

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037062.D
 Acq On : 14 Oct 2022 20:18
 Operator : CG/JU
 Sample : N5025-04DL 5X
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BD7DL

Quant Time: Oct 14 23:05:05 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)

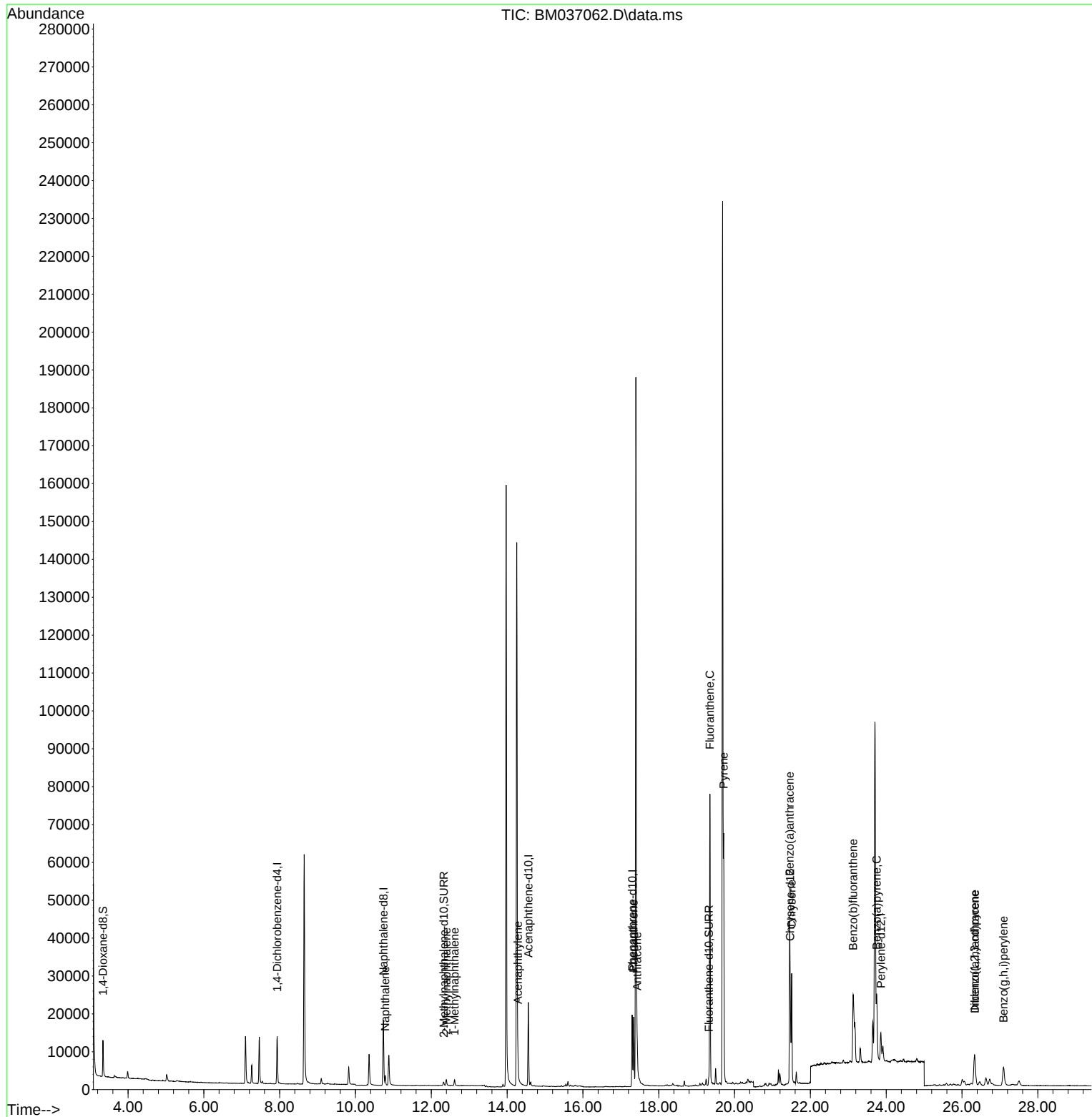
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	6430	0.400	ng/ul	0.00
4) Naphthalene-d8	10.737	136	23309	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.562	164	12457	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.301	188	23325	0.400	ng/ul	0.00
17) Chrysene-d12	21.470	240	13407	0.400	ng/ul	0.00
23) Perylene-d12	23.861	264	10160	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	6344	0.700	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	1479	0.042	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	2336	0.058	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.787	128	3360	0.050	ng/ul	95
7) 2-Methylnaphthalene	12.398	142	1351	0.033	ng/ul	92
8) 1-Methylnaphthalene	12.613	142	1171	0.028	ng/ul	100
10) Acenaphthylene	14.284	152	6156	0.119	ng/ul	99
15) Phenanthrene	17.339	178	20362	0.273	ng/ul	99
16) Anthracene	17.432	178	5950	0.096	ng/ul	95
19) Fluoranthene	19.350	202	63295	1.187	ng/ul	99
20) Pyrene	19.713	202	53233	0.957	ng/ul	99
21) Benzo(a)anthracene	21.455	228	33950	0.701	ng/ul	99
22) Chrysene	21.508	228	29664	0.570	ng/ul	99
24) Benzo(b)fluoranthene	23.130	252	33205	0.732	ng/ul	96
26) Benzo(a)pyrene	23.750	252	23531	0.639	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.332	276	13746	0.264	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.342	278	3891	0.092	ng/ul#	78
29) Benzo(g,h,i)perylene	27.097	276	10637	0.231	ng/ul	97

