

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037017.D
 Acq On : 13 Oct 2022 15:07
 Operator : CG/JU
 Sample : N4976-05DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB8X9DL

Quant Time: Oct 13 23:34:37 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)

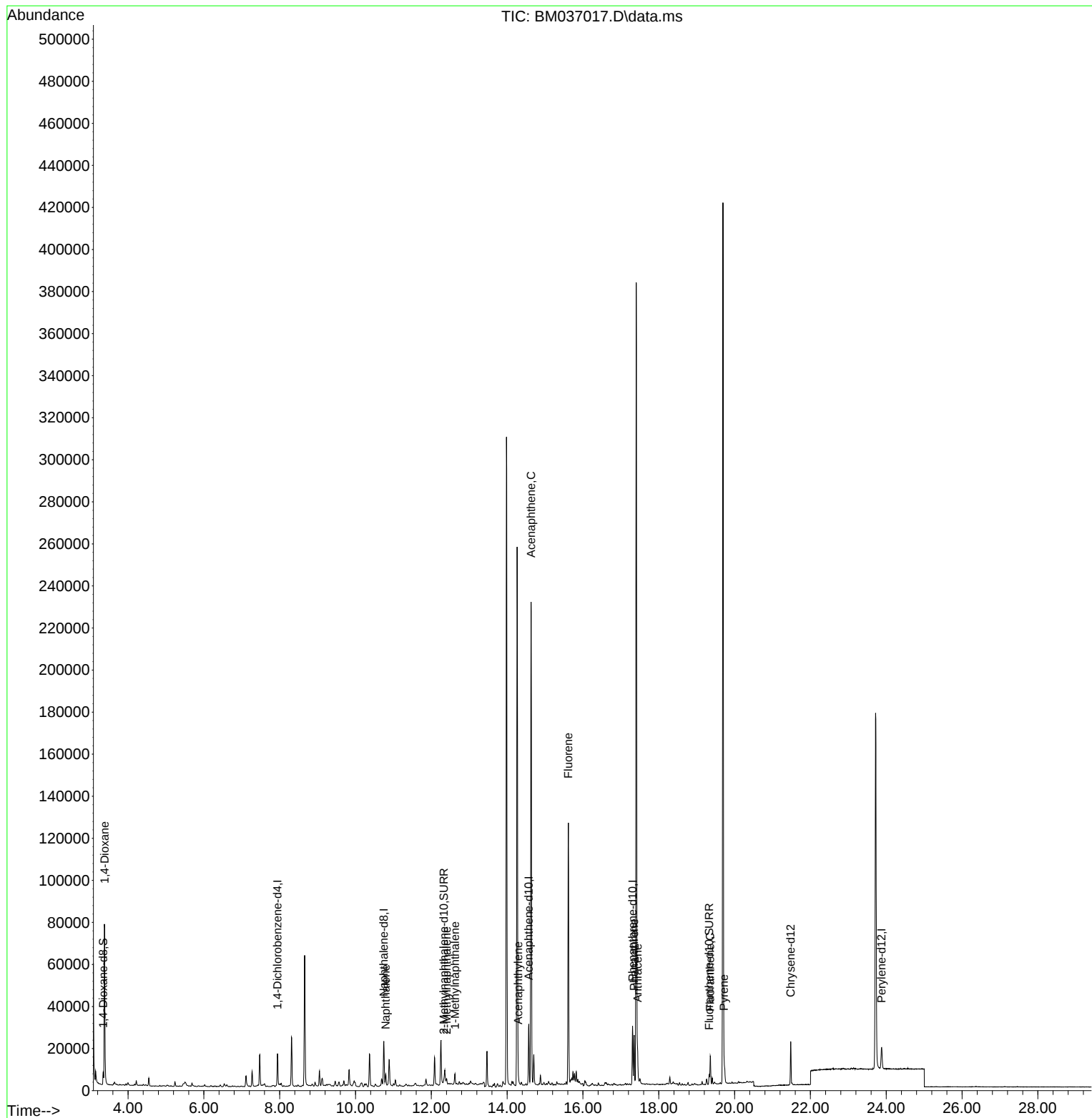
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	7732	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	28550	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.570	164	15857	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	31251	0.400	ng/ul	0.00
17) Chrysene-d12	21.479	240	18100	0.400	ng/ul	0.00
23) Perylene-d12	23.876	264	14121	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	3748	0.344	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	2353	0.055	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	4508	0.083	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.382	88	52223	4.899	ng/ul#	76
5) Naphthalene	10.798	128	6910	0.085	ng/ul#	93
7) 2-Methylnaphthalene	12.404	142	1767	0.035	ng/ul	96
8) 1-Methylnaphthalene	12.624	142	3114	0.061	ng/ul	98
10) Acenaphthylene	14.293	152	1964	0.030	ng/ul#	22
11) Acenaphthene	14.631	153	130180	2.276	ng/ul	99
12) Fluorene	15.616	166	74922	1.156	ng/ul	99
15) Phenanthrene	17.351	178	24735	0.248	ng/ul	97
16) Anthracene	17.440	178	12196	0.146	ng/ul#	92
19) Fluoranthene	19.359	202	11048	0.153	ng/ul#	89
20) Pyrene	19.721	202	8028	0.107	ng/ul#	90

