

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036937.D
 Acq On : 11 Oct 2022 09:41
 Operator : CG/JU
 Sample : PB148185BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS185

Quant Time: Oct 12 01:25:22 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)

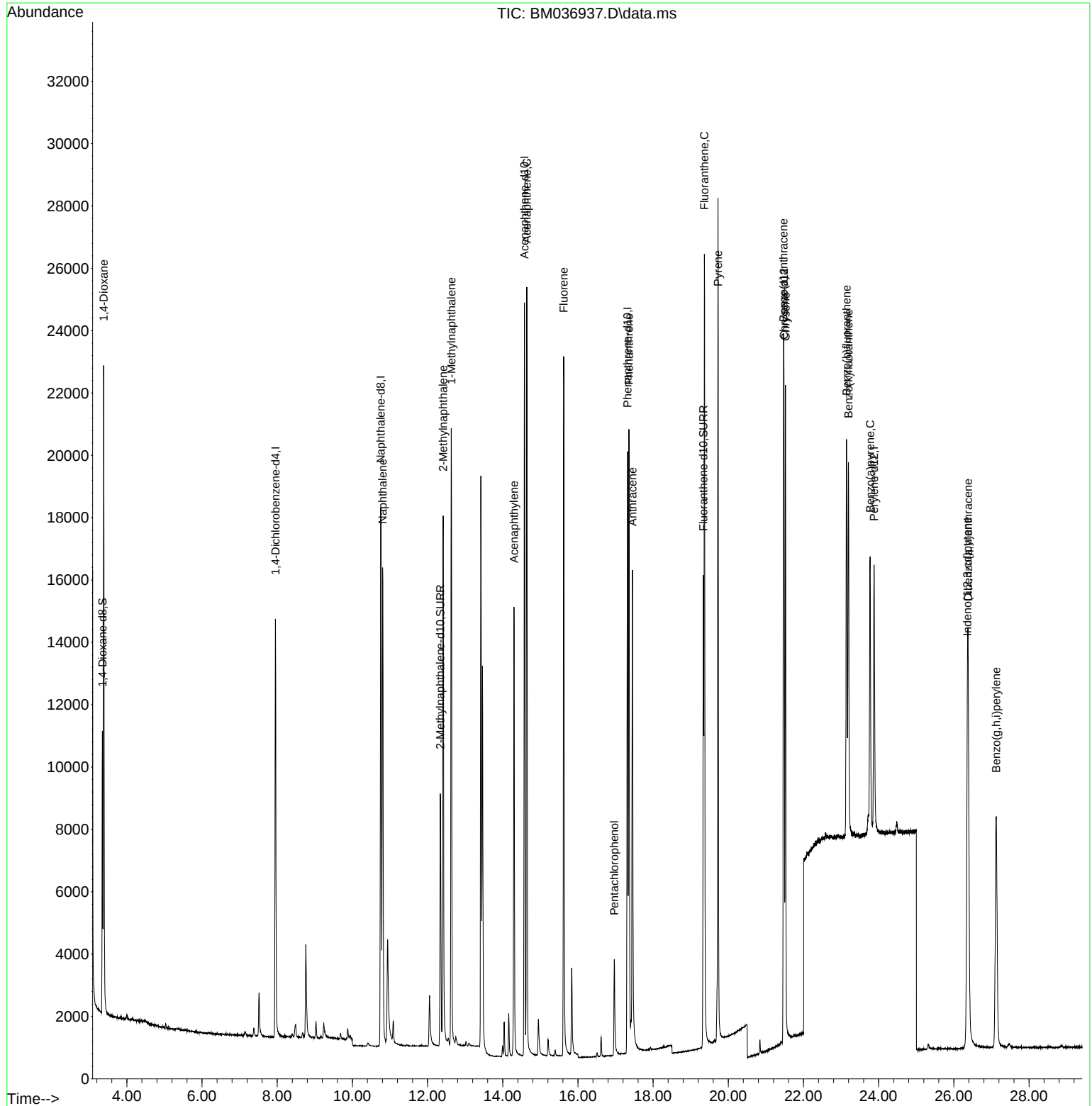
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	7323	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	24779	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.575	164	13226	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.318	188	24098	0.400	ng/ul	0.00
17) Chrysene-d12	21.482	240	15223	0.400	ng/ul	0.00
23) Perylene-d12	23.879	264	12344	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	5358	0.519	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	11680	0.312	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	17223	0.378	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.382	88	13301	1.318	ng/ul#	76
5) Naphthalene	10.804	128	21316	0.301	ng/ul	97
7) 2-Methylnaphthalene	12.415	142	13072	0.302	ng/ul	91
8) 1-Methylnaphthalene	12.629	142	13931	0.317	ng/ul	99
10) Acenaphthylene	14.298	152	16814	0.306	ng/ul	98
11) Acenaphthene	14.640	153	14230	0.298	ng/ul	99
12) Fluorene	15.621	166	15198	0.281	ng/ul	100
14) Pentachlorophenol	16.967	266	2494	0.428	ng/ul	99
15) Phenanthrene	17.356	178	22811	0.297	ng/ul	99
16) Anthracene	17.448	178	19203	0.299	ng/ul	99
19) Fluoranthene	19.364	202	21960	0.363	ng/ul	99
20) Pyrene	19.726	202	22377	0.354	ng/ul	99
21) Benzo(a)anthracene	21.468	228	17010	0.309	ng/ul	99
22) Chrysene	21.520	228	18102	0.307	ng/ul	99
24) Benzo(b)fluoranthene	23.145	252	16942	0.307	ng/ul	95
25) Benzo(k)fluoranthene	23.195	252	16020	0.298	ng/ul	96
26) Benzo(a)pyrene	23.771	252	13938	0.312	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.360	276	19387	0.306	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.380	278	15397	0.301	ng/ul	93
29) Benzo(g,h,i)perylene	27.128	276	16847	0.302	ng/ul	99