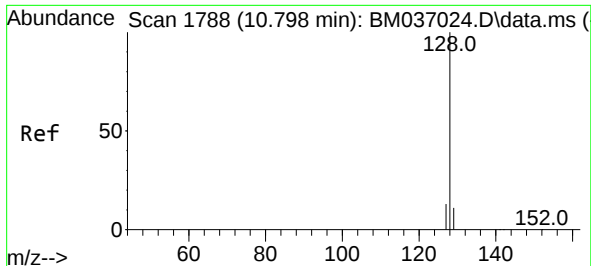
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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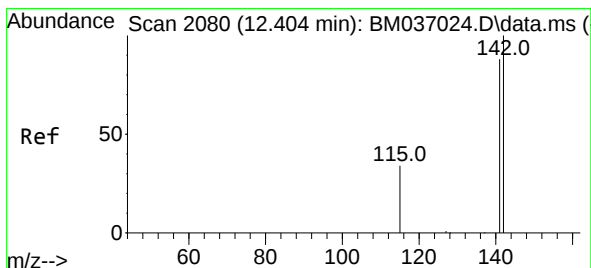
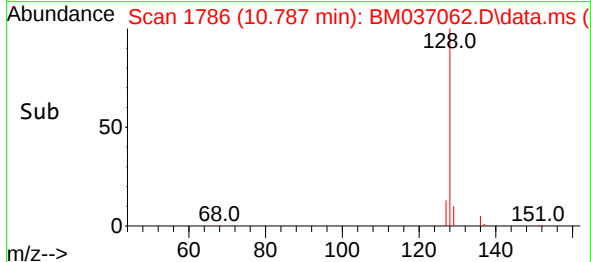
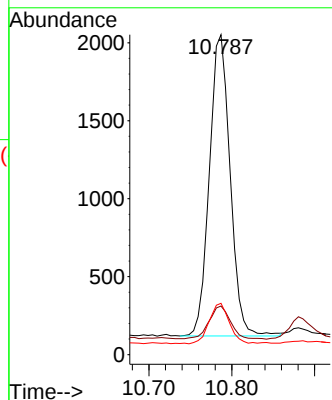
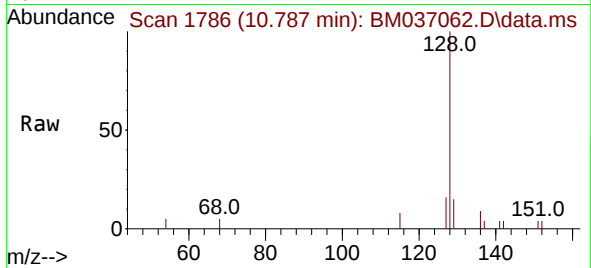




#5
Naphthalene
Concen: 0.050 ng/ul
RT: 10.787 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM037062.D
Acq: 14 Oct 2022 20:18

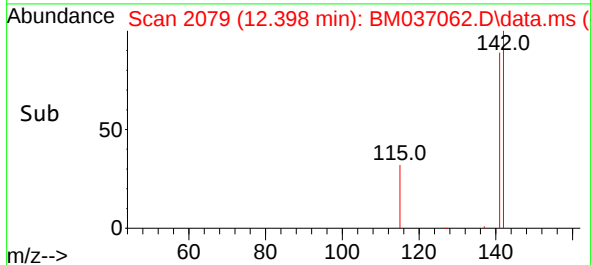
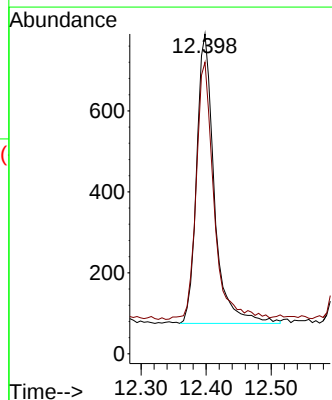
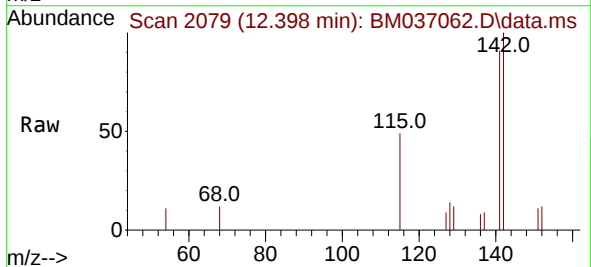
Instrument :
BNA_M
ClientSampleId :
C0BD7DL

