

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037019.D
 Acq On : 13 Oct 2022 16:20
 Operator : CG/JU
 Sample : N4976-02DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB8X5DL

Quant Time: Oct 13 23:35:14 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)

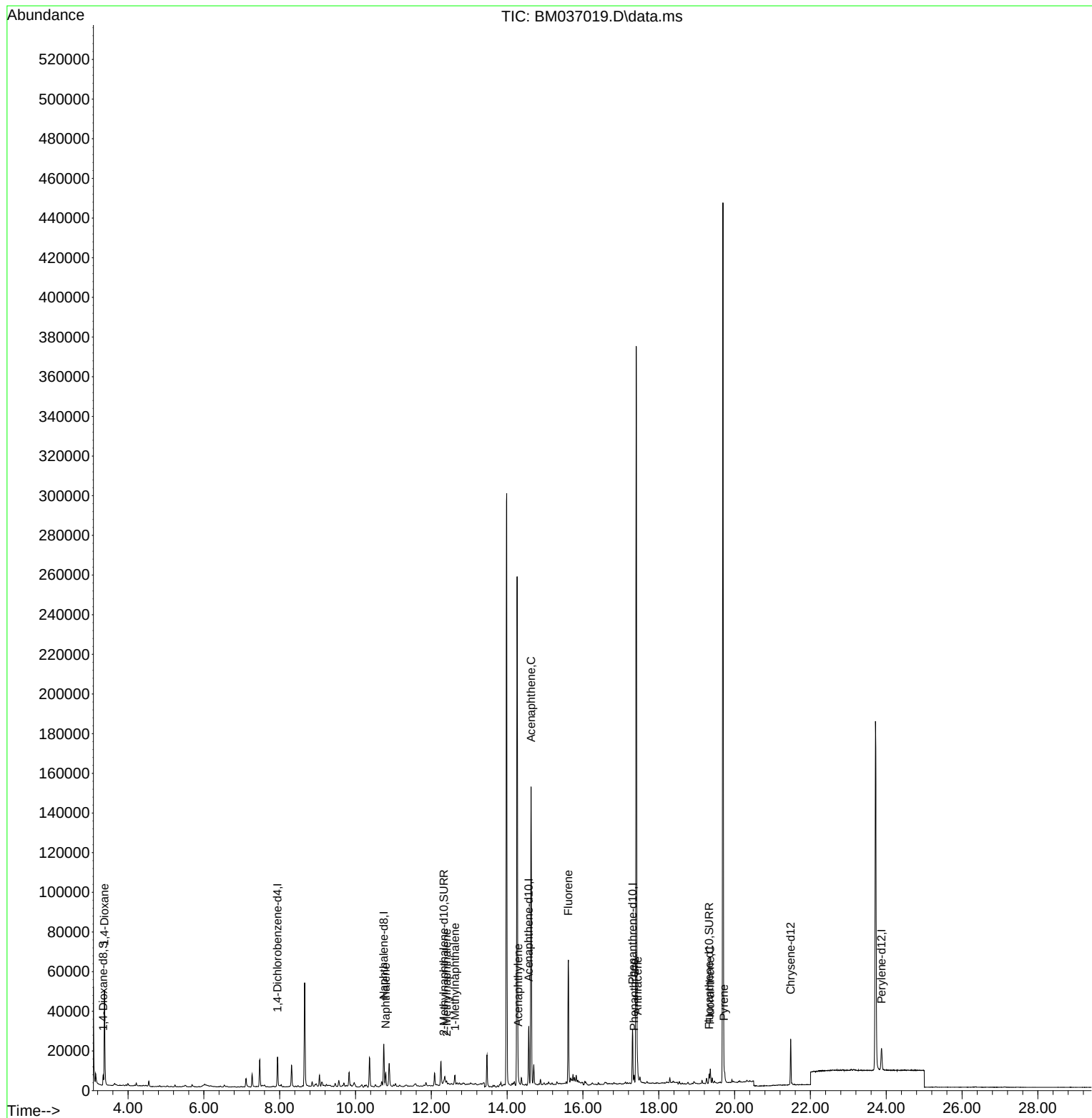
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	7646	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	28434	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.570	164	16477	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	32137	0.400	ng/ul #	0.00
17) Chrysene-d12	21.479	240	20063	0.400	ng/ul	0.00
23) Perylene-d12	23.876	264	15037	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	3253	0.302	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	2276	0.053	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	4914	0.082	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.377	88	32901	3.121	ng/ul#	75
5) Naphthalene	10.798	128	8903	0.110	ng/ul	98
7) 2-Methylnaphthalene	12.404	142	1183	0.024	ng/ul	94
8) 1-Methylnaphthalene	12.624	142	3048	0.060	ng/ul	97
10) Acenaphthylene	14.293	152	1915	0.028	ng/ul#	33
11) Acenaphthene	14.630	153	85521	1.439	ng/ul	98
12) Fluorene	15.616	166	39623	0.588	ng/ul	99
15) Phenanthrene	17.351	178	4467	0.044	ng/ul#	75
16) Anthracene	17.440	178	6016	0.070	ng/ul#	80
19) Fluoranthene	19.359	202	5654	0.071	ng/ul#	79
20) Pyrene	19.721	202	4572	0.055	ng/ul#	80

