

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037015.D
 Acq On : 13 Oct 2022 13:52
 Operator : CG/JU
 Sample : N4976-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB8X5

Quant Time: Oct 13 23:34:03 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)

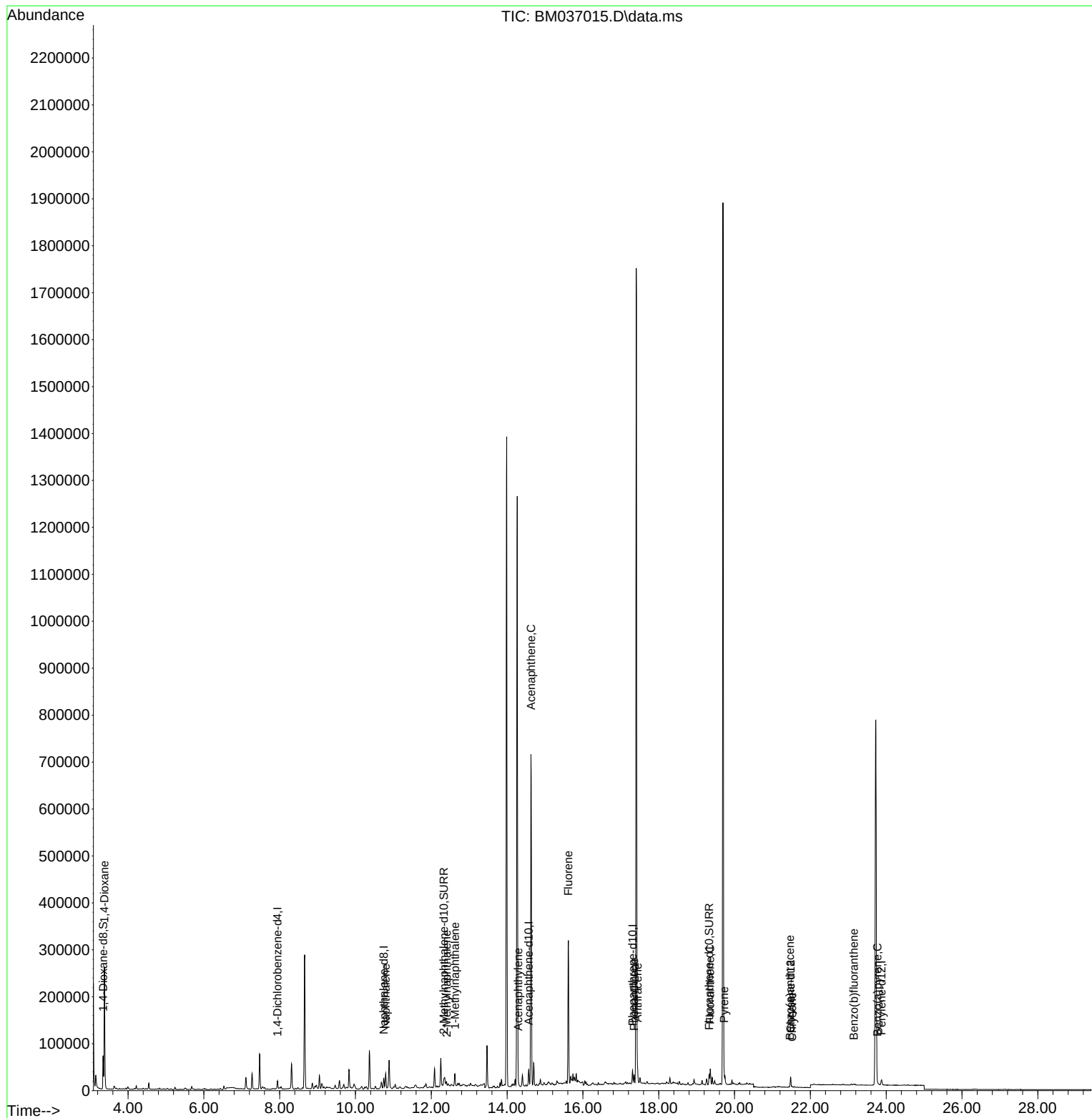
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	8076	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	29100	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.571	164	22345	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.310	188	32745	0.400	ng/ul #	0.00
17) Chrysene-d12	21.481	240	18372	0.400	ng/ul #	0.00
23) Perylene-d12	23.878	264	15978	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	42334	3.717	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	10950	0.249	ng/ul	0.00
18) Fluoranthene-d10	19.332	212	22254	0.405	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.377	88	168445	15.130	ng/ul#	74
5) Naphthalene	10.798	128	42048	0.505	ng/ul	99
7) 2-Methylnaphthalene	12.404	142	5658	0.111	ng/ul	88
8) 1-Methylnaphthalene	12.624	142	14430	0.279	ng/ul	99
10) Acenaphthylene	14.294	152	8351	0.090	ng/ul#	29
11) Acenaphthene	14.631	153	401357	4.979	ng/ul	98
12) Fluorene	15.617	166	186169	2.039	ng/ul	98
15) Phenanthrene	17.352	178	20764	0.199	ng/ul#	80
16) Anthracene	17.441	178	27695	0.317	ng/ul#	83
19) Fluoranthene	19.360	202	24982	0.342	ng/ul#	76
20) Pyrene	19.722	202	19340	0.254	ng/ul#	84
21) Benzo(a)anthracene	21.464	228	3317	0.050	ng/ul#	46
22) Chrysene	21.516	228	2458	0.034	ng/ul#	28
24) Benzo(b)fluoranthene	23.147	252	2302	0.032	ng/ul#	1
26) Benzo(a)pyrene	23.770	252	1224	0.021	ng/ul#	1

