

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037044.D
 Acq On : 14 Oct 2022 08:22
 Operator : CG/JU
 Sample : PB148218BS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS218

Quant Time: Oct 14 09:26:28 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)

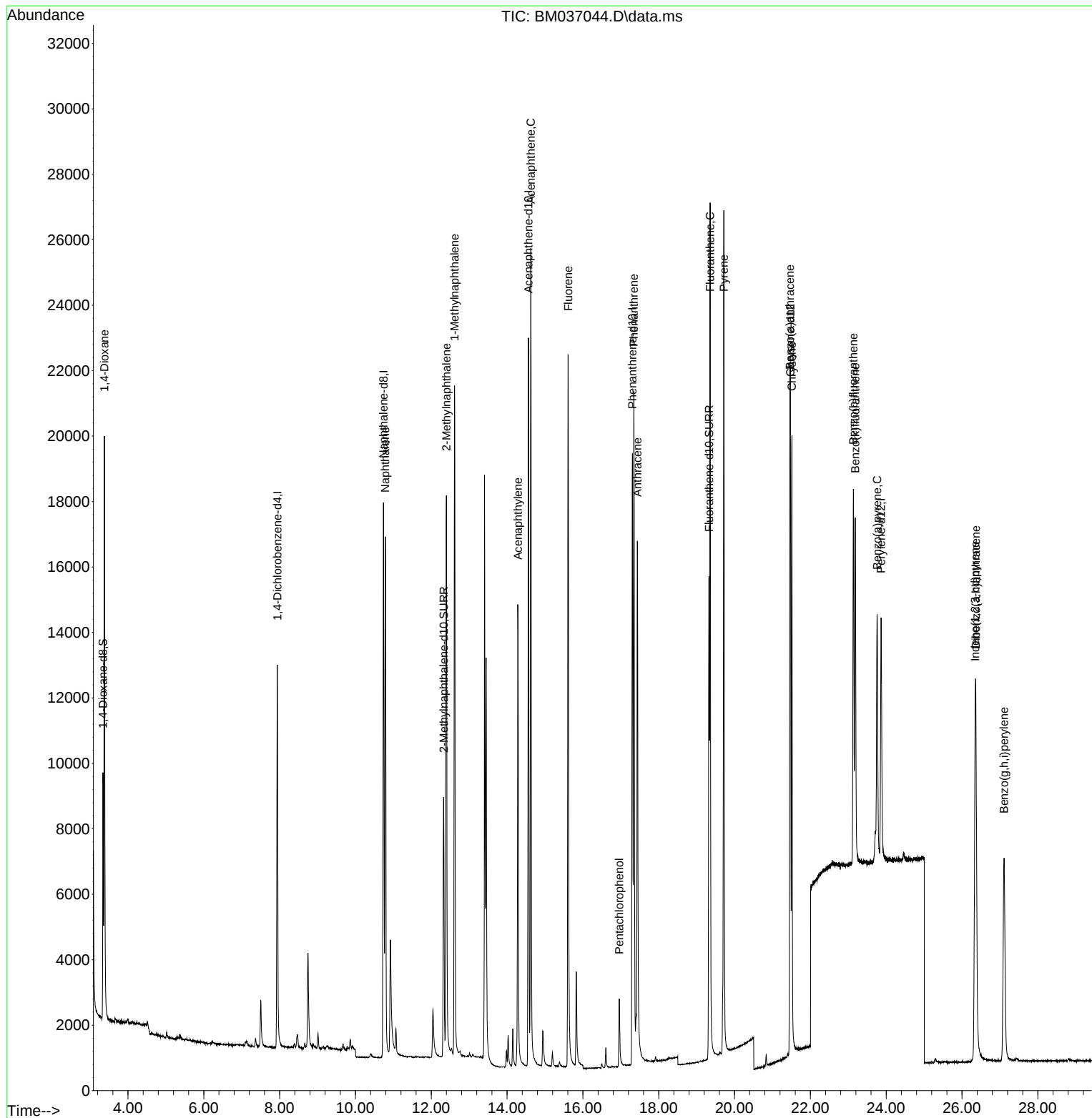
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	6509	0.400	ng/ul	0.00
4) Naphthalene-d8	10.738	136	23956	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.561	164	12914	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.305	188	24169	0.400	ng/ul	0.00
17) Chrysene-d12	21.474	240	13597	0.400	ng/ul	0.00
23) Perylene-d12	23.865	264	10621	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	5011	0.546	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	11797	0.326	ng/ul	0.00
18) Fluoranthene-d10	19.326	212	17358	0.427	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.378	88	12306	1.371	ng/ul#	77
5) Naphthalene	10.787	128	22102	0.323	ng/ul	97
7) 2-Methylnaphthalene	12.398	142	13638	0.326	ng/ul	91
8) 1-Methylnaphthalene	12.613	142	14594	0.343	ng/ul	99
10) Acenaphthylene	14.284	152	17391	0.324	ng/ul	99
11) Acenaphthene	14.626	153	14886	0.320	ng/ul	98
12) Fluorene	15.611	166	15969	0.303	ng/ul	98
14) Pentachlorophenol	16.959	266	1787	0.306	ng/ul	99
15) Phenanthrene	17.343	178	23976	0.311	ng/ul	99
16) Anthracene	17.436	178	20326	0.315	ng/ul	99
19) Fluoranthene	19.354	202	22743	0.421	ng/ul	99
20) Pyrene	19.717	202	22821	0.405	ng/ul	99
21) Benzo(a)anthracene	21.459	228	15658	0.319	ng/ul	99
22) Chrysene	21.512	228	16691	0.316	ng/ul	99
24) Benzo(b)fluoranthene	23.134	252	15191	0.320	ng/ul	95
25) Benzo(k)fluoranthene	23.183	252	14549	0.315	ng/ul	95
26) Benzo(a)pyrene	23.759	252	12509	0.325	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.346	276	16659	0.305	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.363	278	13308	0.302	ng/ul	94
29) Benzo(g,h,i)perylene	27.108	276	14630	0.304	ng/ul	99