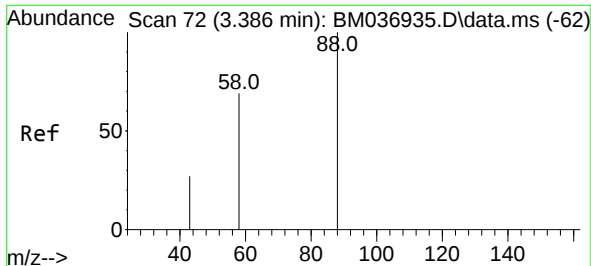
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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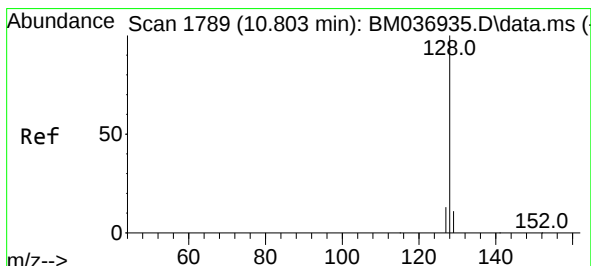
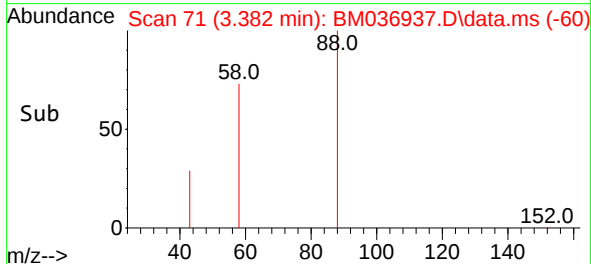
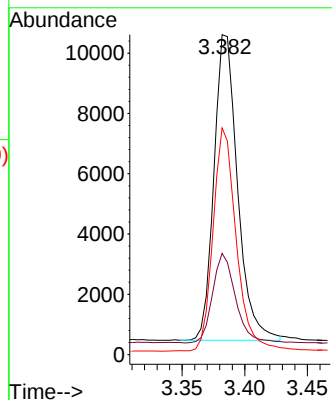
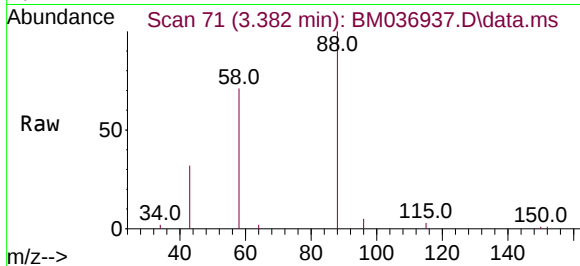




#2
1,4-Dioxane
Concen: 1.318 ng/ul
RT: 3.382 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

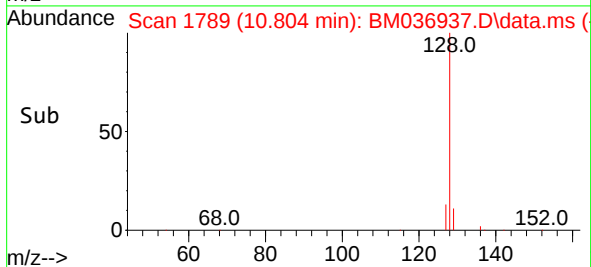
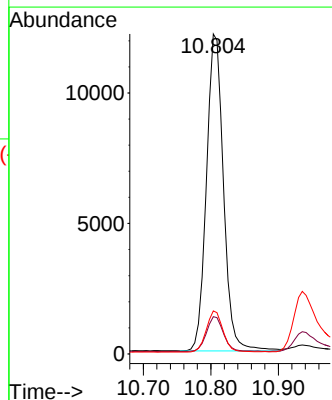
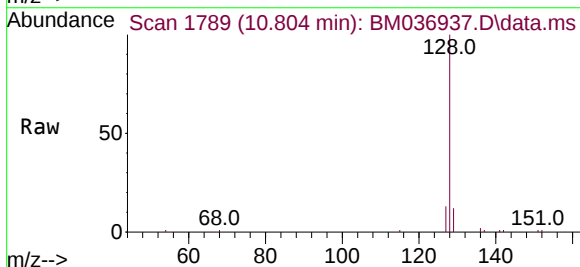
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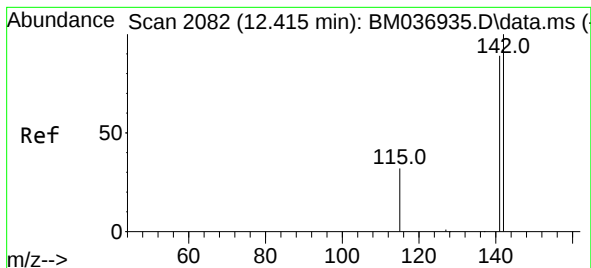
Tgt Ion: 88 Resp: 13301
Ion Ratio Lower Upper
88 100
43 31.6 37.8 56.6#
58 70.8 42.6 63.8#



#5
Naphthalene
Concen: 0.301 ng/ul
RT: 10.804 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

Tgt Ion: 128 Resp: 21316
Ion Ratio Lower Upper
128 100
129 11.6 10.2 15.2
127 13.4 11.7 17.5

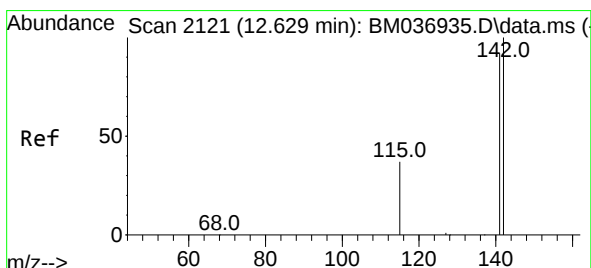
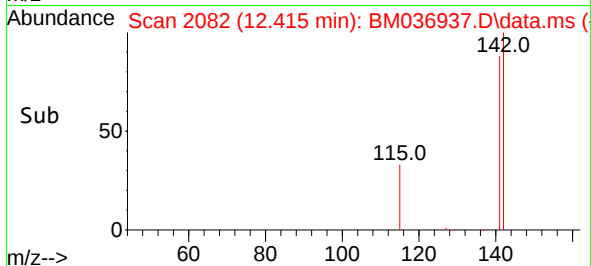
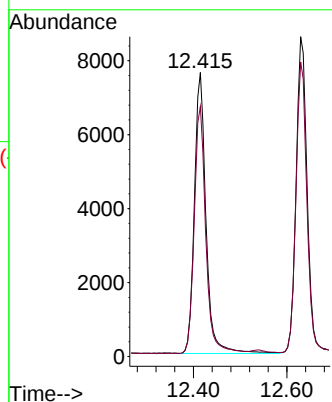
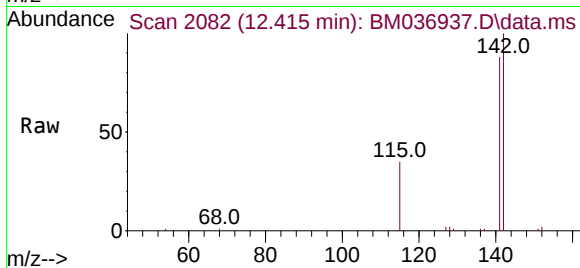