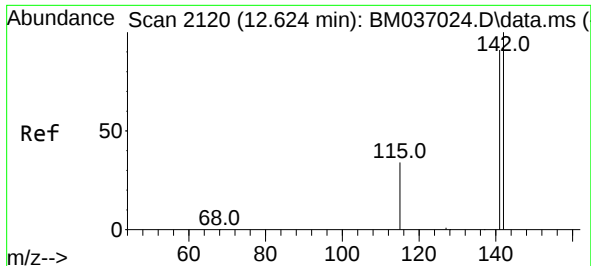
Tgt Ion:128 Resp: 3360
Ion Ratio Lower Upper
128 100
129 15.2 10.2 15.2
127 16.0 11.7 17.5



#7
2-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.398 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BM037062.D
Acq: 14 Oct 2022 20:18

Tgt Ion:142 Resp: 1351
Ion Ratio Lower Upper
142 100
141 89.0 77.4 116.0

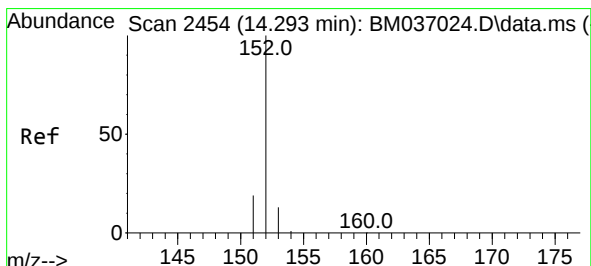
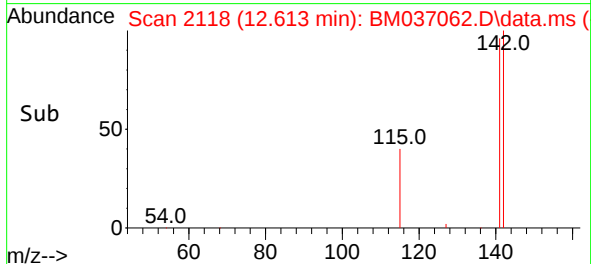
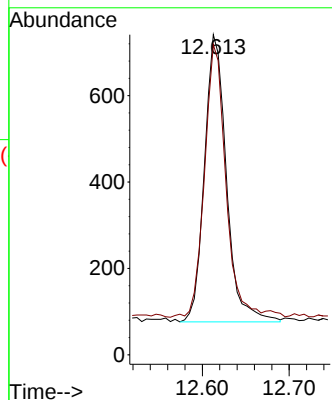
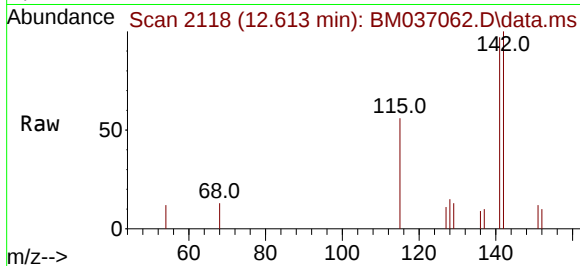




#8
1-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.613 min Scan# 2118
Delta R.T. -0.005 min
Lab File: BM037062.D
Acq: 14 Oct 2022 20:18

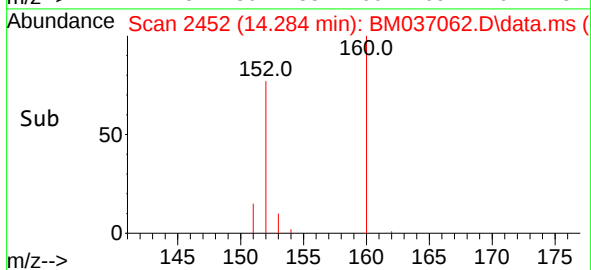
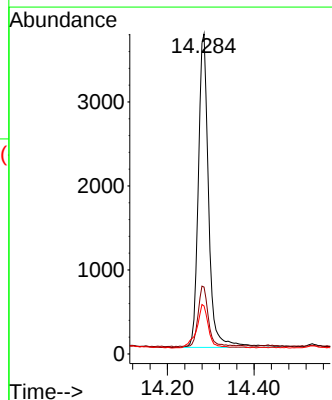
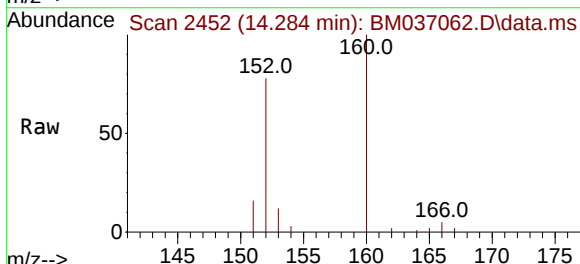
Instrument :
BNA_M
ClientSampleId :
C0BD7DL

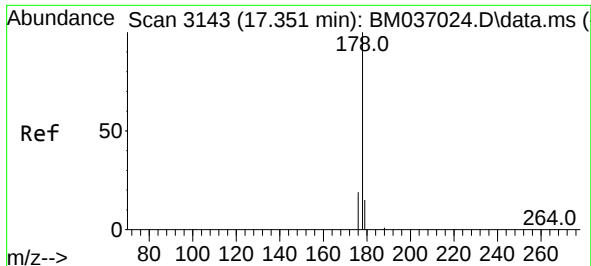
Tgt Ion:142 Resp: 1171
Ion Ratio Lower Upper
142 100
141 92.5 74.1 111.1