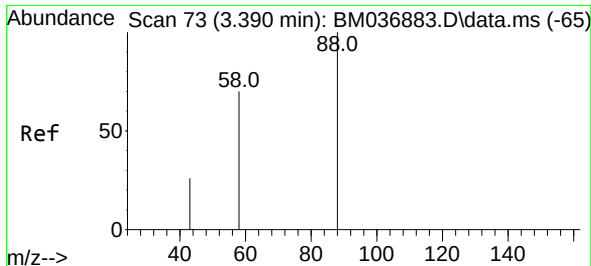
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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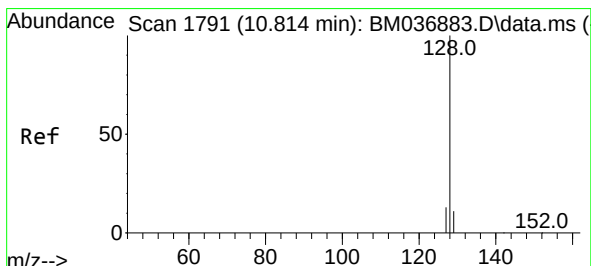
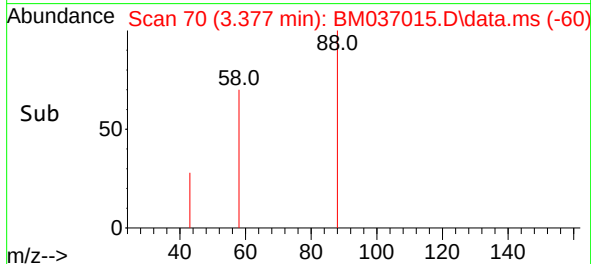
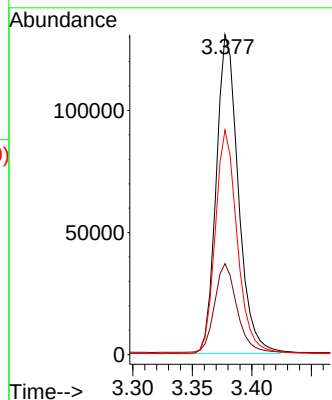
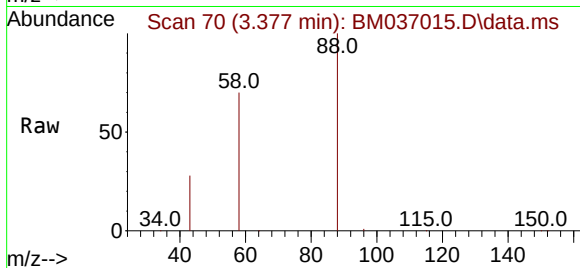




#2
1,4-Dioxane
Concen: 15.130 ng/ul
RT: 3.377 min Scan# 70
Delta R.T. -0.008 min
Lab File: BM037015.D
Acq: 13 Oct 2022 13:52

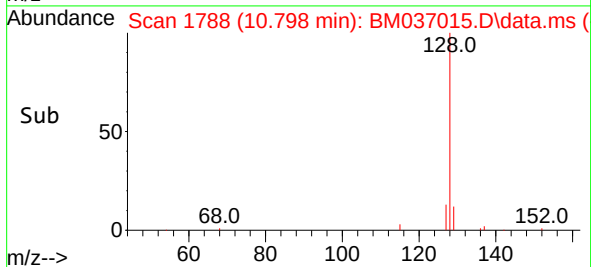
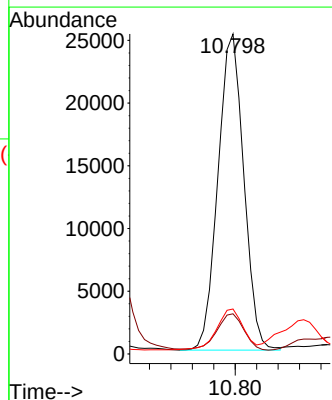
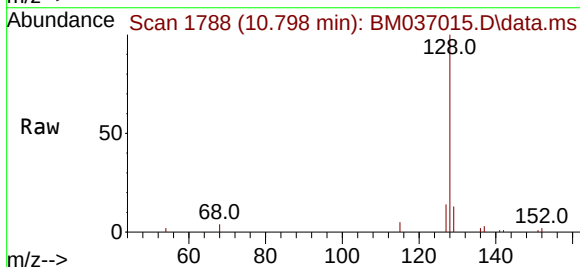
Instrument :
BNA_M
ClientSampleId :
CB8X5

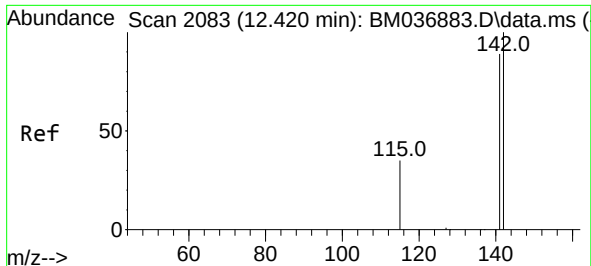
Tgt Ion: 88 Resp: 168445
Ion Ratio Lower Upper
88 100
43 28.4 37.8 56.6#
58 70.2 42.6 63.8#



