
Delta R.T. -0.011 min
Lab File: BM037016.D
Acq: 13 Oct 2022 14:29

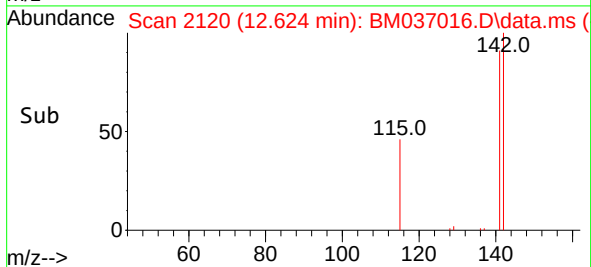
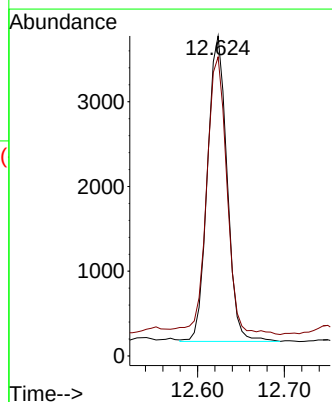
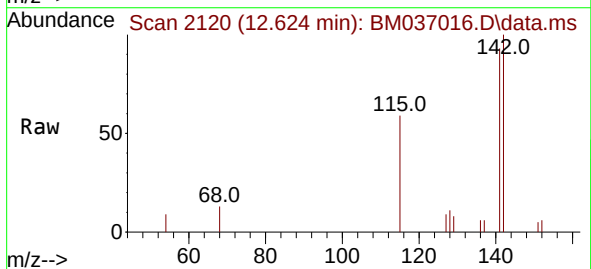
Instrument :
BNA_M
ClientSampleId :
CB8X1DL

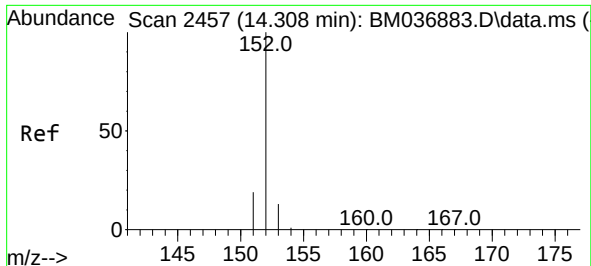
Tgt Ion:142 Resp: 3159
Ion Ratio Lower Upper
142 100
141 96.5 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.110 ng/ul
RT: 12.624 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM037016.D
Acq: 13 Oct 2022 14:29

Tgt Ion:142 Resp: 5636
Ion Ratio Lower Upper
142 100
141 94.7 74.1 111.1

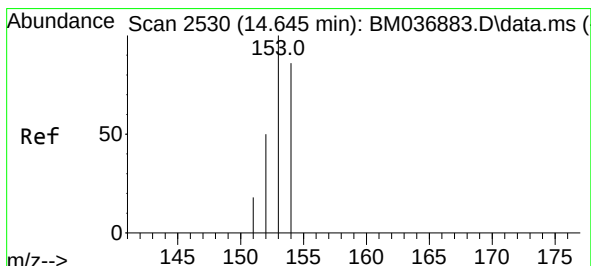
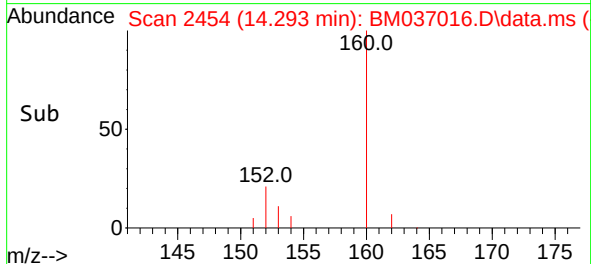
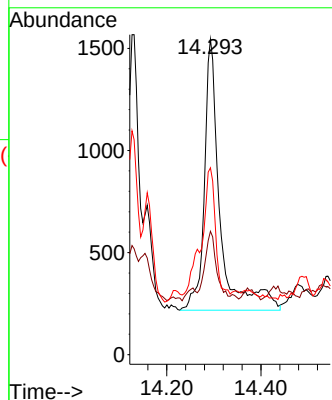
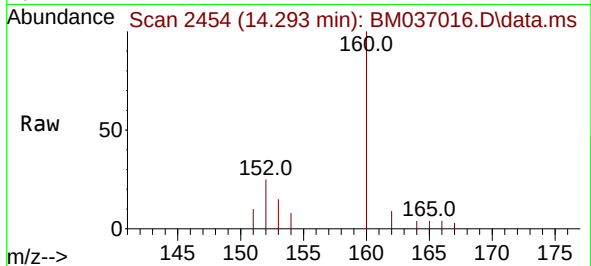




