

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036994.D
 Acq On : 12 Oct 2022 21:57
 Operator : CG/JU
 Sample : PB148214BS
 Misc :
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS214

Quant Time: Oct 12 23:13:42 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)

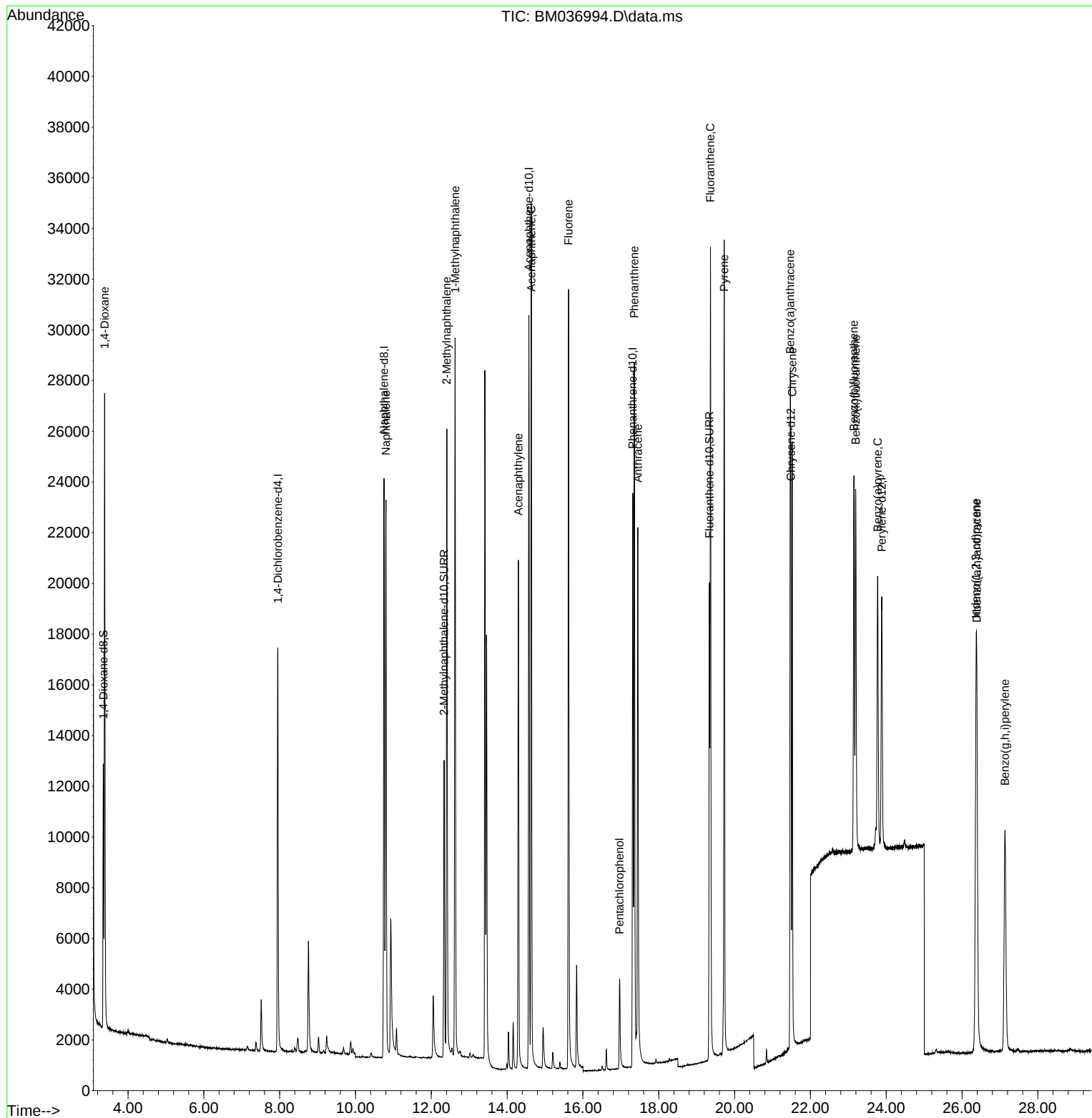
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	8774	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	32085	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.575	164	16769	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	29332	0.400	ng/ul	0.00
17) Chrysene-d12	21.485	240	16111	0.400	ng/ul	0.00
23) Perylene-d12	23.882	264	14227	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	6500	0.525	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	16281	0.336	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	21445	0.445	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.382	88	16490	1.363	ng/ul#	77
5) Naphthalene	10.803	128	30366	0.331	ng/ul	96
7) 2-Methylnaphthalene	12.409	142	18796	0.335	ng/ul	91
8) 1-Methylnaphthalene	12.629	142	20005	0.351	ng/ul	99
10) Acenaphthylene	14.297	152	24484	0.351	ng/ul	98
11) Acenaphthene	14.635	153	19822	0.328	ng/ul	100
12) Fluorene	15.620	166	20916	0.305	ng/ul	100
14) Pentachlorophenol	16.967	266	2988	0.421	ng/ul	97
15) Phenanthrene	17.355	178	30419	0.325	ng/ul	99
16) Anthracene	17.448	178	26461	0.338	ng/ul	98
19) Fluoranthene	19.363	202	27793	0.434	ng/ul	99
20) Pyrene	19.726	202	27769	0.416	ng/ul	99
21) Benzo(a)anthracene	21.468	228	20361	0.350	ng/ul	99
22) Chrysene	21.520	228	20658	0.331	ng/ul	99
24) Benzo(b)fluoranthene	23.148	252	19463	0.306	ng/ul	96
25) Benzo(k)fluoranthene	23.195	252	19395	0.313	ng/ul	96
26) Benzo(a)pyrene	23.774	252	17179	0.333	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.370	276	23427	0.321	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.390	278	18560	0.314	ng/ul	95
29) Benzo(g,h,i)perylene	27.134	276	20114	0.312	ng/ul	99

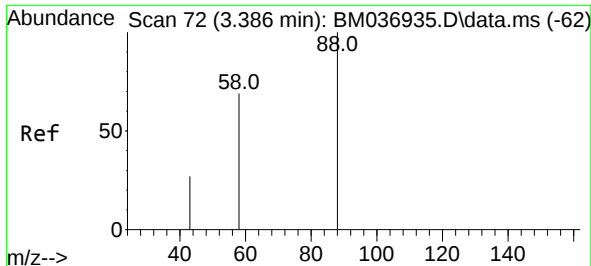
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2
1,4-Dioxane

Concen: 1.363 ng/ul

RT: 3.382 min Scan# 71

Delta R.T. -0.004 min

Lab File: BM036994.D

Acq: 12 Oct 2022 21:57

Instrument :

BNA_M

ClientSampleId :