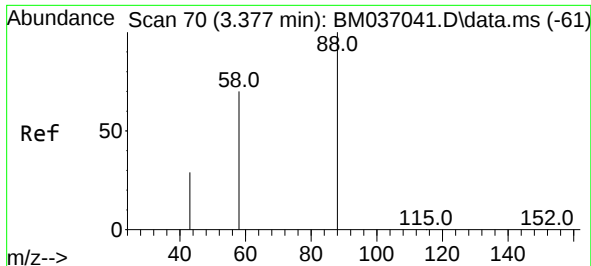
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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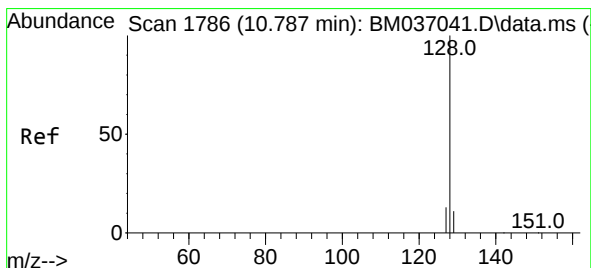
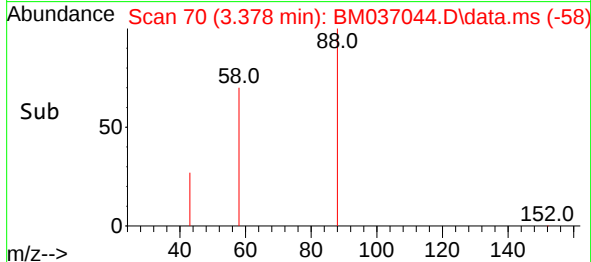
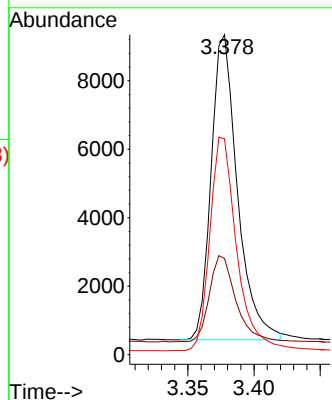
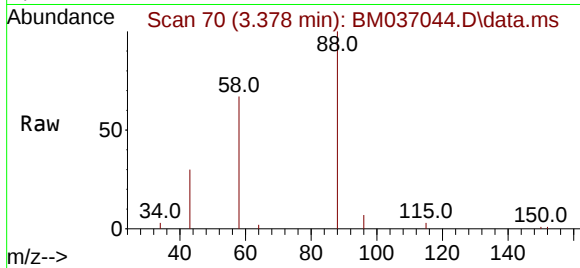




#2
1,4-Dioxane
Concen: 1.371 ng/ul
RT: 3.378 min Scan# 70
Delta R.T. 0.000 min
Lab File: BM037044.D
Acq: 14 Oct 2022 08:22

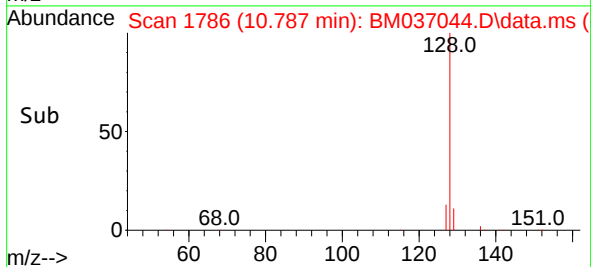
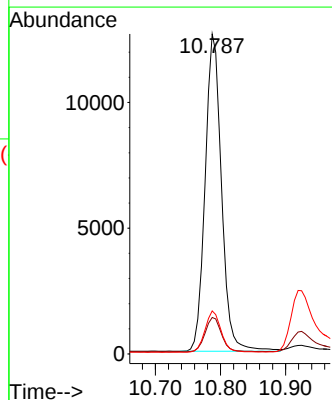
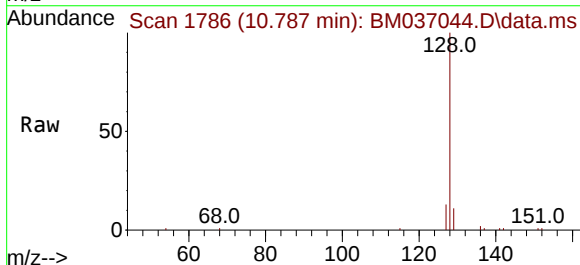
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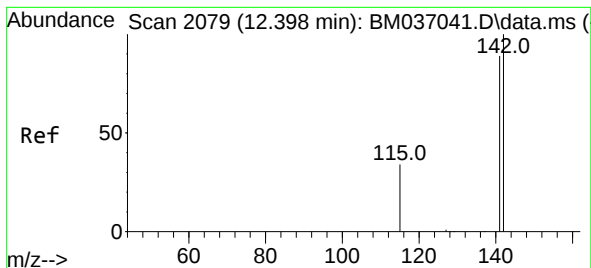
Tgt Ion: 88 Resp: 12306
Ion Ratio Lower Upper
88 100
43 30.0 37.8 56.6#
58 67.5 42.6 63.8#



#5
Naphthalene
Concen: 0.323 ng/ul
RT: 10.787 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BM037044.D
Acq: 14 Oct 2022 08:22

Tgt Ion: 128 Resp: 22102
Ion Ratio Lower Upper
128 100
129 11.4 10.2 15.2
127 13.5 11.7 17.5

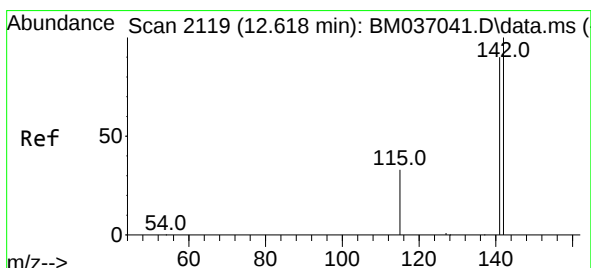
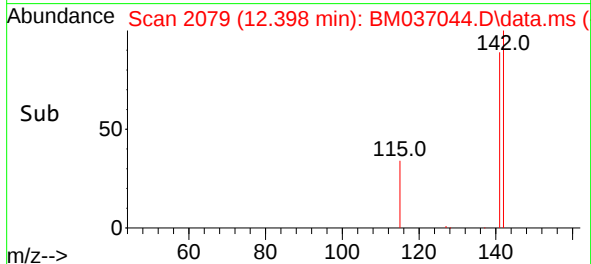
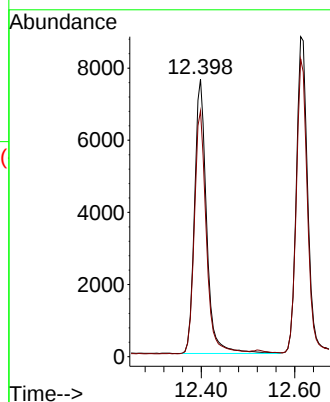
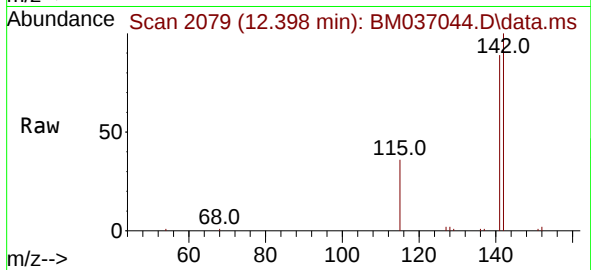




