

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037018.D
 Acq On : 13 Oct 2022 15:44
 Operator : CG/JU
 Sample : N4976-07DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB8Y3DL

Quant Time: Oct 13 23:34:58 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)

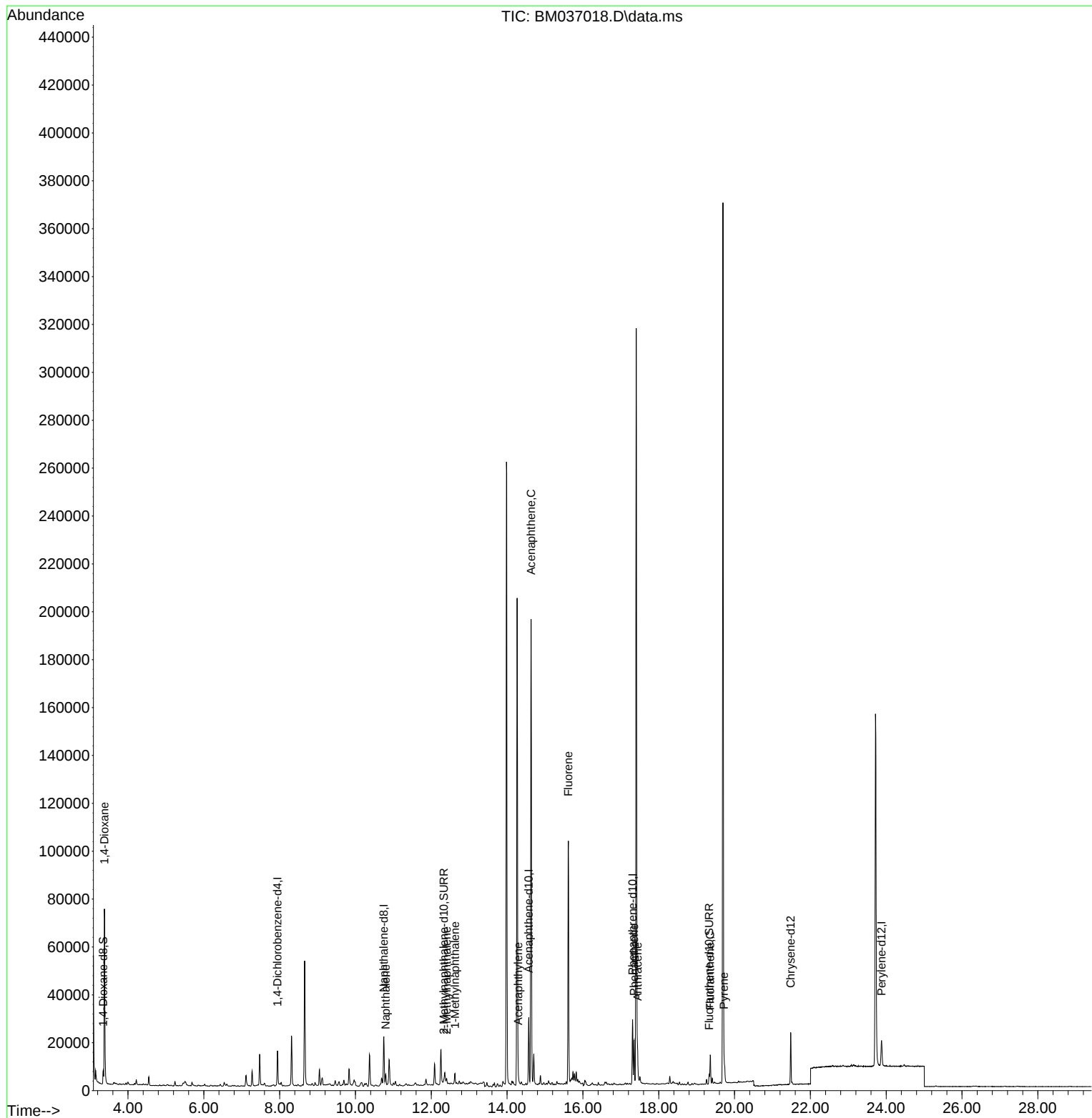
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	7429	0.400	ng/ul	0.00
4) Naphthalene-d8	10.749	136	27463	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.570	164	15371	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	30852	0.400	ng/ul	0.00
17) Chrysene-d12	21.479	240	18836	0.400	ng/ul	0.00
23) Perylene-d12	23.876	264	14267	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	3480	0.332	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	1890	0.046	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	3912	0.069	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.378	88	49715	4.854	ng/ul#	75
5) Naphthalene	10.798	128	5940	0.076	ng/ul#	94
7) 2-Methylnaphthalene	12.404	142	1601	0.033	ng/ul	91
8) 1-Methylnaphthalene	12.624	142	2752	0.056	ng/ul	99
10) Acenaphthylene	14.293	152	1712	0.027	ng/ul#	24
11) Acenaphthene	14.631	153	110663	1.996	ng/ul	98
12) Fluorene	15.616	166	63476	1.010	ng/ul	98
15) Phenanthrene	17.351	178	19169	0.195	ng/ul	97
16) Anthracene	17.440	178	10524	0.128	ng/ul	93
19) Fluoranthene	19.359	202	10117	0.135	ng/ul#	90
20) Pyrene	19.721	202	7405	0.095	ng/ul#	90