#10
Acenaphthylene
Concen: 0.119 ng/ul
RT: 14.284 min Scan# 2452
Delta R.T. 0.000 min
Lab File: BM037062.D
Acq: 14 Oct 2022 20:18

Tgt Ion:152 Resp: 6156
Ion Ratio Lower Upper
152 100
151 20.9 16.6 24.8
153 15.0 11.4 17.0

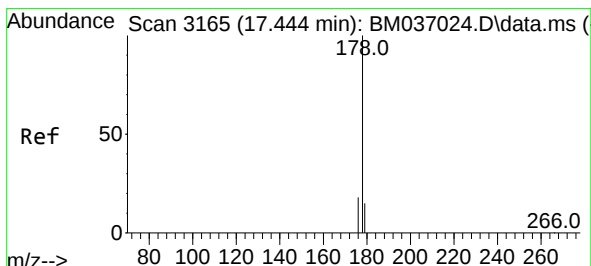
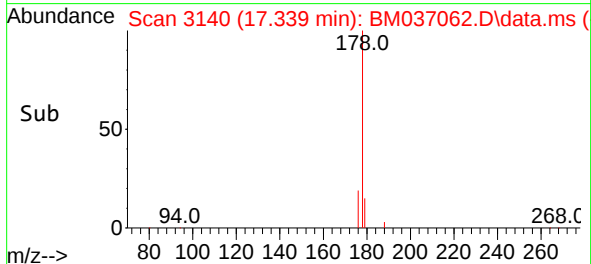
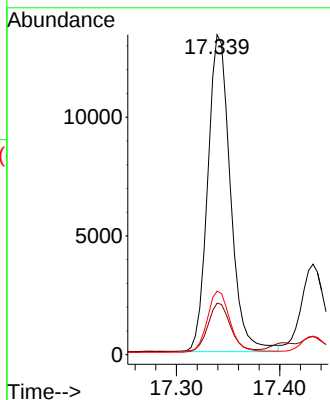
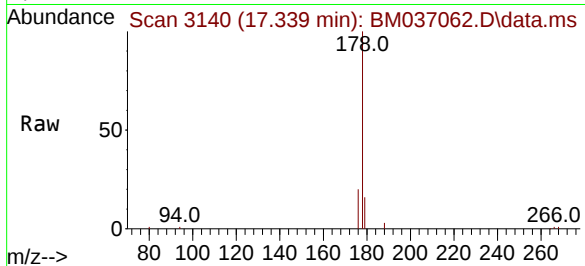




#15
Phenanthrene
Concen: 0.273 ng/ul
RT: 17.339 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BM037062.D
Acq: 14 Oct 2022 20:18

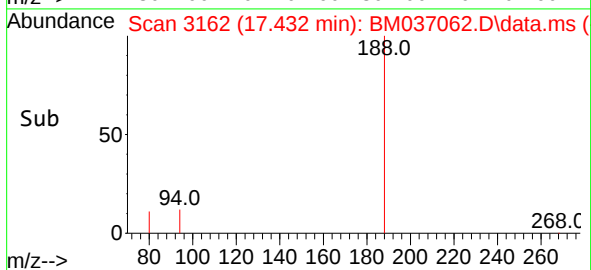
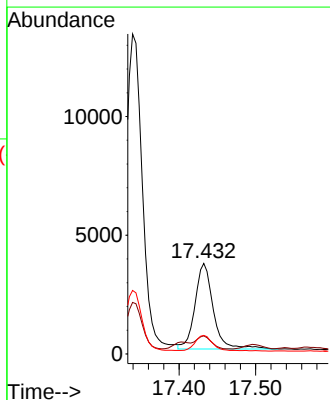
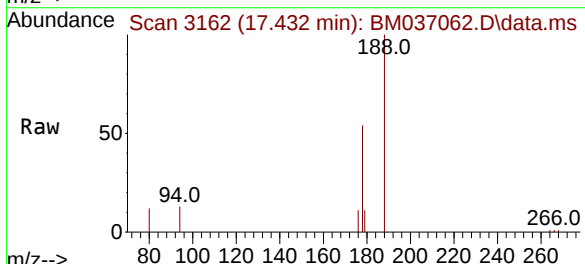
Instrument :
BNA_M
ClientSampleId :
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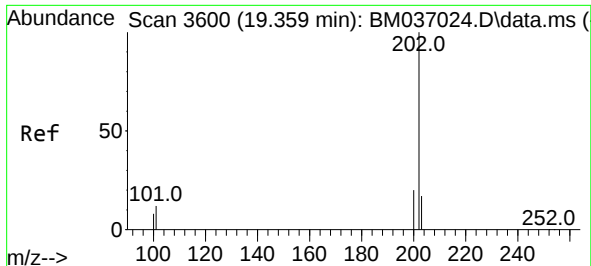
Tgt Ion:178 Resp: 20362
Ion Ratio Lower Upper
178 100
179 16.1 13.0 19.6
176 19.8 15.6 23.4



#16
Anthracene
Concen: 0.096 ng/ul
RT: 17.432 min Scan# 3162
Delta R.T. -0.004 min
Lab File: BM037062.D
Acq: 14 Oct 2022 20:18

