

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036966.D
 Acq On : 12 Oct 2022 04:23
 Operator : CG/JU
 Sample : PB148212BS
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS212

Quant Time: Oct 12 05:08:10 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)

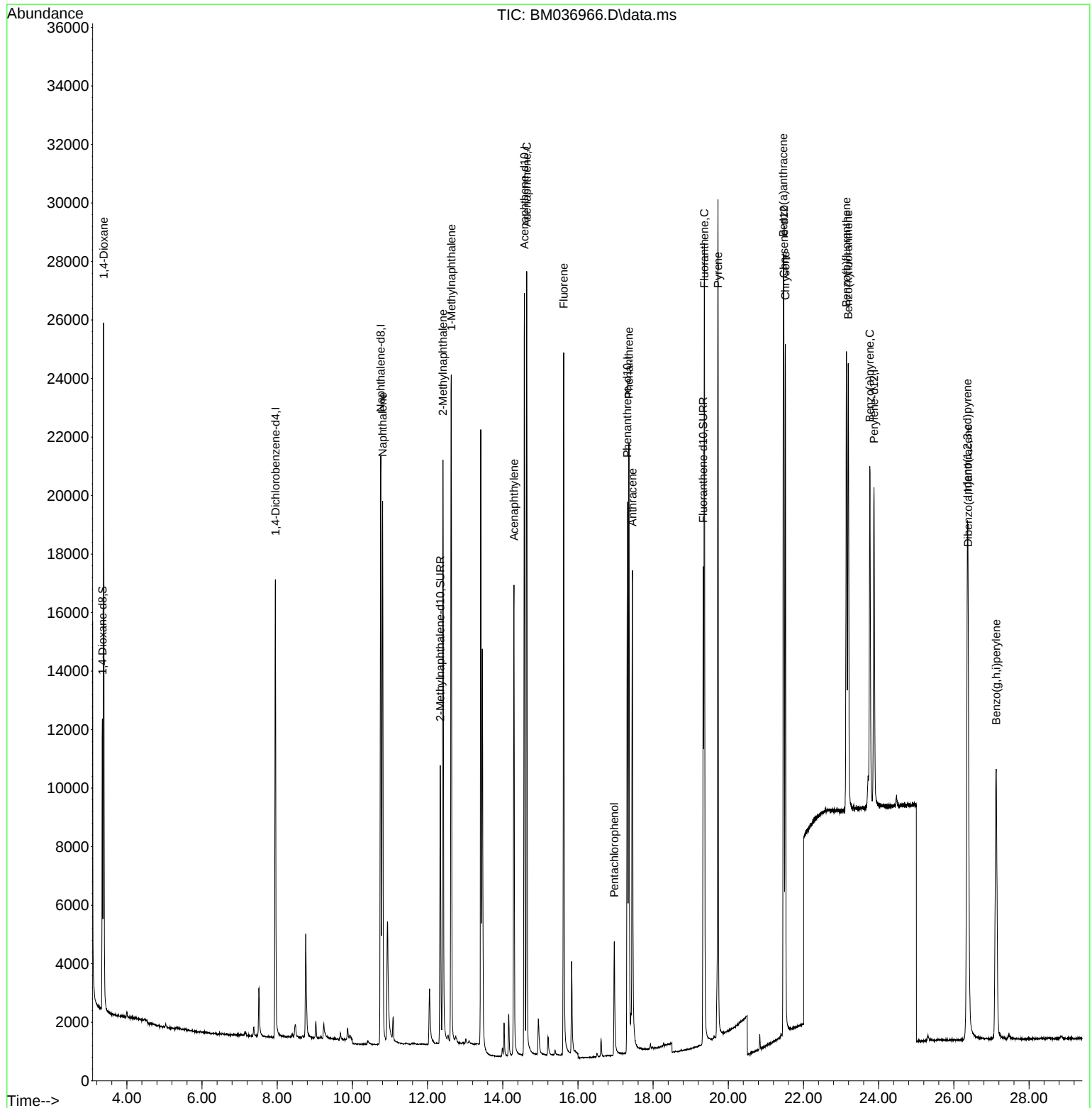
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	8425	0.400	ng/u1	0.00
4) Naphthalene-d8	10.754	136	28825	0.400	ng/u1	# 0.00
9) Acenaphthene-d10	14.575	164	14359	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.313	188	24687	0.400	ng/u1	0.00
17) Chrysene-d12	21.479	240	17143	0.400	ng/u1	0.00
23) Perylene-d12	23.873	264	15689	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	6026	0.507	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.338	152	13596	0.312	ng/u1	0.00
18) Fluoranthene-d10	19.331	212	18448	0.360	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.382	88	14795	1.274	ng/u1#	77
5) Naphthalene	10.804	128	25205	0.306	ng/u1	97
7) 2-Methylnaphthalene	12.409	142	15246	0.302	ng/u1	91
8) 1-Methylnaphthalene	12.629	142	16211	0.317	ng/u1	99
10) Acenaphthylene	14.298	152	19330	0.324	ng/u1	98
11) Acenaphthene	14.635	153	15724	0.304	ng/u1	99
12) Fluorene	15.621	166	16326	0.278	ng/u1	100
14) Pentachlorophenol	16.967	266	3170	0.531	ng/u1	99
15) Phenanthrene	17.356	178	23785	0.302	ng/u1	99
16) Anthracene	17.448	178	20719	0.315	ng/u1	99
19) Fluoranthene	19.364	202	23646	0.347	ng/u1	98
20) Pyrene	19.726	202	24417	0.343	ng/u1	97
21) Benzo(a)anthracene	21.465	228	20382	0.329	ng/u1	100
22) Chrysene	21.517	228	21047	0.317	ng/u1	99
24) Benzo(b)fluoranthene	23.142	252	20515	0.293	ng/u1	96
25) Benzo(k)fluoranthene	23.189	252	20511	0.300	ng/u1	97
26) Benzo(a)pyrene	23.765	252	18383	0.323	ng/u1	95
27) Indeno(1,2,3-cd)pyrene	26.360	276	24525	0.304	ng/u1	98
28) Dibenzo(a,h)anthracene	26.380	278	19527	0.300	ng/u1	93
29) Benzo(g,h,i)perylene	27.124	276	20973	0.295	ng/u1	99