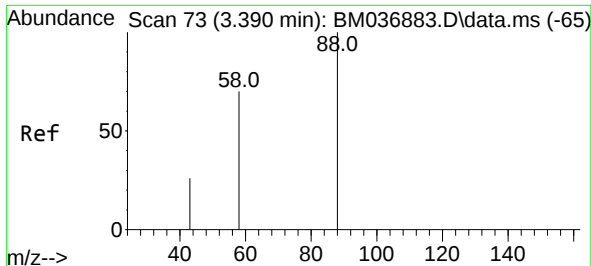
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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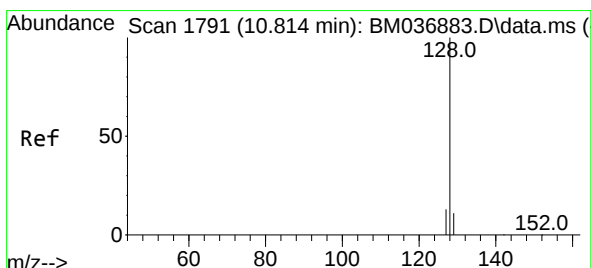
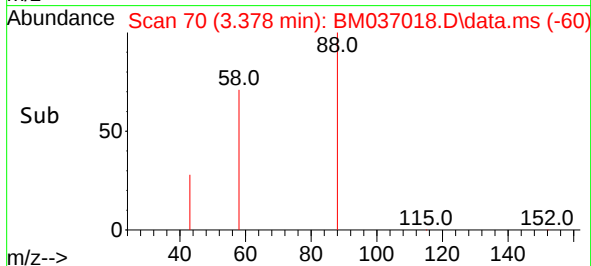
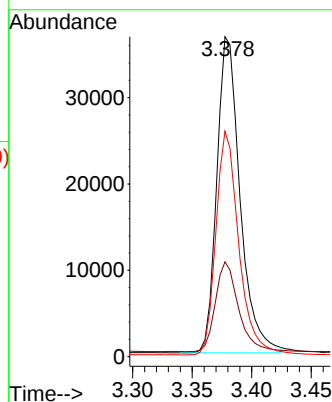
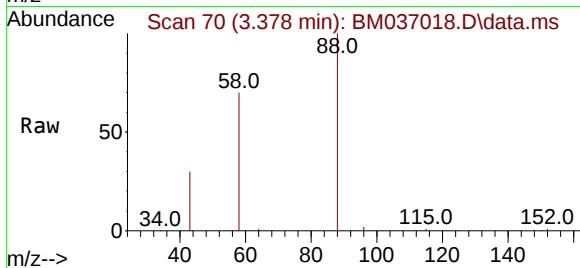