#10
Acenaphthylene
Concen: 0.046 ng/ul
RT: 14.293 min Scan# 2457
Delta R.T. -0.005 min
Lab File: BM037016.D
Acq: 13 Oct 2022 14:29

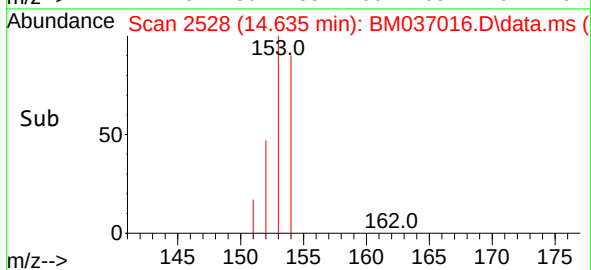
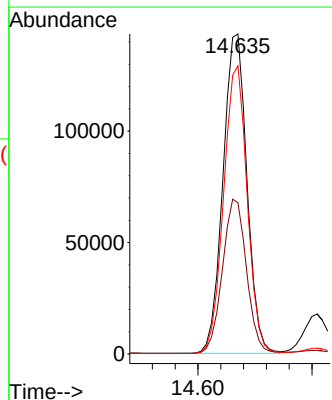
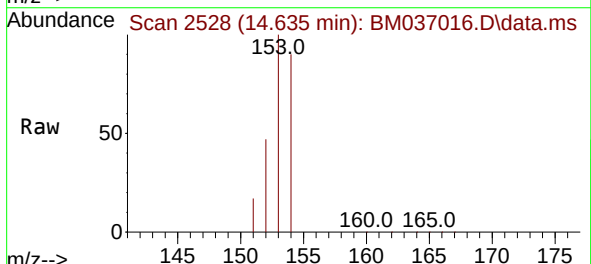
Instrument :
BNA_M
ClientSampleId :
CB8X1DL

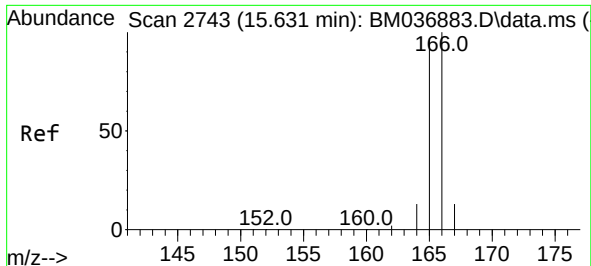
Tgt Ion:152 Resp: 3074
Ion Ratio Lower Upper
152 100
151 39.1 16.6 24.8#
153 59.2 11.4 17.0#



#11
Acenaphthene
Concen: 3.569 ng/ul
RT: 14.635 min Scan# 2528
Delta R.T. -0.005 min
Lab File: BM037016.D
Acq: 13 Oct 2022 14:29

Tgt Ion:153 Resp: 208997
Ion Ratio Lower Upper
153 100
152 47.2 40.2 60.4
154 90.1 69.7 104.5

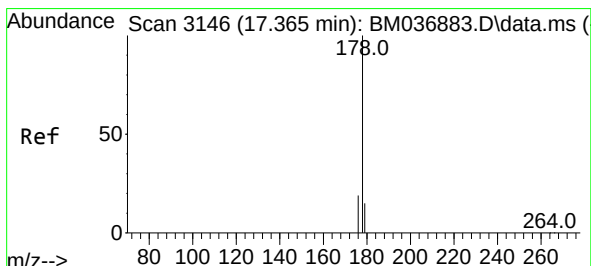
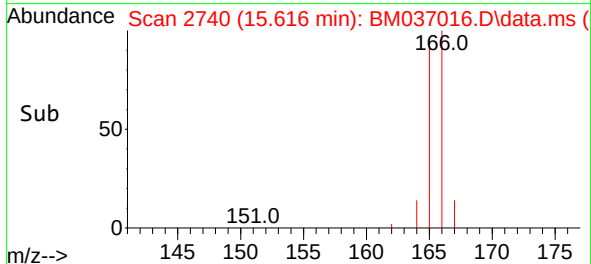
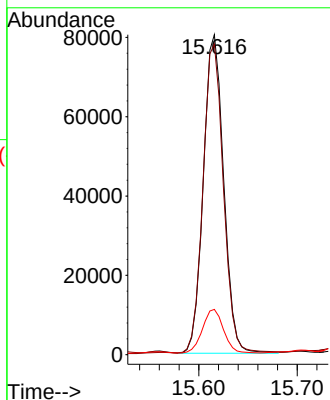
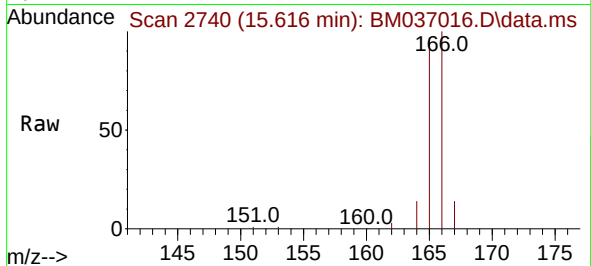