#5
Naphthalene
Concen: 0.505 ng/ul
RT: 10.798 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BM037015.D
Acq: 13 Oct 2022 13:52

Tgt Ion: 128 Resp: 42048
Ion Ratio Lower Upper
128 100
129 12.6 10.2 15.2
127 14.0 11.7 17.5

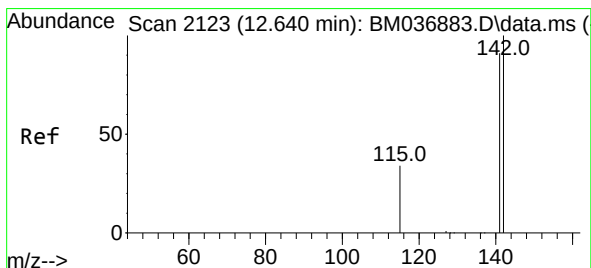
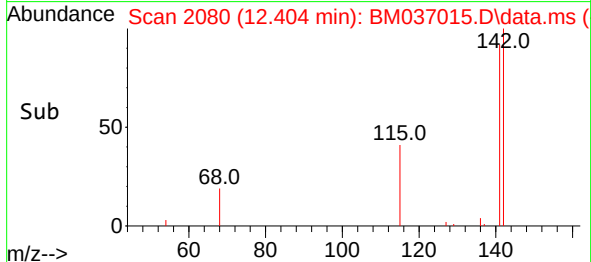
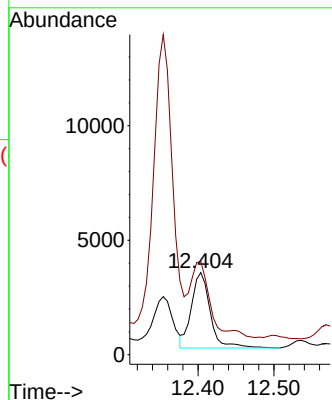
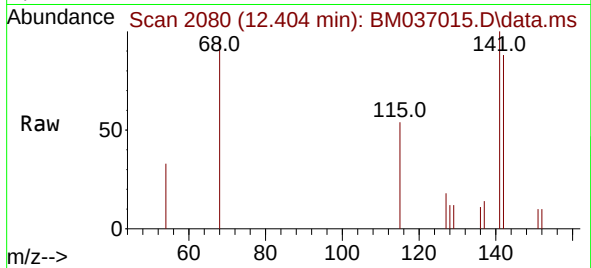




#7
2-Methylnaphthalene
Concen: 0.111 ng/ul
RT: 12.404 min Scan# 2080
Delta R.T. -0.011 min
Lab File: BM037015.D
Acq: 13 Oct 2022 13:52

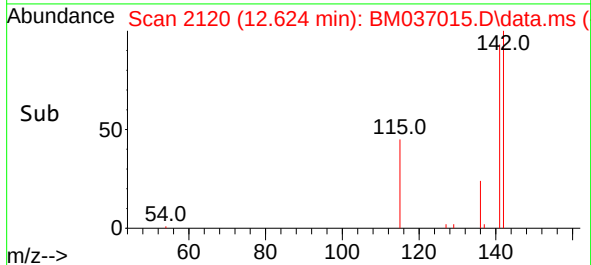
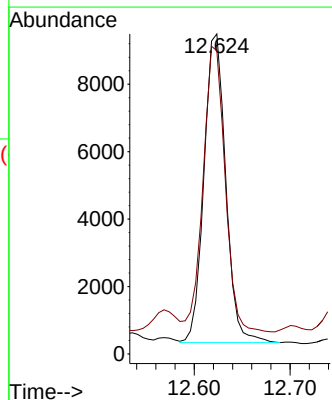
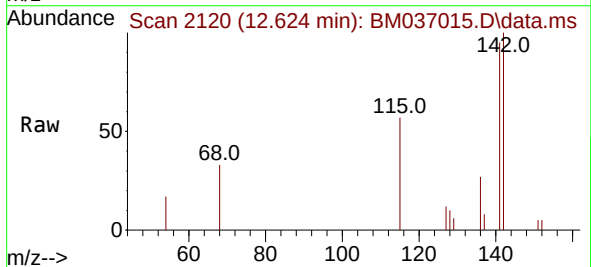
Instrument :
BNA_M
ClientSampleId :
CB8X5

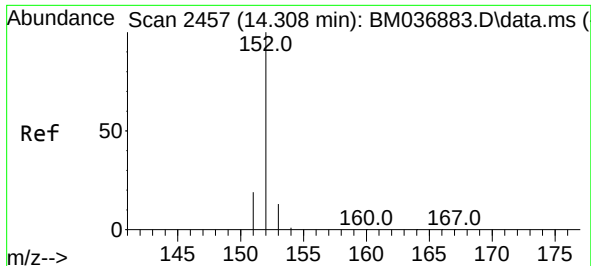
Tgt Ion:142 Resp: 5658
Ion Ratio Lower Upper
142 100
141 108.7 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.279 ng/ul
RT: 12.624 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM037015.D
Acq: 13 Oct 2022 13:52