#2
1,4-Dioxane
Concen: 4.854 ng/ul
RT: 3.378 min Scan# 70
Delta R.T. -0.008 min
Lab File: BM037018.D
Acq: 13 Oct 2022 15:44

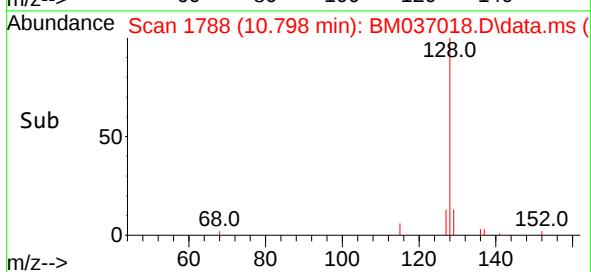
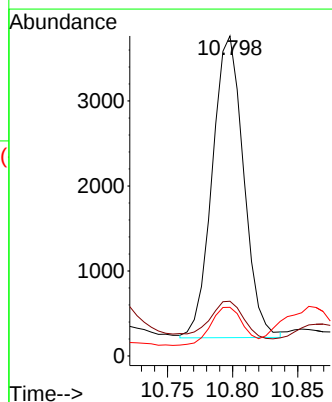
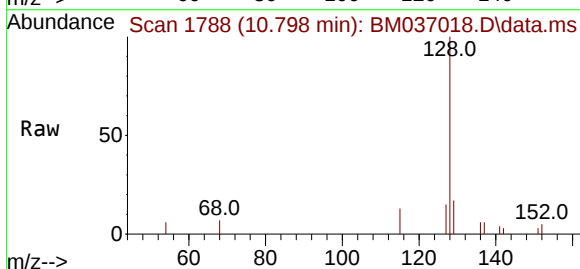
Instrument :
BNA_M
ClientSampleId :
CB8Y3DL

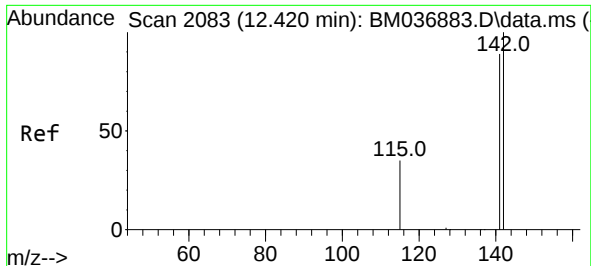
Tgt Ion: 88 Resp: 49715
Ion Ratio Lower Upper
88 100
43 29.7 37.8 56.6#
58 70.5 42.6 63.8#



#5
Naphthalene
Concen: 0.076 ng/ul
RT: 10.798 min Scan# 1788
Delta R.T. -0.005 min
Lab File: BM037018.D
Acq: 13 Oct 2022 15:44

Tgt Ion: 128 Resp: 5940
Ion Ratio Lower Upper
128 100
129 17.1 10.2 15.2#
127 15.2 11.7 17.5