#7
2-Methylnaphthalene
Concen: 0.302 ng/ul
RT: 12.415 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

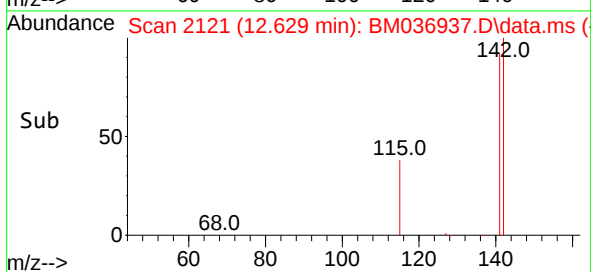
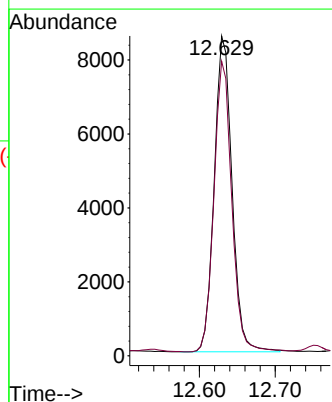
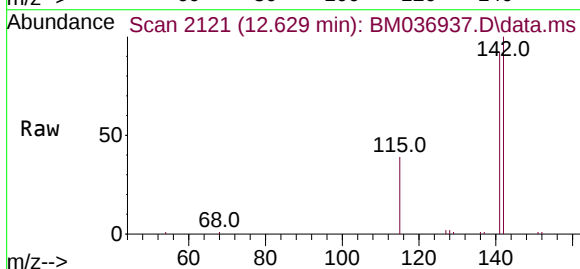
Instrument :
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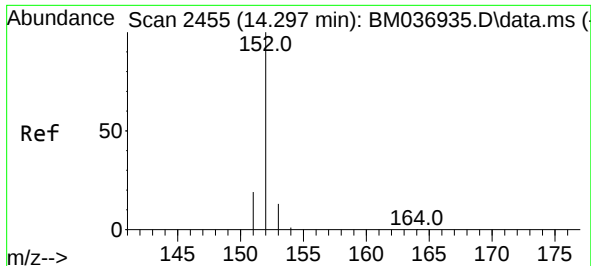
Tgt Ion:142 Resp: 13072
Ion Ratio Lower Upper
142 100
141 87.4 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.317 ng/ul
RT: 12.629 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

Tgt Ion:142 Resp: 13931
Ion Ratio Lower Upper
142 100
141 92.0 74.1 111.1

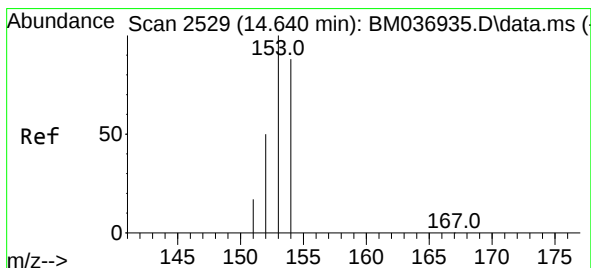
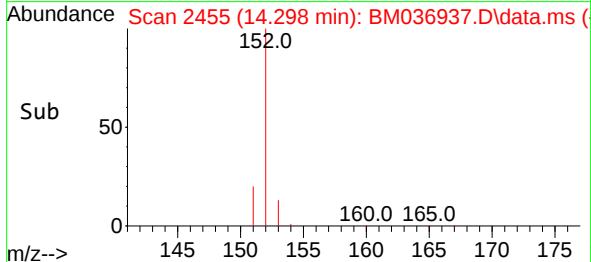
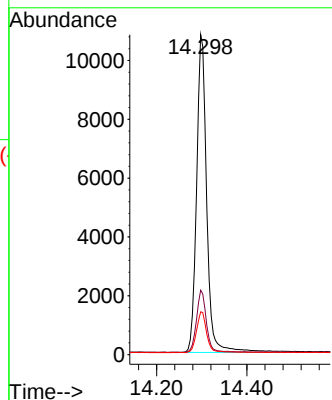
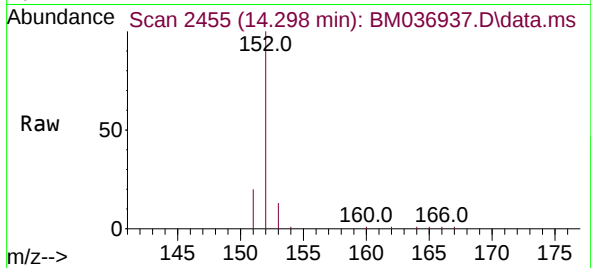




#10
Acenaphthylene
Concen: 0.306 ng/ul
RT: 14.298 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

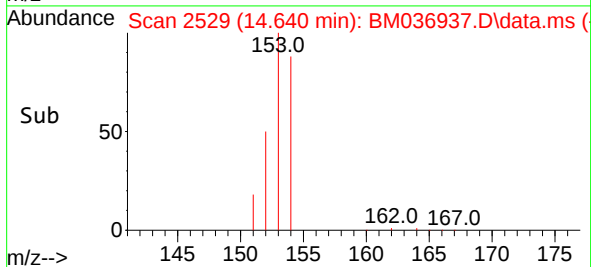
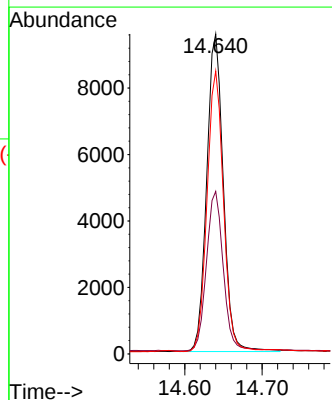
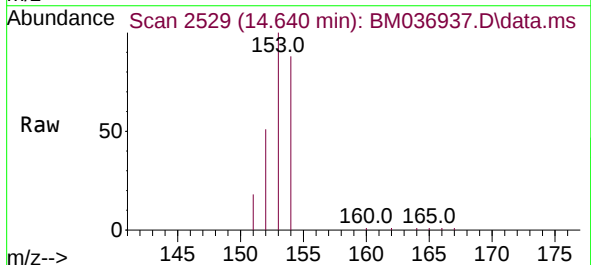
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ClientSampleId :
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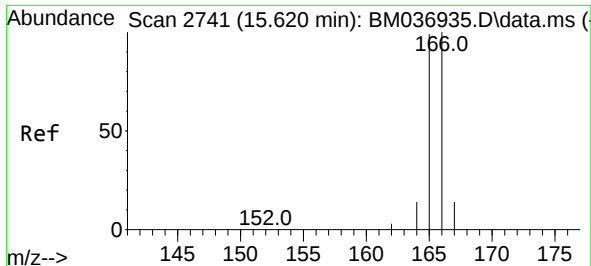
Tgt Ion:152 Resp: 16814
Ion Ratio Lower Upper
152 100
151 20.1 16.6 24.8
153 13.4 11.4 17.0