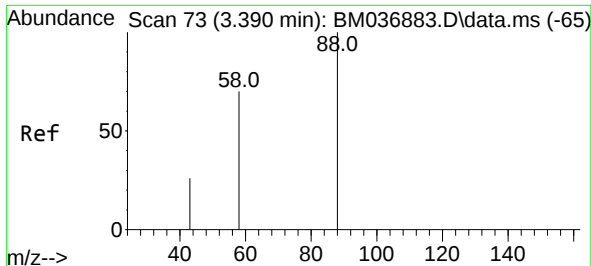
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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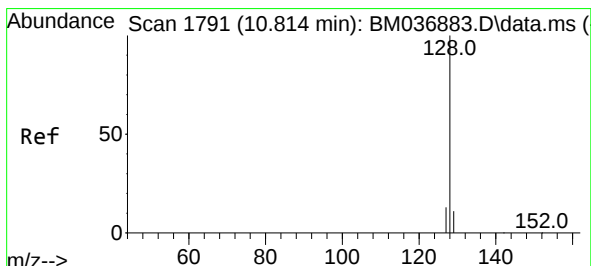
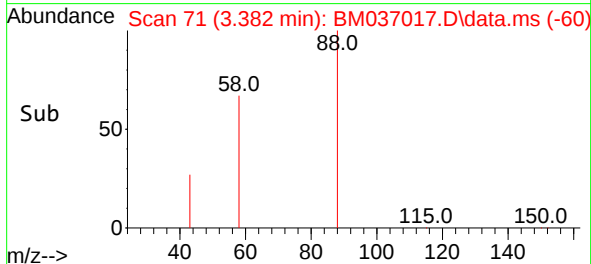
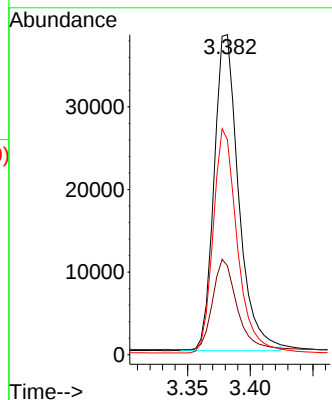
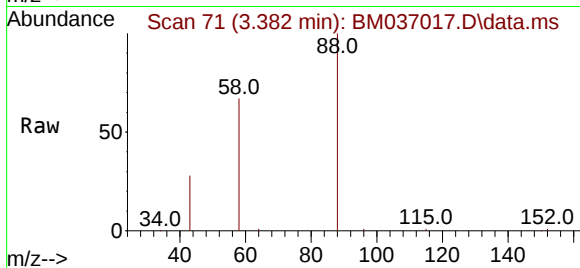