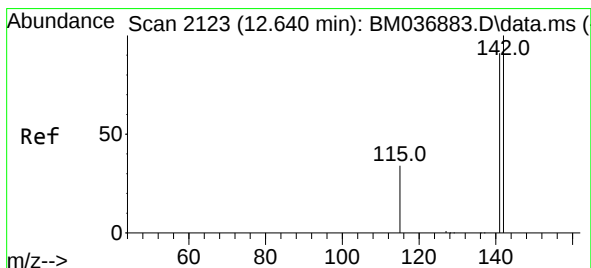
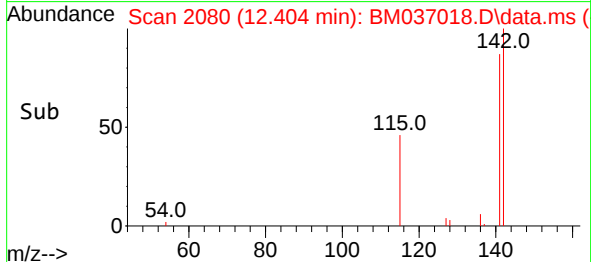
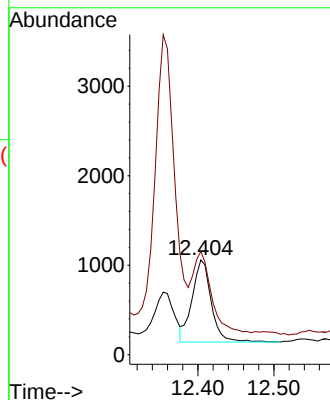
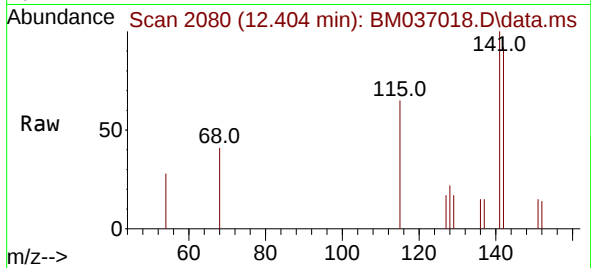




#7
2-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.404 min Scan# 2080
Delta R.T. -0.011 min
Lab File: BM037018.D
Acq: 13 Oct 2022 15:44

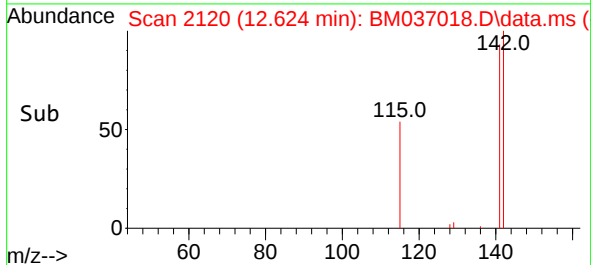
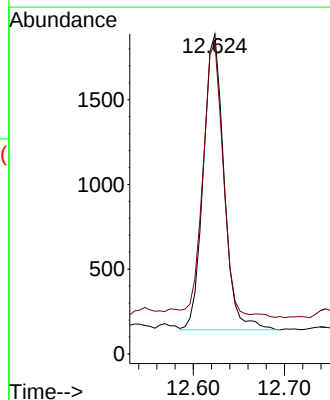
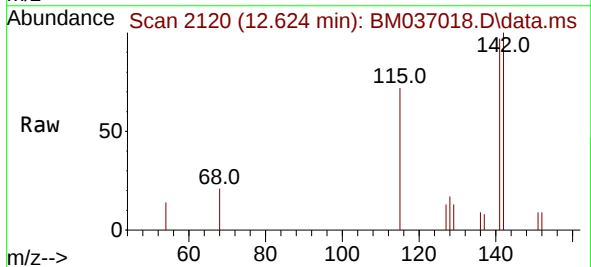
Instrument :
BNA_M
ClientSampleId :
CB8Y3DL

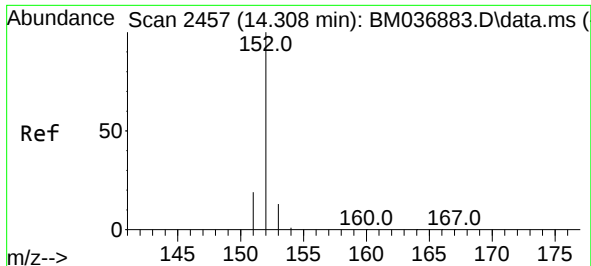
Tgt Ion:142 Resp: 1601
Ion Ratio Lower Upper
142 100
141 105.8 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.624 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BM037018.D
Acq: 13 Oct 2022 15:44