#11
Acenaphthene
Concen: 0.298 ng/ul
RT: 14.640 min Scan# 2529
Delta R.T. 0.000 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

Tgt Ion:153 Resp: 14230
Ion Ratio Lower Upper
153 100
152 50.8 40.2 60.4
154 88.4 69.7 104.5

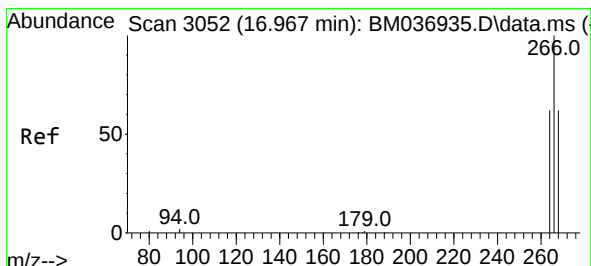
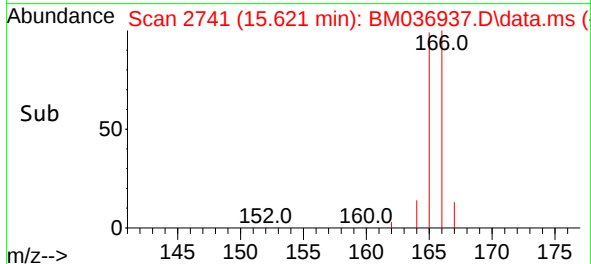
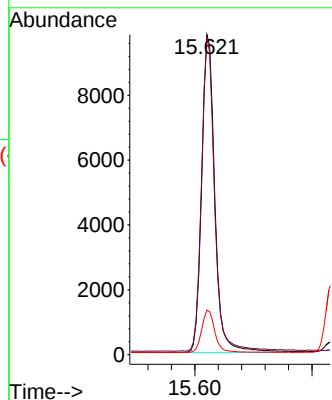
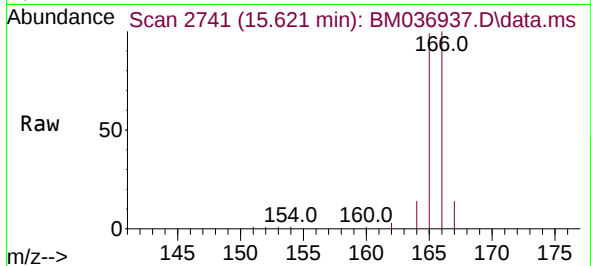




#12
Fluorene
Concen: 0.281 ng/ul
RT: 15.621 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

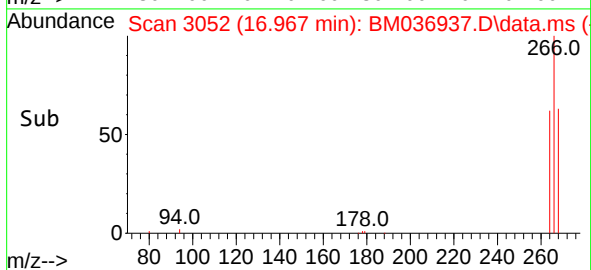
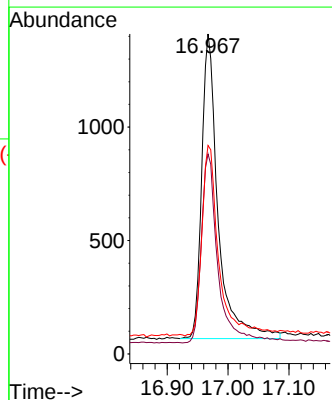
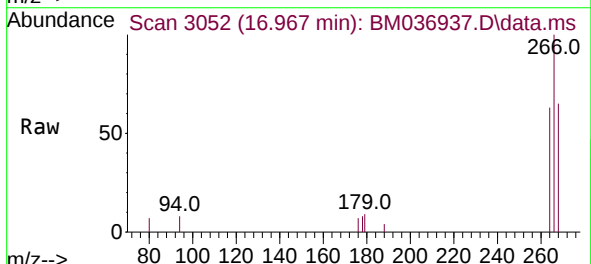
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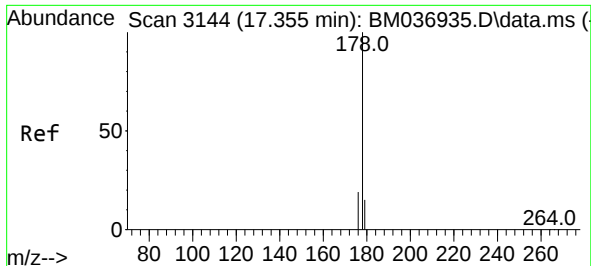
Tgt Ion:166 Resp: 15198
Ion Ratio Lower Upper
166 100
165 99.1 78.9 118.3
167 13.9 11.3 16.9



#14
Pentachlorophenol
Concen: 0.428 ng/ul
RT: 16.967 min Scan# 3052
Delta R.T. 0.000 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

Tgt Ion:266 Resp: 2494
Ion Ratio Lower Upper
266 100
264 62.8 50.3 75.5
268 64.9 53.5 80.3