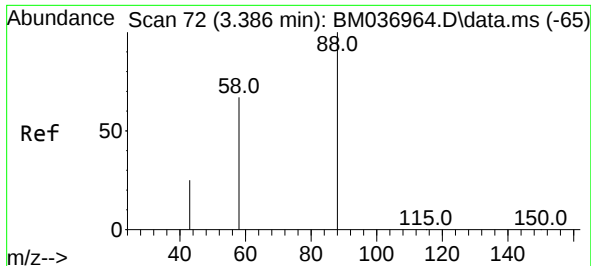
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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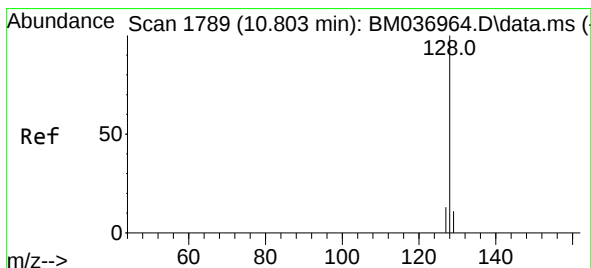
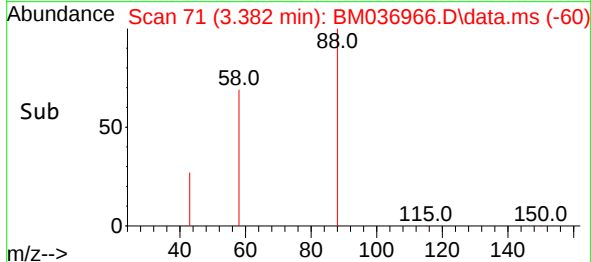
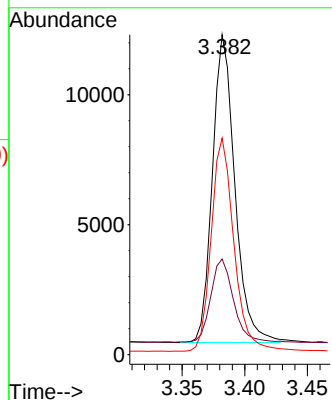
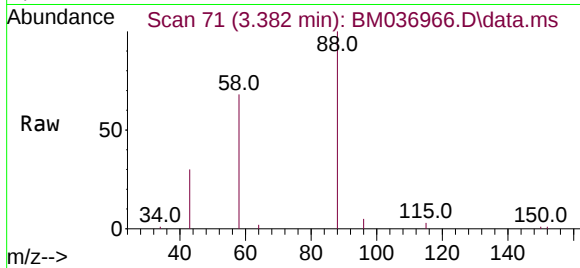




#2
1,4-Dioxane
Concen: 1.274 ng/ul
RT: 3.382 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM036966.D
Acq: 12 Oct 2022 04:23

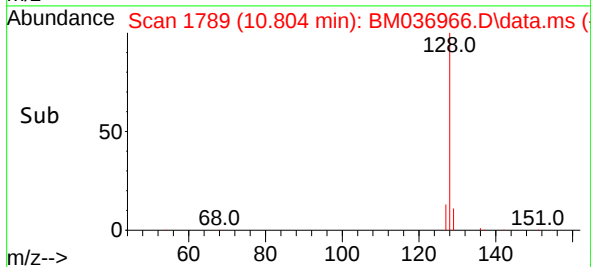
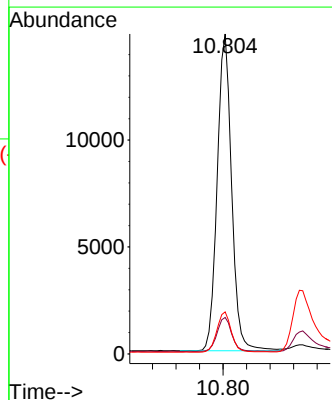
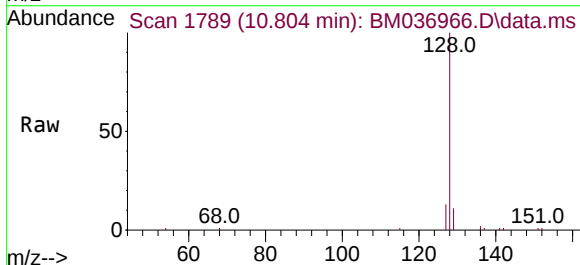
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ClientSampleId :
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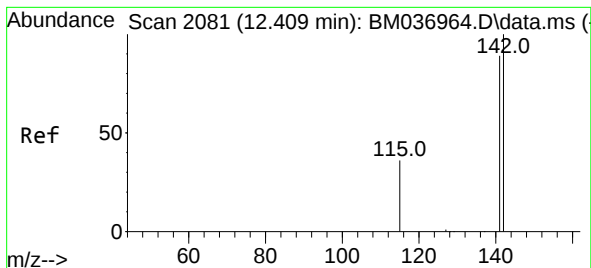
Tgt Ion: 88 Resp: 14795
Ion Ratio Lower Upper
88 100
43 29.9 37.8 56.6#
58 67.7 42.6 63.8#



#5
Naphthalene
Concen: 0.306 ng/ul
RT: 10.804 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BM036966.D
Acq: 12 Oct 2022 04:23

Tgt Ion: 128 Resp: 25205
Ion Ratio Lower Upper
128 100
129 11.4 10.2 15.2
127 13.1 11.7 17.5

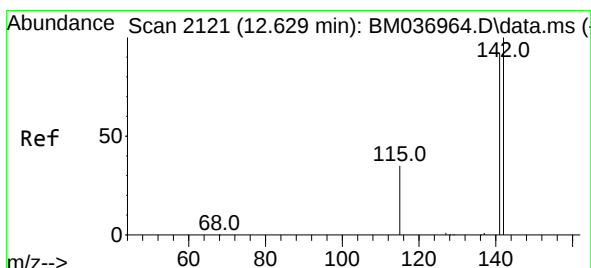
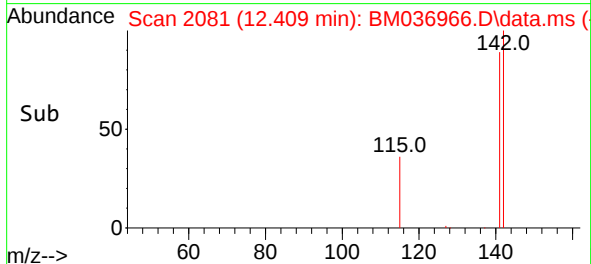
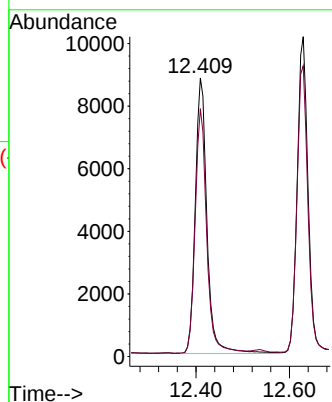
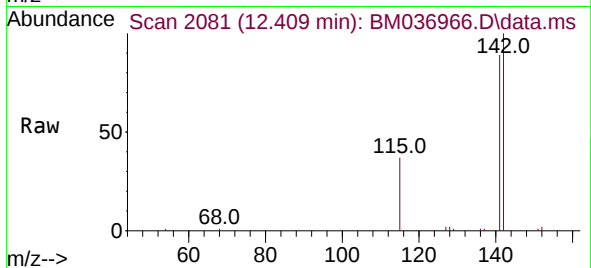