Tgt Ion:142 Resp: 14430
Ion Ratio Lower Upper
142 100
141 93.5 74.1 111.1

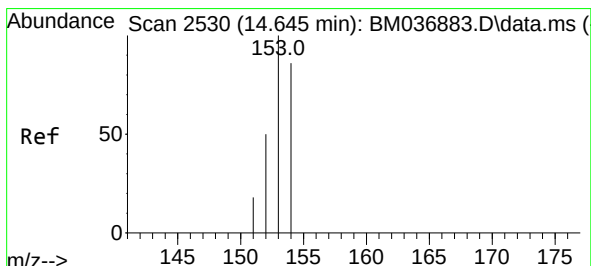
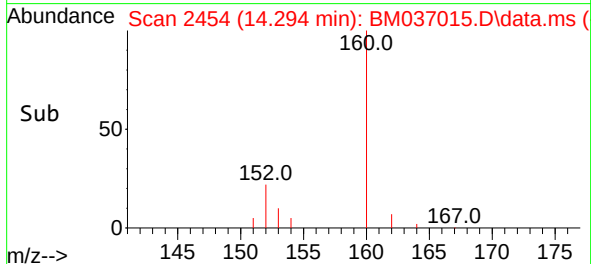
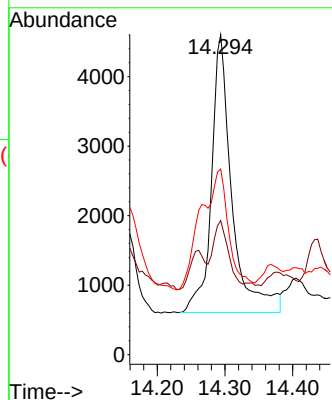
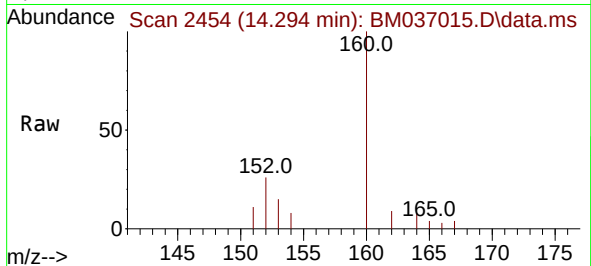




#10
Acenaphthylene
Concen: 0.090 ng/ul
RT: 14.294 min Scan# 2454
Delta R.T. -0.004 min
Lab File: BM037015.D
Acq: 13 Oct 2022 13:52

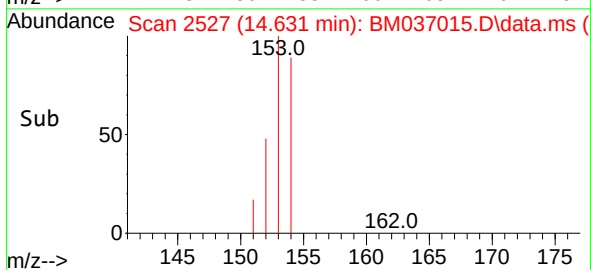
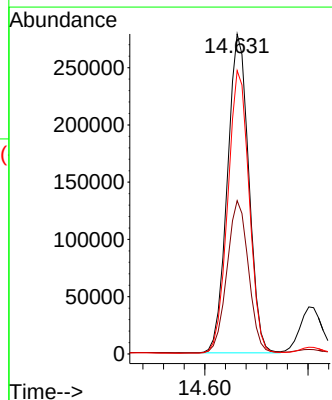
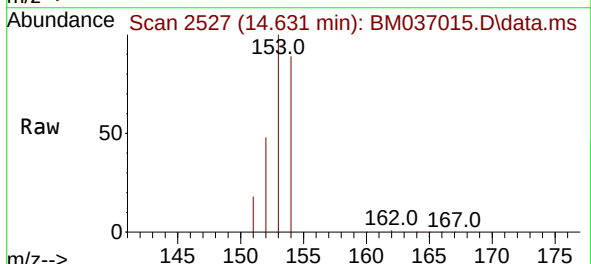
Instrument :
BNA_M
ClientSampleId :
CB8X5

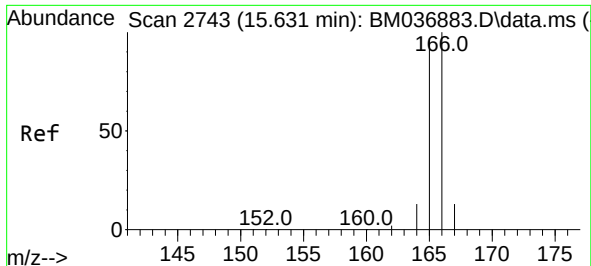
Tgt Ion:152 Resp: 8351
Ion Ratio Lower Upper
152 100
151 41.9 16.6 24.8#
153 58.1 11.4 17.0#



#11
Acenaphthene
Concen: 4.979 ng/ul
RT: 14.631 min Scan# 2527
Delta R.T. -0.008 min
Lab File: BM037015.D
Acq: 13 Oct 2022 13:52

Tgt Ion:153 Resp: 401357
Ion Ratio Lower Upper
153 100
152 47.9 40.2 60.4
154 88.5 69.7 104.5