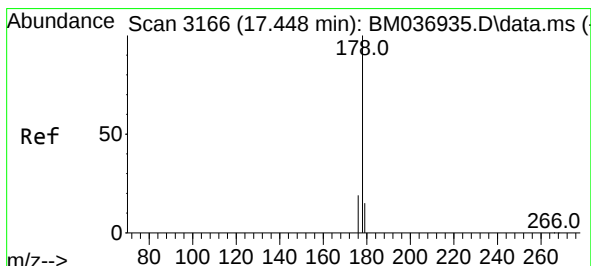
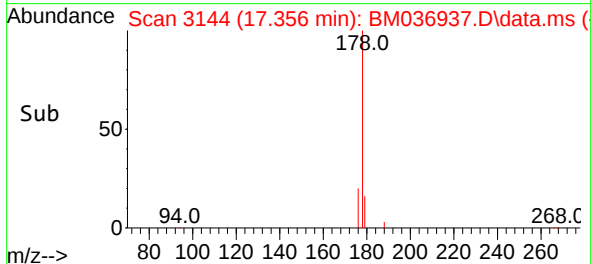
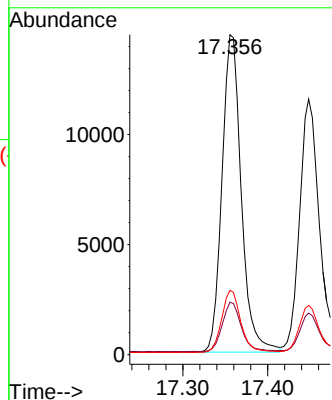
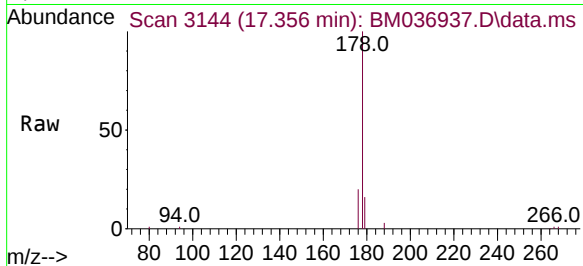




#15
Phenanthrene
Concen: 0.297 ng/ul
RT: 17.356 min Scan# 3144
Delta R.T. 0.000 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

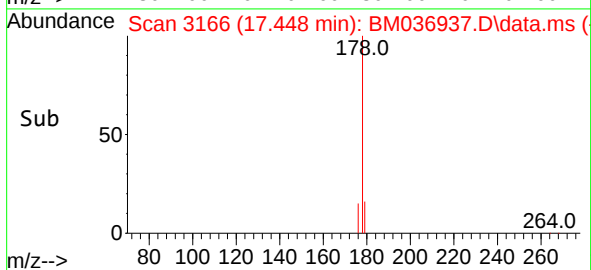
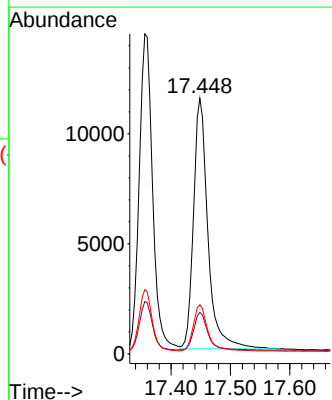
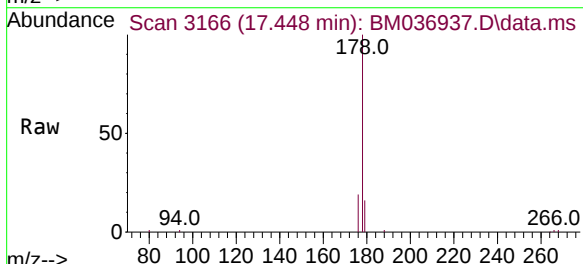
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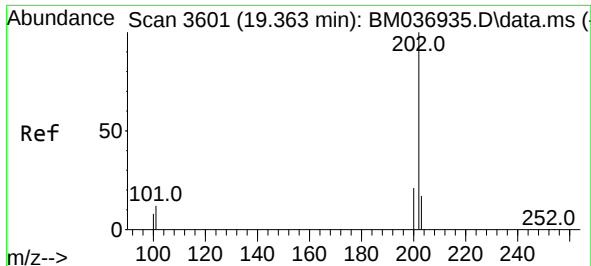
Tgt Ion:178 Resp: 22811
Ion Ratio Lower Upper
178 100
179 16.4 13.0 19.6
176 20.1 15.6 23.4



#16
Anthracene
Concen: 0.299 ng/ul
RT: 17.448 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

Tgt Ion:178 Resp: 19203
Ion Ratio Lower Upper
178 100
179 16.2 13.6 20.4
176 19.3 15.6 23.4

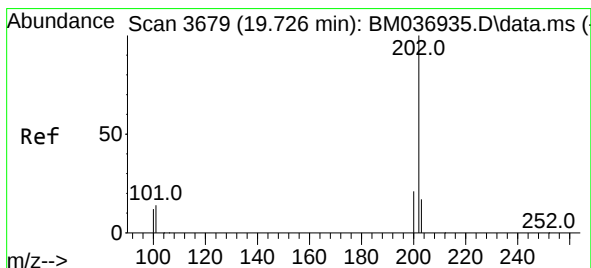
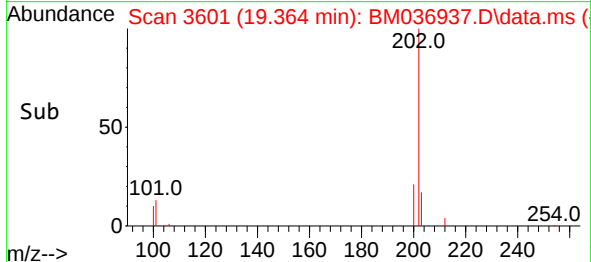
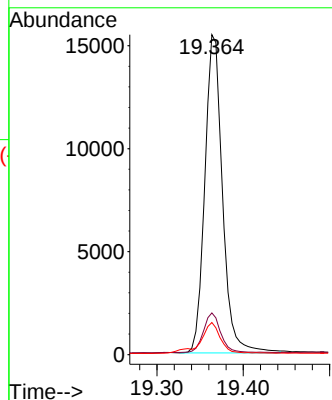
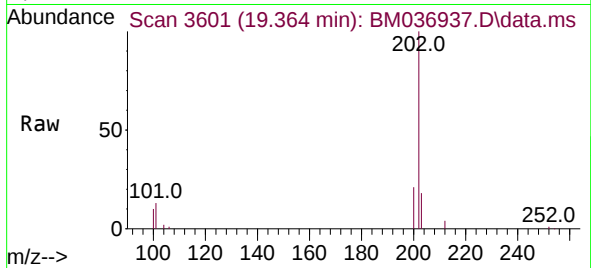




#19
Fluoranthene
Concen: 0.363 ng/ul
RT: 19.364 min Scan# 3601
Delta R.T. 0.000 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