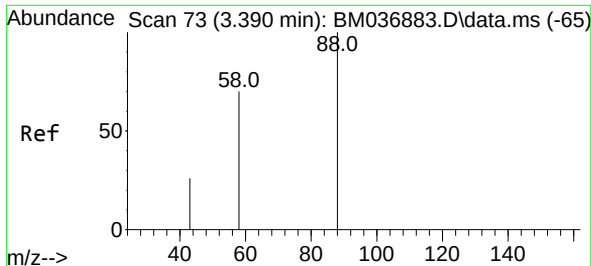
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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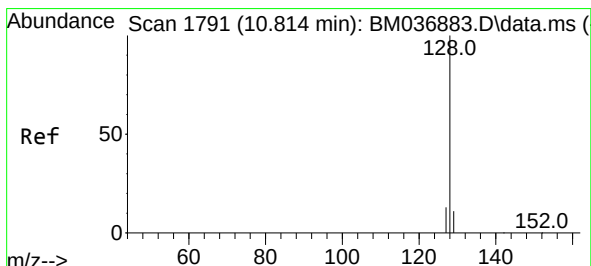
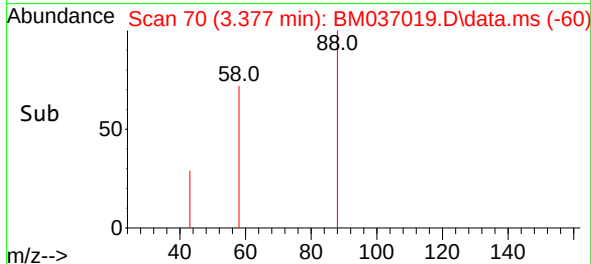
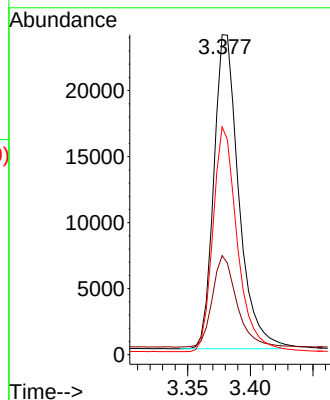
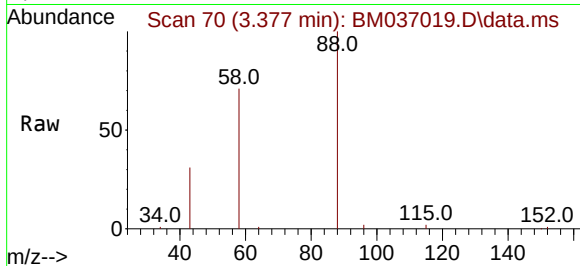