#2
1,4-Dioxane
Concen: 4.899 ng/ul
RT: 3.382 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM037017.D
Acq: 13 Oct 2022 15:07

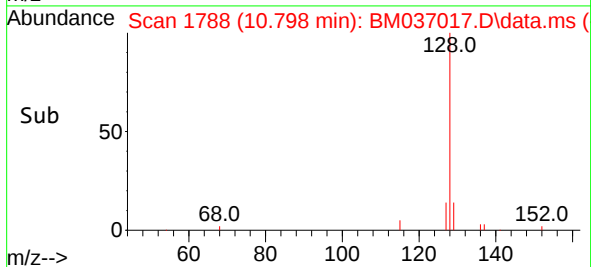
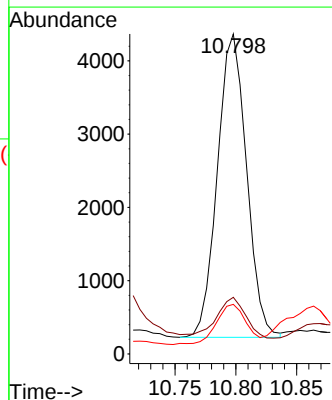
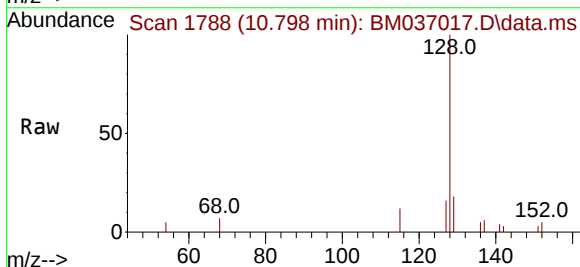
Instrument :
BNA_M
ClientSampleId :
CB8X9DL

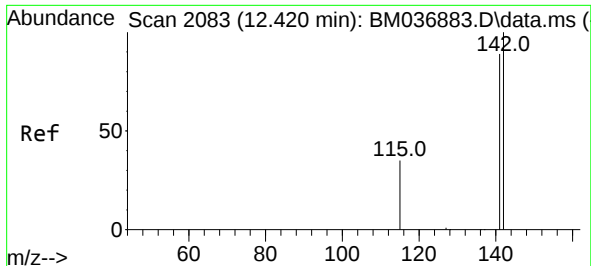
Tgt Ion: 88 Resp: 52223
Ion Ratio Lower Upper
88 100
43 27.8 37.8 56.6#
58 67.2 42.6 63.8#



#5
Naphthalene
Concen: 0.085 ng/ul
RT: 10.798 min Scan# 1788
Delta R.T. -0.005 min
Lab File: BM037017.D
Acq: 13 Oct 2022 15:07

Tgt Ion: 128 Resp: 6910
Ion Ratio Lower Upper
128 100
129 17.7 10.2 15.2#
127 15.5 11.7 17.5