#7
2-Methylnaphthalene
Concen: 0.326 ng/ul
RT: 12.398 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BM037044.D
Acq: 14 Oct 2022 08:22

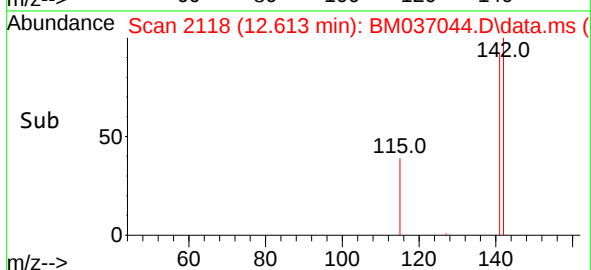
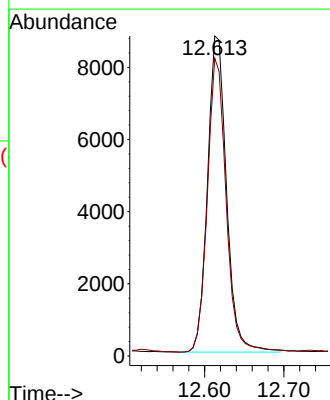
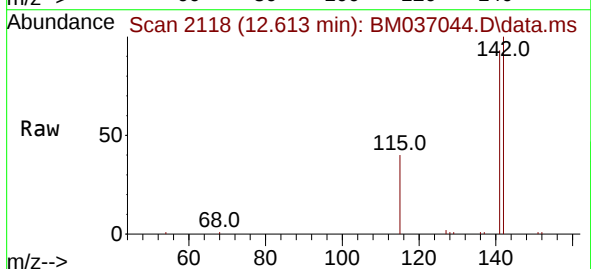
Instrument :
BNA_M
ClientSampleId :
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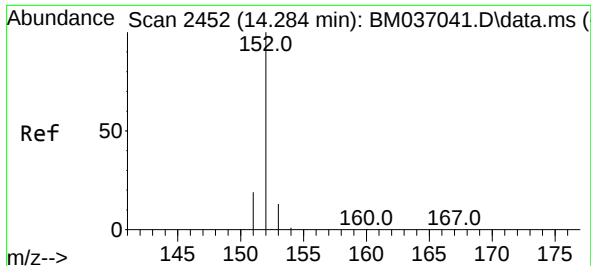
Tgt Ion:142 Resp: 13638
Ion Ratio Lower Upper
142 100
141 88.3 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.613 min Scan# 2118
Delta R.T. -0.005 min
Lab File: BM037044.D
Acq: 14 Oct 2022 08:22

Tgt Ion:142 Resp: 14594
Ion Ratio Lower Upper
142 100
141 91.8 74.1 111.1

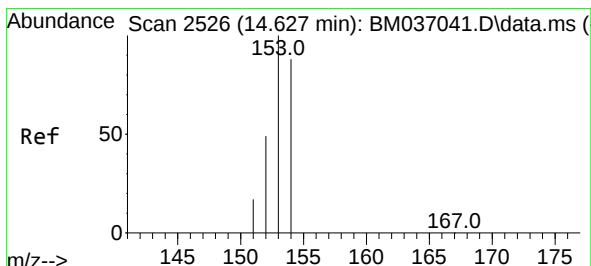
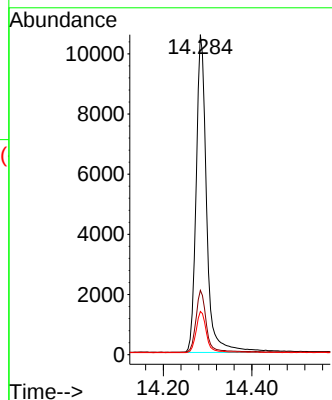
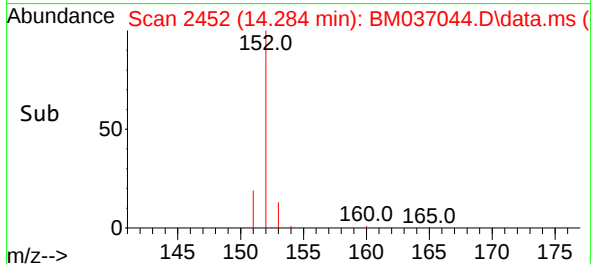
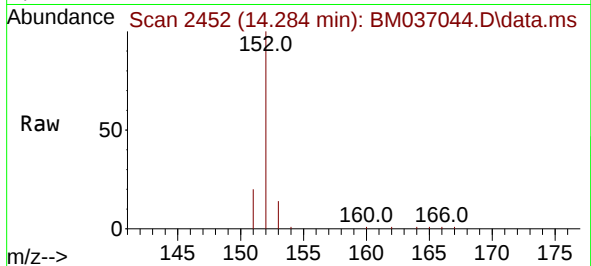




#10
Acenaphthylene
Concen: 0.324 ng/ul
RT: 14.284 min Scan# 2452
Delta R.T. -0.001 min
Lab File: BM037044.D
Acq: 14 Oct 2022 08:22

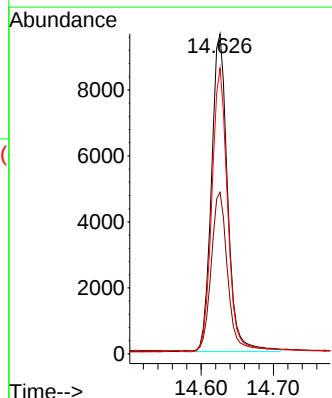
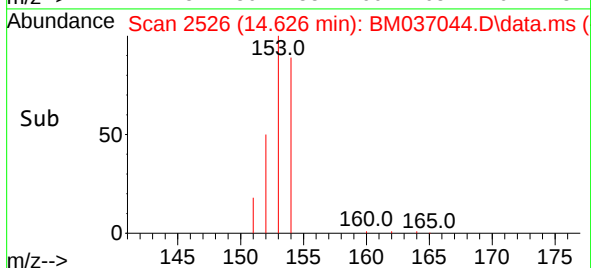
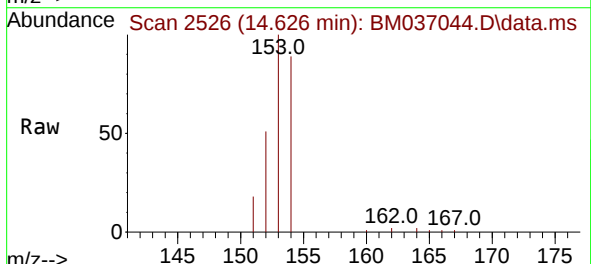
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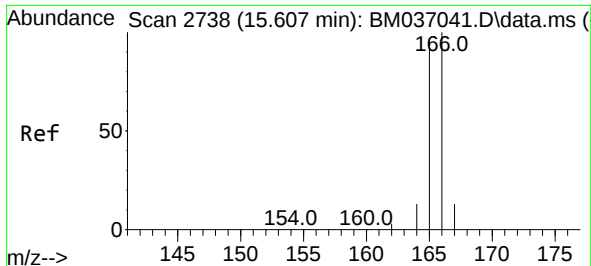
Tgt Ion:152 Resp: 17391
Ion Ratio Lower Upper
152 100
151 20.1 16.6 24.8
153 13.5 11.4 17.0



