

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037060.D
 Acq On : 14 Oct 2022 19:07
 Operator : CG/JU
 Sample : N5025-02DL 2X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BD5DL

Quant Time: Oct 14 23:04:30 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 : Fri Oct 14 07:11:07 2022
 Response via : Initial Calibration

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

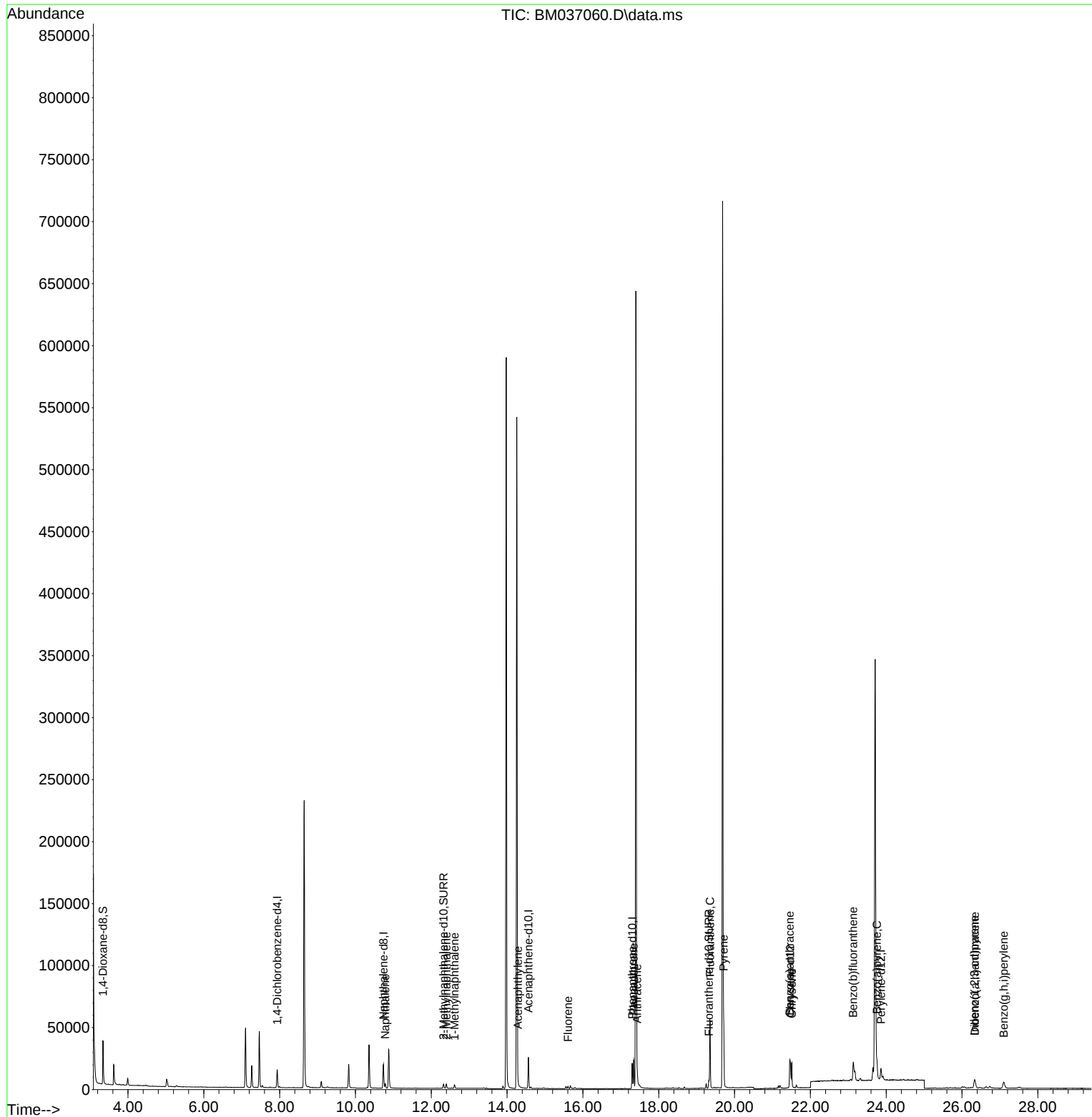
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	7298	0.400	ng/ul	0.00
4) Naphthalene-d8	10.738	136	26161	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.561	164	13359	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.301	188	23694	0.400	ng/ul	0.00
17) Chrysene-d12	21.471	240	14091	0.400	ng/ul	0.00
23) Perylene-d12	23.862	264	12533	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	21989	2.137	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	4832	0.122	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	6685	0.159	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.787	128	4636	0.062	ng/ul	98
7) 2-Methylnaphthalene	12.398	142	2664	0.058	ng/ul	93
8) 1-Methylnaphthalene	12.613	142	2058	0.044	ng/ul	98
10) Acenaphthylene	14.284	152	1347	0.024	ng/ul#	78
12) Fluorene	15.607	166	1183	0.022	ng/ul#	97
15) Phenanthrene	17.339	178	24015	0.317	ng/ul	99
16) Anthracene	17.432	178	4766	0.075	ng/ul	95
19) Fluoranthene	19.354	202	47422	0.846	ng/ul	98
20) Pyrene	19.712	202	42156	0.721	ng/ul	99
21) Benzo(a)anthracene	21.456	228	17378	0.341	ng/ul	98
22) Chrysene	21.509	228	20441	0.374	ng/ul	99
24) Benzo(b)fluoranthene	23.131	252	25194	0.450	ng/ul	95
26) Benzo(a)pyrene	23.754	252	17195	0.379	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.330	276	11598	0.180	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.340	278	3178	0.061	ng/ul#	68
29) Benzo(g,h,i)perylene	27.098	276	11299	0.199	ng/ul	95