Tgt Ion:142 Resp: 2752
Ion Ratio Lower Upper
142 100
141 93.2 74.1 111.1

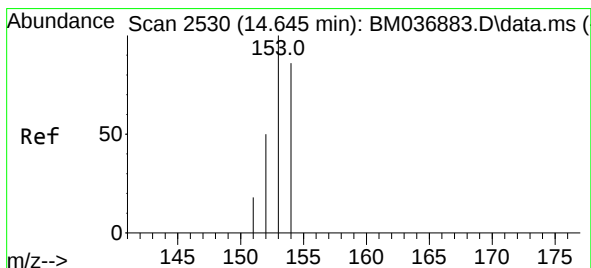
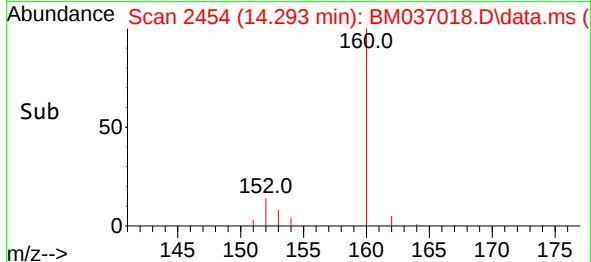
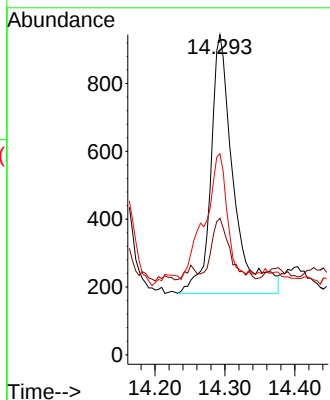
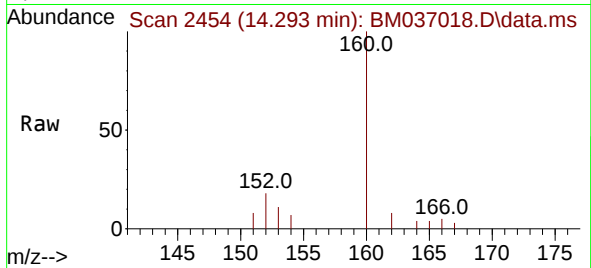




#10
Acenaphthylene
Concen: 0.027 ng/ul
RT: 14.293 min Scan# 2454
Delta R.T. -0.005 min
Lab File: BM037018.D
Acq: 13 Oct 2022 15:44

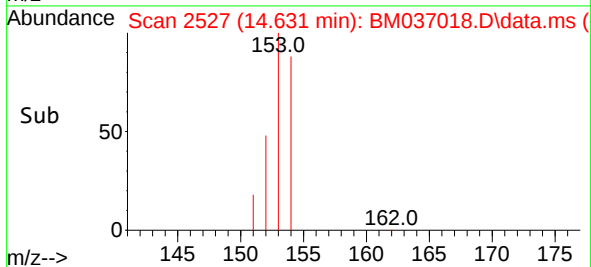
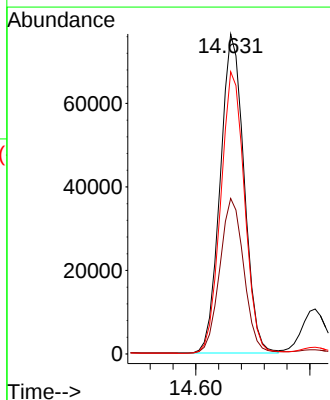
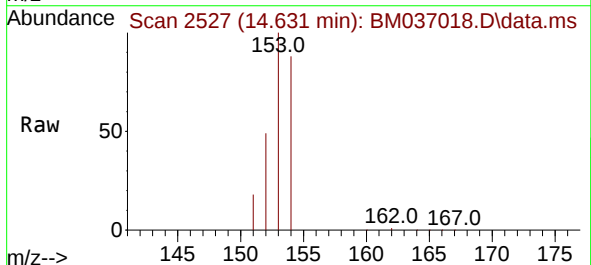
Instrument :
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ClientSampleId :
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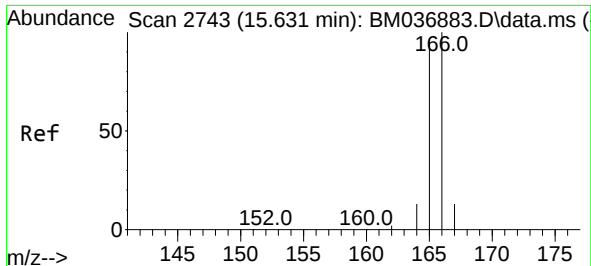
Tgt Ion:152 Resp: 1712
Ion Ratio Lower Upper
152 100
151 42.7 16.6 24.8#
153 62.8 11.4 17.0#