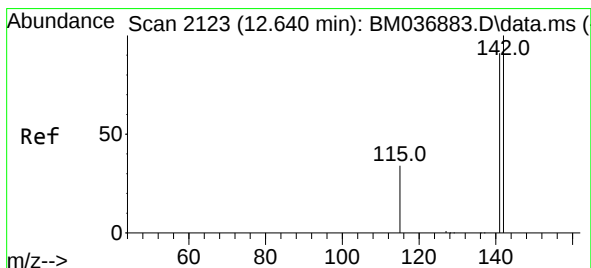
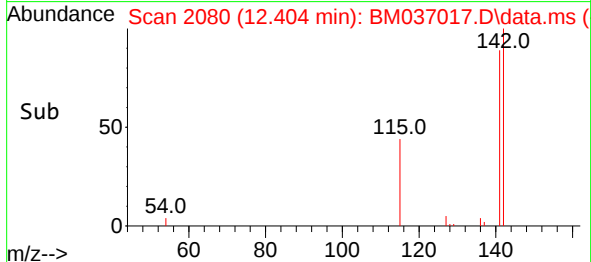
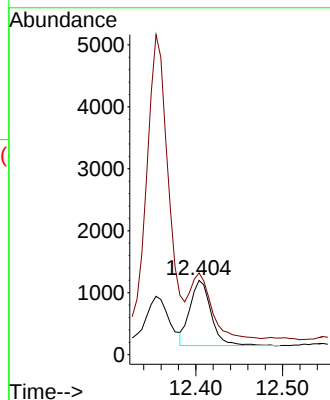
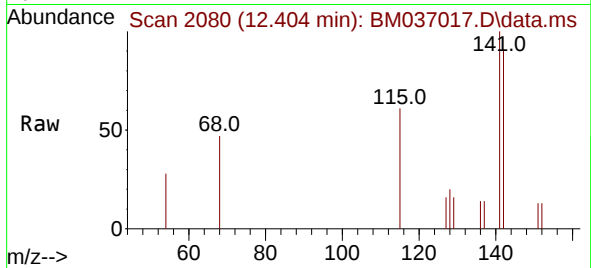




#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.404 min Scan# 2080
Delta R.T. -0.011 min
Lab File: BM037017.D
Acq: 13 Oct 2022 15:07

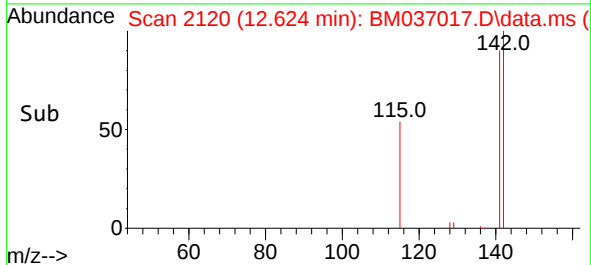
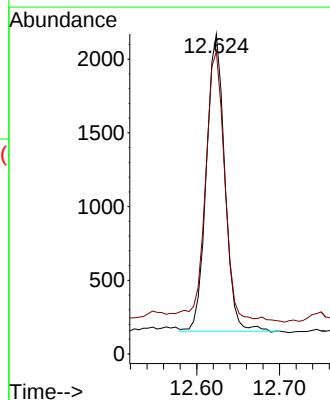
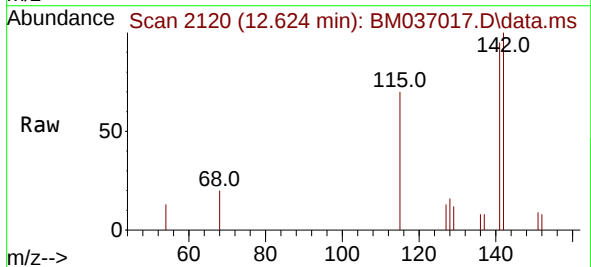
Instrument :
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ClientSampleId :
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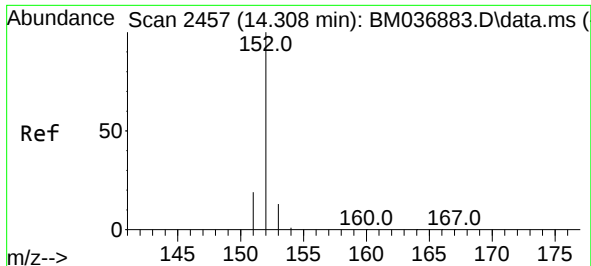
Tgt Ion:142 Resp: 1767
Ion Ratio Lower Upper
142 100
141 100.2 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 12.624 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BM037017.D
Acq: 13 Oct 2022 15:07