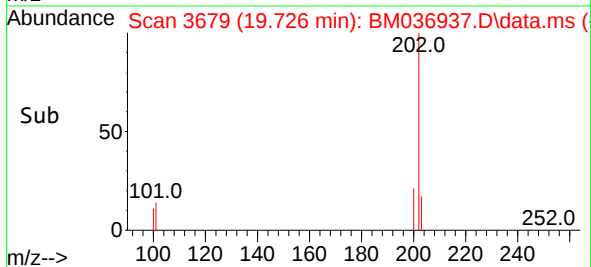
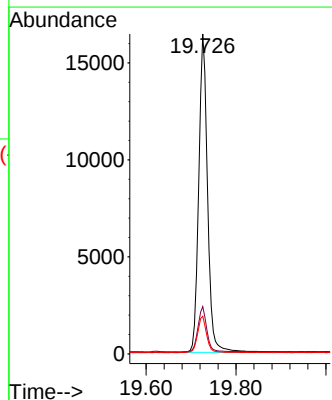
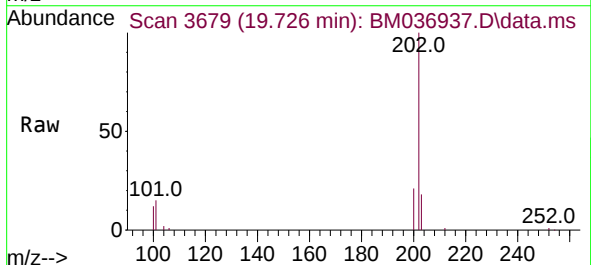
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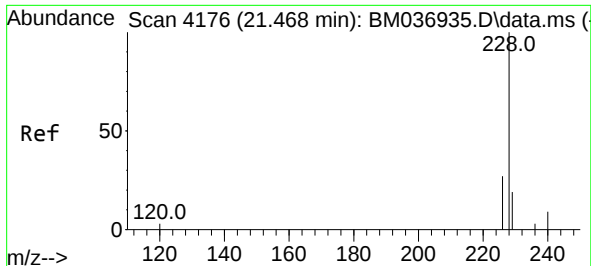
Tgt Ion:202 Resp: 21960
Ion Ratio Lower Upper
202 100
101 13.0 10.1 15.1
100 10.0 7.9 11.9



#20
Pyrene
Concen: 0.354 ng/ul
RT: 19.726 min Scan# 3679
Delta R.T. 0.000 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

Tgt Ion:202 Resp: 22377
Ion Ratio Lower Upper
202 100
101 14.8 12.0 18.0
100 11.8 9.8 14.6

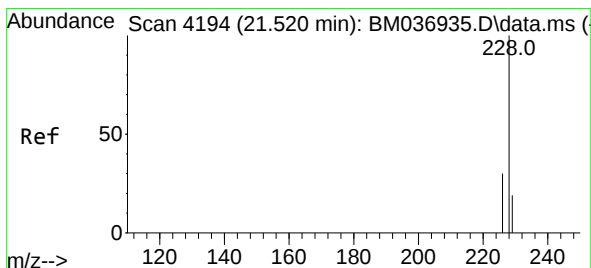
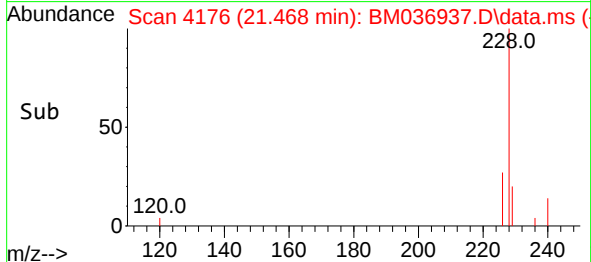
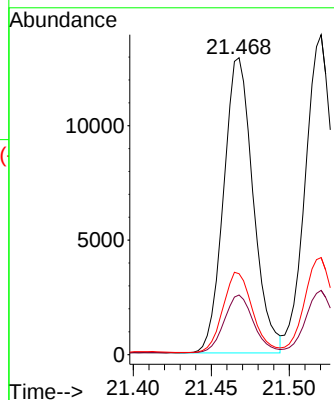
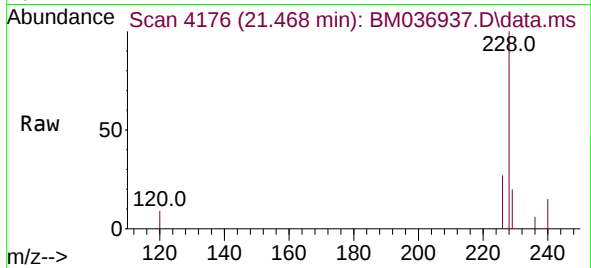




#21
Benzo(a)anthracene
Concen: 0.309 ng/u1
RT: 21.468 min Scan# 4176
Delta R.T. 0.000 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

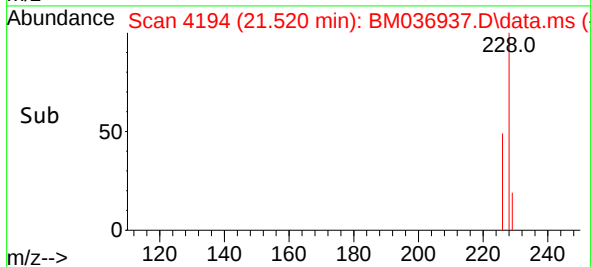
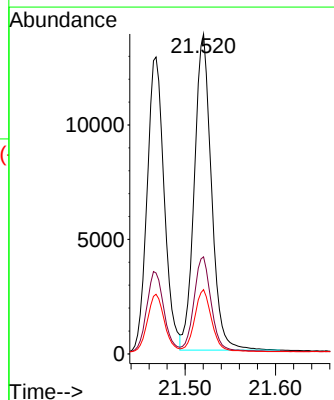
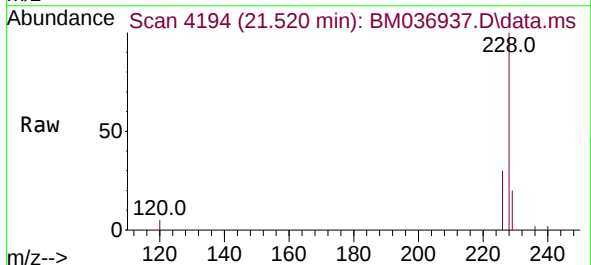
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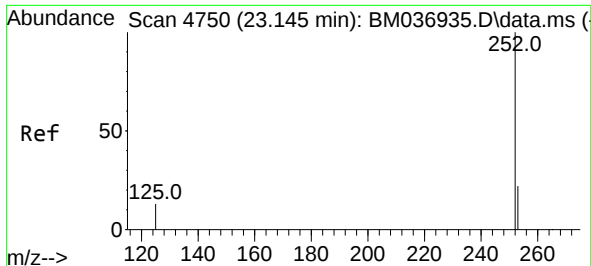
Tgt Ion:228 Resp: 17010
Ion Ratio Lower Upper
228 100
229 20.1 16.2 24.2
226 27.3 22.5 33.7