#11
Acenaphthene
Concen: 0.320 ng/ul
RT: 14.626 min Scan# 2526
Delta R.T. -0.001 min
Lab File: BM037044.D
Acq: 14 Oct 2022 08:22

Tgt Ion:153 Resp: 14886
Ion Ratio Lower Upper
153 100
152 50.5 40.2 60.4
154 89.3 69.7 104.5

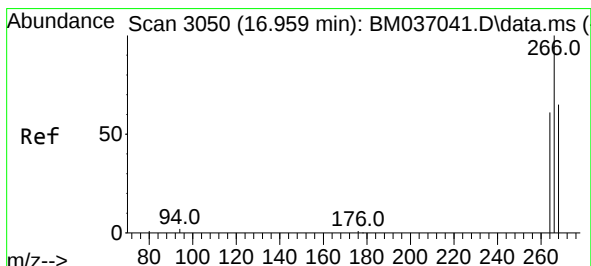
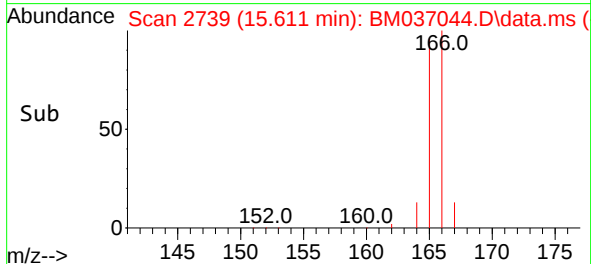
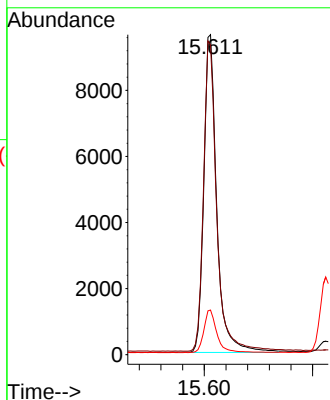
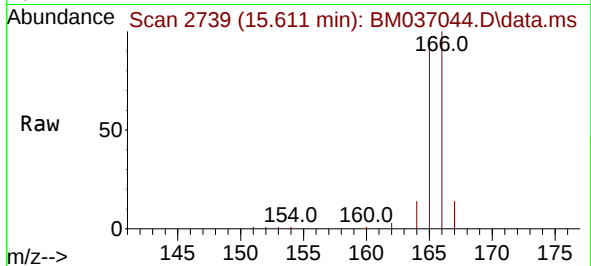




#12
Fluorene
Concen: 0.303 ng/ul
RT: 15.611 min Scan# 21
Delta R.T. 0.004 min
Lab File: BM037044.D
Acq: 14 Oct 2022 08:22

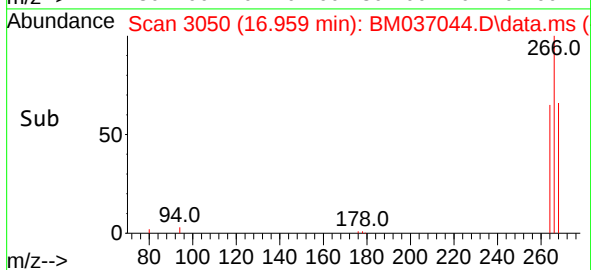
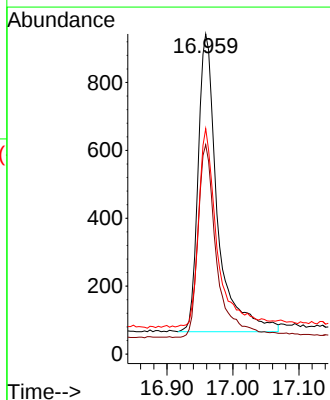
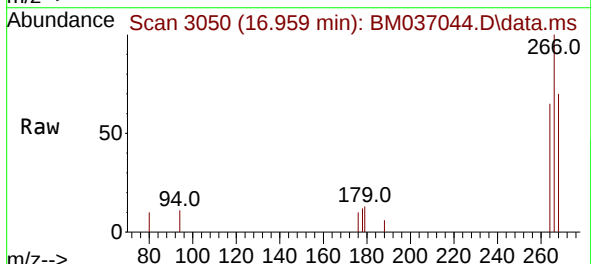
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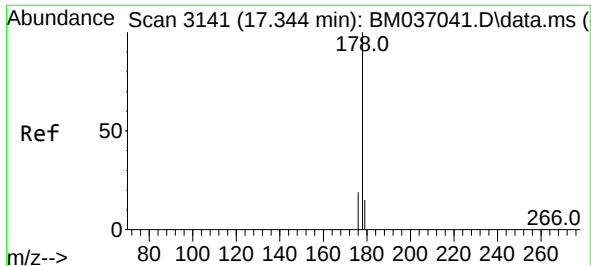
Tgt Ion:166 Resp: 15969
Ion Ratio Lower Upper
166 100
165 96.8 78.9 118.3
167 14.0 11.3 16.9



#14
Pentachlorophenol
Concen: 0.306 ng/ul
RT: 16.959 min Scan# 3050
Delta R.T. -0.001 min
Lab File: BM037044.D
Acq: 14 Oct 2022 08:22

Tgt Ion:266 Resp: 1787
Ion Ratio Lower Upper
266 100
264 62.7 50.3 75.5
268 65.0 53.5 80.3