SLCS214

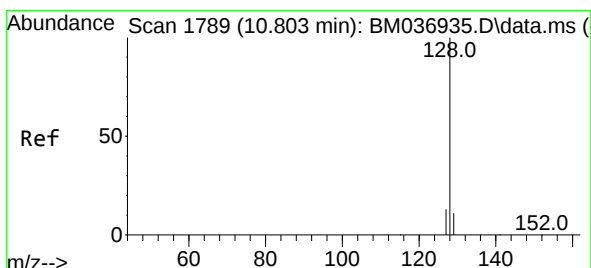
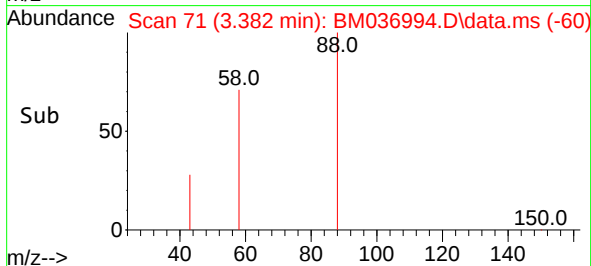
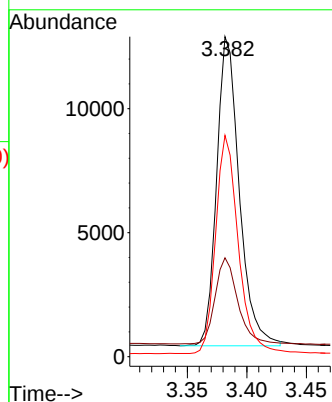
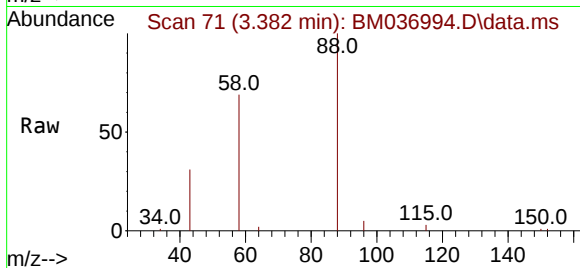
Tgt Ion: 88 Resp: 16490

Ion Ratio Lower Upper

88 100

43 30.9 37.8 56.6#

58 69.1 42.6 63.8#



#5

Naphthalene

Concen: 0.331 ng/ul

RT: 10.803 min Scan# 1789

Delta R.T. -0.000 min

Lab File: BM036994.D

Acq: 12 Oct 2022 21:57

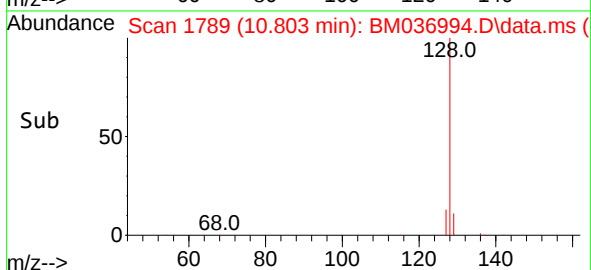
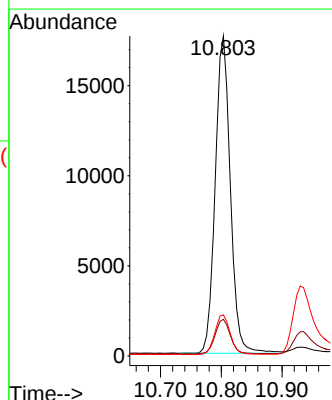
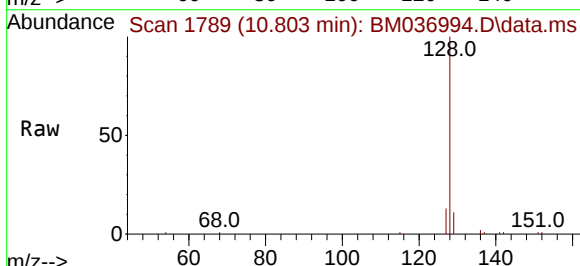
Tgt Ion: 128 Resp: 30366

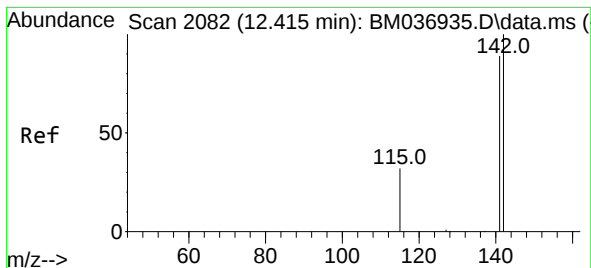
Ion Ratio Lower Upper

128 100

129 11.5 10.2 15.2

127 12.9 11.7 17.5





#7

2-Methylnaphthalene

Concen: 0.335 ng/ul

RT: 12.409 min Scan# 2081

Delta R.T. -0.006 min

Lab File: BM036994.D

Acq: 12 Oct 2022 21:57

Instrument :

BNA_M

ClientSampleId :

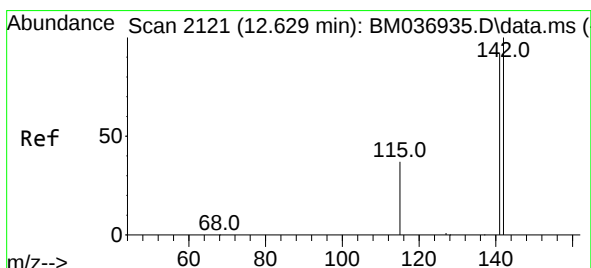
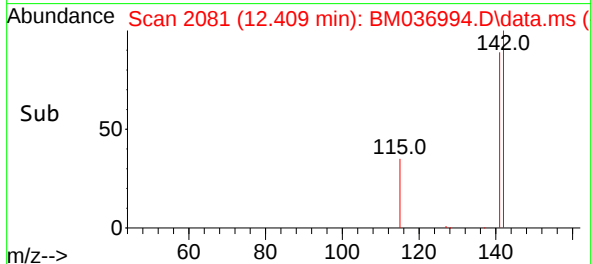
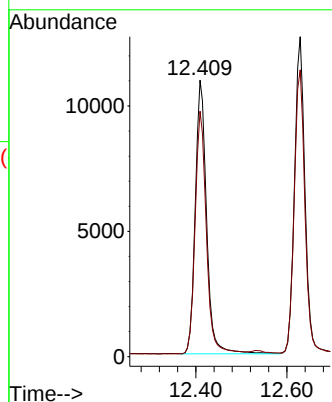
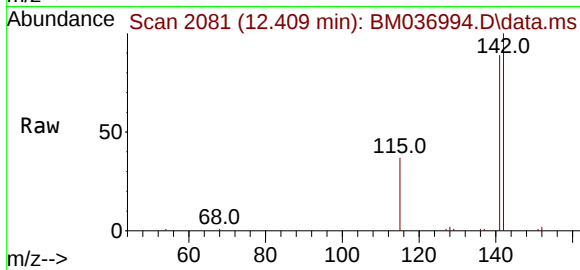
SLCS214