#2
1,4-Dioxane
Concen: 3.121 ng/ul
RT: 3.377 min Scan# 70
Delta R.T. -0.008 min
Lab File: BM037019.D
Acq: 13 Oct 2022 16:20

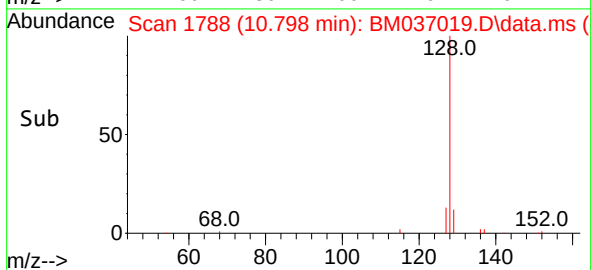
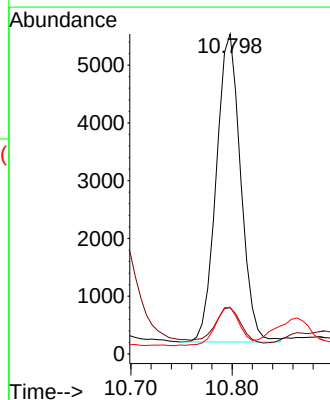
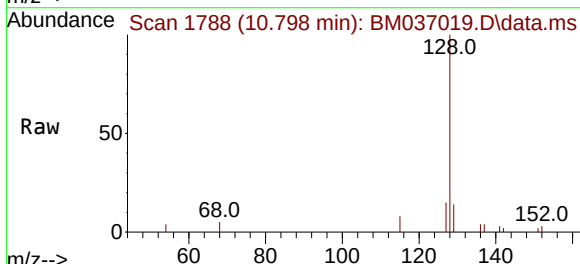
Instrument :
BNA_M
ClientSampleId :
CB8X5DL

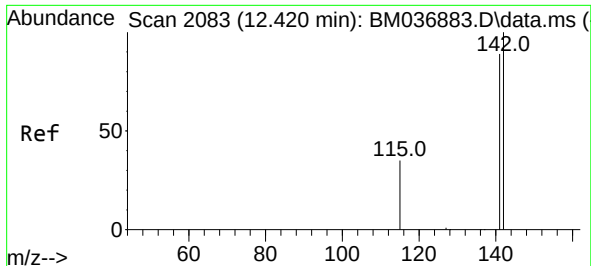
Tgt Ion: 88 Resp: 32901
Ion Ratio Lower Upper
88 100
43 31.0 37.8 56.6#
58 71.2 42.6 63.8#



#5
Naphthalene
Concen: 0.110 ng/ul
RT: 10.798 min Scan# 1788
Delta R.T. -0.005 min
Lab File: BM037019.D
Acq: 13 Oct 2022 16:20

Tgt Ion: 128 Resp: 8903
Ion Ratio Lower Upper
128 100
129 14.4 10.2 15.2
127 14.6 11.7 17.5