Tgt Ion:178 Resp: 5950
Ion Ratio Lower Upper
178 100
179 20.0 13.6 20.4
176 20.6 15.6 23.4

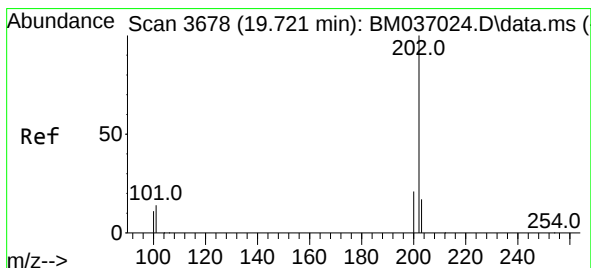
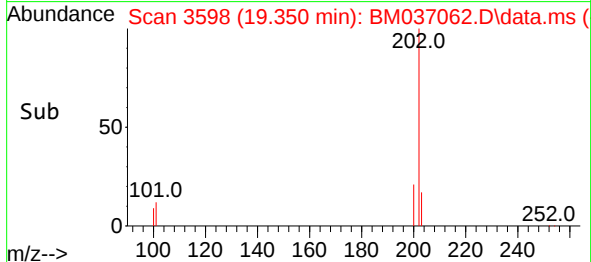
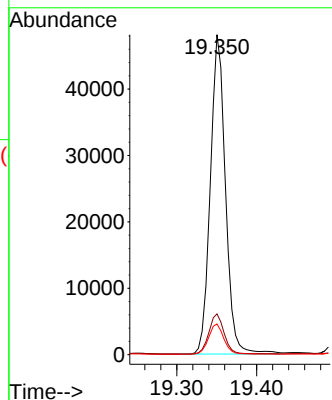
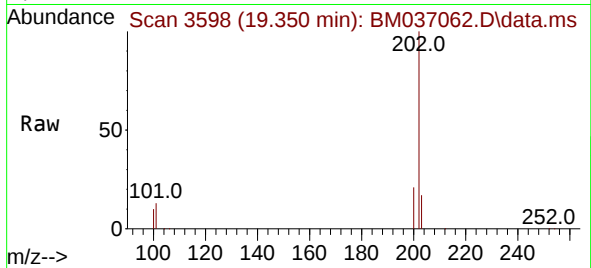




#19
Fluoranthene
Concen: 1.187 ng/ul
RT: 19.350 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM037062.D
Acq: 14 Oct 2022 20:18

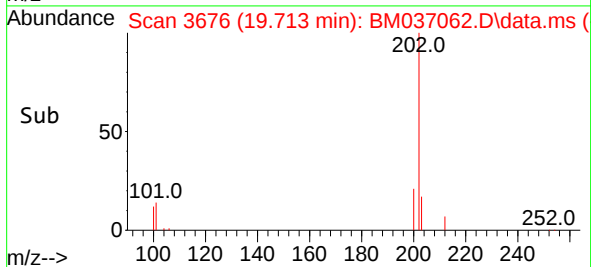
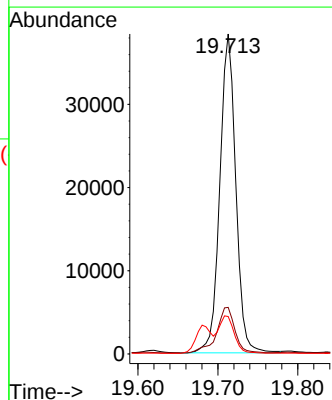
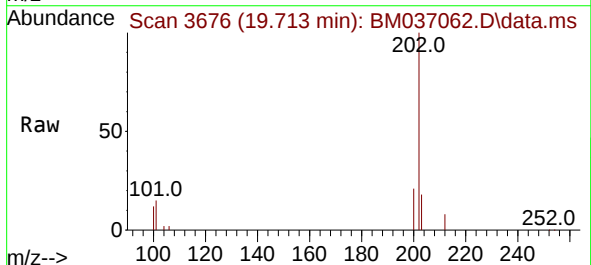
Instrument :
BNA_M
ClientSampleId :
C0BD7DL

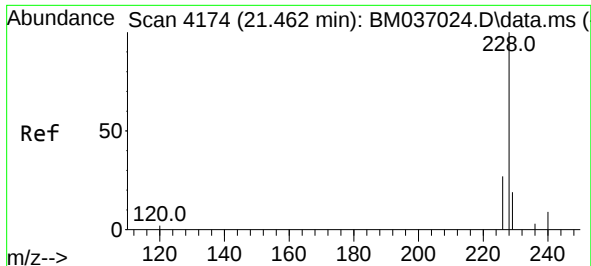
Tgt Ion:202 Resp: 63295
Ion Ratio Lower Upper
202 100
101 12.7 10.1 15.1
100 9.6 7.9 11.9



#20
Pyrene
Concen: 0.957 ng/ul
RT: 19.713 min Scan# 3676
Delta R.T. -0.005 min
Lab File: BM037062.D
Acq: 14 Oct 2022 20:18