Tgt Ion:142 Resp: 18796

Ion Ratio Lower Upper

142 100

141 88.4 77.4 116.0



#8

1-Methylnaphthalene

Concen: 0.351 ng/ul

RT: 12.629 min Scan# 2121

Delta R.T. -0.000 min

Lab File: BM036994.D

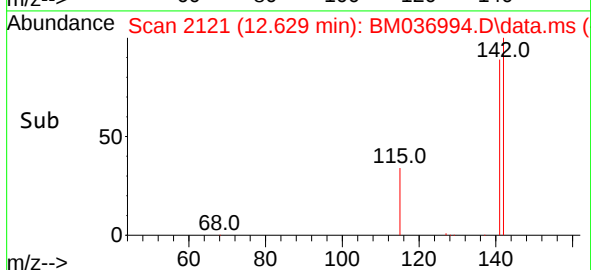
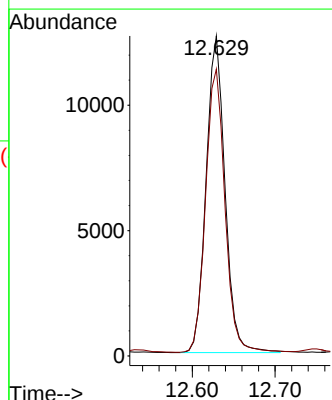
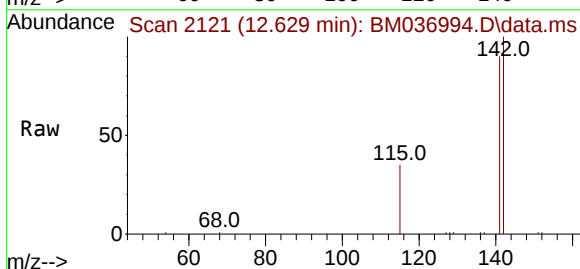
Acq: 12 Oct 2022 21:57

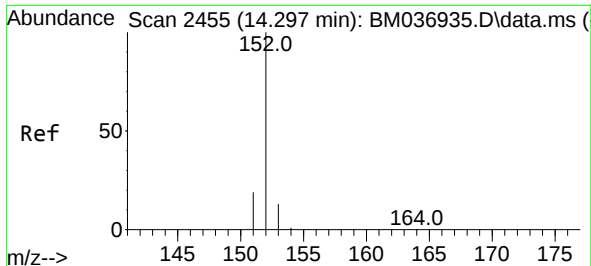
Tgt Ion:142 Resp: 20005

Ion Ratio Lower Upper

142 100

141 91.5 74.1 111.1

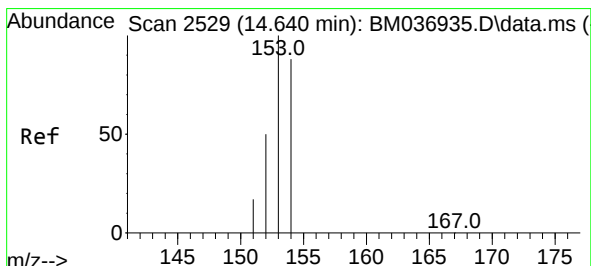
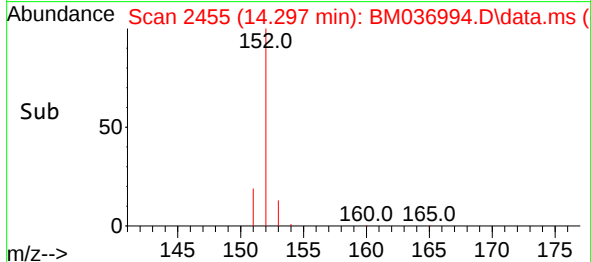
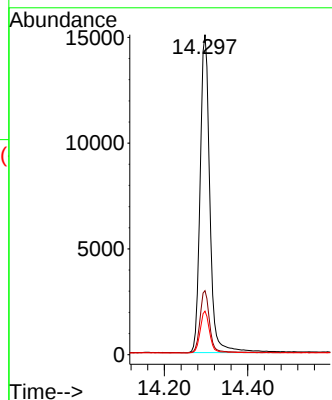
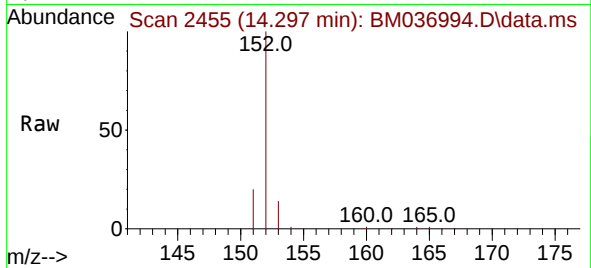




#10
Acenaphthylene
Concen: 0.351 ng/ul
RT: 14.297 min Scan# 2455
Delta R.T. -0.000 min
Lab File: BM036994.D
Acq: 12 Oct 2022 21:57

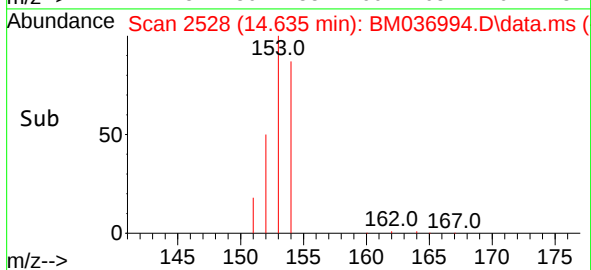
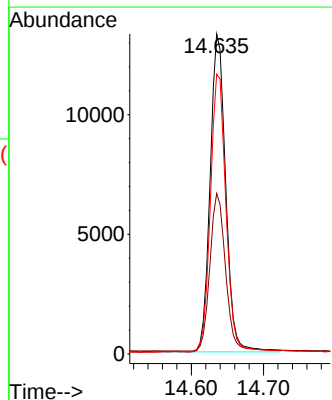
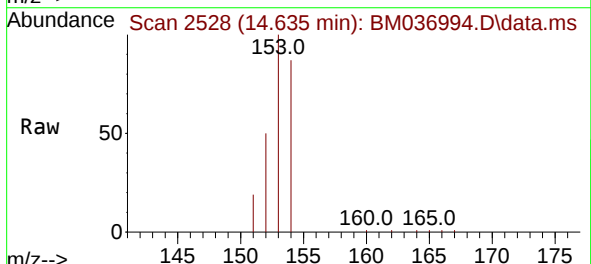
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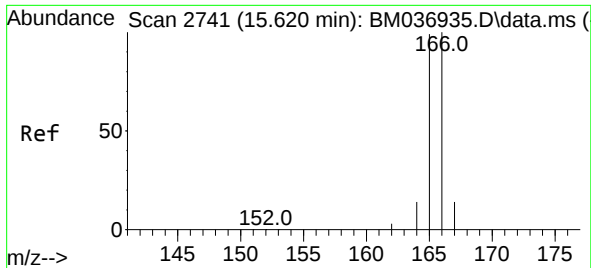
Tgt Ion:152 Resp: 24484
Ion Ratio Lower Upper
152 100
151 20.0 16.6 24.8
153 13.6 11.4 17.0