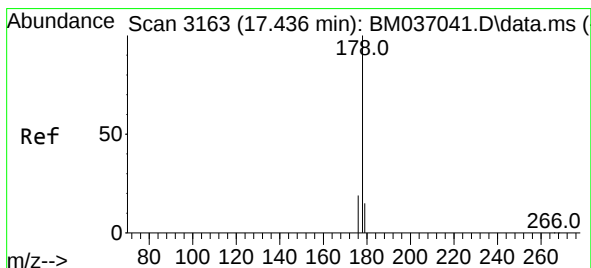
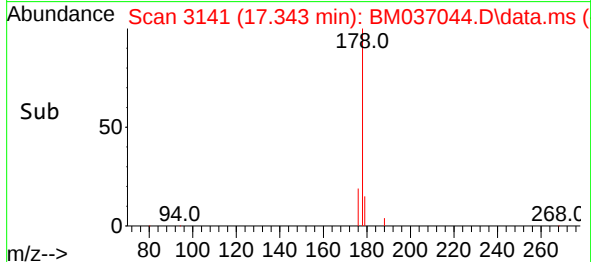
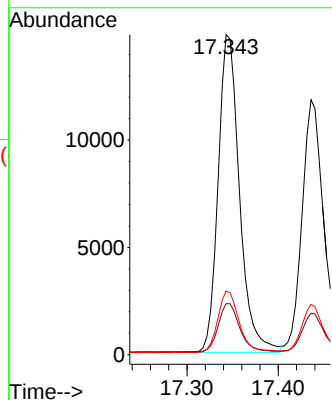
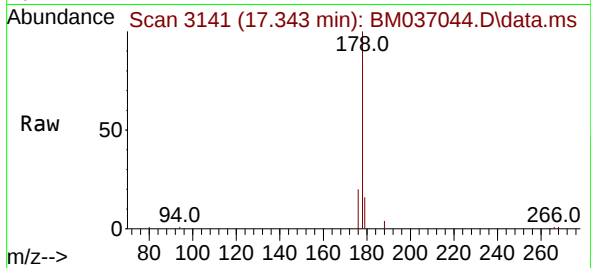




#15
Phenanthrene
Concen: 0.311 ng/ul
RT: 17.343 min Scan# 3141
Delta R.T. -0.001 min
Lab File: BM037044.D
Acq: 14 Oct 2022 08:22

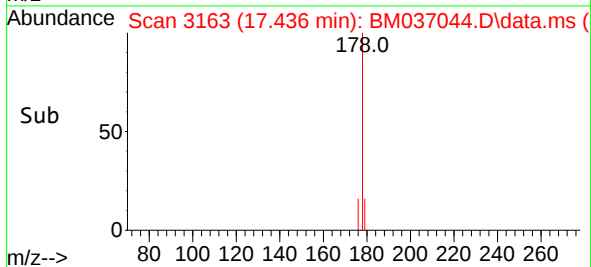
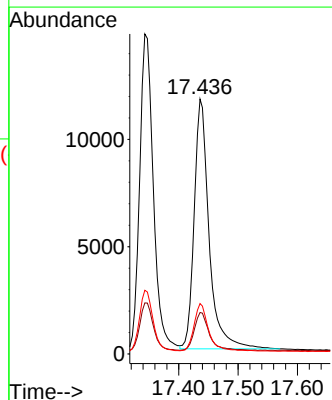
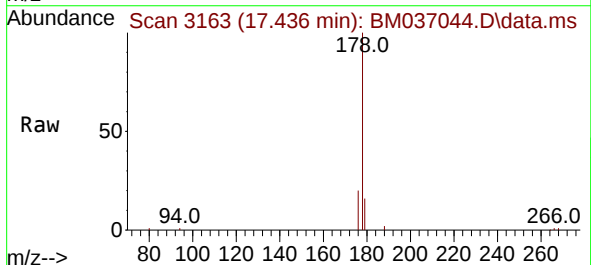
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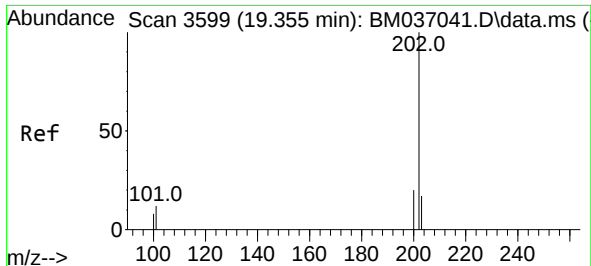
Tgt Ion:178 Resp: 23976
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 19.9 15.6 23.4



#16
Anthracene
Concen: 0.315 ng/ul
RT: 17.436 min Scan# 3163
Delta R.T. -0.001 min
Lab File: BM037044.D
Acq: 14 Oct 2022 08:22

Tgt Ion:178 Resp: 20326
Ion Ratio Lower Upper
178 100
179 16.2 13.6 20.4
176 19.8 15.6 23.4





#19

Fluoranthene

Concen: 0.421 ng/ul

RT: 19.354 min Scan# 3599

Delta R.T. -0.001 min

Lab File: BM037044.D

Acq: 14 Oct 2022 08:22

Instrument :

BNA_M

ClientSampleId :

SLCS218

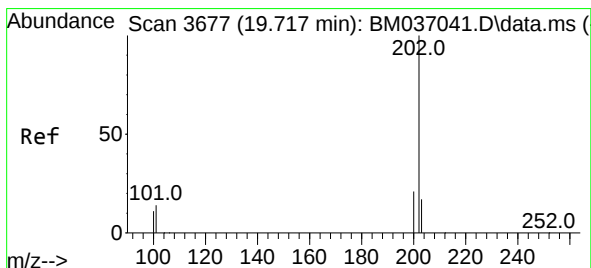
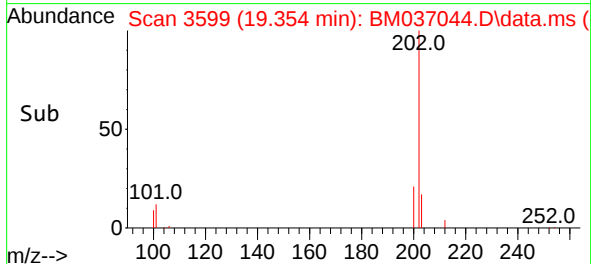
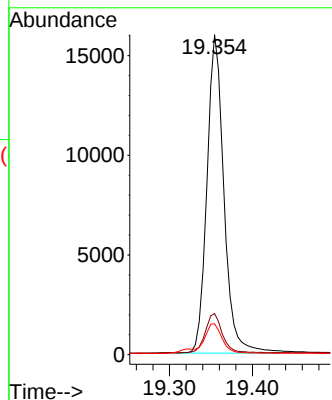
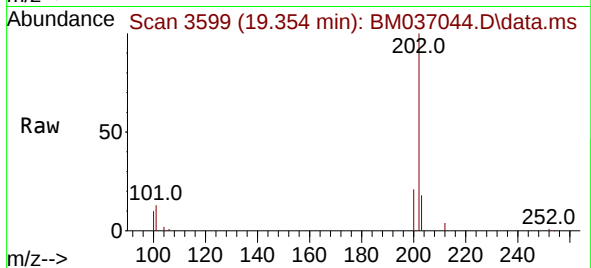
Tgt Ion:202 Resp: 22743