Tgt Ion:142 Resp: 3114
Ion Ratio Lower Upper
142 100
141 94.7 74.1 111.1

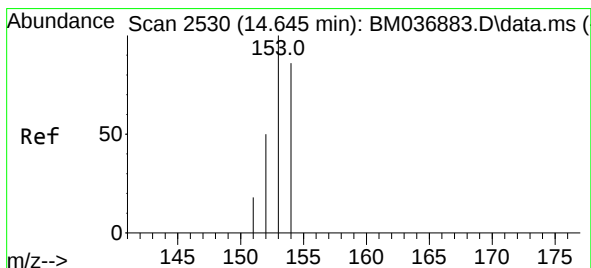
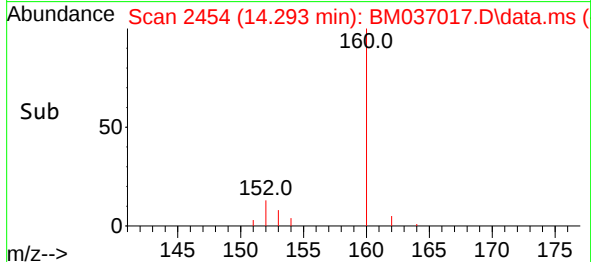
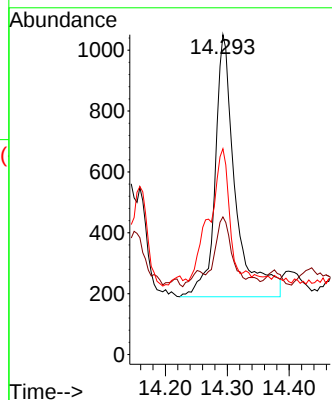
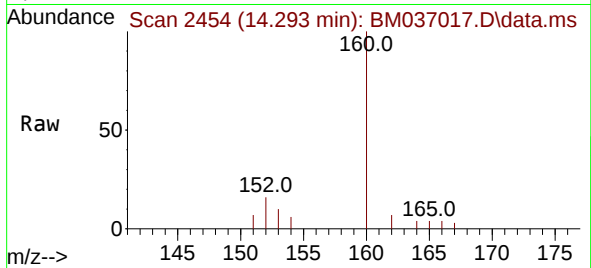




#10
Acenaphthylene
Concen: 0.030 ng/ul
RT: 14.293 min Scan# 2454
Delta R.T. -0.005 min
Lab File: BM037017.D
Acq: 13 Oct 2022 15:07

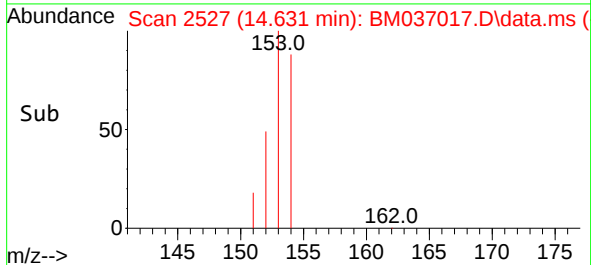
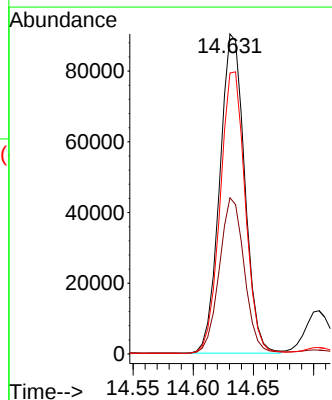
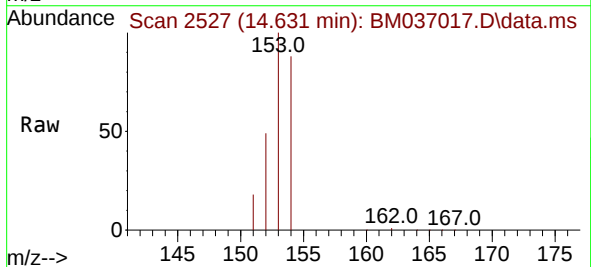
Instrument :
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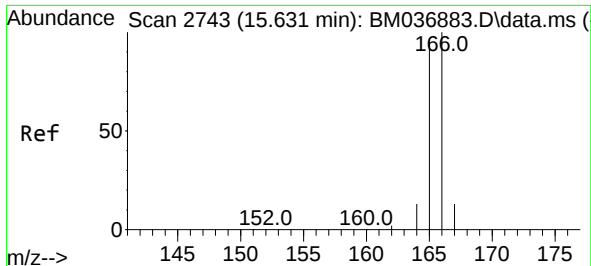
Tgt Ion:152 Resp: 1964
Ion Ratio Lower Upper
152 100
151 43.0 16.6 24.8#
153 64.3 11.4 17.0#