#11
Acenaphthene
Concen: 0.328 ng/ul
RT: 14.635 min Scan# 2528
Delta R.T. -0.005 min
Lab File: BM036994.D
Acq: 12 Oct 2022 21:57

Tgt Ion:153 Resp: 19822
Ion Ratio Lower Upper
153 100
152 50.1 40.2 60.4
154 87.4 69.7 104.5

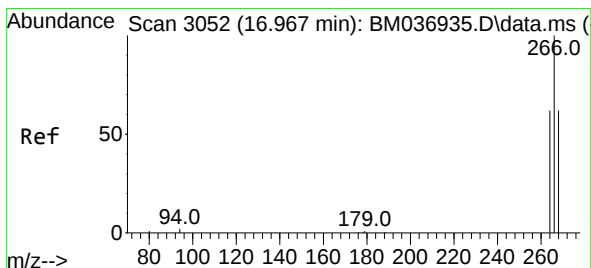
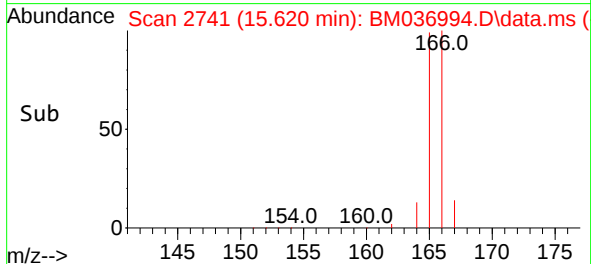
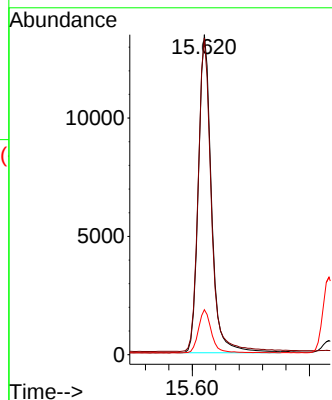
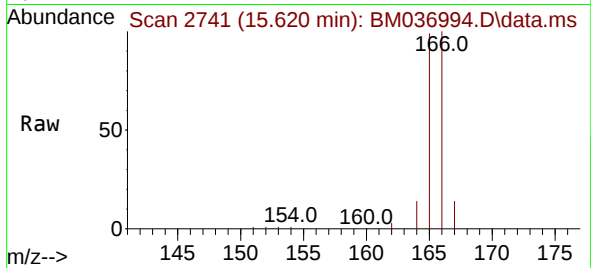




#12
Fluorene
Concen: 0.305 ng/ul
RT: 15.620 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM036994.D
Acq: 12 Oct 2022 21:57

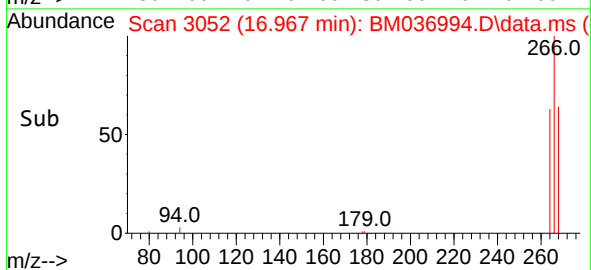
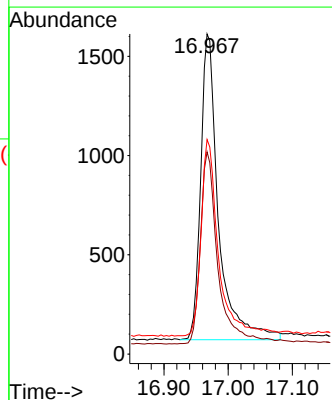
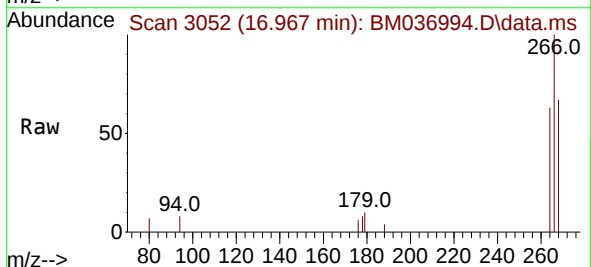
Instrument :
BNA_M
ClientSampleId :
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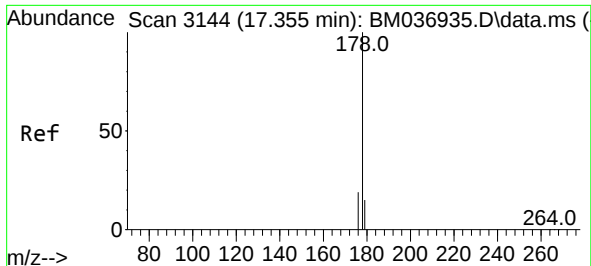
Tgt Ion:166 Resp: 20916
Ion Ratio Lower Upper
166 100
165 98.9 78.9 118.3
167 14.1 11.3 16.9



#14
Pentachlorophenol
Concen: 0.421 ng/ul
RT: 16.967 min Scan# 3052
Delta R.T. -0.000 min
Lab File: BM036994.D
Acq: 12 Oct 2022 21:57

Tgt Ion:266 Resp: 2988
Ion Ratio Lower Upper
266 100
264 62.3 50.3 75.5
268 63.0 53.5 80.3