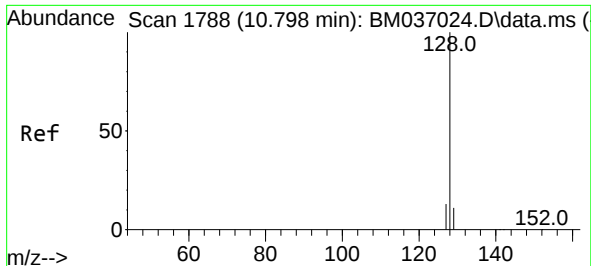
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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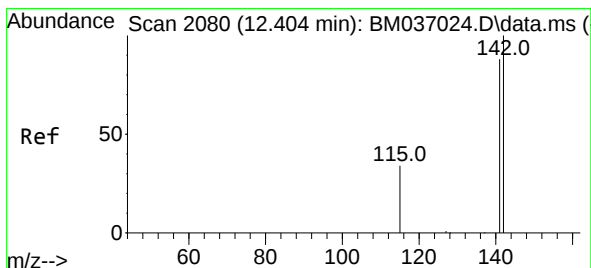
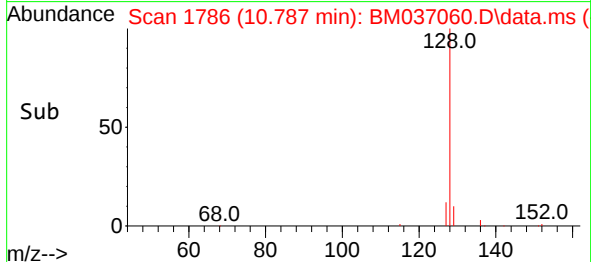
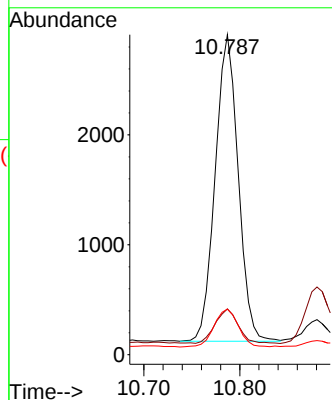
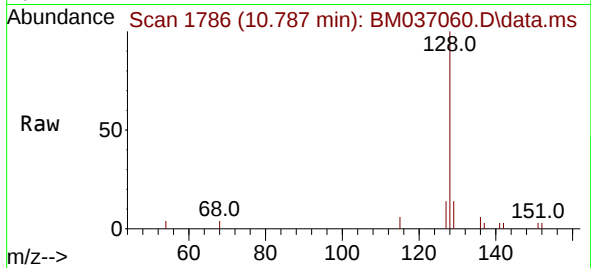




#5
Naphthalene
Concen: 0.062 ng/ul
RT: 10.787 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BM037060.D
Acq: 14 Oct 2022 19:07

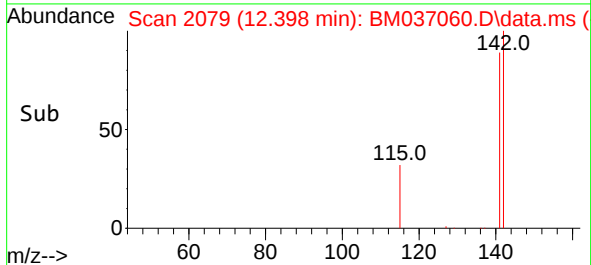
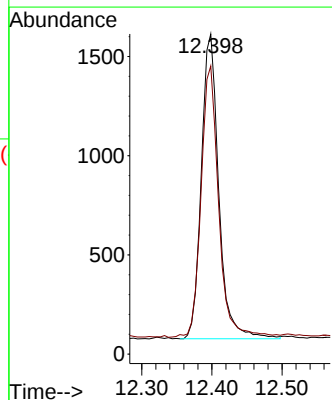
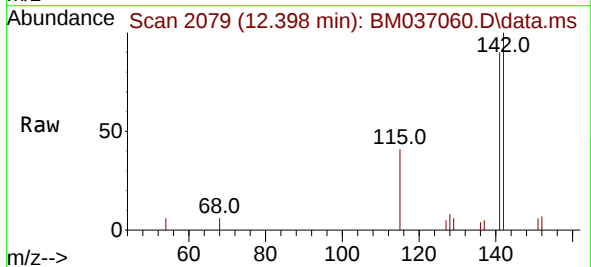
Instrument :
BNA_M
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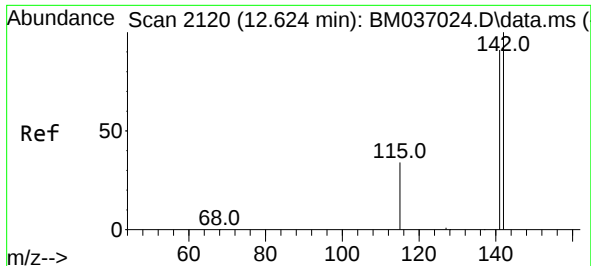
Tgt Ion:128 Resp: 4636
Ion Ratio Lower Upper
128 100
129 14.3 10.2 15.2
127 14.3 11.7 17.5



#7
2-Methylnaphthalene
Concen: 0.058 ng/ul
RT: 12.398 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BM037060.D
Acq: 14 Oct 2022 19:07