#7
2-Methylnaphthalene
Concen: 0.302 ng/ul
RT: 12.409 min Scan# 2081
Delta R.T. -0.005 min
Lab File: BM036966.D
Acq: 12 Oct 2022 04:23

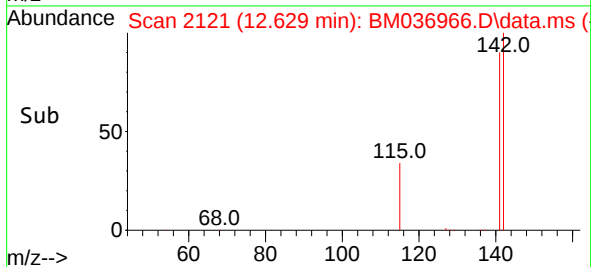
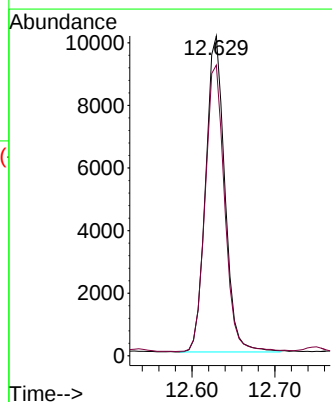
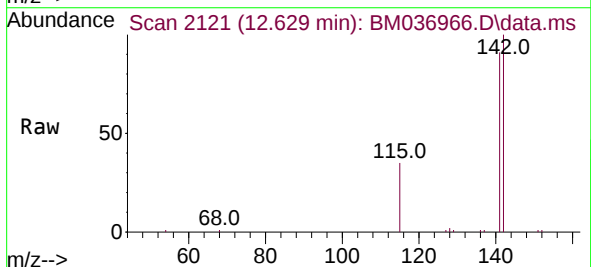
Instrument :
BNA_M
ClientSampleId :
SLCS212

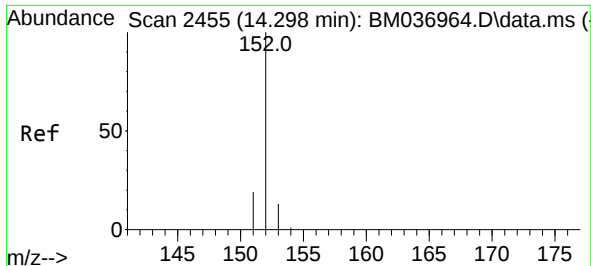
Tgt Ion:142 Resp: 15246
Ion Ratio Lower Upper
142 100
141 87.7 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.317 ng/ul
RT: 12.629 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM036966.D
Acq: 12 Oct 2022 04:23

Tgt Ion:142 Resp: 16211
Ion Ratio Lower Upper
142 100
141 91.8 74.1 111.1

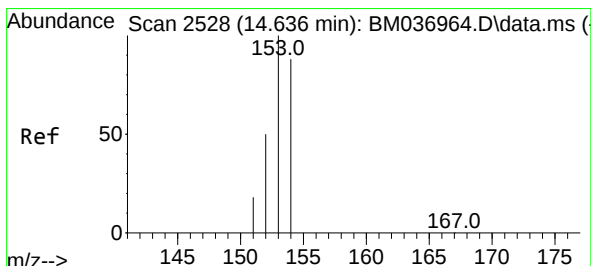
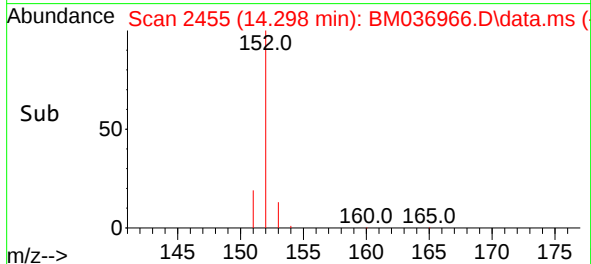
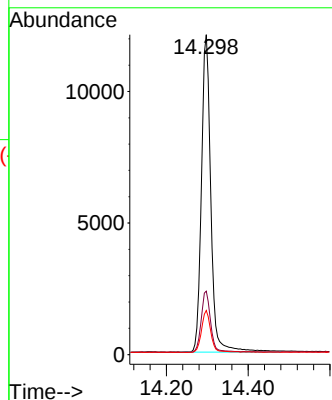
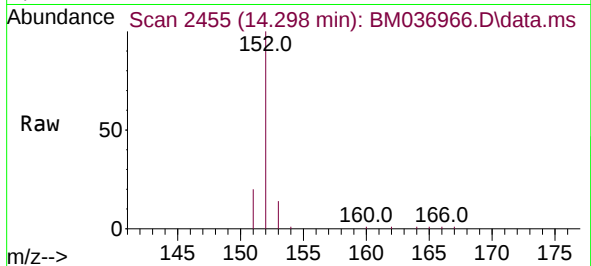




#10
Acenaphthylene
Concen: 0.324 ng/ul
RT: 14.298 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BM036966.D
Acq: 12 Oct 2022 04:23

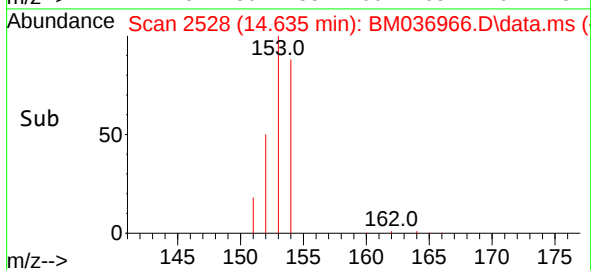
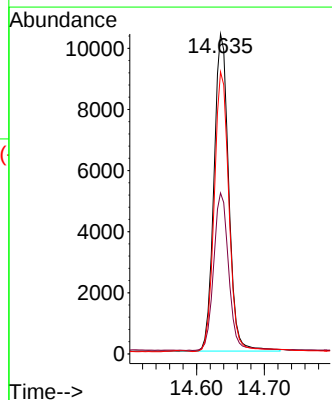
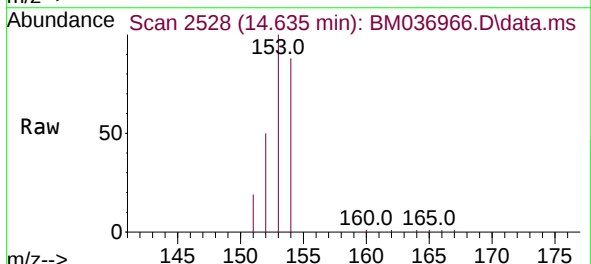
Instrument :
BNA_M
ClientSampleId :
SLCS212