#11
Acenaphthene
Concen: 2.276 ng/ul
RT: 14.631 min Scan# 2527
Delta R.T. -0.009 min
Lab File: BM037017.D
Acq: 13 Oct 2022 15:07

Tgt Ion:153 Resp: 130180
Ion Ratio Lower Upper
153 100
152 48.8 40.2 60.4
154 87.8 69.7 104.5

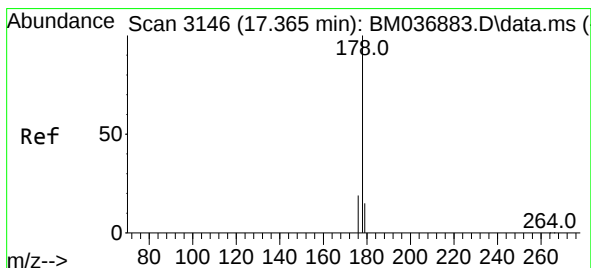
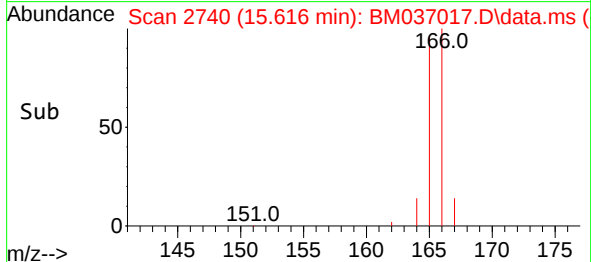
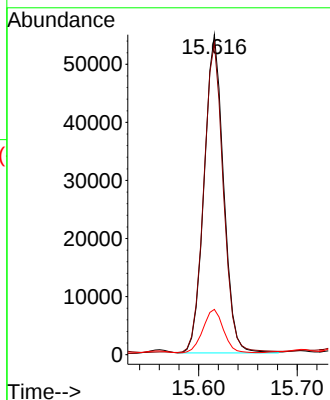
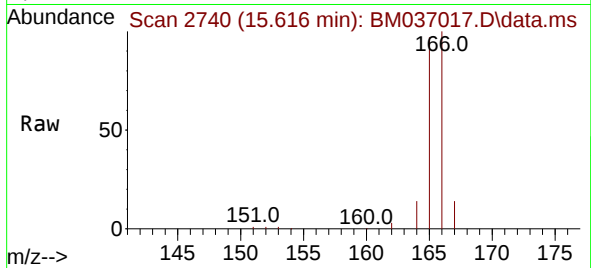




#12
Fluorene
Concen: 1.156 ng/ul
RT: 15.616 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM037017.D
Acq: 13 Oct 2022 15:07