Tgt Ion:142 Resp: 2664
Ion Ratio Lower Upper
142 100
141 90.1 77.4 116.0

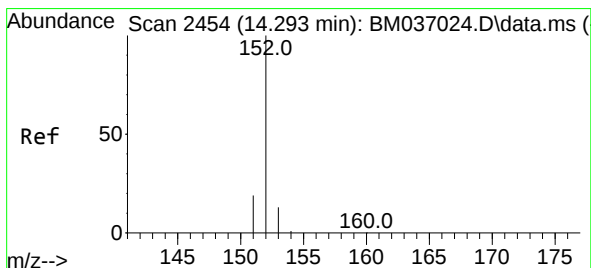
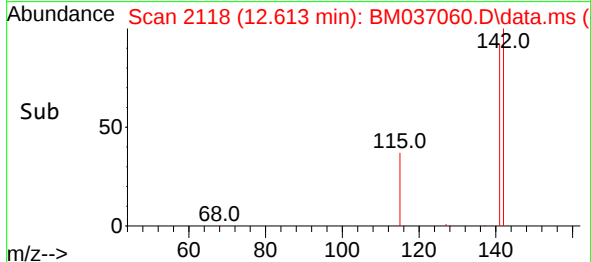
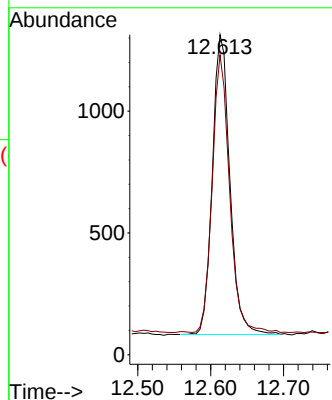
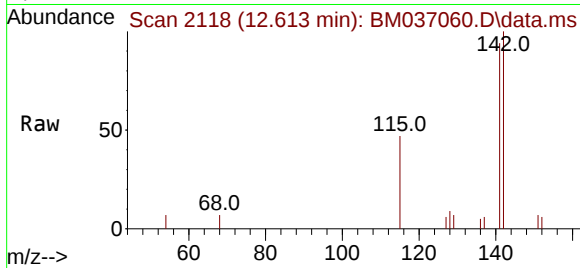




#8
1-Methylnaphthalene
Concen: 0.044 ng/ul
RT: 12.613 min Scan# 2118
Delta R.T. -0.005 min
Lab File: BM037060.D
Acq: 14 Oct 2022 19:07

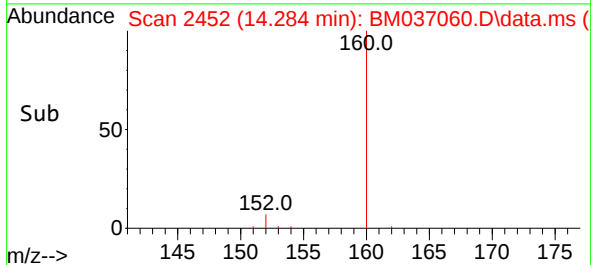
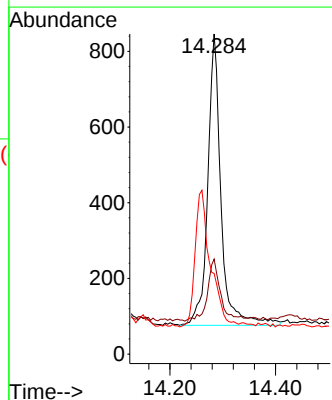
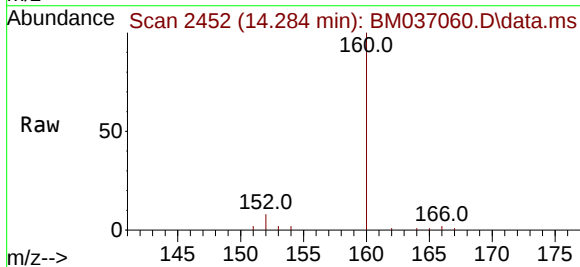
Instrument :
BNA_M
ClientSampleId :
C0BD5DL

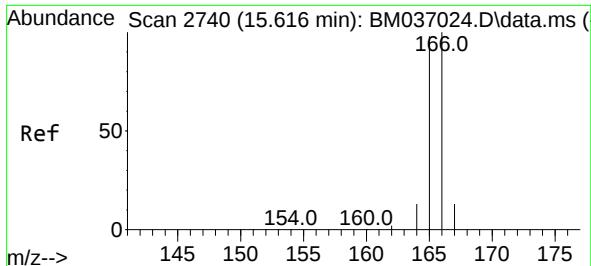
Tgt Ion:142 Resp: 2058
Ion Ratio Lower Upper
142 100
141 91.1 74.1 111.1



#10
Acenaphthylene
Concen: 0.024 ng/ul
RT: 14.284 min Scan# 2452
Delta R.T. -0.001 min
Lab File: BM037060.D
Acq: 14 Oct 2022 19:07

Tgt Ion:152 Resp: 1347
Ion Ratio Lower Upper
152 100
151 29.7 16.6 24.8#
153 25.2 11.4 17.0#