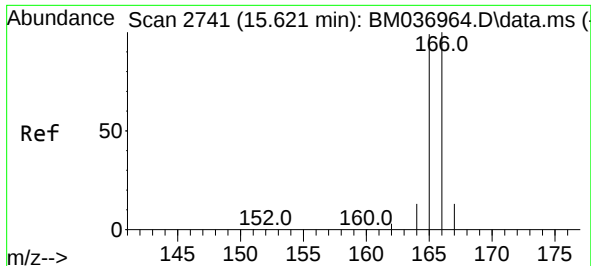
Tgt Ion:152 Resp: 19330
Ion Ratio Lower Upper
152 100
151 19.8 16.6 24.8
153 13.8 11.4 17.0



#11
Acenaphthene
Concen: 0.304 ng/ul
RT: 14.635 min Scan# 2528
Delta R.T. -0.004 min
Lab File: BM036966.D
Acq: 12 Oct 2022 04:23

Tgt Ion:153 Resp: 15724
Ion Ratio Lower Upper
153 100
152 50.3 40.2 60.4
154 88.1 69.7 104.5

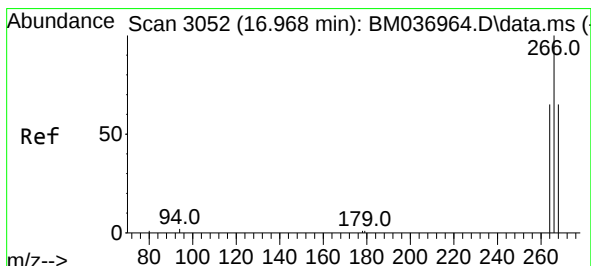
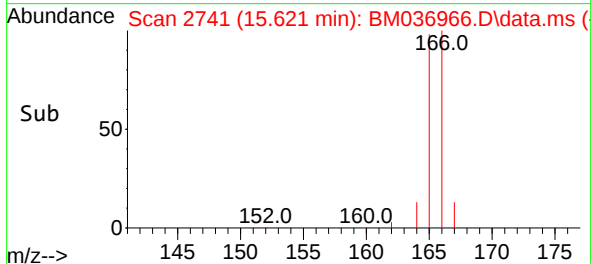
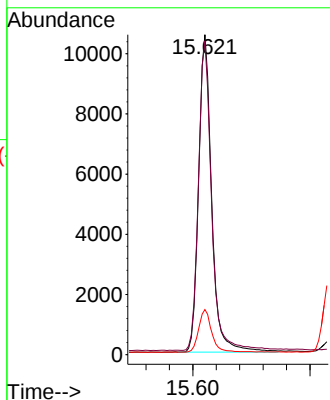
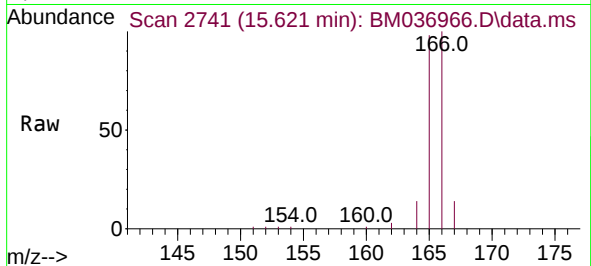




#12
Fluorene
Concen: 0.278 ng/ul
RT: 15.621 min Scan# 2741
Delta R.T. 0.000 min
Lab File: BM036966.D
Acq: 12 Oct 2022 04:23

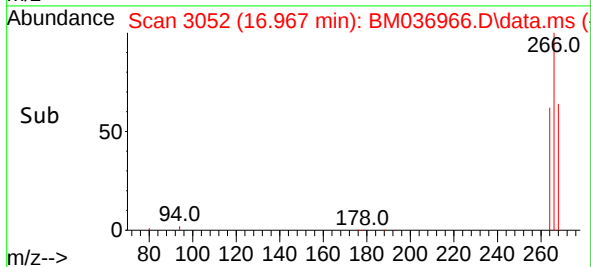
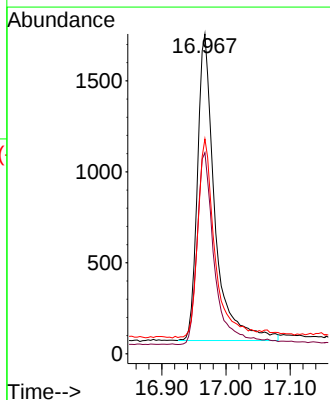
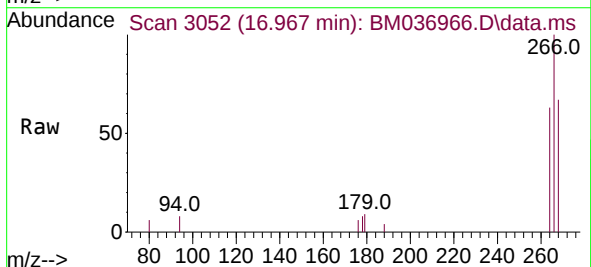
Instrument :
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ClientSampleId :
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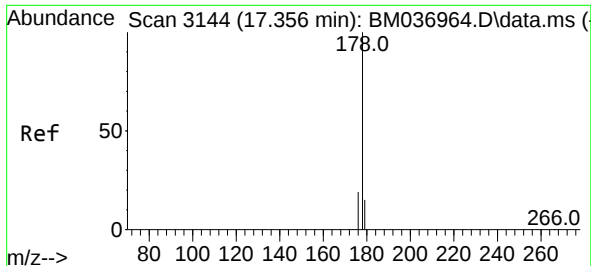
Tgt Ion:166 Resp: 16326
Ion Ratio Lower Upper
166 100
165 98.1 78.9 118.3
167 14.1 11.3 16.9



#14
Pentachlorophenol
Concen: 0.531 ng/ul
RT: 16.967 min Scan# 3052
Delta R.T. 0.000 min
Lab File: BM036966.D
Acq: 12 Oct 2022 04:23

Tgt Ion:266 Resp: 3170
Ion Ratio Lower Upper
266 100
264 63.3 50.3 75.5
268 65.2 53.5 80.3