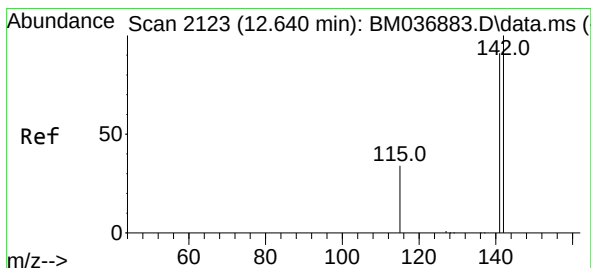
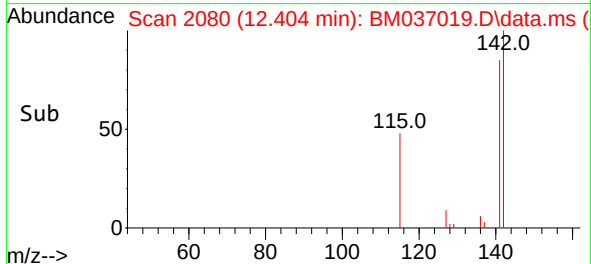
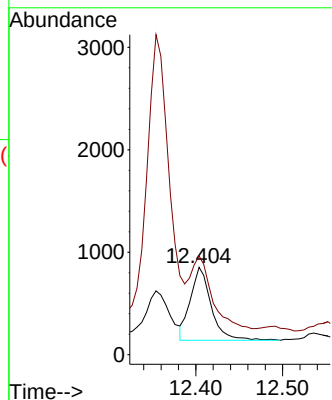
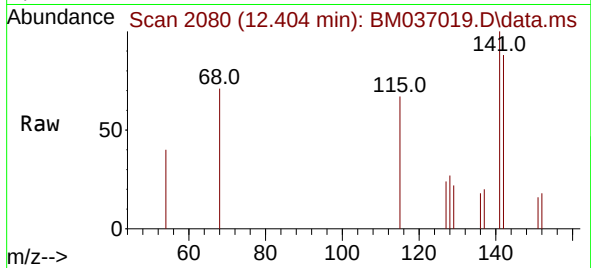




#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.404 min Scan# 2080
Delta R.T. -0.011 min
Lab File: BM037019.D
Acq: 13 Oct 2022 16:20

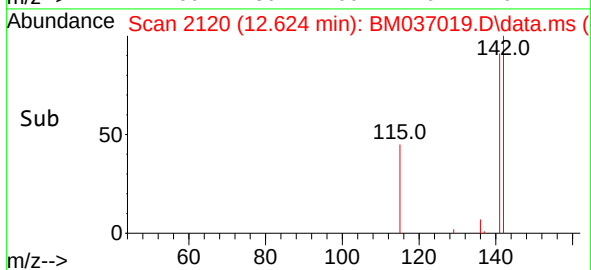
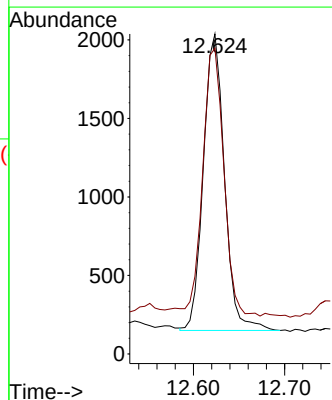
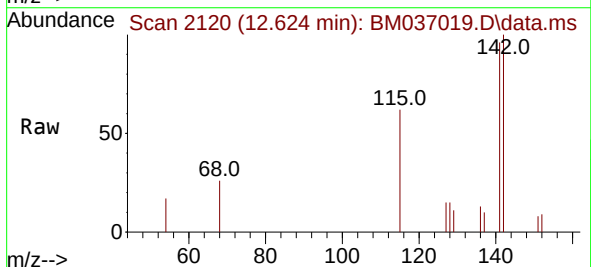
Instrument :
BNA_M
ClientSampleId :
CB8X5DL

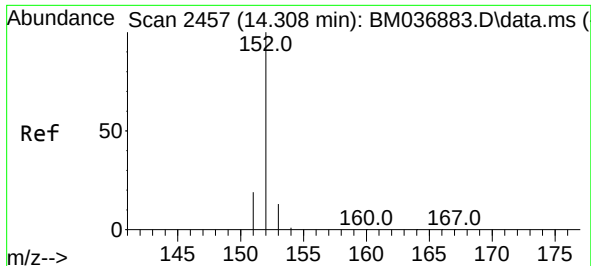
Tgt Ion:142 Resp: 1183
Ion Ratio Lower Upper
142 100
141 102.3 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.060 ng/ul
RT: 12.624 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BM037019.D
Acq: 13 Oct 2022 16:20