#11
Acenaphthene
Concen: 1.996 ng/ul
RT: 14.631 min Scan# 2527
Delta R.T. -0.009 min
Lab File: BM037018.D
Acq: 13 Oct 2022 15:44

Tgt Ion:153 Resp: 110663
Ion Ratio Lower Upper
153 100
152 48.6 40.2 60.4
154 88.2 69.7 104.5

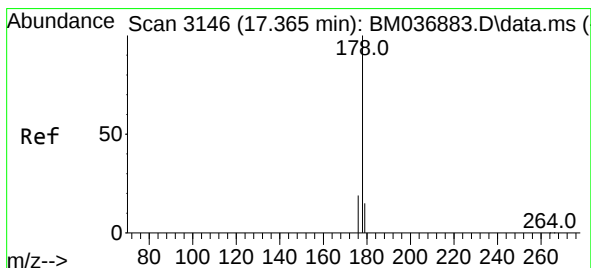
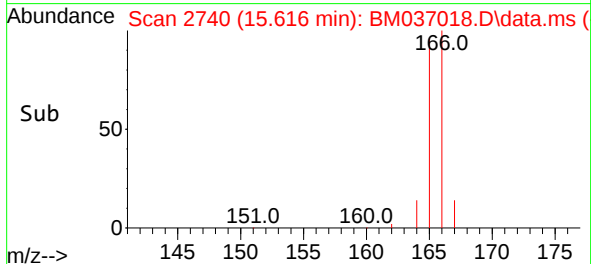
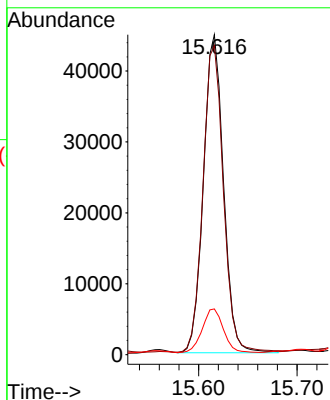
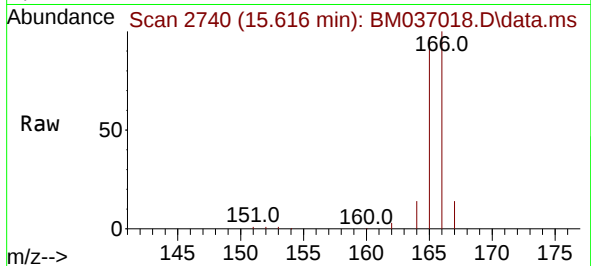




#12
Fluorene
Concen: 1.010 ng/ul
RT: 15.616 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM037018.D
Acq: 13 Oct 2022 15:44