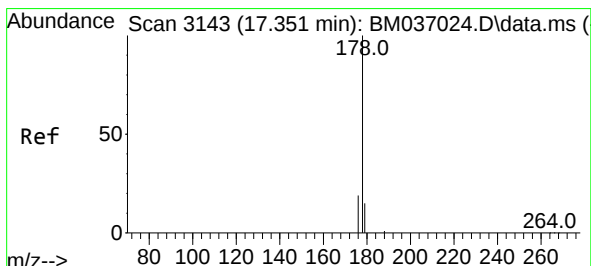
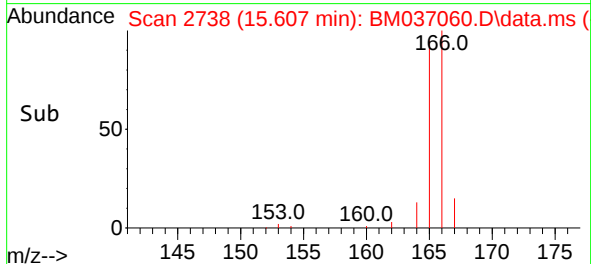
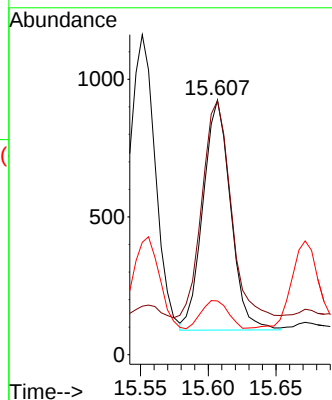
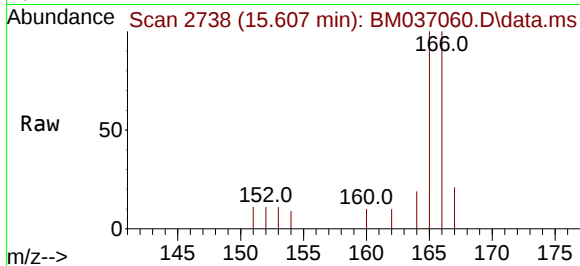




#12
Fluorene
Concen: 0.022 ng/ul
RT: 15.607 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM037060.D
Acq: 14 Oct 2022 19:07

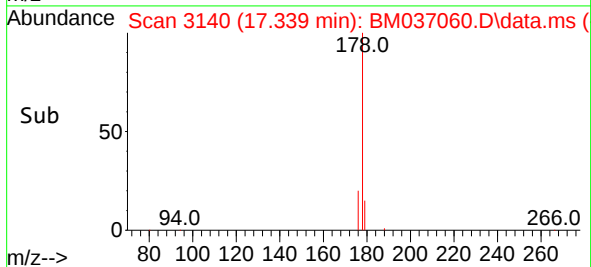
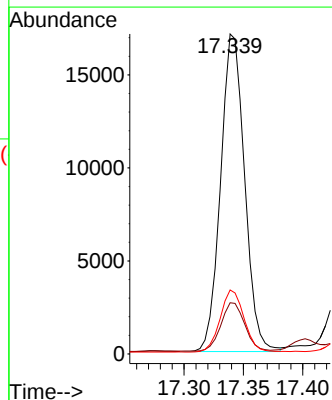
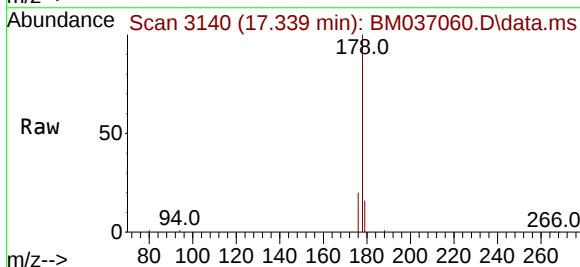
Instrument :
BNA_M
ClientSampleId :
C0BD5DL

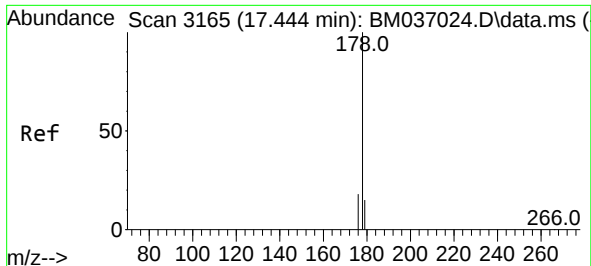
Tgt Ion:166 Resp: 1183
Ion Ratio Lower Upper
166 100
165 99.7 78.9 118.3
167 21.1 11.3 16.9#



#15
Phenanthrene
Concen: 0.317 ng/ul
RT: 17.339 min Scan# 3140
Delta R.T. -0.005 min
Lab File: BM037060.D
Acq: 14 Oct 2022 19:07

Tgt Ion:178 Resp: 24015
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.6
176 20.0 15.6 23.4