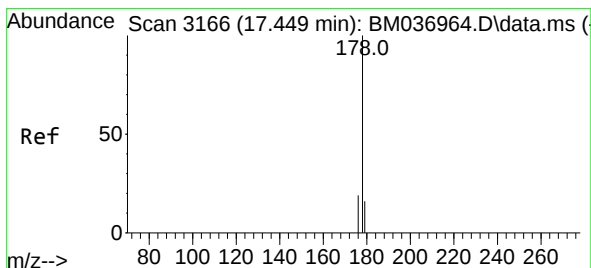
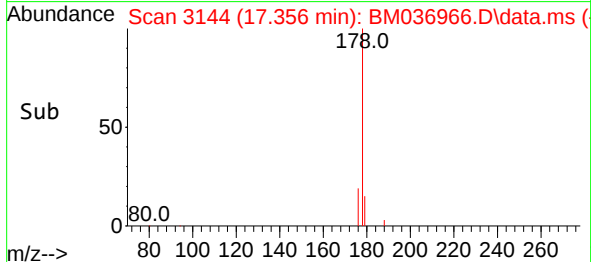
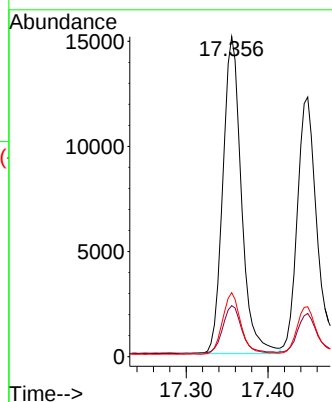
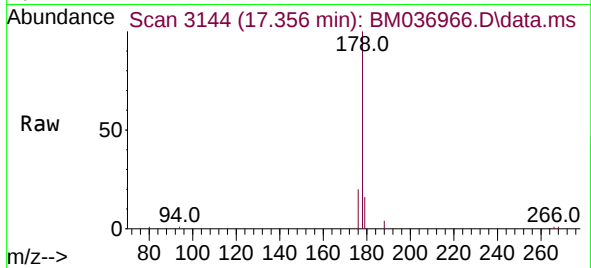




#15
Phenanthrene
Concen: 0.302 ng/ul
RT: 17.356 min Scan# 3144
Delta R.T. 0.000 min
Lab File: BM036966.D
Acq: 12 Oct 2022 04:23

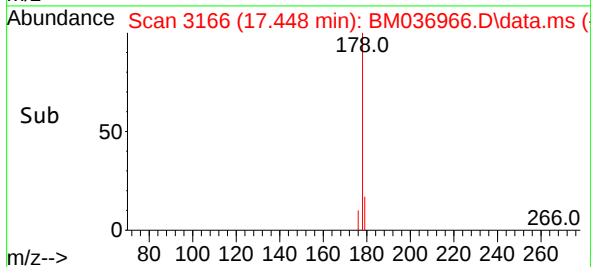
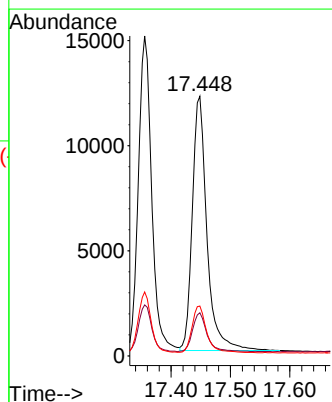
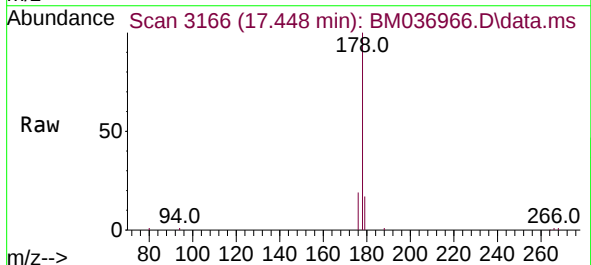
Instrument :
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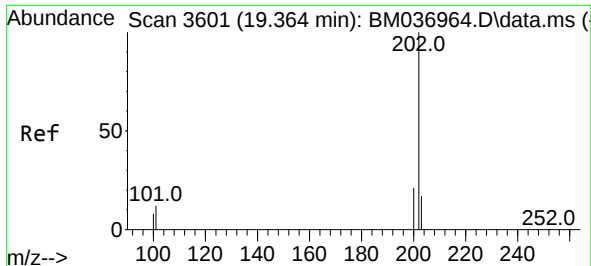
Tgt Ion:178 Resp: 23785
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 20.0 15.6 23.4



#16
Anthracene
Concen: 0.315 ng/ul
RT: 17.448 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BM036966.D
Acq: 12 Oct 2022 04:23

Tgt Ion:178 Resp: 20719
Ion Ratio Lower Upper
178 100
179 16.6 13.6 20.4
176 19.2 15.6 23.4

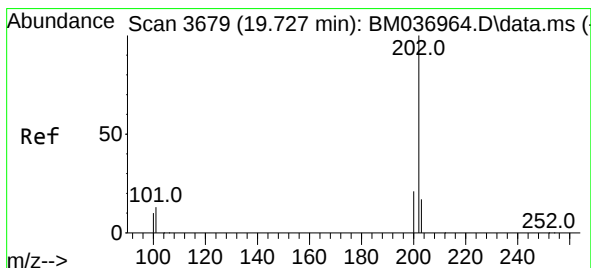
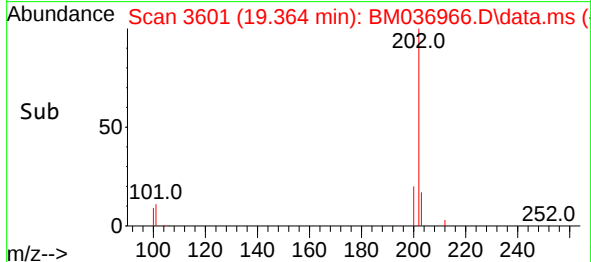
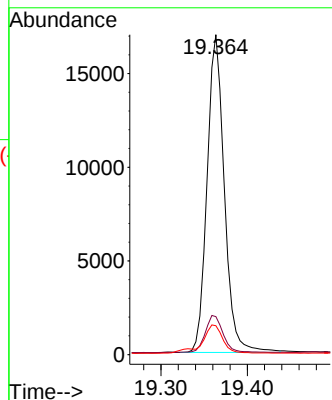
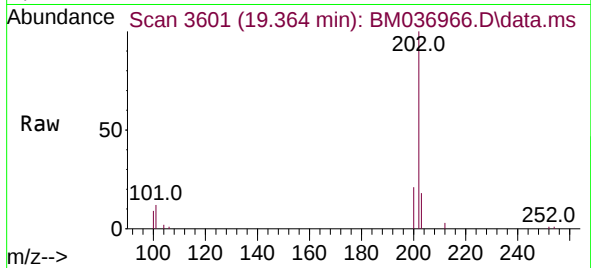




#19
Fluoranthene
Concen: 0.347 ng/ul
RT: 19.364 min Scan# 3601
Delta R.T. 0.000 min
Lab File: BM036966.D
Acq: 12 Oct 2022 04:23