Ion Ratio Lower Upper

202 100

101 12.8 10.1 15.1

100 9.6 7.9 11.9



#20

Pyrene

Concen: 0.405 ng/ul

RT: 19.717 min Scan# 3677

Delta R.T. -0.001 min

Lab File: BM037044.D

Acq: 14 Oct 2022 08:22

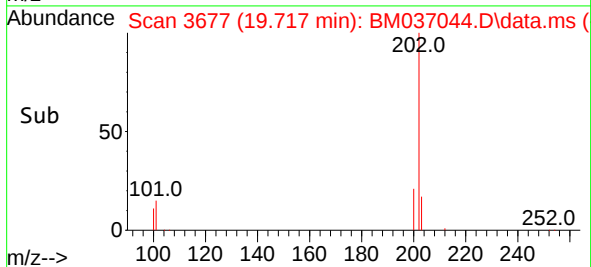
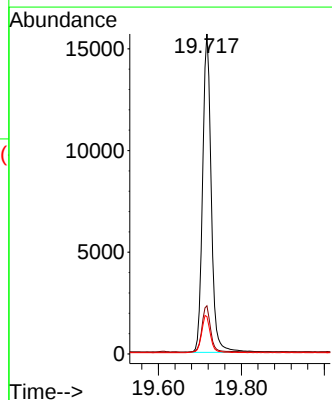
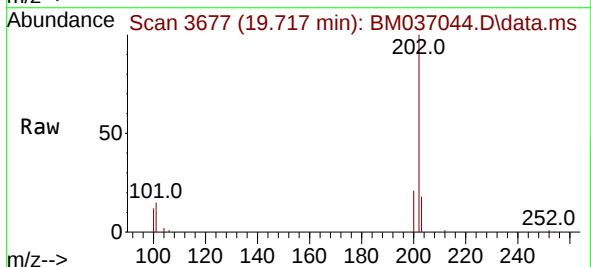
Tgt Ion:202 Resp: 22821

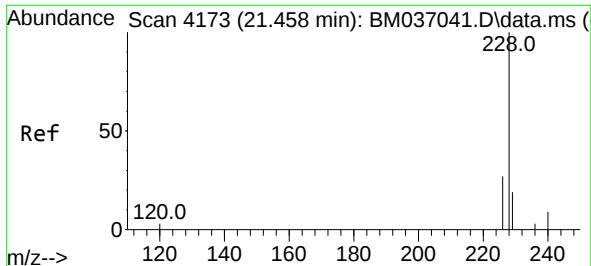
Ion Ratio Lower Upper

202 100

101 15.0 12.0 18.0

100 11.7 9.8 14.6

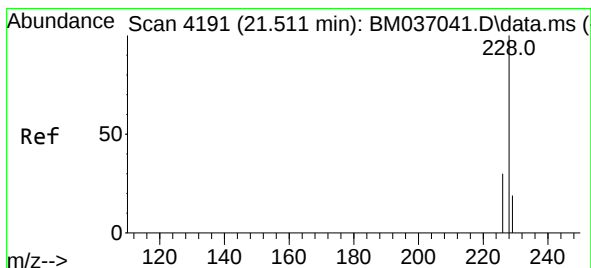
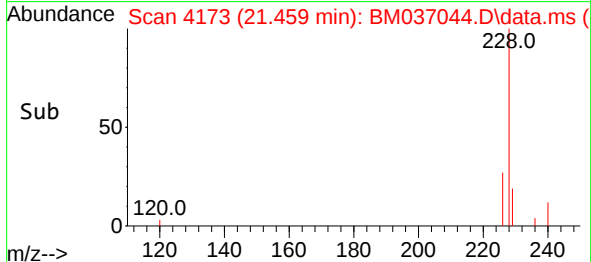
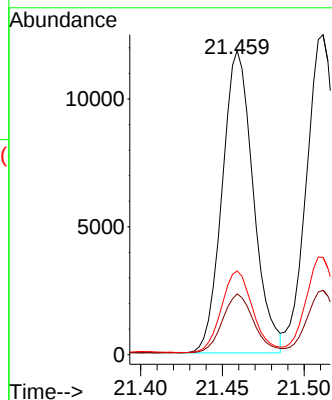
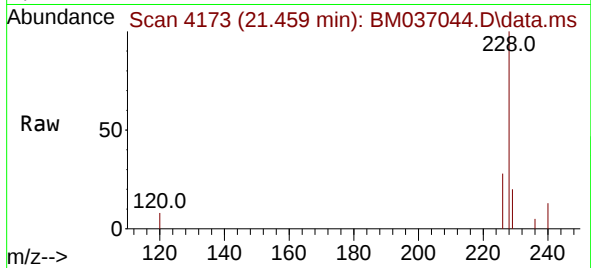




#21
Benzo(a)anthracene
Concen: 0.319 ng/ul
RT: 21.459 min Scan# 4173
Delta R.T. 0.001 min
Lab File: BM037044.D
Acq: 14 Oct 2022 08:22

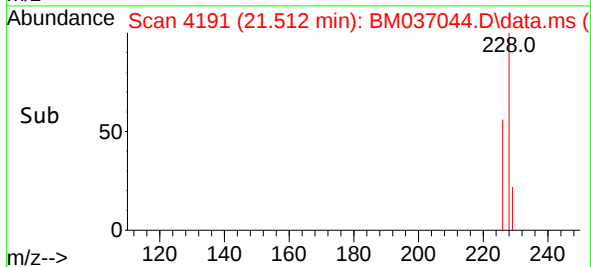
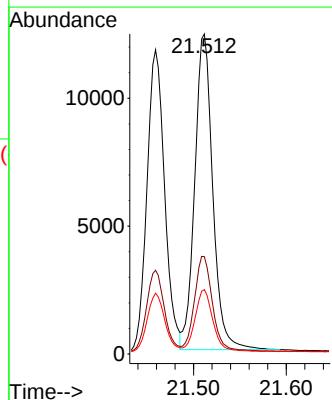
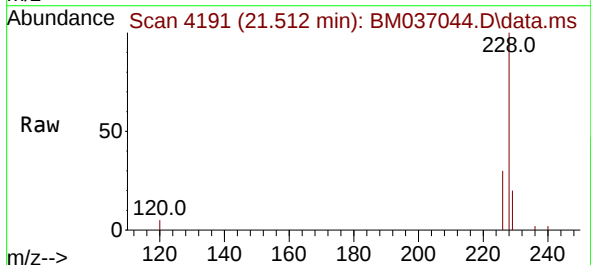
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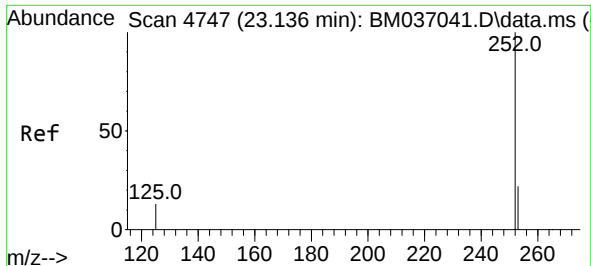
Tgt Ion:228 Resp: 15658
Ion Ratio Lower Upper
228 100
229 20.0 16.2 24.2
226 27.5 22.5 33.7