Tgt Ion:202 Resp: 53233
Ion Ratio Lower Upper
202 100
101 14.6 12.0 18.0
100 11.7 9.8 14.6

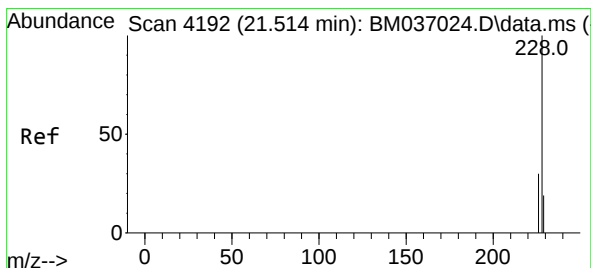
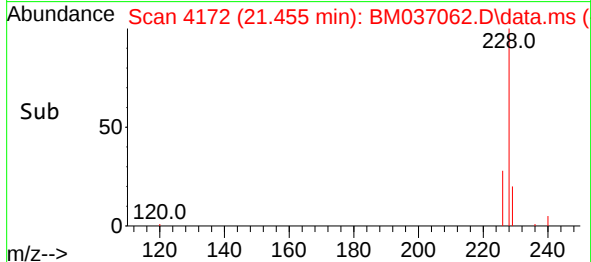
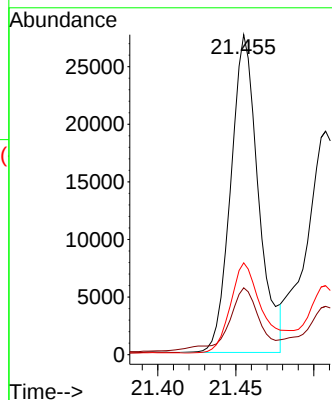
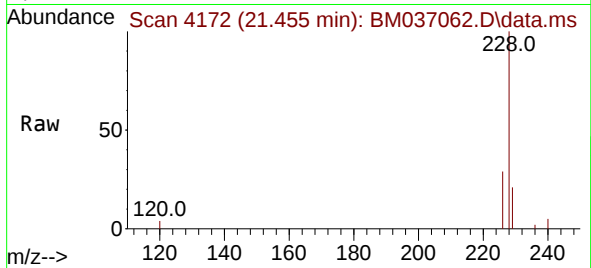




#21
Benzo(a)anthracene
Concen: 0.701 ng/ul
RT: 21.455 min Scan# 4172
Delta R.T. -0.003 min
Lab File: BM037062.D
Acq: 14 Oct 2022 20:18

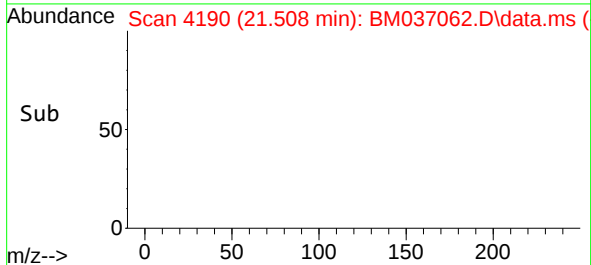
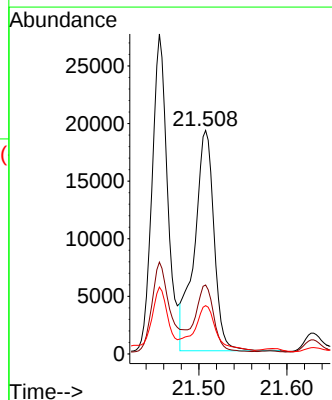
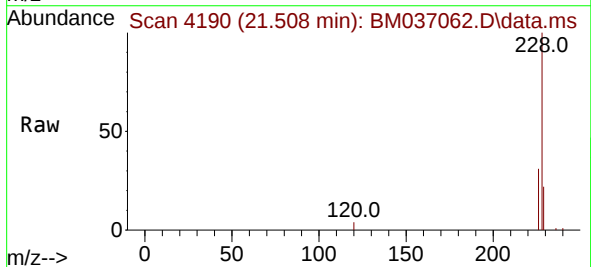
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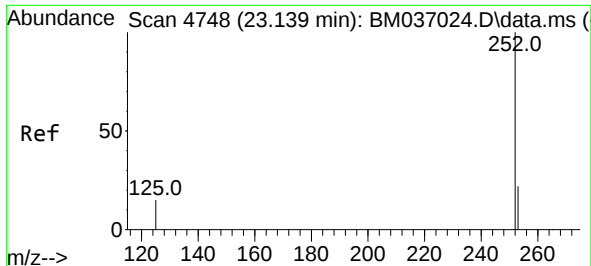
Tgt Ion:228 Resp: 33950
Ion Ratio Lower Upper
228 100
229 20.9 16.2 24.2
226 28.7 22.5 33.7



#22
Chrysene
Concen: 0.570 ng/ul
RT: 21.508 min Scan# 4190
Delta R.T. -0.003 min
Lab File: BM037062.D
Acq: 14 Oct 2022 20:18

Tgt Ion:228 Resp: 29664
Ion Ratio Lower Upper
228 100
226 30.9 24.6 37.0
229 21.6 16.4 24.6