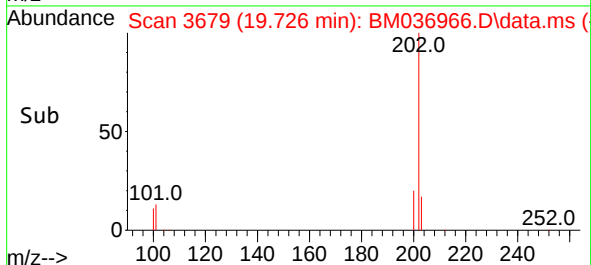
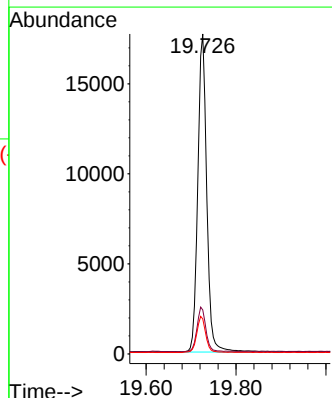
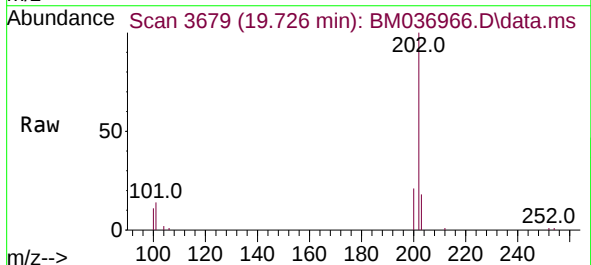
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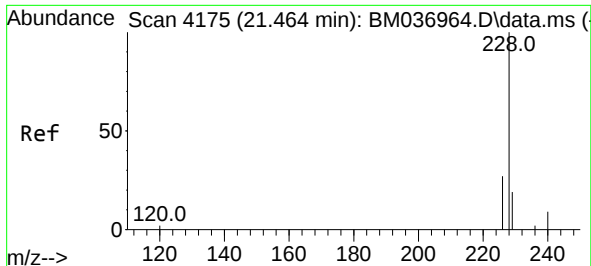
Tgt Ion:202 Resp: 23646
Ion Ratio Lower Upper
202 100
101 11.9 10.1 15.1
100 9.0 7.9 11.9



#20
Pyrene
Concen: 0.343 ng/ul
RT: 19.726 min Scan# 3679
Delta R.T. 0.000 min
Lab File: BM036966.D
Acq: 12 Oct 2022 04:23

Tgt Ion:202 Resp: 24417
Ion Ratio Lower Upper
202 100
101 13.7 12.0 18.0
100 10.9 9.8 14.6

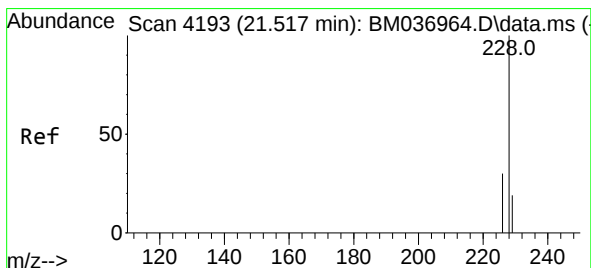
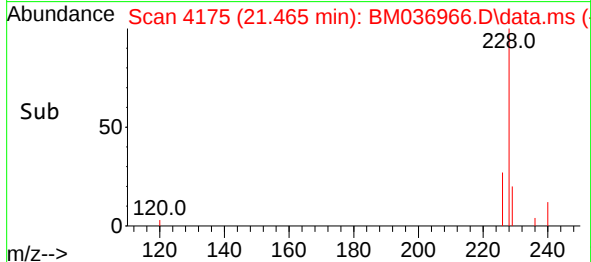
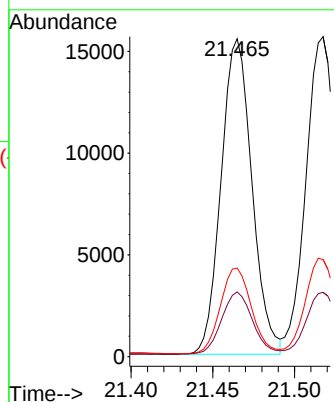
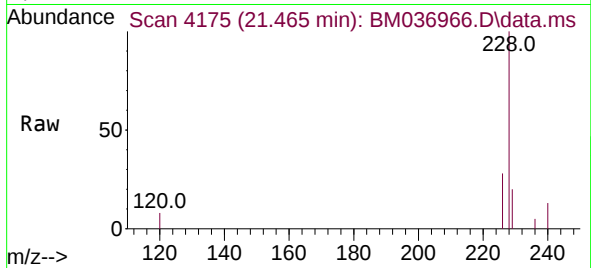




#21
Benzo(a)anthracene
Concen: 0.329 ng/ul
RT: 21.465 min Scan# 4175
Delta R.T. -0.003 min
Lab File: BM036966.D
Acq: 12 Oct 2022 04:23

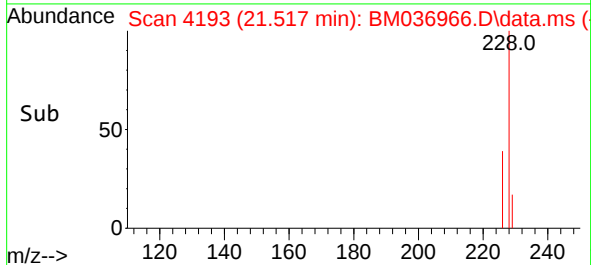
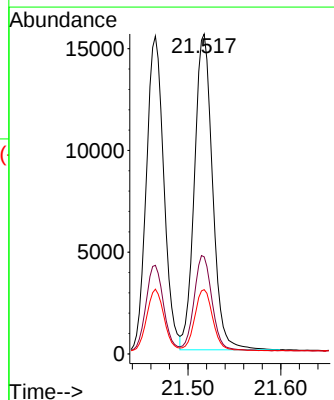
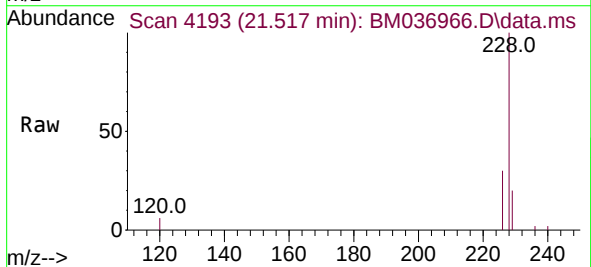
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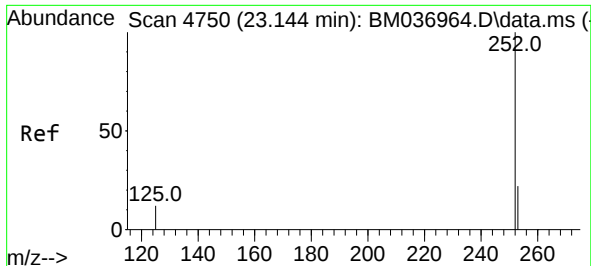
Tgt Ion:228 Resp: 20382
Ion Ratio Lower Upper
228 100
229 20.3 16.2 24.2
226 27.8 22.5 33.7