#22
Chrysene
Concen: 0.316 ng/ul
RT: 21.512 min Scan# 4191
Delta R.T. 0.001 min
Lab File: BM037044.D
Acq: 14 Oct 2022 08:22

Tgt Ion:228 Resp: 16691
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 20.1 16.4 24.6

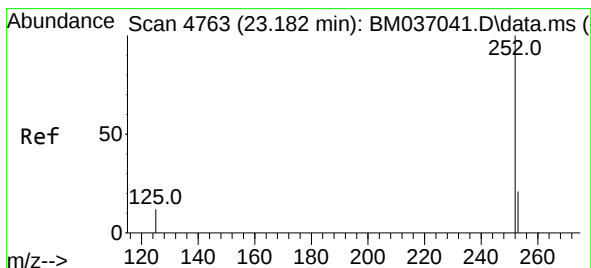
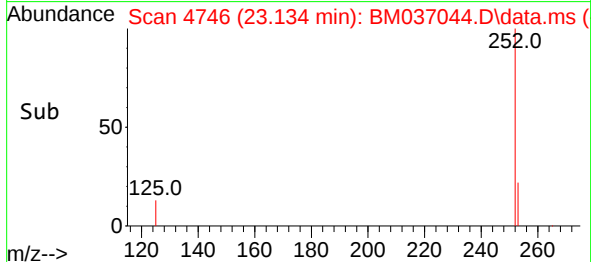
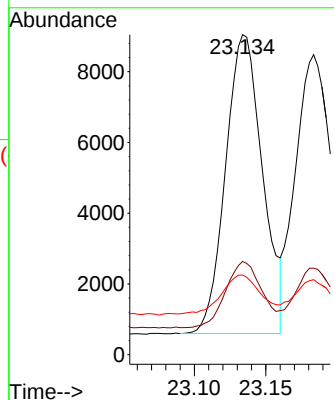
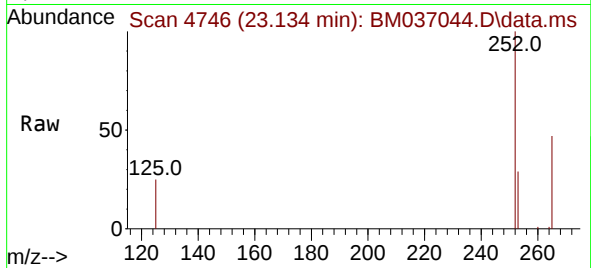




#24
Benzo(b)fluoranthene
Concen: 0.320 ng/ul
RT: 23.134 min Scan# 4746
Delta R.T. -0.002 min
Lab File: BM037044.D
Acq: 14 Oct 2022 08:22

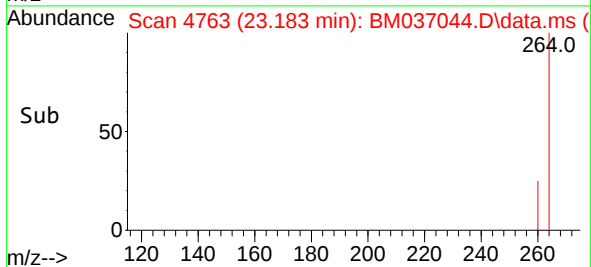
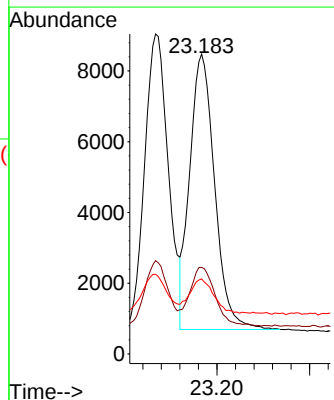
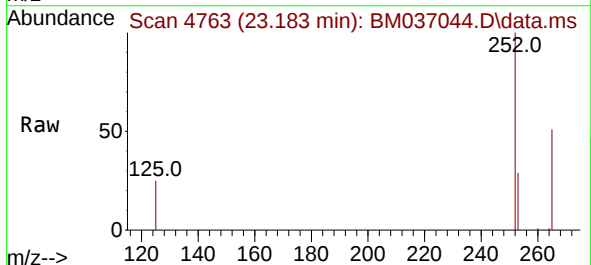
Instrument :
BNA_M
ClientSampleId :
SLCS218

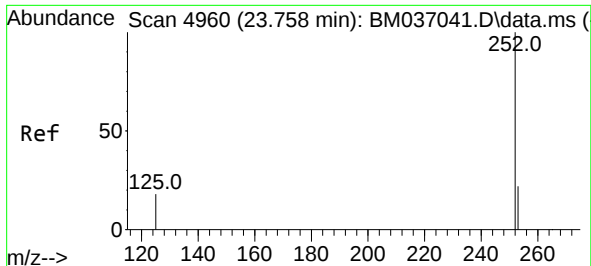
Tgt Ion:252	Resp:	15191
Ion Ratio	Lower	Upper
252	100	
253	29.2	0.0 61.4
125	24.9	0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.315 ng/ul
RT: 23.183 min Scan# 4763
Delta R.T. 0.001 min
Lab File: BM037044.D
Acq: 14 Oct 2022 08:22

Tgt Ion:252	Resp:	14549
Ion Ratio	Lower	Upper
252	100	
253	28.8	25.2 37.8
125	25.0	18.3 27.5

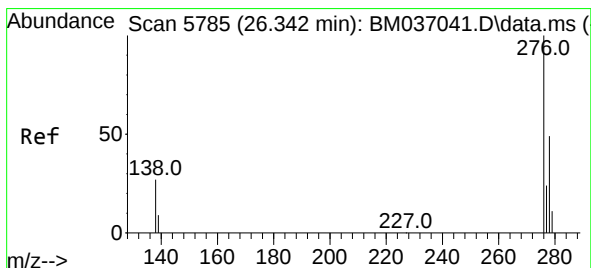
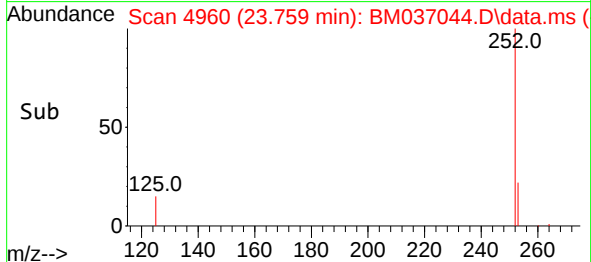
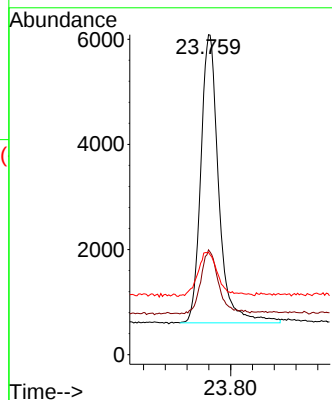
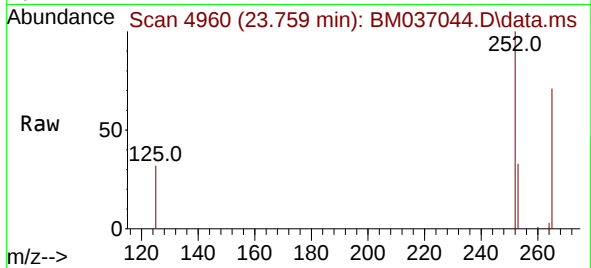