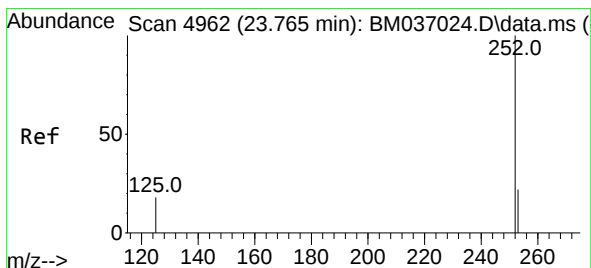
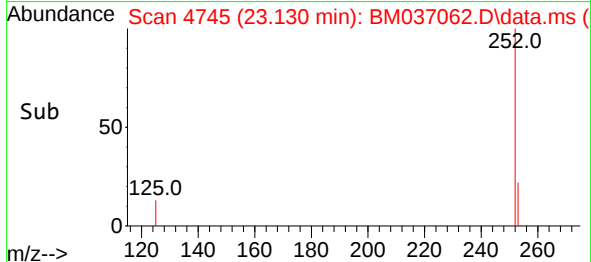
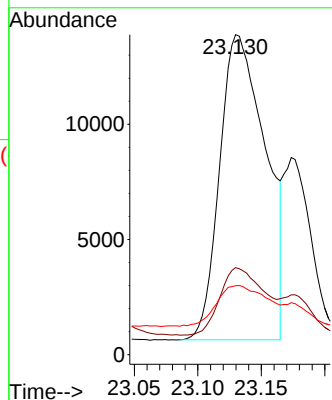
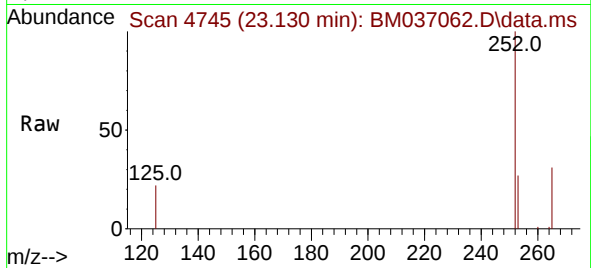




#24
Benzo(b)fluoranthene
Concen: 0.732 ng/ul
RT: 23.130 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM037062.D
Acq: 14 Oct 2022 20:18

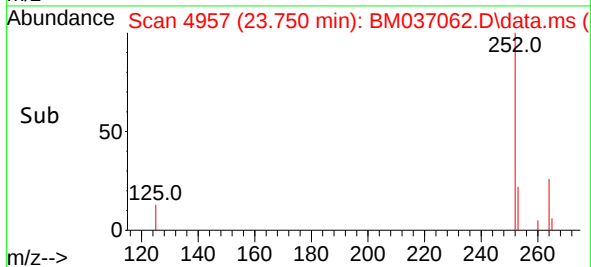
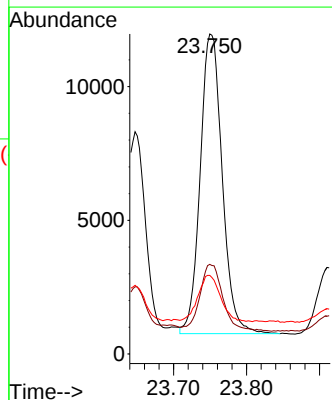
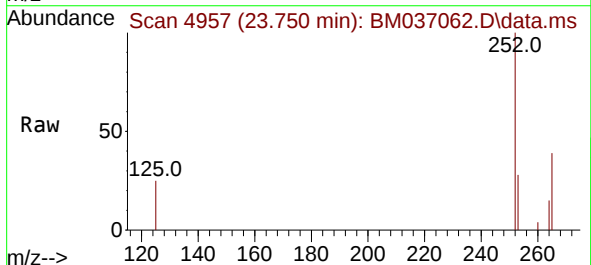
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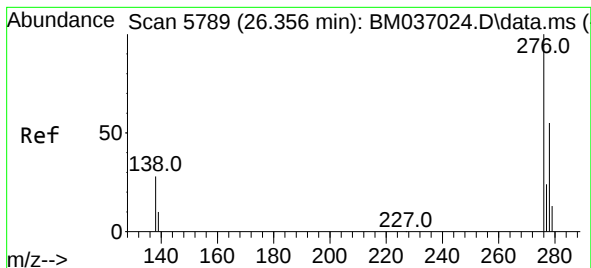
Tgt Ion:252 Resp: 33205
Ion Ratio Lower Upper
252 100
253 27.2 0.0 61.4
125 21.5 0.0 42.6



#26
Benzo(a)pyrene
Concen: 0.639 ng/ul
RT: 23.750 min Scan# 4957
Delta R.T. -0.009 min
Lab File: BM037062.D
Acq: 14 Oct 2022 20:18

Tgt Ion:252 Resp: 23531
Ion Ratio Lower Upper
252 100
253 28.0 29.7 44.5#
125 24.6 23.6 35.4





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.264 ng/ul

RT: 26.332 min Scan# 5

Delta R.T. -0.010 min

Lab File: BM037062.D

Acq: 14 Oct 2022 20:18

Instrument :

BNA_M

ClientSampleId :