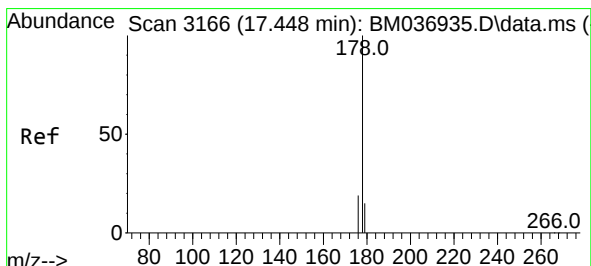
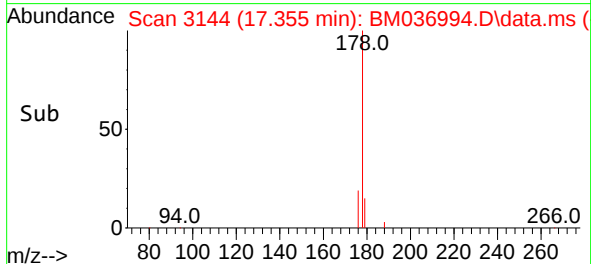
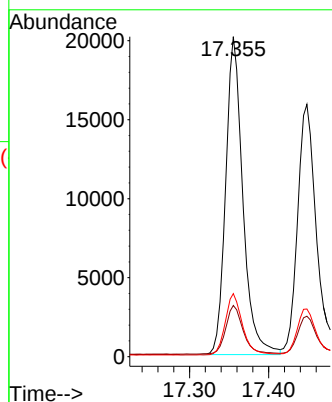
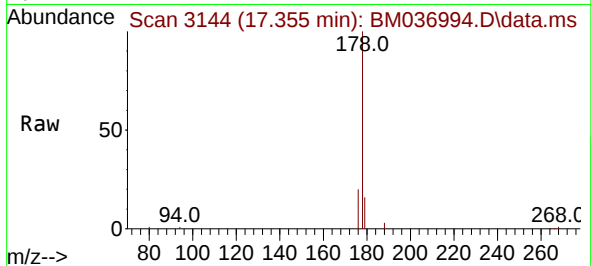




#15
Phenanthrene
Concen: 0.325 ng/ul
RT: 17.355 min Scan# 3144
Delta R.T. -0.000 min
Lab File: BM036994.D
Acq: 12 Oct 2022 21:57

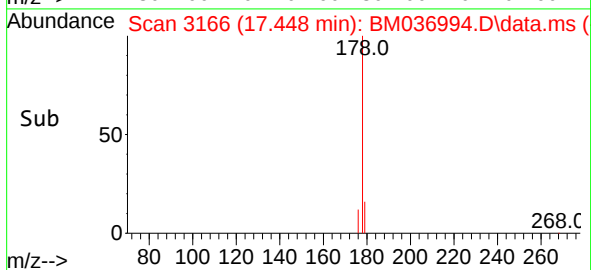
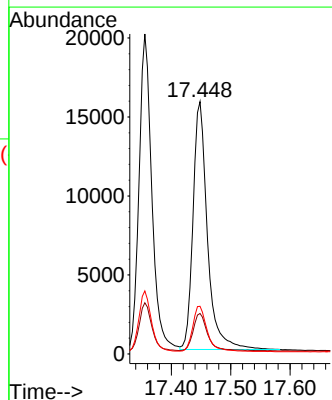
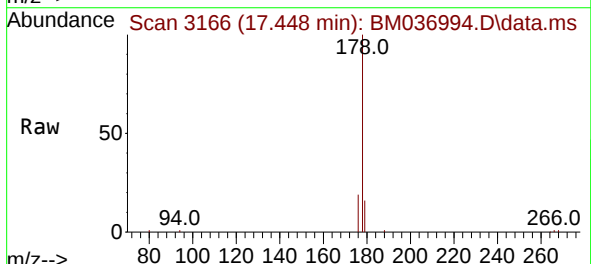
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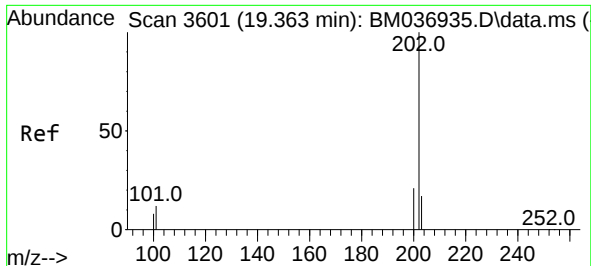
Tgt Ion:178 Resp: 30419
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.6
176 19.7 15.6 23.4



#16
Anthracene
Concen: 0.338 ng/ul
RT: 17.448 min Scan# 3166
Delta R.T. -0.000 min
Lab File: BM036994.D
Acq: 12 Oct 2022 21:57

Tgt Ion:178 Resp: 26461
Ion Ratio Lower Upper
178 100
179 16.0 13.6 20.4
176 18.9 15.6 23.4

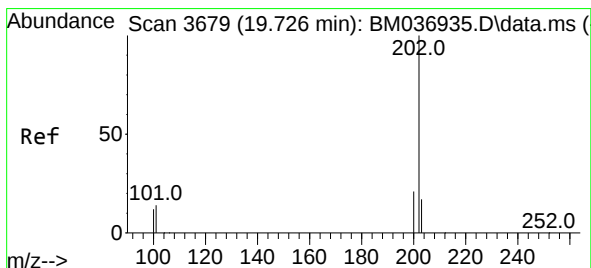
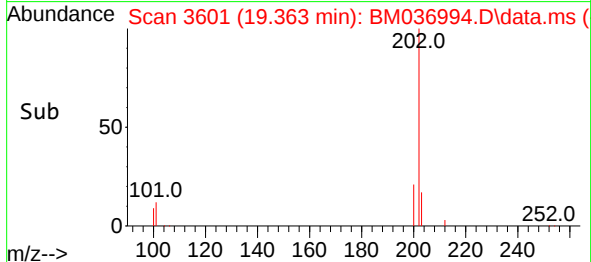
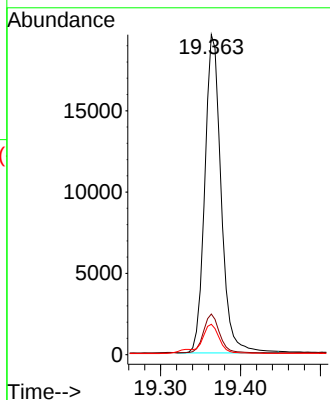
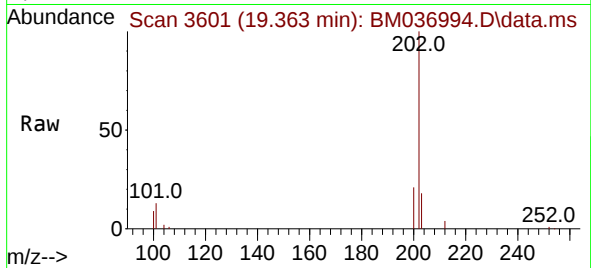




#19
Fluoranthene
Concen: 0.434 ng/ul
RT: 19.363 min Scan# 3601
Delta R.T. -0.000 min
Lab File: BM036994.D
Acq: 12 Oct 2022 21:57