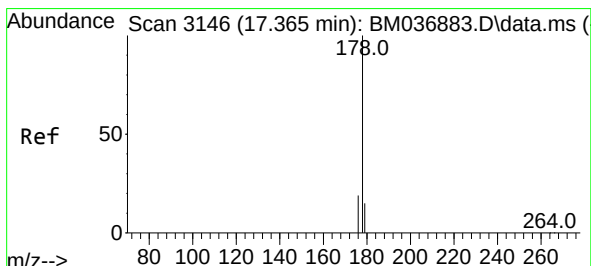
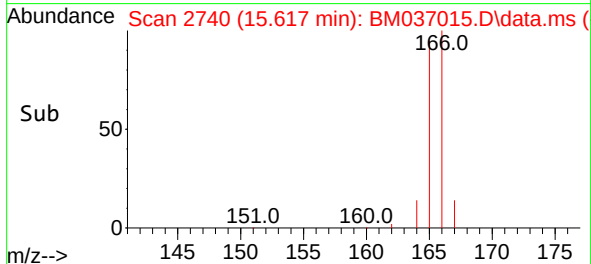
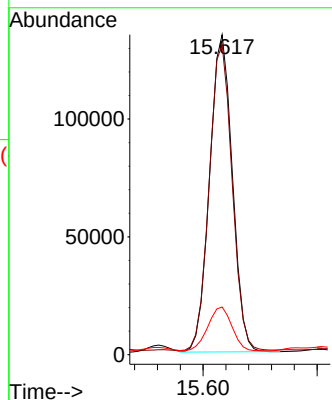
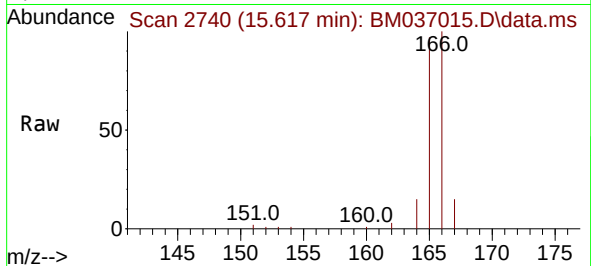




#12
Fluorene
Concen: 2.039 ng/u1
RT: 15.617 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM037015.D
Acq: 13 Oct 2022 13:52

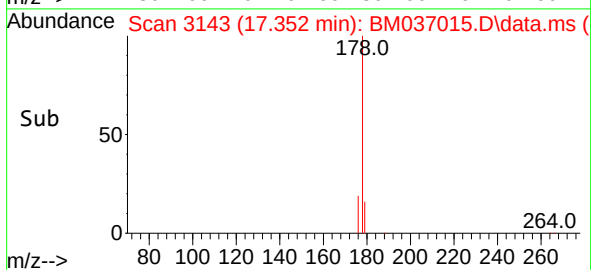
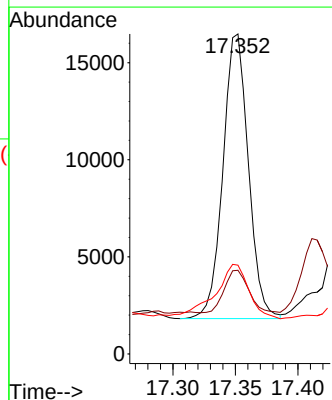
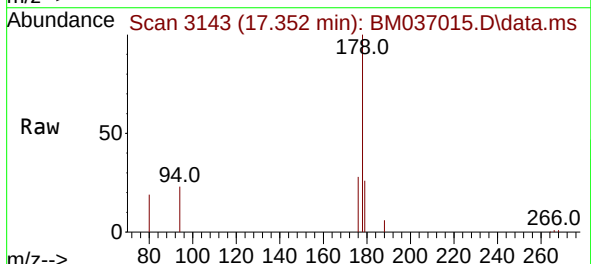
Instrument :
BNA_M
ClientSampleId :
CB8X5

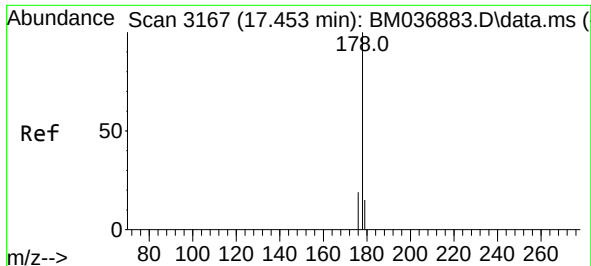
Tgt Ion:166 Resp: 186169
Ion Ratio Lower Upper
166 100
165 96.9 78.9 118.3
167 14.9 11.3 16.9



#15
Phenanthrene
Concen: 0.199 ng/u1
RT: 17.352 min Scan# 3143
Delta R.T. -0.003 min
Lab File: BM037015.D
Acq: 13 Oct 2022 13:52

Tgt Ion:178 Resp: 20764
Ion Ratio Lower Upper
178 100
179 26.1 13.0 19.6#
176 27.8 15.6 23.4#