#22
Chrysene
Concen: 0.317 ng/ul
RT: 21.517 min Scan# 4193
Delta R.T. -0.003 min
Lab File: BM036966.D
Acq: 12 Oct 2022 04:23

Tgt Ion:228 Resp: 21047
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 20.1 16.4 24.6

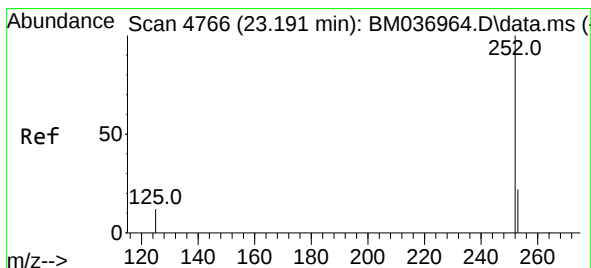
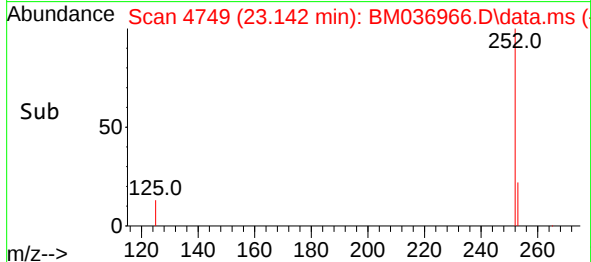
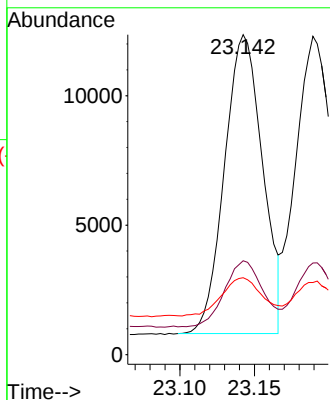
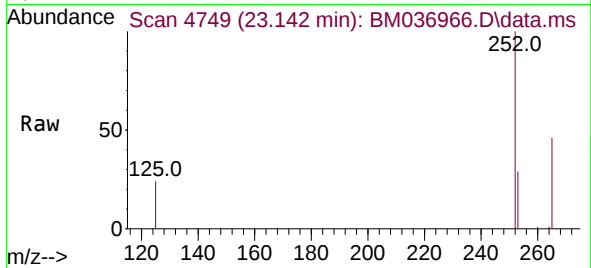




#24
Benzo(b)fluoranthene
Concen: 0.293 ng/ul
RT: 23.142 min Scan# 4750
Delta R.T. -0.003 min
Lab File: BM036966.D
Acq: 12 Oct 2022 04:23

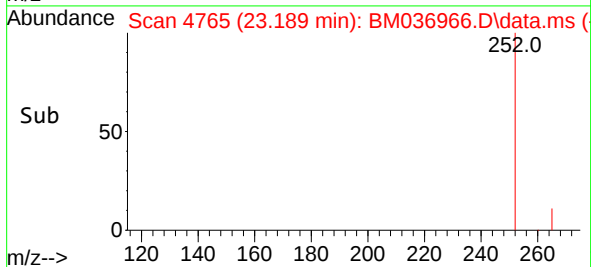
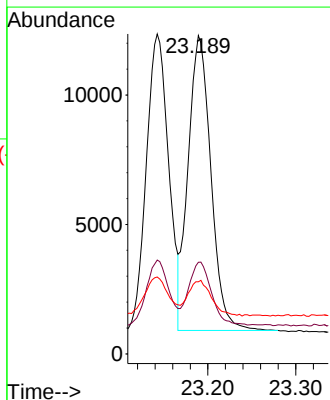
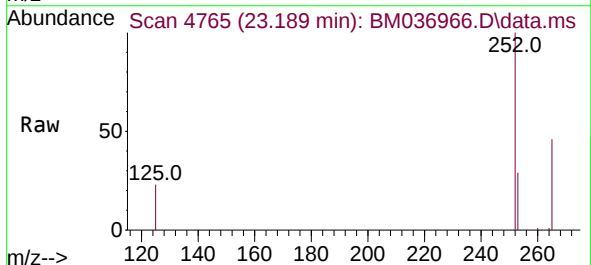
Instrument :
BNA_M
ClientSampleId :
SLCS212

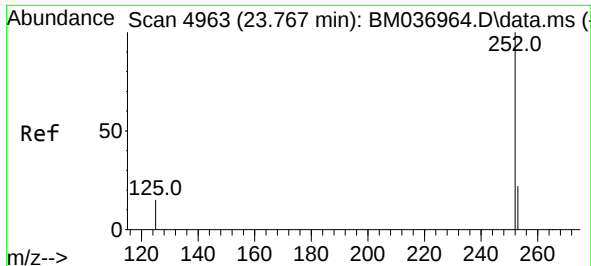
Tgt Ion:252 Resp: 20515
Ion Ratio Lower Upper
252 100
253 29.4 0.0 61.4
125 24.0 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.300 ng/ul
RT: 23.189 min Scan# 4765
Delta R.T. -0.006 min
Lab File: BM036966.D
Acq: 12 Oct 2022 04:23

Tgt Ion:252 Resp: 20511
Ion Ratio Lower Upper
252 100
253 28.8 25.2 37.8
125 22.7 18.3 27.5

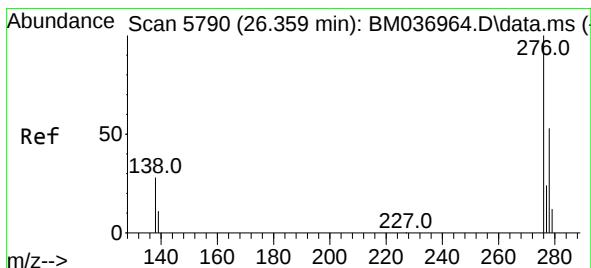
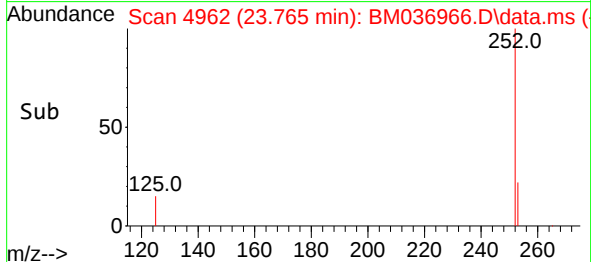
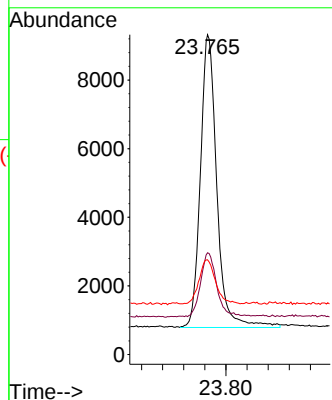
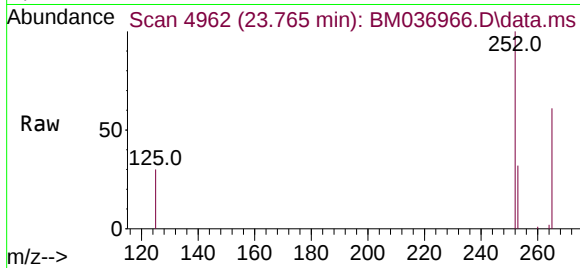