Tgt Ion:142 Resp: 3048
Ion Ratio Lower Upper
142 100
141 90.0 74.1 111.1

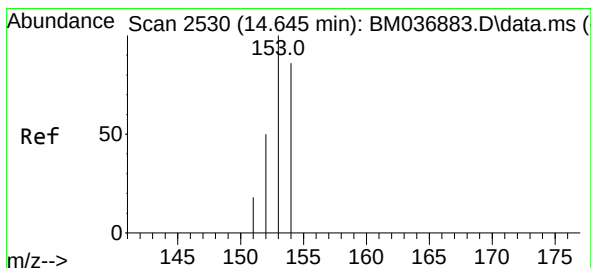
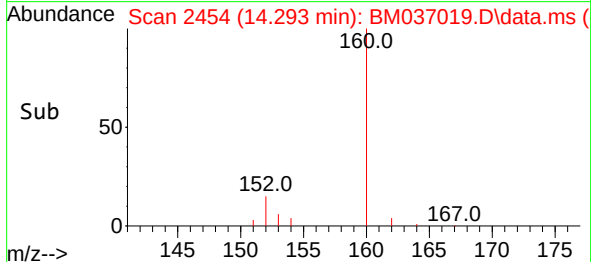
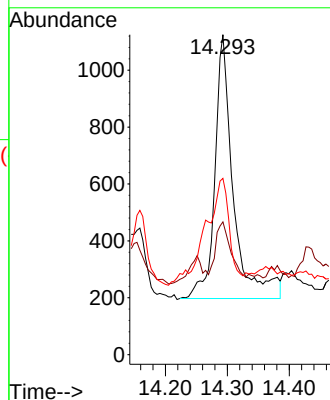
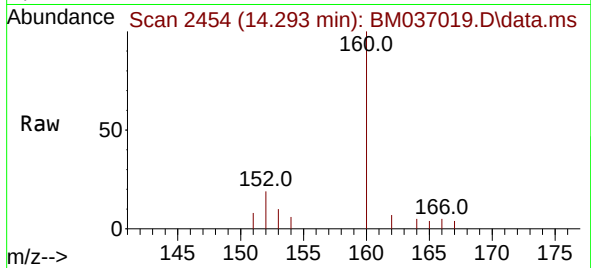




#10
Acenaphthylene
Concen: 0.028 ng/ul
RT: 14.293 min Scan# 2454
Delta R.T. -0.005 min
Lab File: BM037019.D
Acq: 13 Oct 2022 16:20

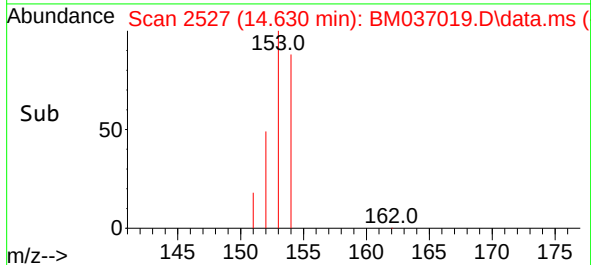
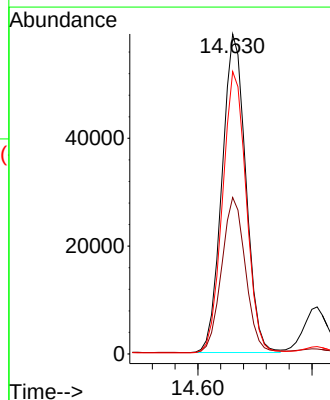
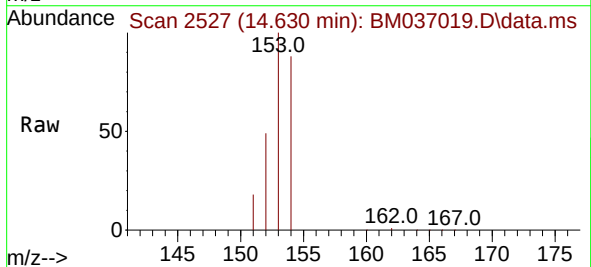
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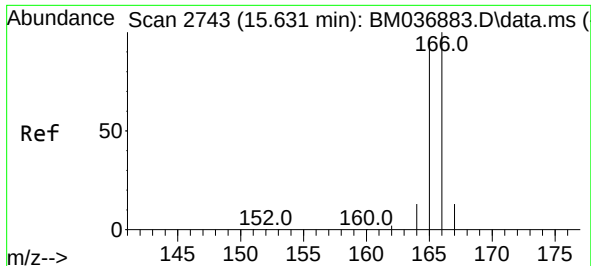
Tgt Ion:152 Resp: 1915
Ion Ratio Lower Upper
152 100
151 41.5 16.6 24.8#
153 55.1 11.4 17.0#