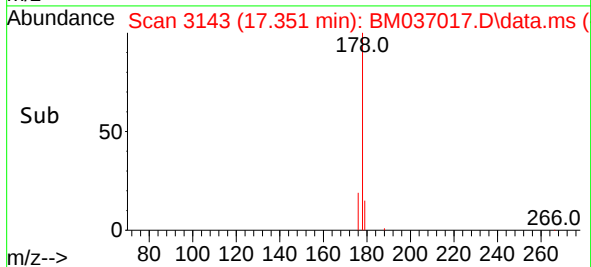
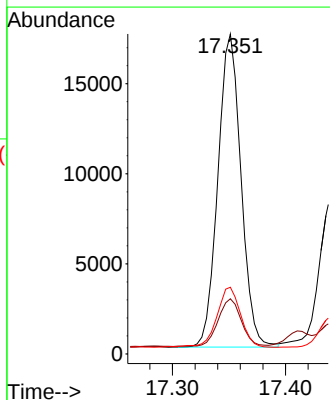
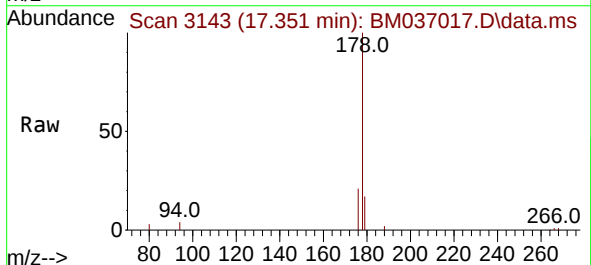
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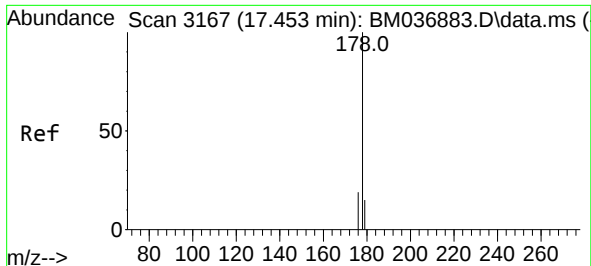
Tgt Ion:166 Resp: 74922
Ion Ratio Lower Upper
166 100
165 97.4 78.9 118.3
167 14.1 11.3 16.9



#15
Phenanthrene
Concen: 0.248 ng/ul
RT: 17.351 min Scan# 3143
Delta R.T. -0.004 min
Lab File: BM037017.D
Acq: 13 Oct 2022 15:07

Tgt Ion:178 Resp: 24735
Ion Ratio Lower Upper
178 100
179 17.3 13.0 19.6
176 20.8 15.6 23.4

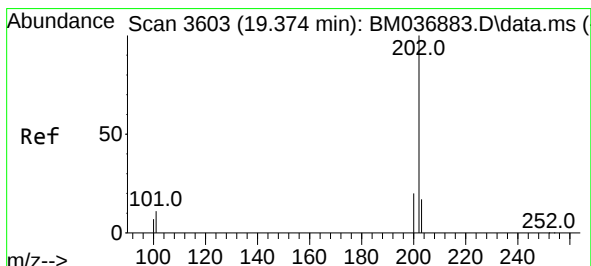
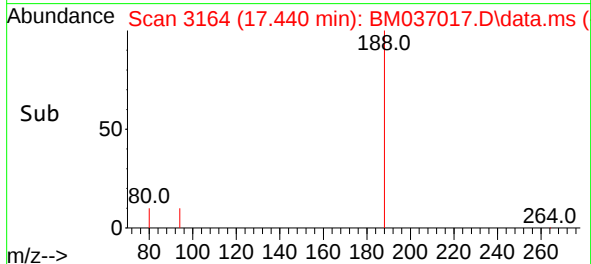
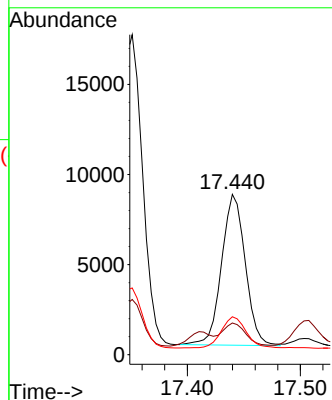
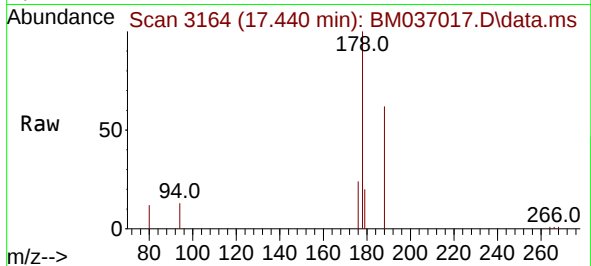