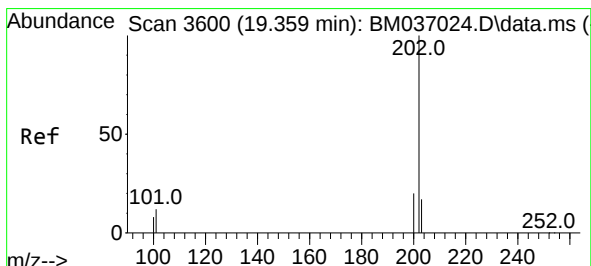
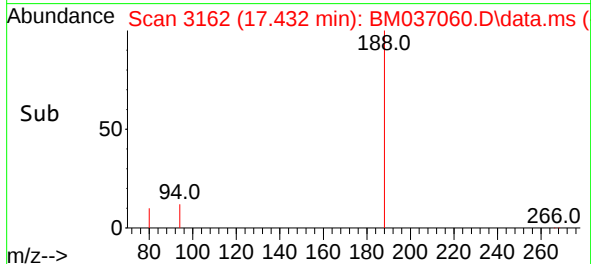
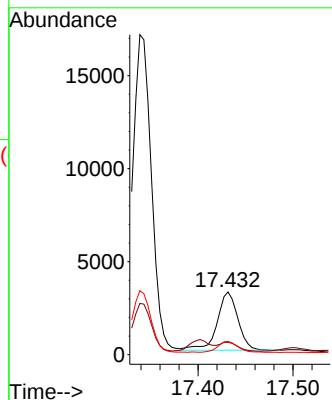
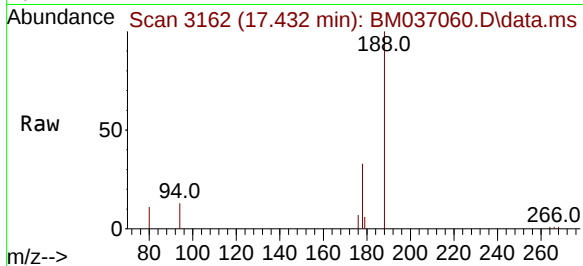




#16
 Anthracene
 Concen: 0.075 ng/ul
 RT: 17.432 min Scan# 3162
 Delta R.T. -0.005 min
 Lab File: BM037060.D
 Acq: 14 Oct 2022 19:07

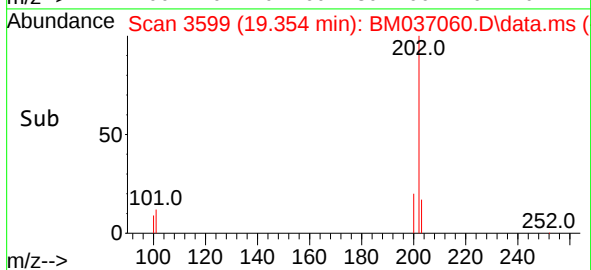
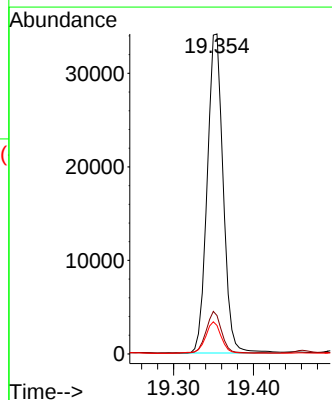
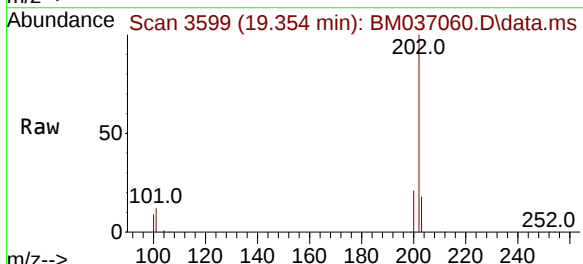
Instrument :
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 ClientSampleId :
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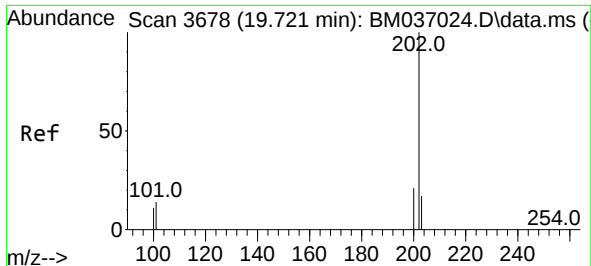
Tgt Ion:178 Resp: 4766
 Ion Ratio Lower Upper
 178 100
 179 19.5 13.6 20.4
 176 21.2 15.6 23.4



#19
 Fluoranthene
 Concen: 0.846 ng/ul
 RT: 19.354 min Scan# 3599
 Delta R.T. -0.001 min
 Lab File: BM037060.D
 Acq: 14 Oct 2022 19:07

Tgt Ion:202 Resp: 47422
 Ion Ratio Lower Upper
 202 100
 101 12.0 10.1 15.1
 100 8.9 7.9 11.9

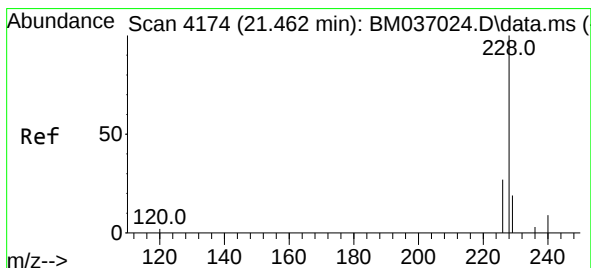
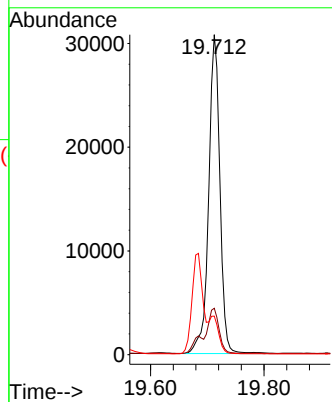
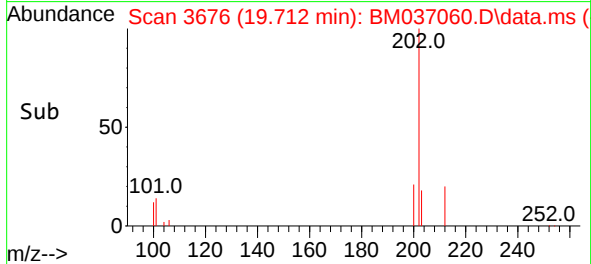
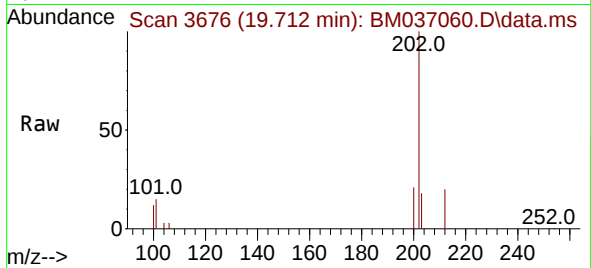