#11
Acenaphthene
Concen: 1.439 ng/ul
RT: 14.630 min Scan# 2527
Delta R.T. -0.009 min
Lab File: BM037019.D
Acq: 13 Oct 2022 16:20

Tgt Ion:153 Resp: 85521
Ion Ratio Lower Upper
153 100
152 48.9 40.2 60.4
154 88.2 69.7 104.5

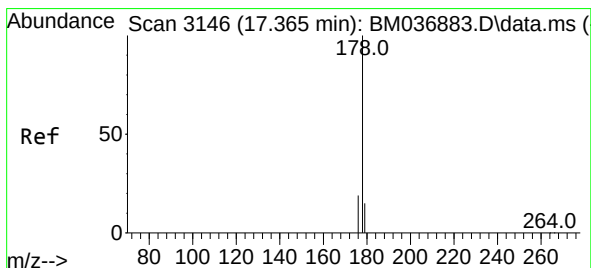
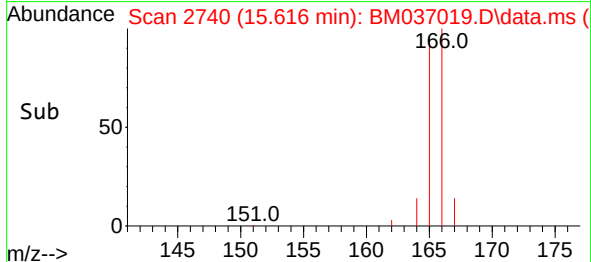
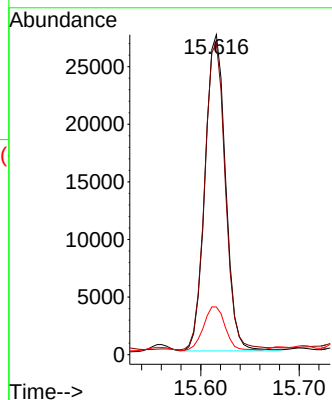
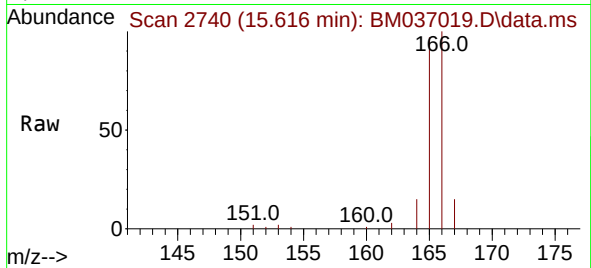




#12
Fluorene
Concen: 0.588 ng/ul
RT: 15.616 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM037019.D
Acq: 13 Oct 2022 16:20