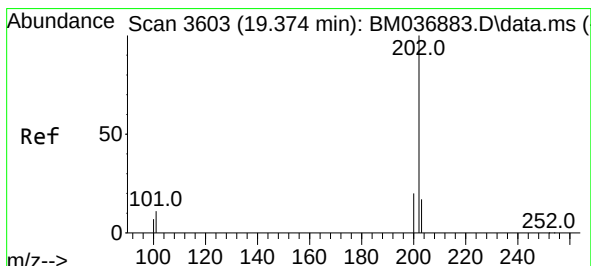
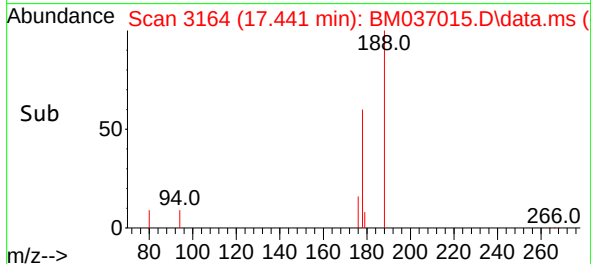
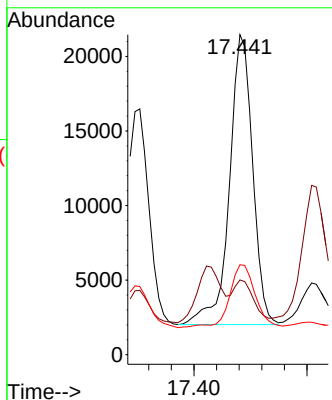
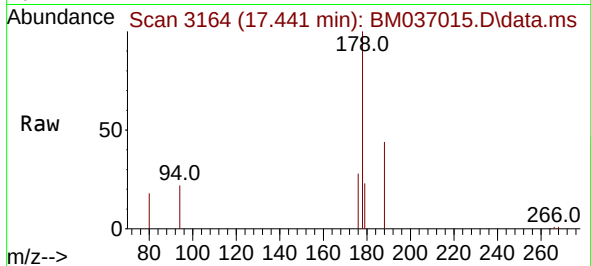




#16
 Anthracene
 Concen: 0.317 ng/ul
 RT: 17.441 min Scan# 3167
 Delta R.T. -0.008 min
 Lab File: BM037015.D
 Acq: 13 Oct 2022 13:52

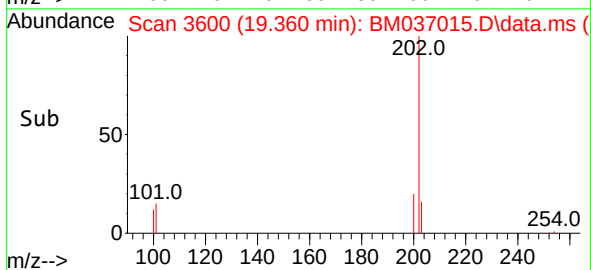
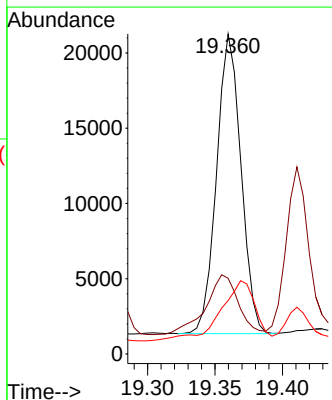
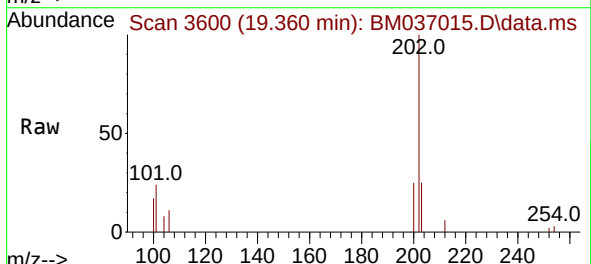
Instrument :
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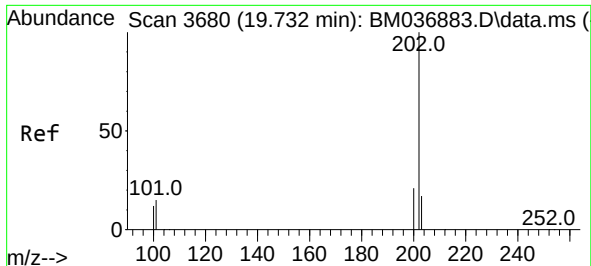
Tgt Ion:178 Resp: 27695
 Ion Ratio Lower Upper
 178 100
 179 23.4 13.6 20.4#
 176 28.1 15.6 23.4#



#19
 Fluoranthene
 Concen: 0.342 ng/ul
 RT: 19.360 min Scan# 3600
 Delta R.T. -0.004 min
 Lab File: BM037015.D
 Acq: 13 Oct 2022 13:52

Tgt Ion:202 Resp: 24982
 Ion Ratio Lower Upper
 202 100
 101 23.7 10.1 15.1#
 100 16.7 7.9 11.9#