#22
Chrysene
Concen: 0.307 ng/u1
RT: 21.520 min Scan# 4194
Delta R.T. 0.000 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

Tgt Ion:228 Resp: 18102
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 20.1 16.4 24.6

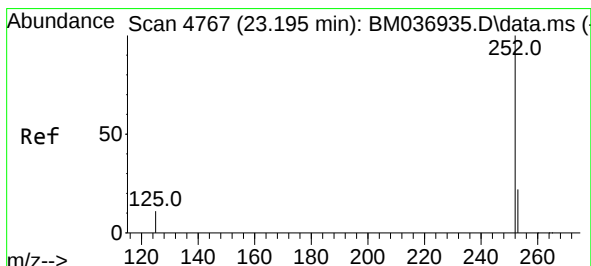
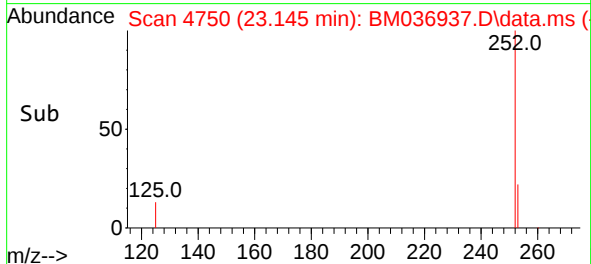
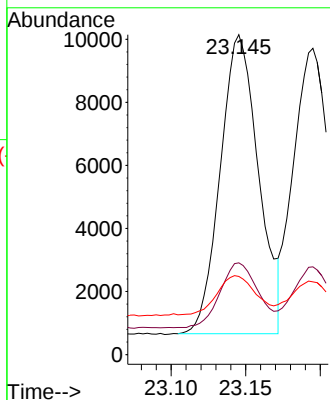
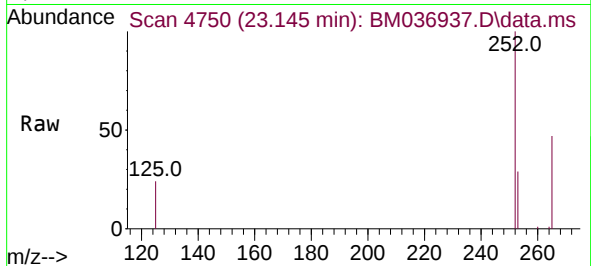




#24
Benzo(b)fluoranthene
Concen: 0.307 ng/ul
RT: 23.145 min Scan# 4750
Delta R.T. 0.000 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

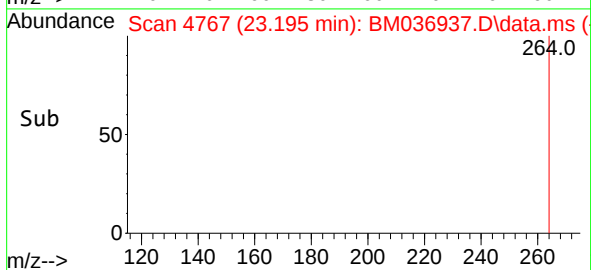
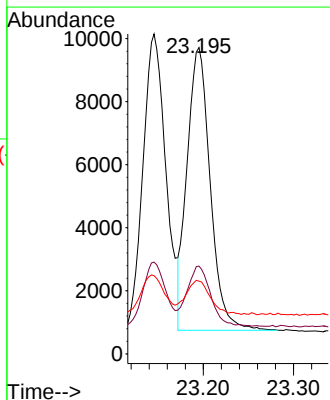
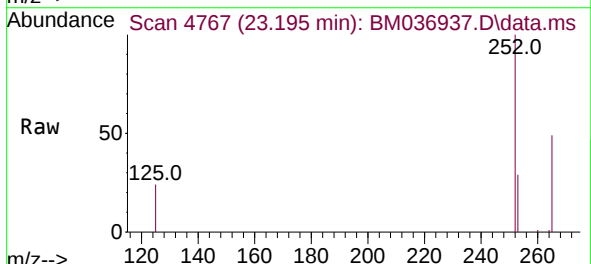
Instrument :
BNA_M
ClientSampleId :
SLCS185

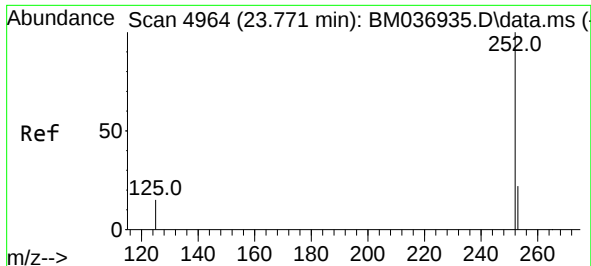
Tgt Ion:252 Resp: 16942
Ion Ratio Lower Upper
252 100
253 28.7 0.0 61.4
125 24.4 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.298 ng/ul
RT: 23.195 min Scan# 4767
Delta R.T. 0.000 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

Tgt Ion:252 Resp: 16020
Ion Ratio Lower Upper
252 100
253 28.7 25.2 37.8
125 23.8 18.3 27.5

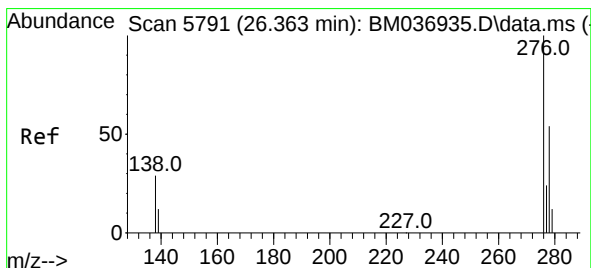
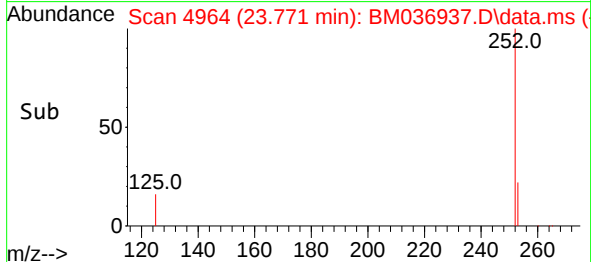
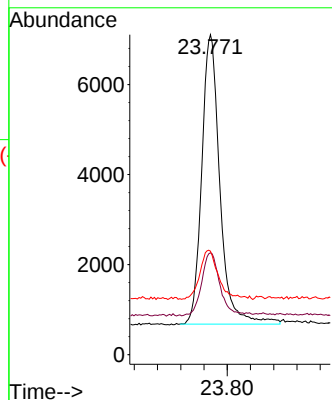
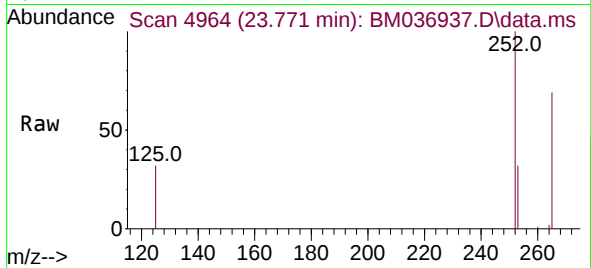