C0BD7DL

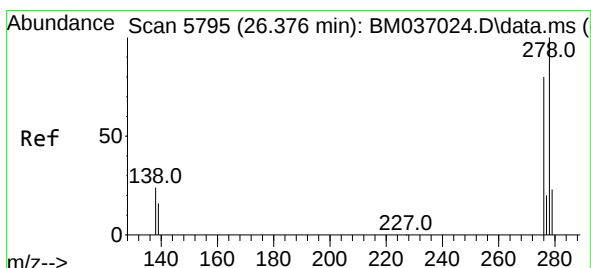
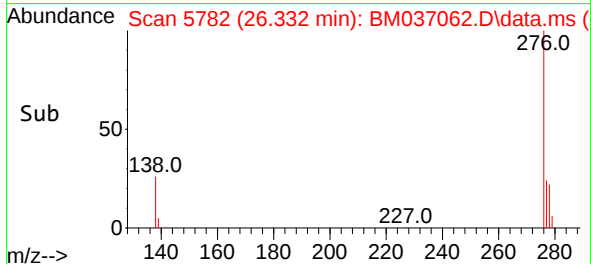
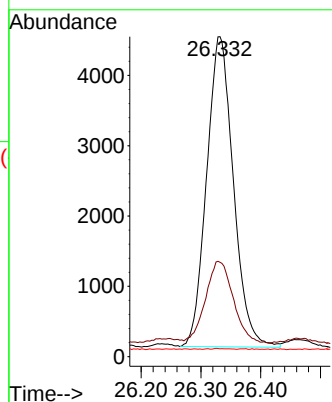
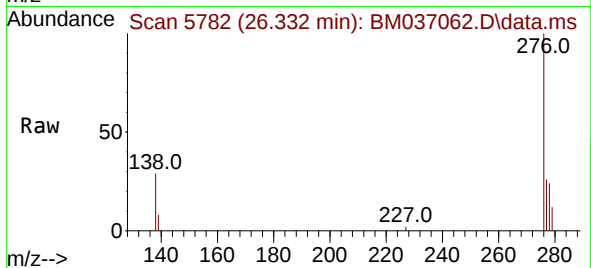
Tgt Ion:276 Resp: 13746

Ion Ratio Lower Upper

276 100

138 27.2 23.9 35.9

227 0.1 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.092 ng/ul

RT: 26.342 min Scan# 5785

Delta R.T. -0.020 min

Lab File: BM037062.D

Acq: 14 Oct 2022 20:18

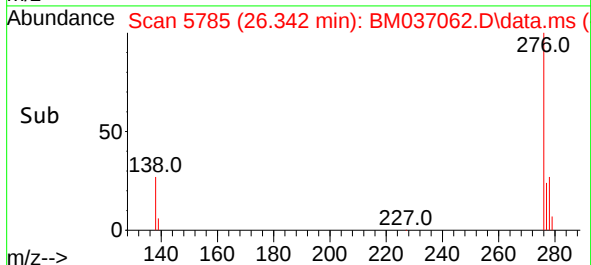
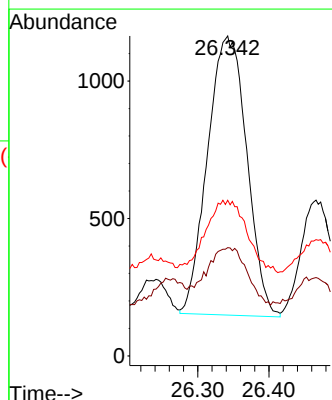
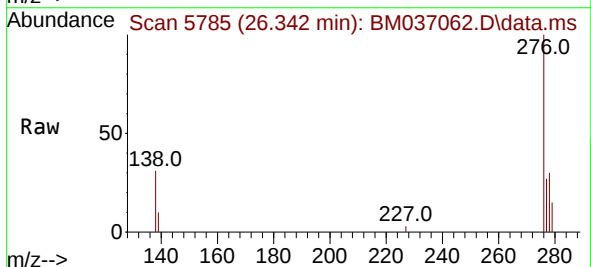
Tgt Ion:278 Resp: 3891

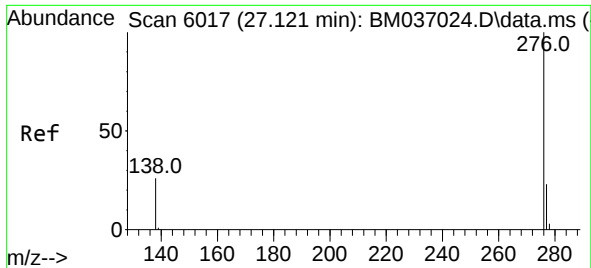
Ion Ratio Lower Upper

278 100

139 33.8 19.8 29.6#

279 48.6 27.7 41.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.231 ng/ul
 RT: 27.097 min Scan# 6010
 Delta R.T. -0.010 min
 Lab File: BM037062.D
 Acq: 14 Oct 2022 20:18

Instrument :
 BNA_M
 ClientSampleId :
 C0BD7DL

Tgt Ion:	276	Resp:	10637
Ion Ratio	Lower	Upper	
276	100		
138	31.7	23.4	35.0
277	27.0	21.0	31.4