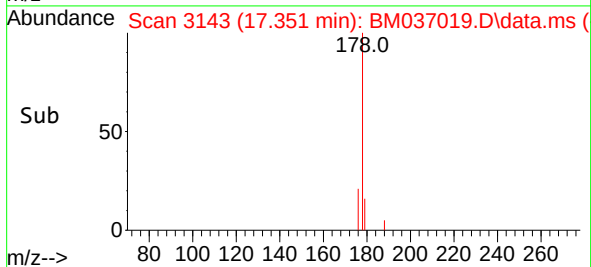
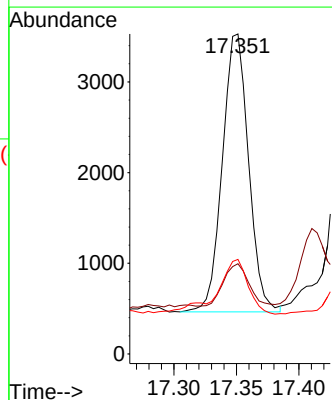
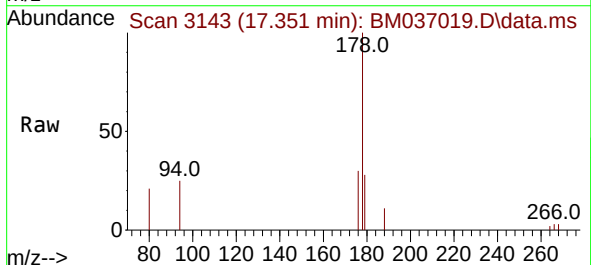
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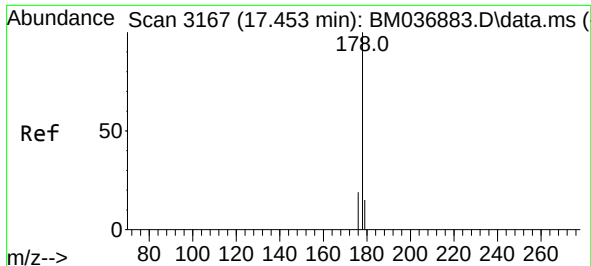
Tgt Ion:166 Resp: 39623
Ion Ratio Lower Upper
166 100
165 97.4 78.9 118.3
167 14.9 11.3 16.9



#15
Phenanthrene
Concen: 0.044 ng/ul
RT: 17.351 min Scan# 3143
Delta R.T. -0.004 min
Lab File: BM037019.D
Acq: 13 Oct 2022 16:20

Tgt Ion:178 Resp: 4467
Ion Ratio Lower Upper
178 100
179 28.2 13.0 19.6#
176 29.5 15.6 23.4#

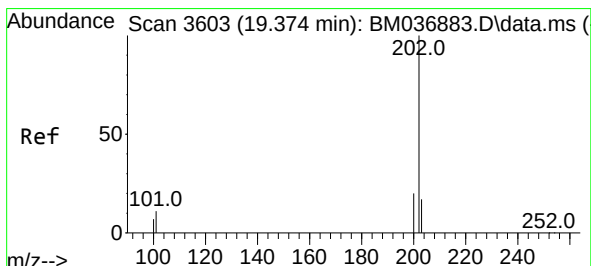
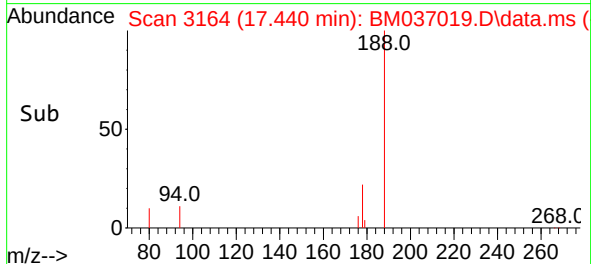
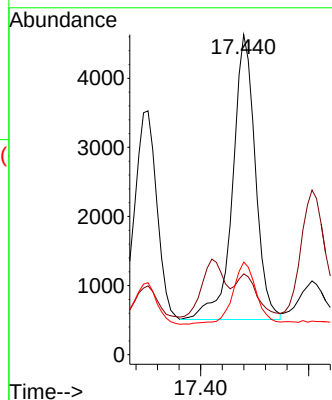
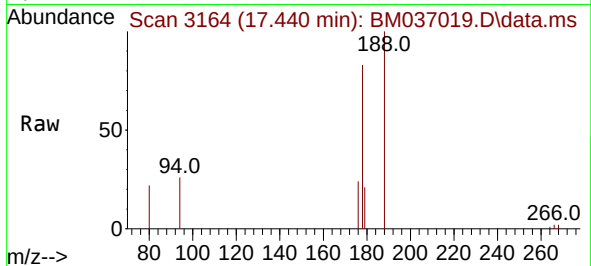