#20
Pyrene
Concen: 0.721 ng/ul
RT: 19.712 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM037060.D
Acq: 14 Oct 2022 19:07

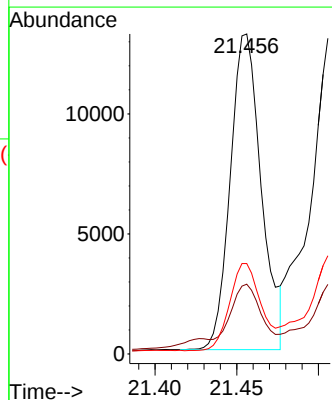
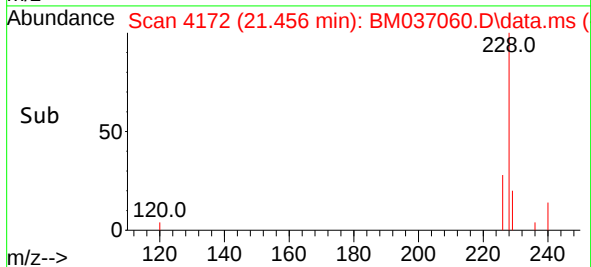
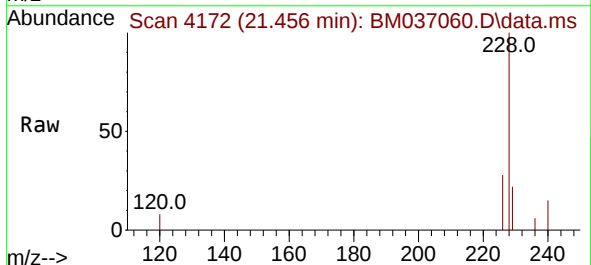
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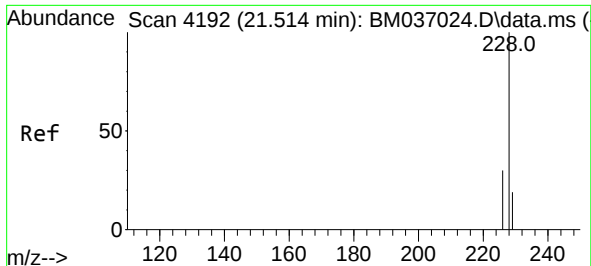
Tgt Ion:202 Resp: 42156
Ion Ratio Lower Upper
202 100
101 14.5 12.0 18.0
100 12.1 9.8 14.6



#21
Benzo(a)anthracene
Concen: 0.341 ng/ul
RT: 21.456 min Scan# 4172
Delta R.T. -0.002 min
Lab File: BM037060.D
Acq: 14 Oct 2022 19:07

Tgt Ion:228 Resp: 17378
Ion Ratio Lower Upper
228 100
229 21.8 16.2 24.2
226 28.3 22.5 33.7





#22

Chrysene

Concen: 0.374 ng/ul

RT: 21.509 min Scan# 4190

Delta R.T. -0.002 min

Lab File: BM037060.D

Acq: 14 Oct 2022 19:07

Instrument :

BNA_M

ClientSampleId :

C0BD5DL

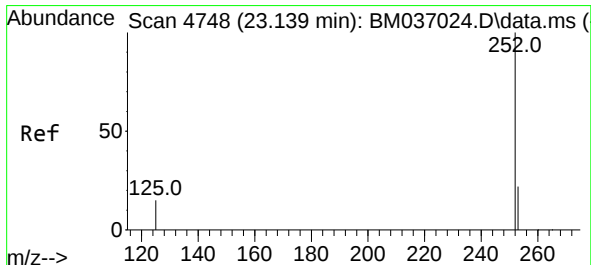
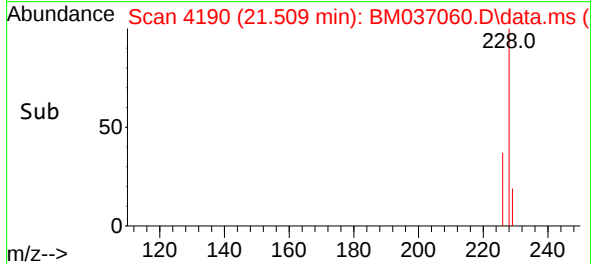
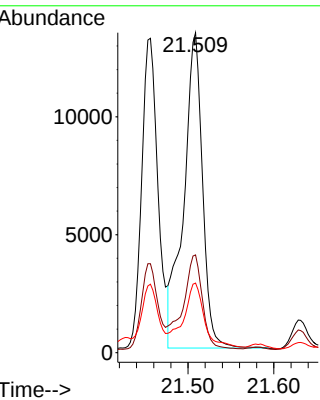
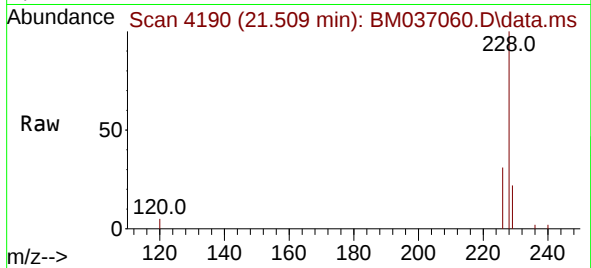
Tgt Ion:228 Resp: 20441