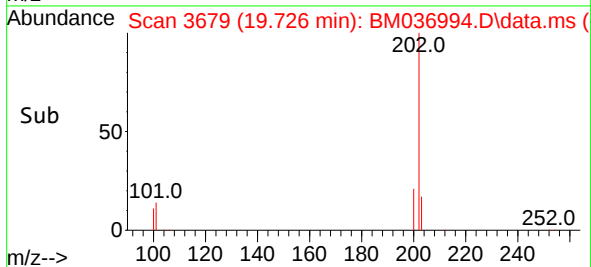
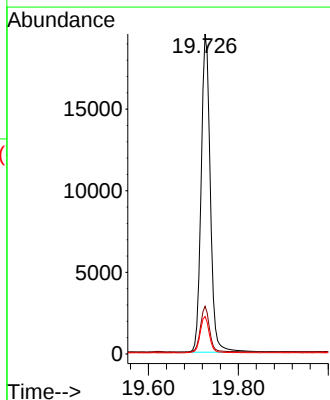
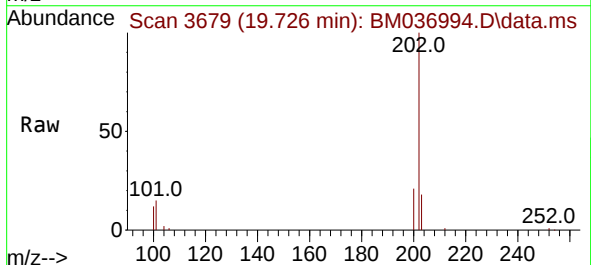
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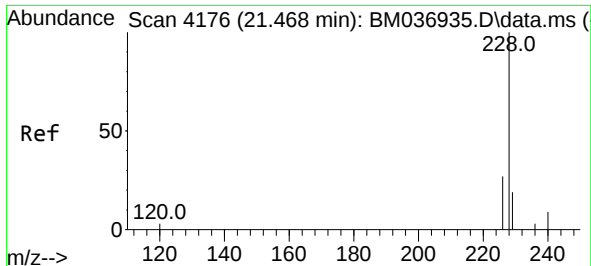
Tgt Ion:202 Resp: 27793
Ion Ratio Lower Upper
202 100
101 12.7 10.1 15.1
100 9.5 7.9 11.9



#20
Pyrene
Concen: 0.416 ng/ul
RT: 19.726 min Scan# 3679
Delta R.T. -0.000 min
Lab File: BM036994.D
Acq: 12 Oct 2022 21:57

Tgt Ion:202 Resp: 27769
Ion Ratio Lower Upper
202 100
101 14.9 12.0 18.0
100 11.7 9.8 14.6

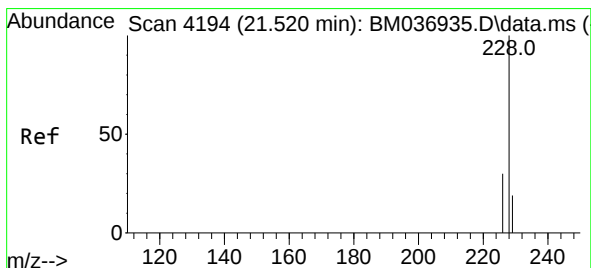
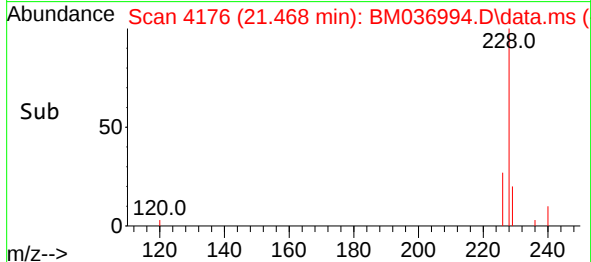
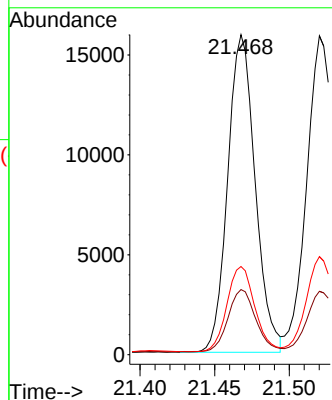
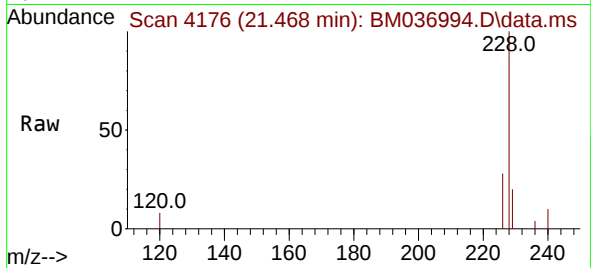




#21
Benzo(a)anthracene
Concen: 0.350 ng/ul
RT: 21.468 min Scan# 4176
Delta R.T. -0.000 min
Lab File: BM036994.D
Acq: 12 Oct 2022 21:57

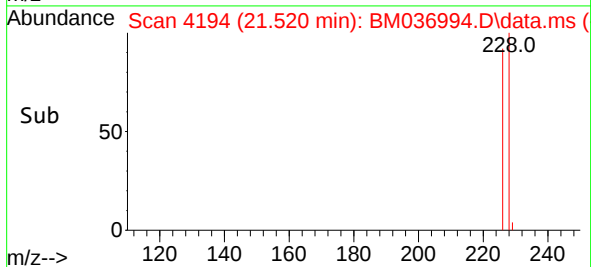
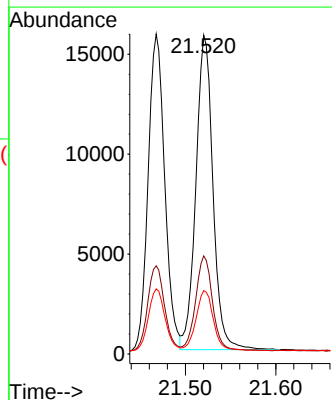
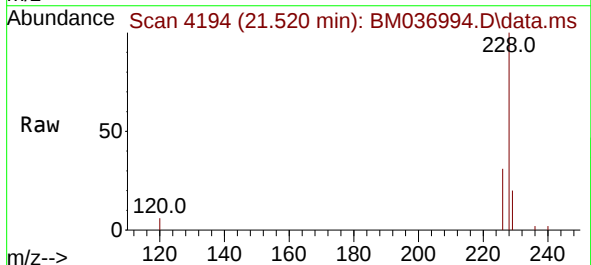
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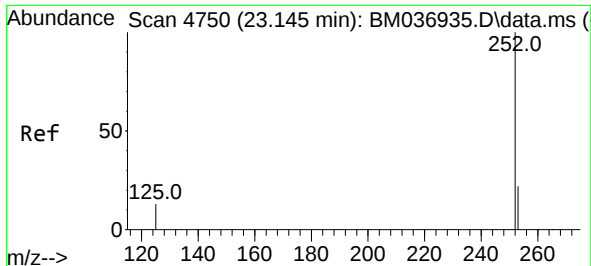
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Ion Ratio Lower Upper
228 100
229 20.3 16.2 24.2
226 27.6 22.5 33.7