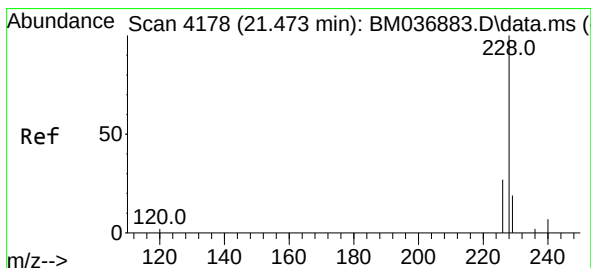
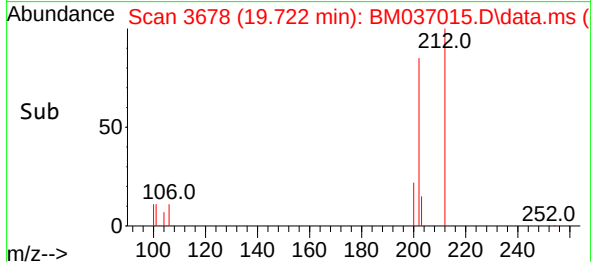
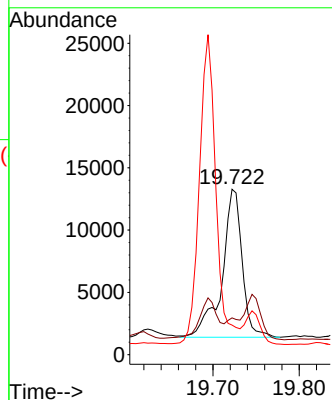
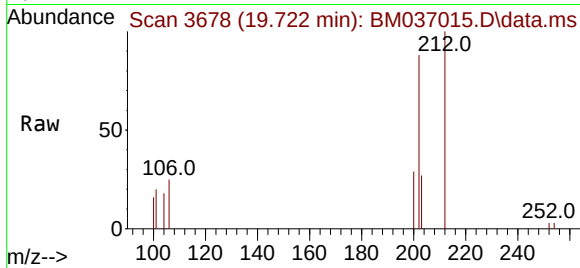




#20
Pyrene
Concen: 0.254 ng/ul
RT: 19.722 min Scan# 3678
Delta R.T. -0.004 min
Lab File: BM037015.D
Acq: 13 Oct 2022 13:52

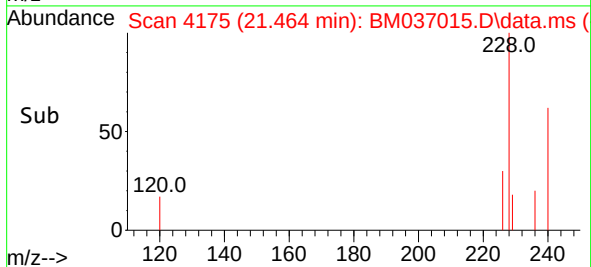
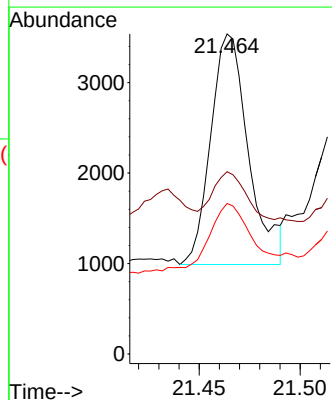
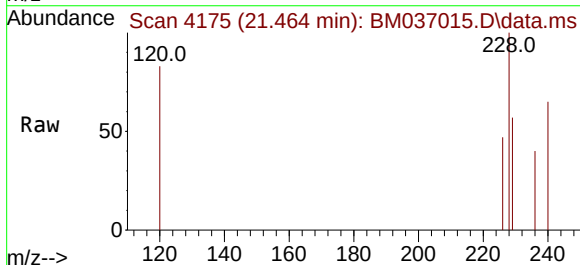
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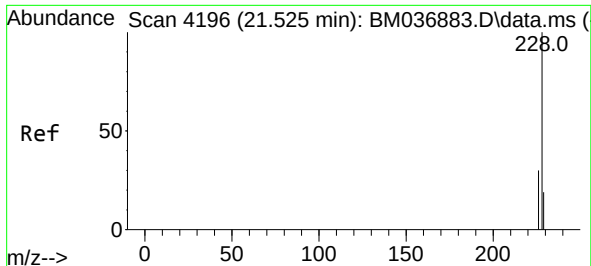
Tgt Ion:202 Resp: 19340
Ion Ratio Lower Upper
202 100
101 22.3 12.0 18.0#
100 17.9 9.8 14.6#



#21
Benzo(a)anthracene
Concen: 0.050 ng/ul
RT: 21.464 min Scan# 4175
Delta R.T. -0.004 min
Lab File: BM037015.D
Acq: 13 Oct 2022 13:52

Tgt Ion:228 Resp: 3317
Ion Ratio Lower Upper
228 100
229 57.0 16.2 24.2#
226 47.0 22.5 33.7#





#22

Chrysene

Concen: 0.034 ng/ul

RT: 21.516 min Scan# 41

Delta R.T. -0.004 min

Lab File: BM037015.D

Acq: 13 Oct 2022 13:52

Instrument :

BNA_M

ClientSampleId :