#26
Benzo(a)pyrene
Concen: 0.325 ng/ul
RT: 23.759 min Scan# 4960
Delta R.T. 0.001 min
Lab File: BM037044.D
Acq: 14 Oct 2022 08:22

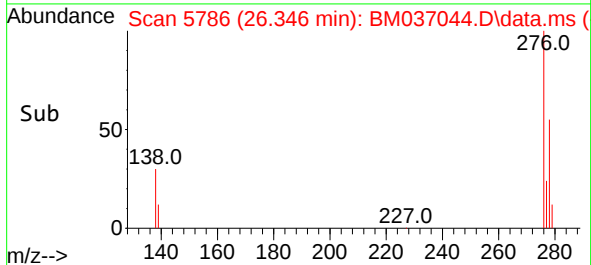
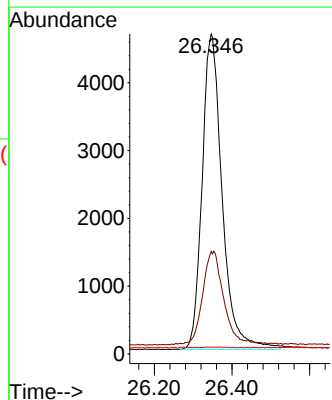
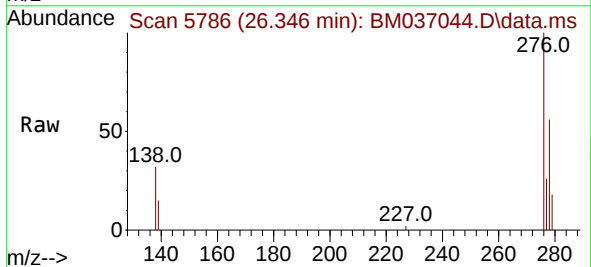
Instrument :
BNA_M
ClientSampleId :
SLCS218

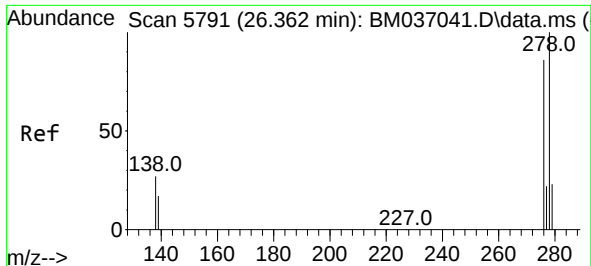
Tgt Ion:	252	Resp:	12509
Ion Ratio	Lower	Upper	
252	100		
253	32.7	29.7	44.5
125	32.0	23.6	35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.305 ng/ul
RT: 26.346 min Scan# 5786
Delta R.T. 0.004 min
Lab File: BM037044.D
Acq: 14 Oct 2022 08:22

Tgt Ion:	276	Resp:	16659
Ion Ratio	Lower	Upper	
276	100		
138	30.0	23.9	35.9
227	0.2	0.1	0.1

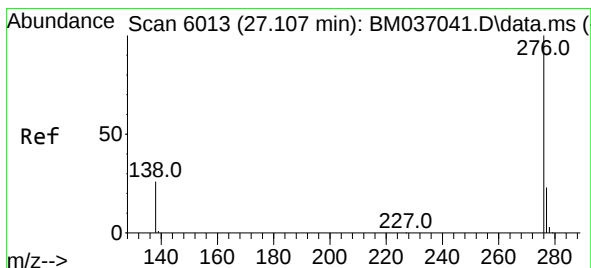
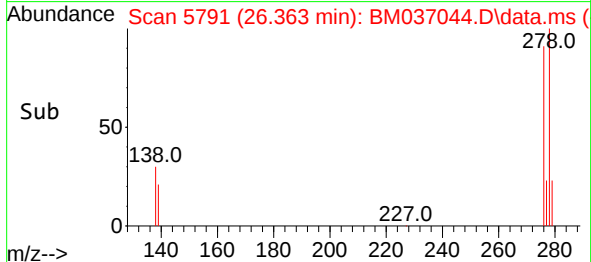
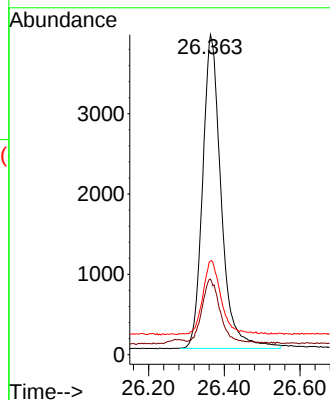
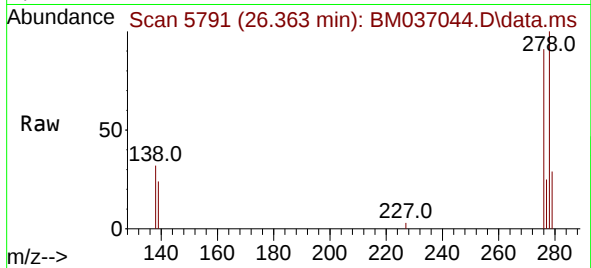




#28
Dibenzo(a,h)anthracene
Concen: 0.302 ng/ul
RT: 26.363 min Scan# 5791
Delta R.T. 0.001 min
Lab File: BM037044.D
Acq: 14 Oct 2022 08:22

Instrument :
BNA_M
ClientSampleId :
SLCS218

Tgt Ion:278 Resp: 13308
Ion Ratio Lower Upper
278 100
139 23.6 19.8 29.6
279 29.2 27.7 41.5



#29
Benzo(g,h,i)perylene
Concen: 0.304 ng/ul
RT: 27.108 min Scan# 6013
Delta R.T. 0.001 min
Lab File: BM037044.D
Acq: 14 Oct 2022 08:22

Tgt Ion:276 Resp: 14630
Ion Ratio Lower Upper
276 100
138 29.8 23.4 35.0
277 26.1 21.0 31.4