Ion Ratio Lower Upper

228 100

226 30.6 24.6 37.0

229 21.7 16.4 24.6



#24

Benzo(b)fluoranthene

Concen: 0.450 ng/ul

RT: 23.131 min Scan# 4745

Delta R.T. -0.005 min

Lab File: BM037060.D

Acq: 14 Oct 2022 19:07

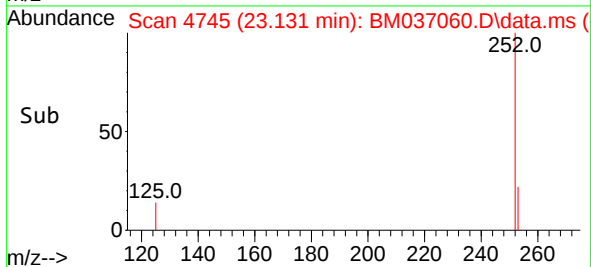
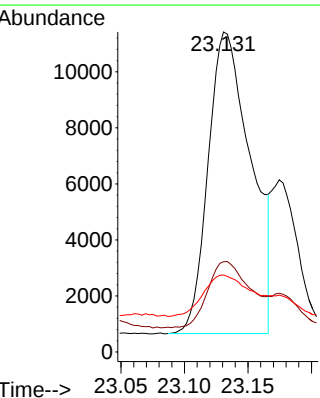
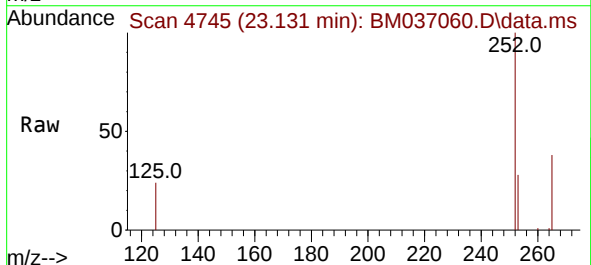
Tgt Ion:252 Resp: 25194

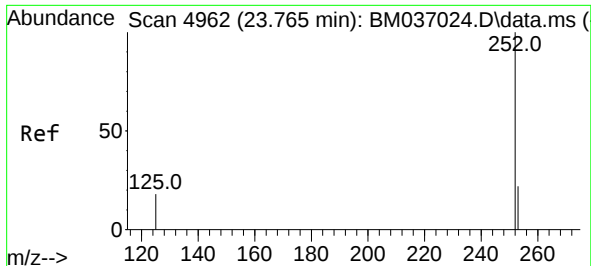
Ion Ratio Lower Upper

252 100

253 28.2 0.0 61.4

125 24.1 0.0 42.6

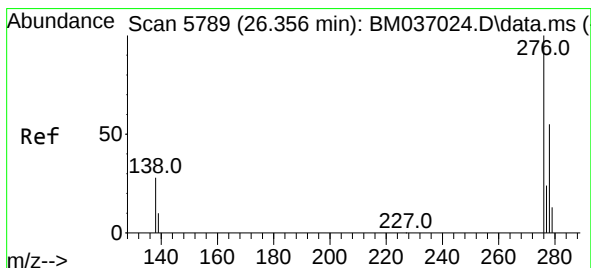
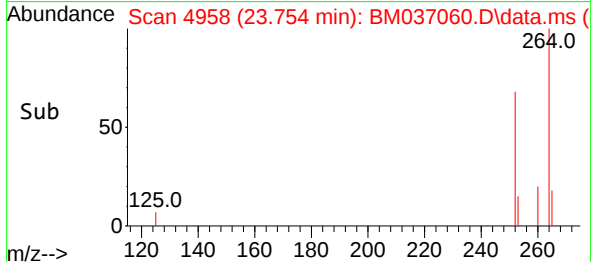
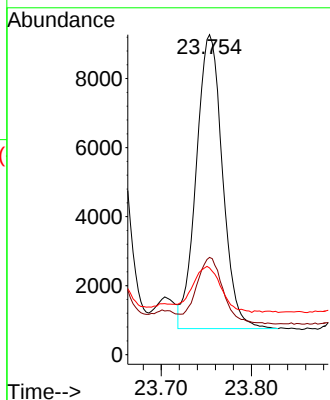
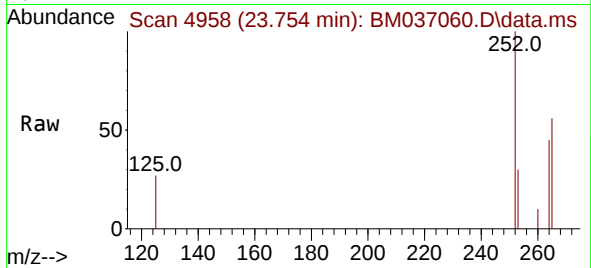




#26
Benzo(a)pyrene
Concen: 0.379 ng/ul
RT: 23.754 min Scan# 4958
Delta R.T. -0.005 min
Lab File: BM037060.D
Acq: 14 Oct 2022 19:07