#16
 Anthracene
 Concen: 0.070 ng/ul
 RT: 17.440 min Scan# 3164
 Delta R.T. -0.008 min
 Lab File: BM037019.D
 Acq: 13 Oct 2022 16:20

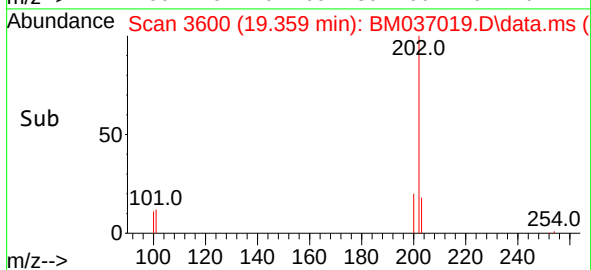
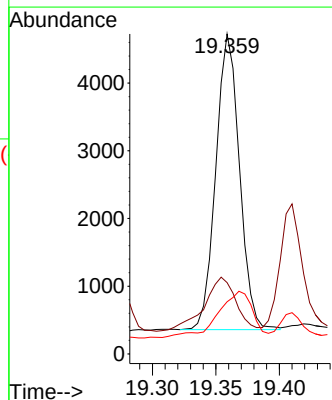
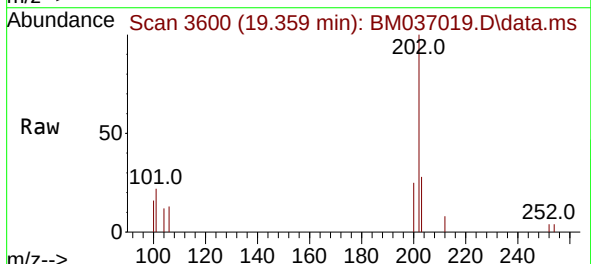
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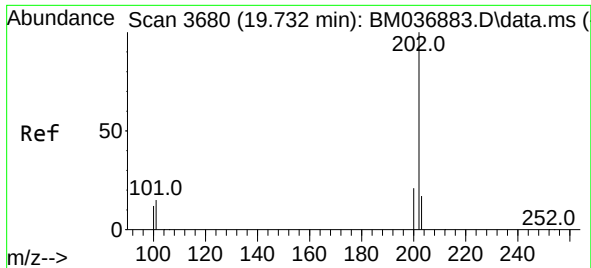
Tgt Ion:178 Resp: 6016
 Ion Ratio Lower Upper
 178 100
 179 25.2 13.6 20.4#
 176 28.9 15.6 23.4#



#19
 Fluoranthene
 Concen: 0.071 ng/ul
 RT: 19.359 min Scan# 3600
 Delta R.T. -0.005 min
 Lab File: BM037019.D
 Acq: 13 Oct 2022 16:20

Tgt Ion:202 Resp: 5654
 Ion Ratio Lower Upper
 202 100
 101 22.3 10.1 15.1#
 100 16.3 7.9 11.9#





#20

Pyrene

Concen: 0.055 ng/ul

RT: 19.721 min Scan# 30

Delta R.T. -0.005 min

Lab File: BM037019.D

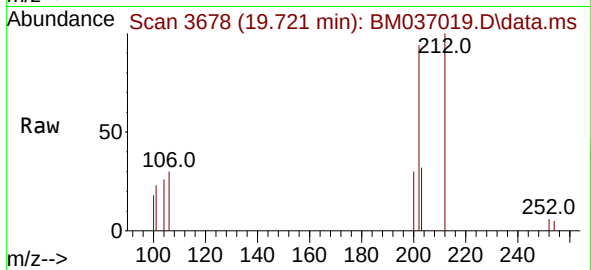
Acq: 13 Oct 2022 16:20

Instrument :

BNA_M

ClientSampleId :

CB8X5DL



Tgt Ion:202 Resp: 4572

Ion Ratio Lower Upper

202 100

101 24.3 12.0 18.0#

100 18.8 9.8 14.6#