#16
 Anthracene
 Concen: 0.146 ng/ul
 RT: 17.440 min Scan# 3164
 Delta R.T. -0.008 min
 Lab File: BM037017.D
 Acq: 13 Oct 2022 15:07

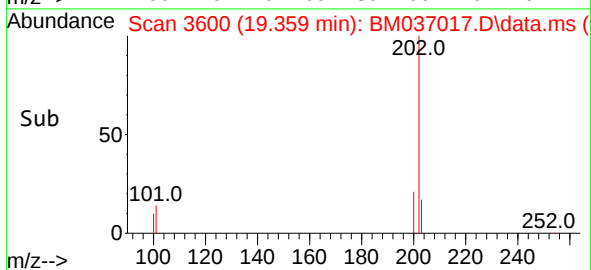
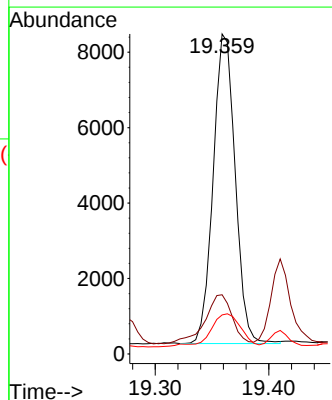
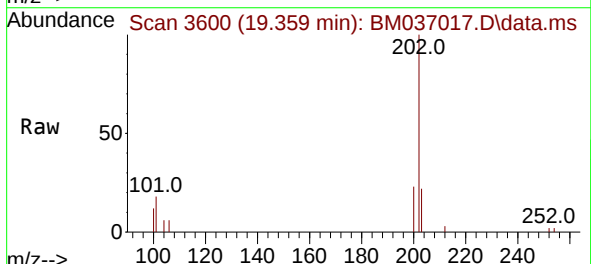
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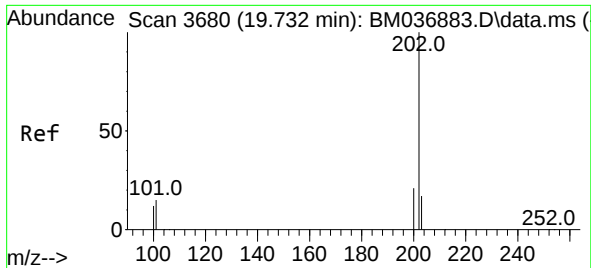
Tgt Ion:178 Resp: 12196
 Ion Ratio Lower Upper
 178 100
 179 19.8 13.6 20.4
 176 23.6 15.6 23.4#



#19
 Fluoranthene
 Concen: 0.153 ng/ul
 RT: 19.359 min Scan# 3600
 Delta R.T. -0.005 min
 Lab File: BM037017.D
 Acq: 13 Oct 2022 15:07

Tgt Ion:202 Resp: 11048
 Ion Ratio Lower Upper
 202 100
 101 18.5 10.1 15.1#
 100 12.2 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: BM037017.D
 Acq: 13 Oct 2022 15:07

Instrument :
 BNA_M
 ClientSampleId :
 CB8X9DL

Tgt Ion:202 Resp: 8028
 Ion Ratio Lower Upper
 202 100
 101 19.5 12.0 18.0#
 100 15.7 9.8 14.6#