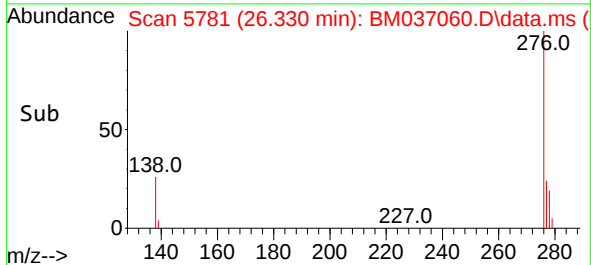
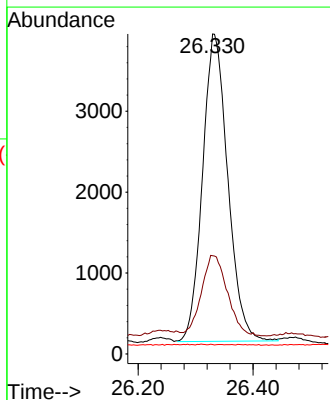
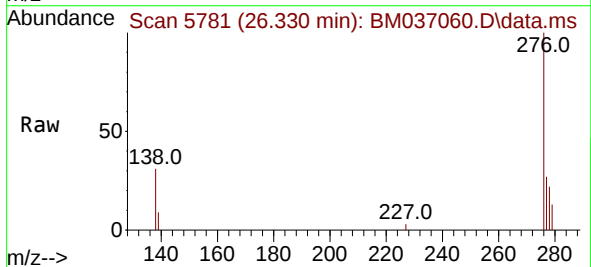
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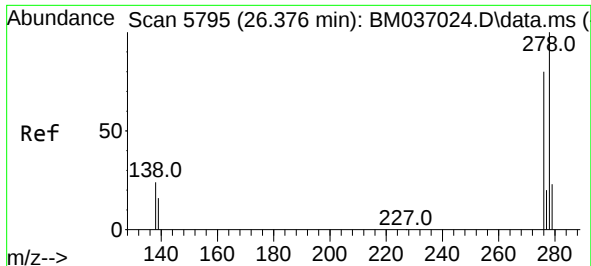
Tgt Ion:252 Resp: 17195
Ion Ratio Lower Upper
252 100
253 30.4 29.7 44.5
125 27.1 23.6 35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.180 ng/ul
RT: 26.330 min Scan# 5781
Delta R.T. -0.012 min
Lab File: BM037060.D
Acq: 14 Oct 2022 19:07

Tgt Ion:276 Resp: 11598
Ion Ratio Lower Upper
276 100
138 26.8 23.9 35.9
227 0.0 0.1 0.1#

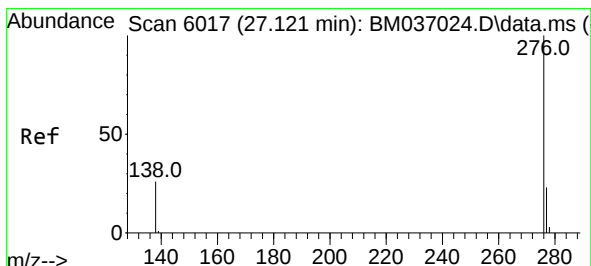
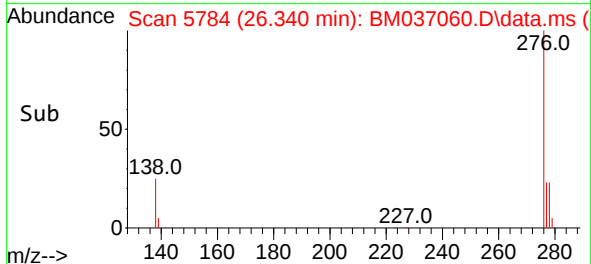
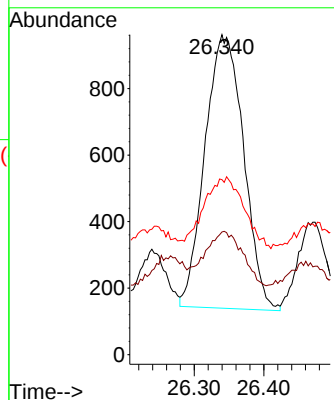
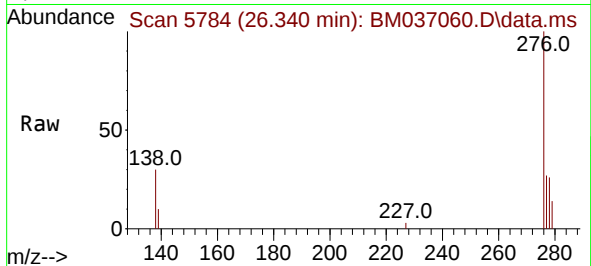




#28
Dibenzo(a,h)anthracene
Concen: 0.061 ng/ul
RT: 26.340 min Scan# 51
Delta R.T. -0.022 min
Lab File: BM037060.D
Acq: 14 Oct 2022 19:07

Instrument :
BNA_M
ClientSampleId :
C0BD5DL

Tgt Ion:278 Resp: 3178
Ion Ratio Lower Upper
278 100
139 38.4 19.8 29.6#
279 54.7 27.7 41.5#



#29
Benzo(g,h,i)perylene
Concen: 0.199 ng/ul
RT: 27.098 min Scan# 6010
Delta R.T. -0.009 min
Lab File: BM037060.D
Acq: 14 Oct 2022 19:07

Tgt Ion:276 Resp: 11299
Ion Ratio Lower Upper
276 100
138 32.8 23.4 35.0
277 27.2 21.0 31.4