#22
Chrysene
Concen: 0.331 ng/ul
RT: 21.520 min Scan# 4194
Delta R.T. -0.000 min
Lab File: BM036994.D
Acq: 12 Oct 2022 21:57

Tgt Ion:228 Resp: 20658
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 19.9 16.4 24.6

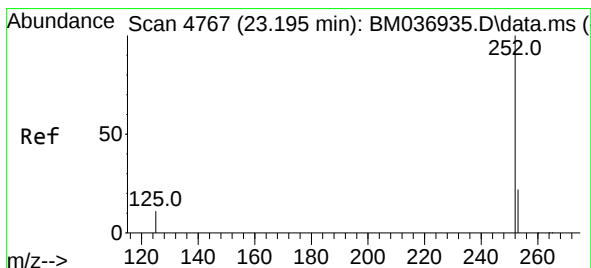
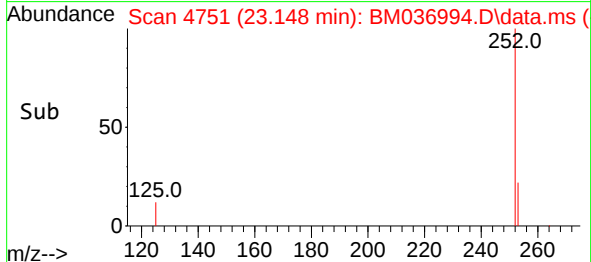
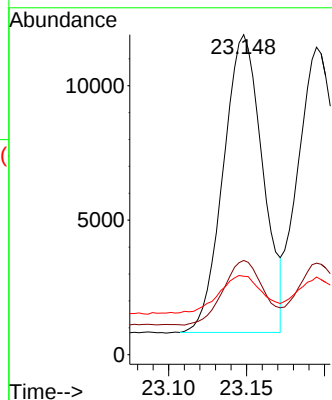
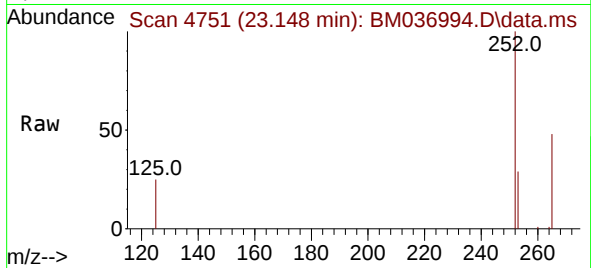




#24
Benzo(b)fluoranthene
Concen: 0.306 ng/ul
RT: 23.148 min Scan# 4751
Delta R.T. 0.003 min
Lab File: BM036994.D
Acq: 12 Oct 2022 21:57

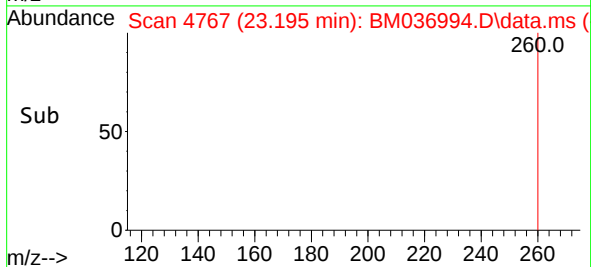
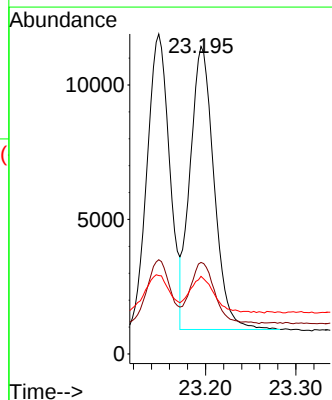
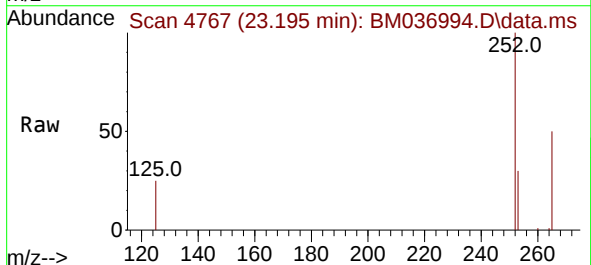
Instrument :
BNA_M
ClientSampleId :
SLCS214

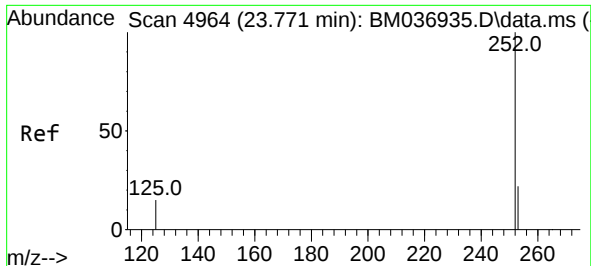
Tgt Ion:252 Resp: 19463
Ion Ratio Lower Upper
252 100
253 29.4 0.0 61.4
125 24.5 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.313 ng/ul
RT: 23.195 min Scan# 4767
Delta R.T. -0.000 min
Lab File: BM036994.D
Acq: 12 Oct 2022 21:57

Tgt Ion:252 Resp: 19395
Ion Ratio Lower Upper
252 100
253 29.8 25.2 37.8
125 25.2 18.3 27.5

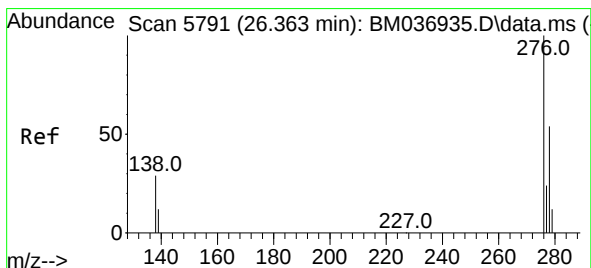
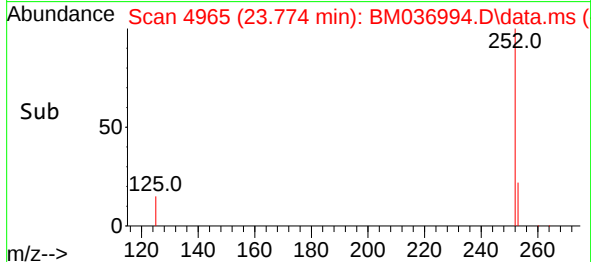
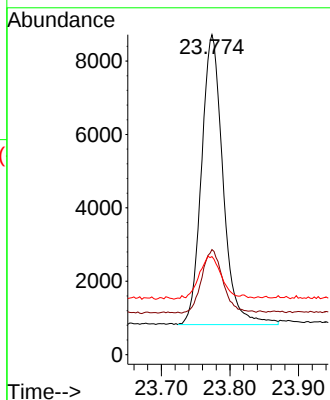
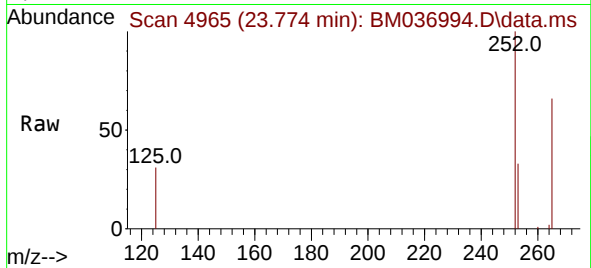