#12
Fluorene
Concen: 1.732 ng/ul
RT: 15.616 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM037016.D
Acq: 13 Oct 2022 14:29

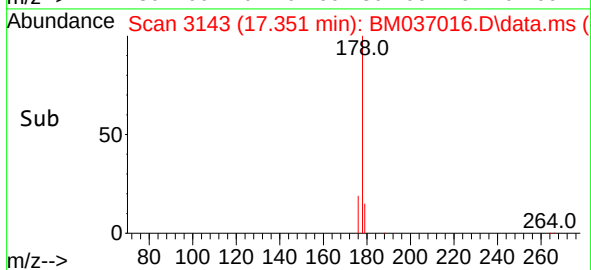
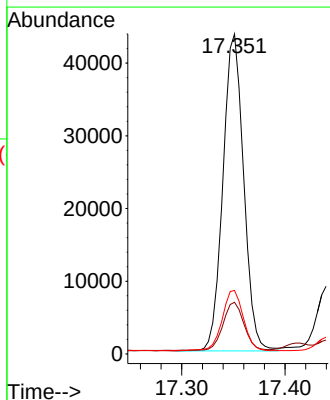
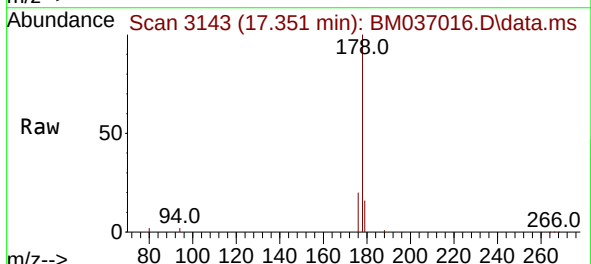
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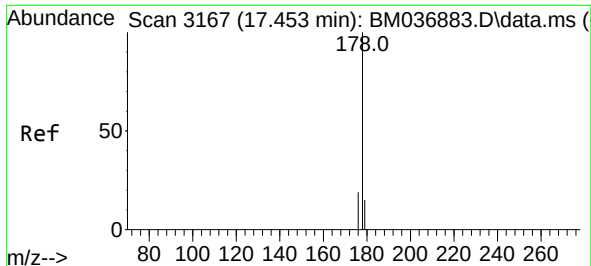
Tgt Ion:166 Resp: 114938
Ion Ratio Lower Upper
166 100
165 97.1 78.9 118.3
167 14.2 11.3 16.9



#15
Phenanthrene
Concen: 0.589 ng/ul
RT: 17.351 min Scan# 3143
Delta R.T. -0.004 min
Lab File: BM037016.D
Acq: 13 Oct 2022 14:29

Tgt Ion:178 Resp: 60733
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.6
176 19.9 15.6 23.4