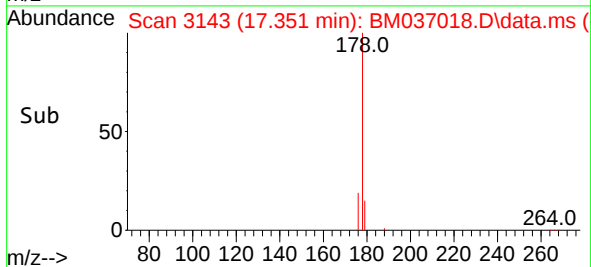
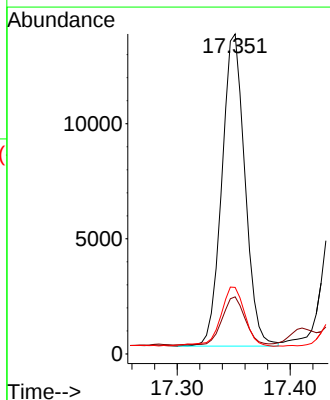
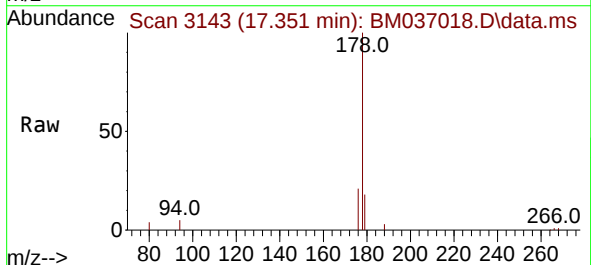
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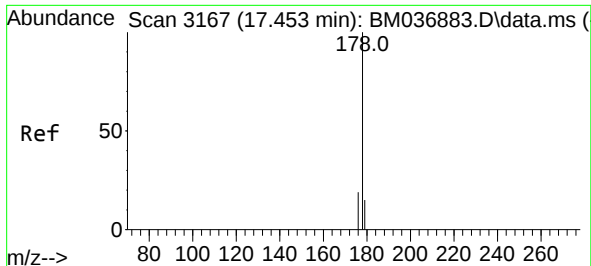
Tgt Ion:166 Resp: 63476
Ion Ratio Lower Upper
166 100
165 96.6 78.9 118.3
167 14.3 11.3 16.9



#15
Phenanthrene
Concen: 0.195 ng/ul
RT: 17.351 min Scan# 3143
Delta R.T. -0.004 min
Lab File: BM037018.D
Acq: 13 Oct 2022 15:44

Tgt Ion:178 Resp: 19169
Ion Ratio Lower Upper
178 100
179 17.8 13.0 19.6
176 20.8 15.6 23.4

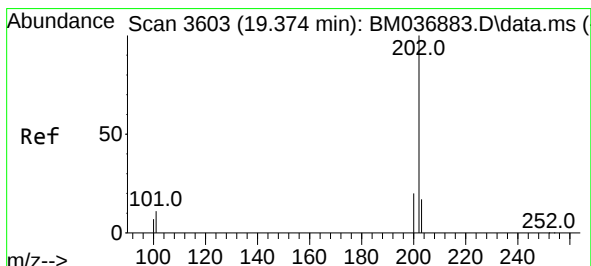
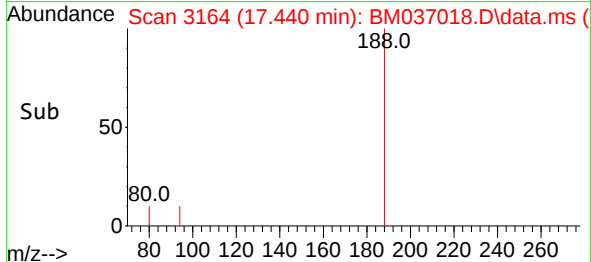
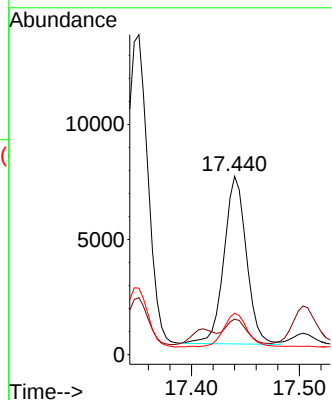
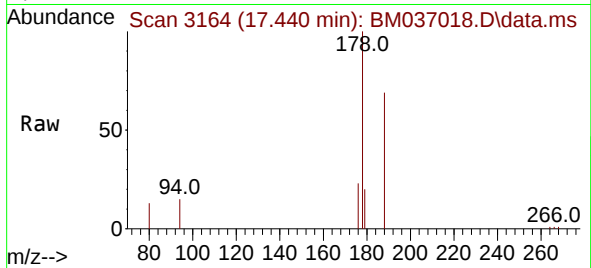