CB8X5

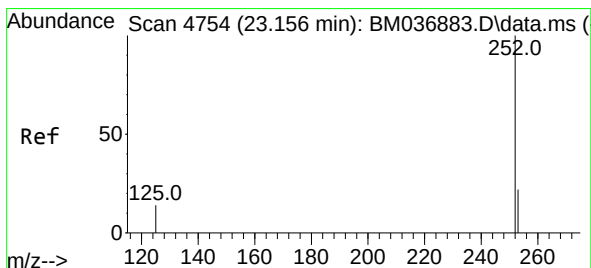
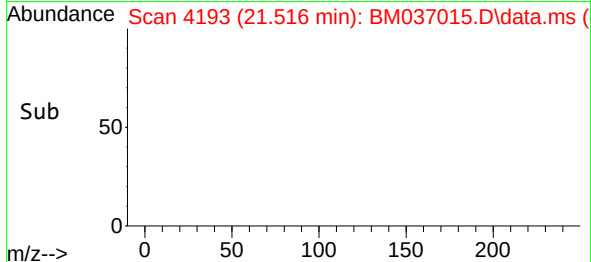
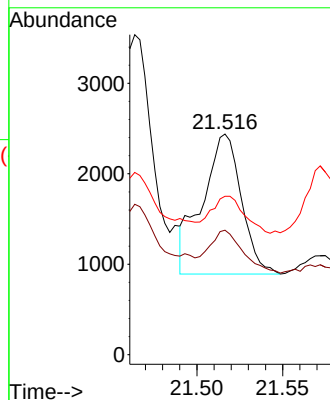
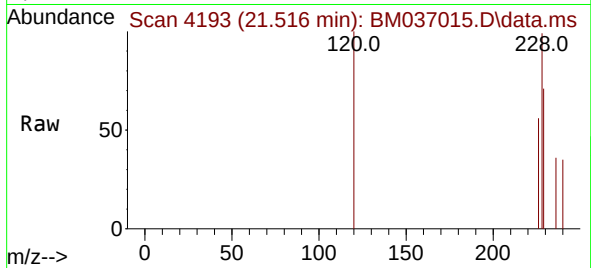
Tgt Ion:228 Resp: 2458

Ion Ratio Lower Upper

228 100

226 56.4 24.6 37.0#

229 71.8 16.4 24.6#



#24

Benzo(b)fluoranthene

Concen: 0.032 ng/ul

RT: 23.147 min Scan# 4751

Delta R.T. 0.002 min

Lab File: BM037015.D

Acq: 13 Oct 2022 13:52

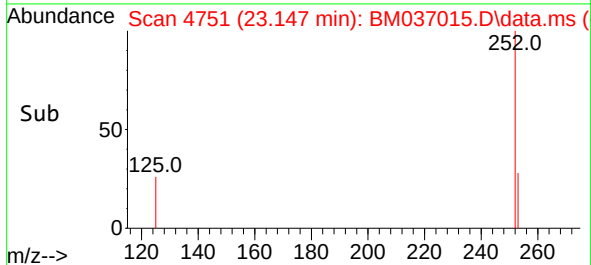
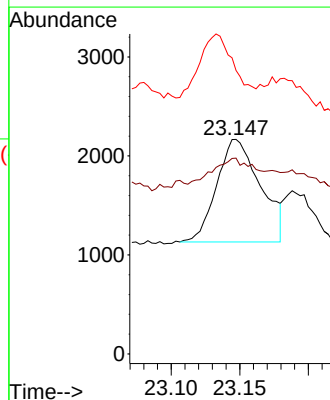
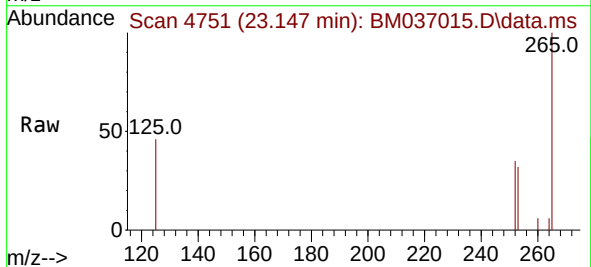
Tgt Ion:252 Resp: 2302

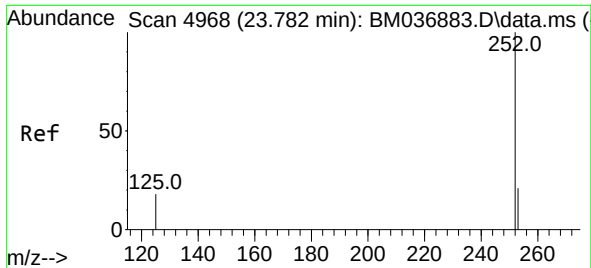
Ion Ratio Lower Upper

252 100

253 91.3 0.0 61.4#

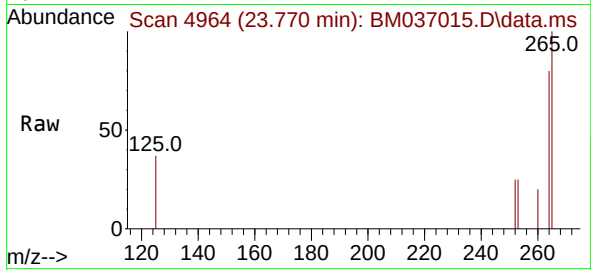
125 132.1 0.0 42.6#





#26
Benzo(a)pyrene
Concen: 0.021 ng/ul
RT: 23.770 min Scan# 4964
Delta R.T. -0.001 min
Lab File: BM037015.D
Acq: 13 Oct 2022 13:52

Instrument :
BNA_M
ClientSampleId :
CB8X5



Tgt Ion:252 Resp: 1224
Ion Ratio Lower Upper
252 100
253 100.1 29.7 44.5#
125 148.4 23.6 35.4#