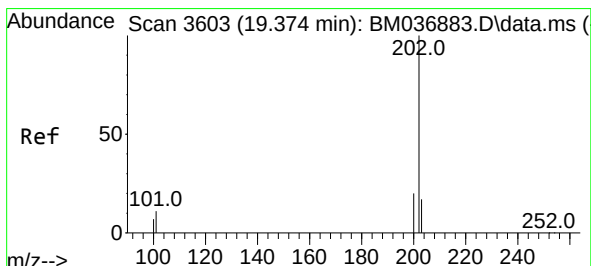
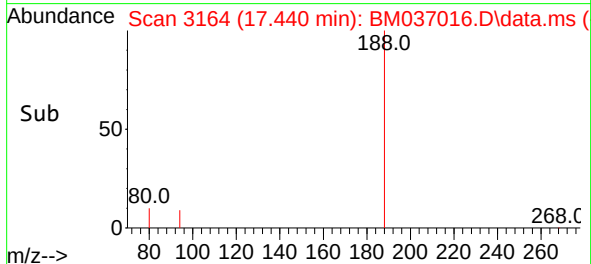
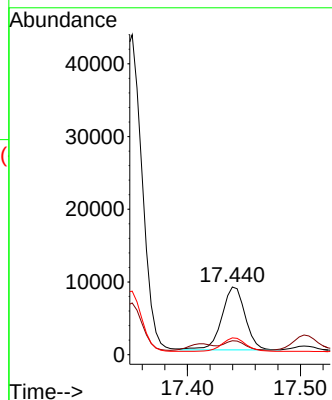
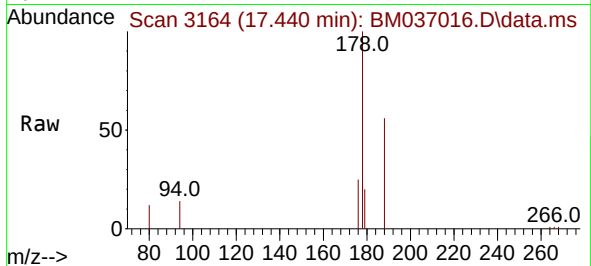




#16
 Anthracene
 Concen: 0.144 ng/ul
 RT: 17.440 min Scan# 3164
 Delta R.T. -0.008 min
 Lab File: BM037016.D
 Acq: 13 Oct 2022 14:29

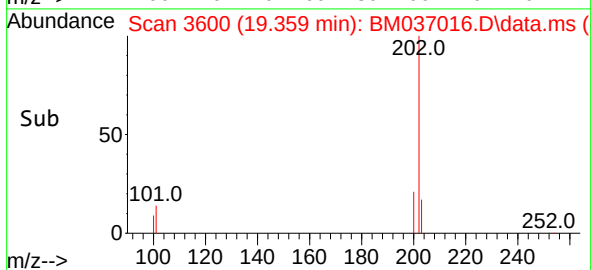
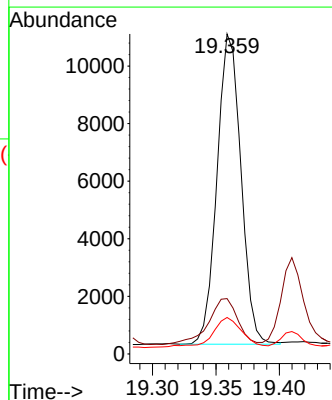
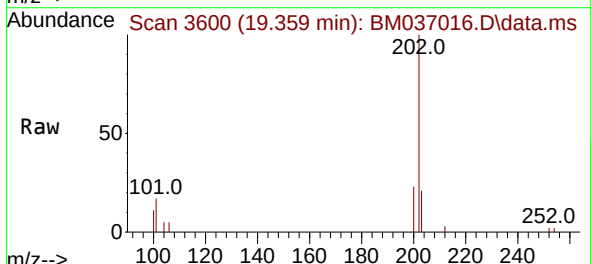
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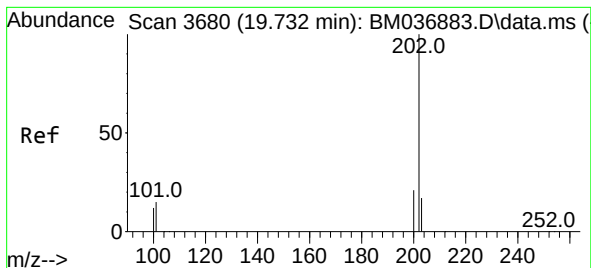
Tgt Ion:178 Resp: 12370
 Ion Ratio Lower Upper
 178 100
 179 20.5 13.6 20.4#
 176 24.9 15.6 23.4#



#19
 Fluoranthene
 Concen: 0.173 ng/ul
 RT: 19.359 min Scan# 3600
 Delta R.T. -0.005 min
 Lab File: BM037016.D
 Acq: 13 Oct 2022 14:29

Tgt Ion:202 Resp: 14130
 Ion Ratio Lower Upper
 202 100
 101 17.3 10.1 15.1#
 100 11.4 7.9 11.9





#20

Pyrene

Concen: 0.107 ng/ul

RT: 19.721 min Scan# 30

Delta R.T. -0.005 min

Lab File: BM037016.D

Acq: 13 Oct 2022 14:29

Instrument :

BNA_M

ClientSampleId :

CB8X1DL

Tgt Ion:202 Resp: 9095

Ion Ratio Lower Upper

202 100

101 19.4 12.0 18.0#

100 15.8 9.8 14.6#