#26
Benzo(a)pyrene
Concen: 0.333 ng/ul
RT: 23.774 min Scan# 4964
Delta R.T. 0.003 min
Lab File: BM036994.D
Acq: 12 Oct 2022 21:57

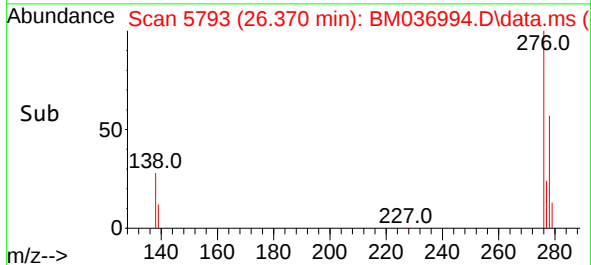
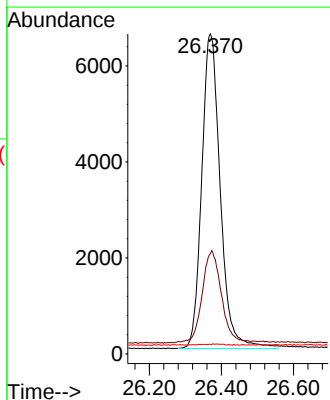
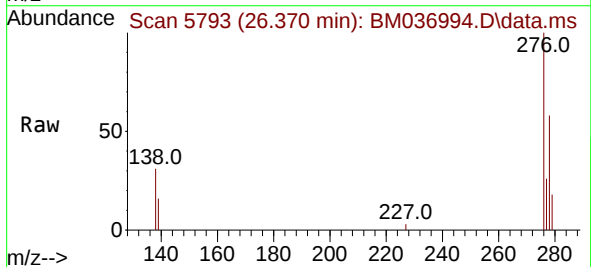
Instrument :
BNA_M
ClientSampleId :
SLCS214

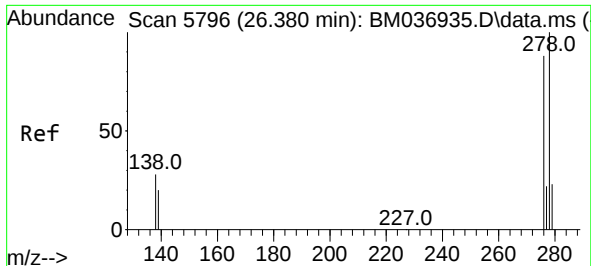
Tgt Ion:	252	Resp:	17179
Ion Ratio	Lower	Upper	
252	100		
253	32.9	29.7	44.5
125	30.7	23.6	35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.321 ng/ul
RT: 26.370 min Scan# 5793
Delta R.T. 0.007 min
Lab File: BM036994.D
Acq: 12 Oct 2022 21:57

Tgt Ion:	276	Resp:	23427
Ion Ratio	Lower	Upper	
276	100		
138	29.6	23.9	35.9
227	0.2	0.1	0.1

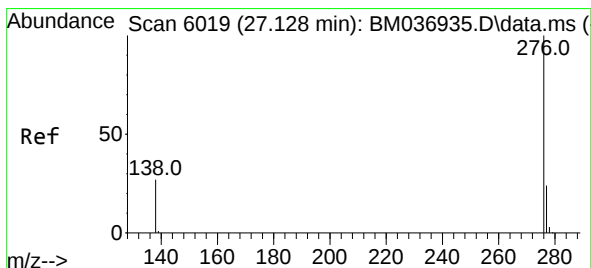
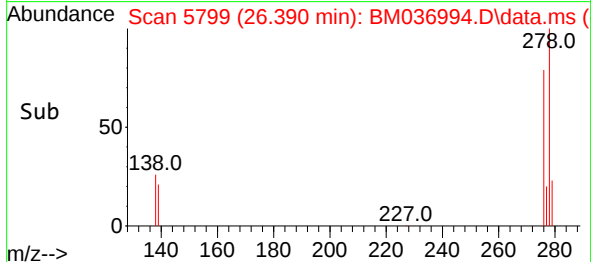
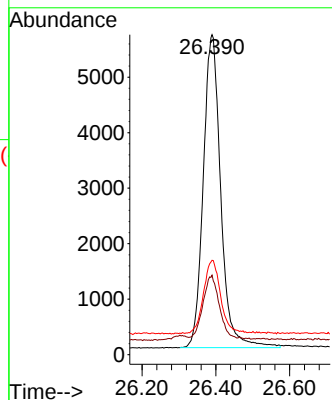
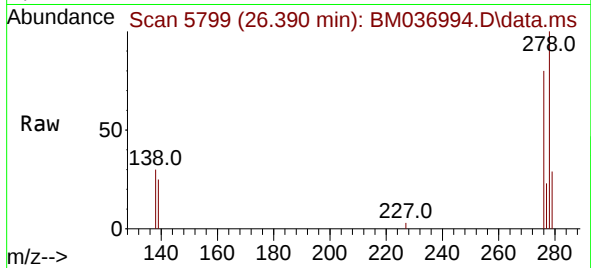




#28
Dibenzo(a,h)anthracene
Concen: 0.314 ng/ul
RT: 26.390 min Scan# 51
Delta R.T. 0.010 min
Lab File: BM036994.D
Acq: 12 Oct 2022 21:57

Instrument :
BNA_M
ClientSampleId :
SLCS214

Tgt Ion:278 Resp: 18560
Ion Ratio Lower Upper
278 100
139 24.9 19.8 29.6
279 29.5 27.7 41.5



#29
Benzo(g,h,i)perylene
Concen: 0.312 ng/ul
RT: 27.134 min Scan# 6021
Delta R.T. 0.007 min
Lab File: BM036994.D
Acq: 12 Oct 2022 21:57

Tgt Ion:276 Resp: 20114
Ion Ratio Lower Upper
276 100
138 30.2 23.4 35.0
277 26.0 21.0 31.4