#26
Benzo(a)pyrene
Concen: 0.312 ng/ul
RT: 23.771 min Scan# 4964
Delta R.T. 0.000 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

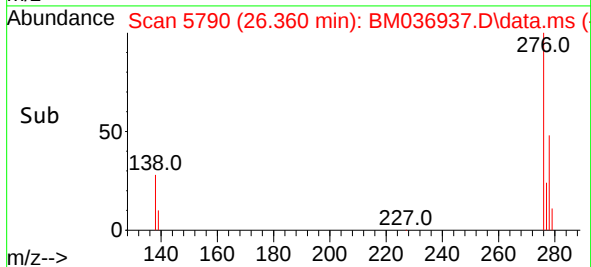
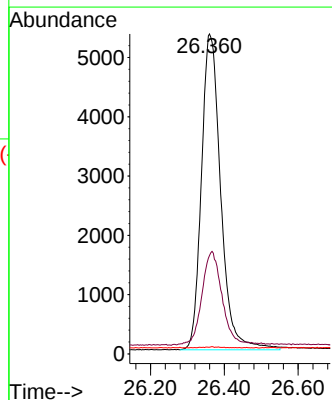
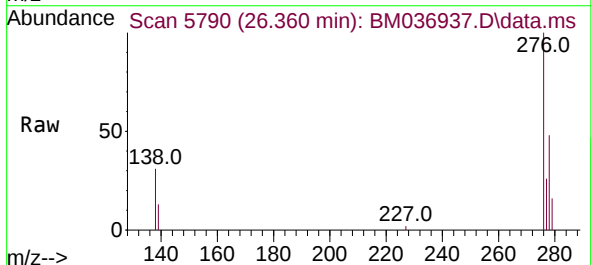
Instrument :
BNA_M
ClientSampleId :
SLCS185

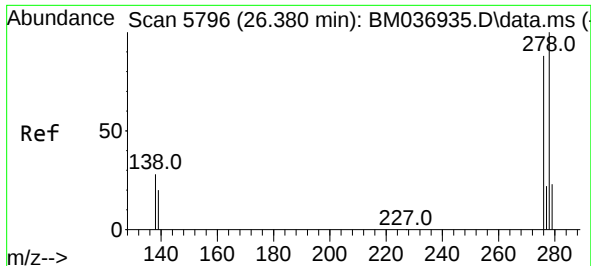
Tgt Ion:	252	Resp:	13938
Ion Ratio	Lower	Upper	
252	100		
253	31.8	29.7	44.5
125	32.3	23.6	35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.306 ng/ul
RT: 26.360 min Scan# 5790
Delta R.T. -0.003 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

Tgt Ion:	276	Resp:	19387
Ion Ratio	Lower	Upper	
276	100		
138	30.9	23.9	35.9
227	0.1	0.1	0.1

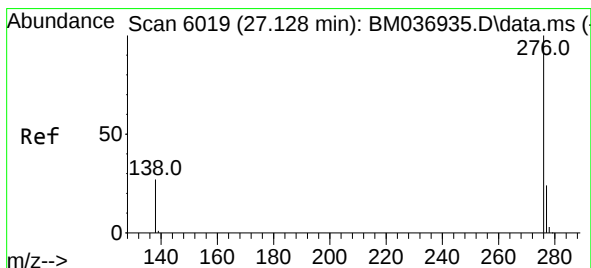
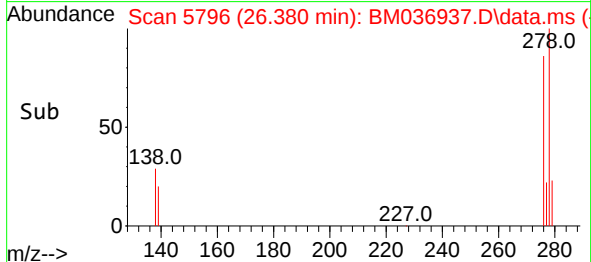
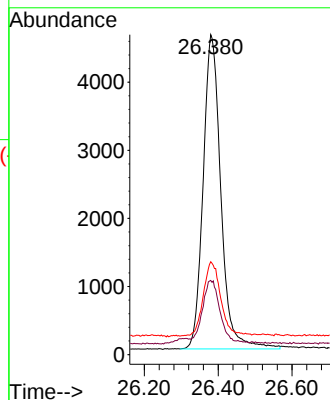
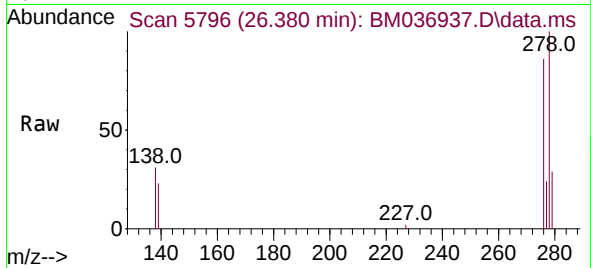




#28
Dibenzo(a,h)anthracene
Concen: 0.301 ng/ul
RT: 26.380 min Scan# 5796
Delta R.T. 0.000 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

Instrument :
BNA_M
ClientSampleId :
SLCS185

Tgt Ion:278 Resp: 15397
Ion Ratio Lower Upper
278 100
139 23.2 19.8 29.6
279 29.0 27.7 41.5



#29
Benzo(g,h,i)perylene
Concen: 0.302 ng/ul
RT: 27.128 min Scan# 6019
Delta R.T. 0.000 min
Lab File: BM036937.D
Acq: 11 Oct 2022 09:41

Tgt Ion:276 Resp: 16847
Ion Ratio Lower Upper
276 100
138 28.7 23.4 35.0
277 25.5 21.0 31.4