#26
Benzo(a)pyrene
Concen: 0.323 ng/ul
RT: 23.765 min Scan# 4962
Delta R.T. -0.006 min
Lab File: BM036966.D
Acq: 12 Oct 2022 04:23

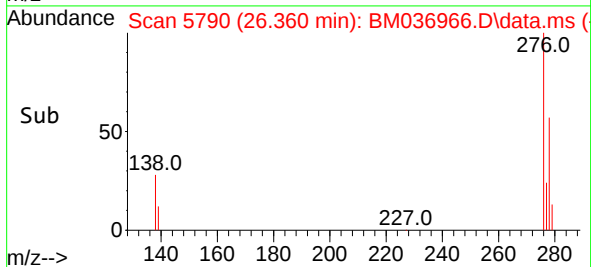
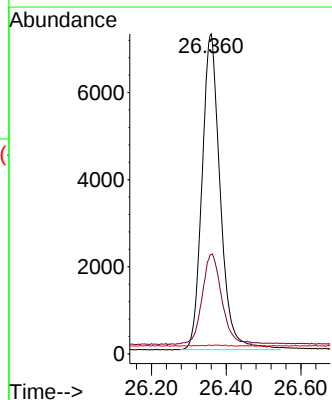
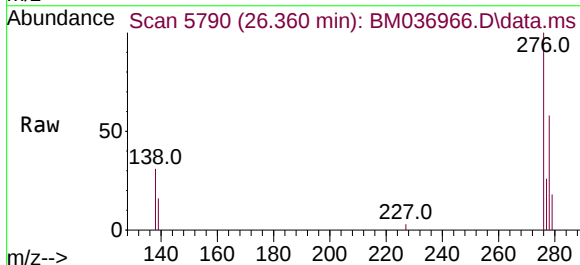
Instrument :
BNA_M
ClientSampleId :
SLCS212

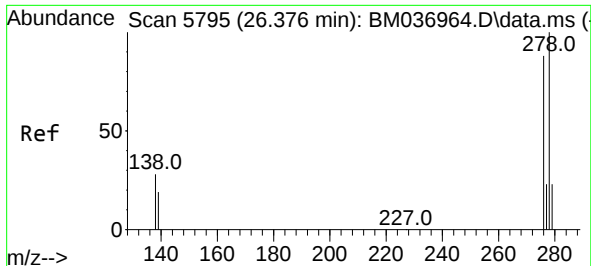
Tgt Ion:252	Resp:	18383
Ion Ratio	Lower	Upper
252	100	
253	31.8	29.7 44.5
125	29.6	23.6 35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.304 ng/ul
RT: 26.360 min Scan# 5790
Delta R.T. -0.003 min
Lab File: BM036966.D
Acq: 12 Oct 2022 04:23

Tgt Ion:276	Resp:	24525
Ion Ratio	Lower	Upper
276	100	
138	31.0	23.9 35.9
227	0.1	0.1 0.1

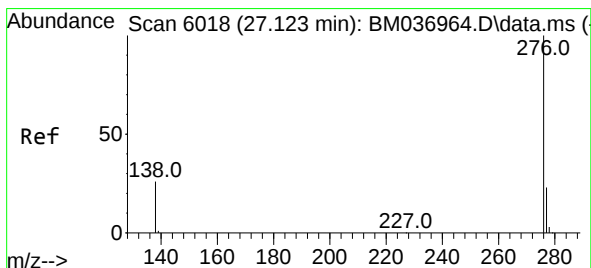
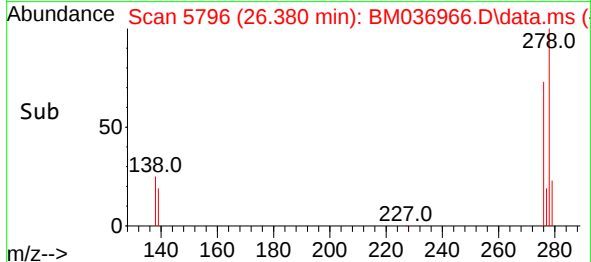
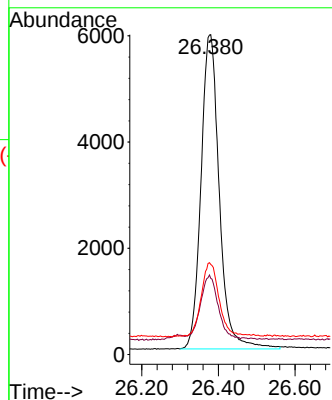
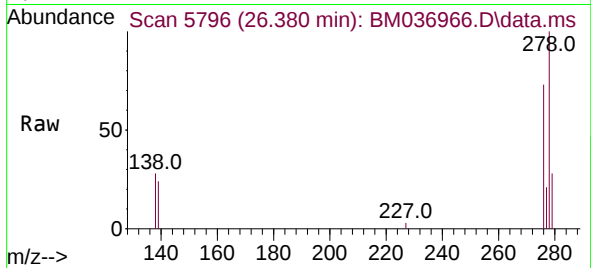




#28
Dibenzo(a,h)anthracene
Concen: 0.300 ng/ul
RT: 26.380 min Scan# 5796
Delta R.T. 0.000 min
Lab File: BM036966.D
Acq: 12 Oct 2022 04:23

Instrument :
BNA_M
ClientSampleId :
SLCS212

Tgt Ion:278 Resp: 19527
Ion Ratio Lower Upper
278 100
139 23.8 19.8 29.6
279 28.2 27.7 41.5



#29
Benzo(g,h,i)perylene
Concen: 0.295 ng/ul
RT: 27.124 min Scan# 6018
Delta R.T. -0.003 min
Lab File: BM036966.D
Acq: 12 Oct 2022 04:23

Tgt Ion:276 Resp: 20973
Ion Ratio Lower Upper
276 100
138 29.2 23.4 35.0
277 25.6 21.0 31.4