#16
 Anthracene
 Concen: 0.128 ng/ul
 RT: 17.440 min Scan# 3164
 Delta R.T. -0.008 min
 Lab File: BM037018.D
 Acq: 13 Oct 2022 15:44

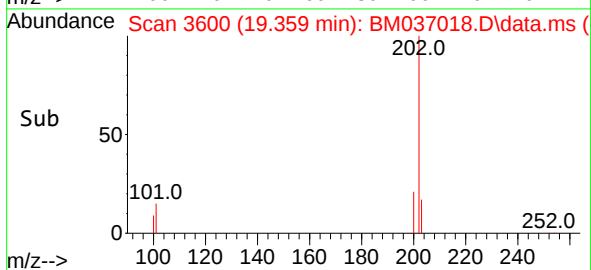
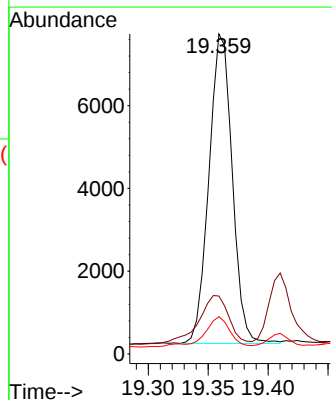
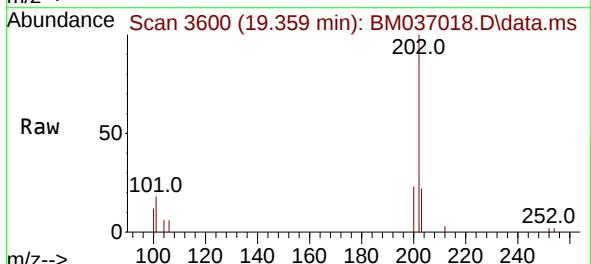
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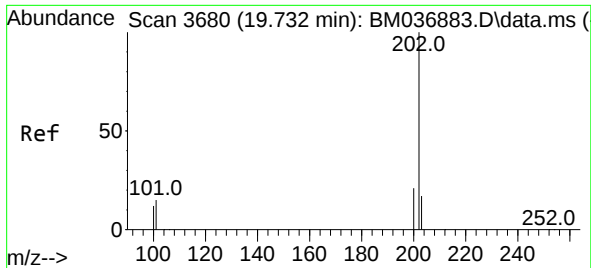
Tgt Ion:178 Resp: 10524
 Ion Ratio Lower Upper
 178 100
 179 19.9 13.6 20.4
 176 23.2 15.6 23.4



#19
 Fluoranthene
 Concen: 0.135 ng/ul
 RT: 19.359 min Scan# 3600
 Delta R.T. -0.005 min
 Lab File: BM037018.D
 Acq: 13 Oct 2022 15:44

Tgt Ion:202 Resp: 10117
 Ion Ratio Lower Upper
 202 100
 101 18.1 10.1 15.1#
 100 11.7 7.9 11.9





#20

Pyrene

Concen: 0.095 ng/ul

RT: 19.721 min Scan# 30

Delta R.T. -0.005 min

Lab File: BM037018.D

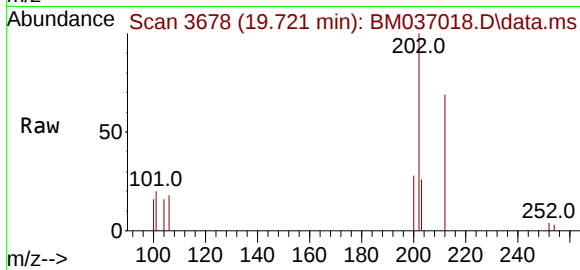
Acq: 13 Oct 2022 15:44

Instrument :

BNA_M

ClientSampleId :

CB8Y3DL



Tgt Ion:202 Resp: 7405

Ion Ratio Lower Upper

202 100

101 19.5 12.0 18.0#

100 15.7 9.8 14.6#

