

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036995.D
 Acq On : 12 Oct 2022 22:33
 Operator : CG/JU
 Sample : PB148216BS
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS216

Quant Time: Oct 13 01:32:25 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)

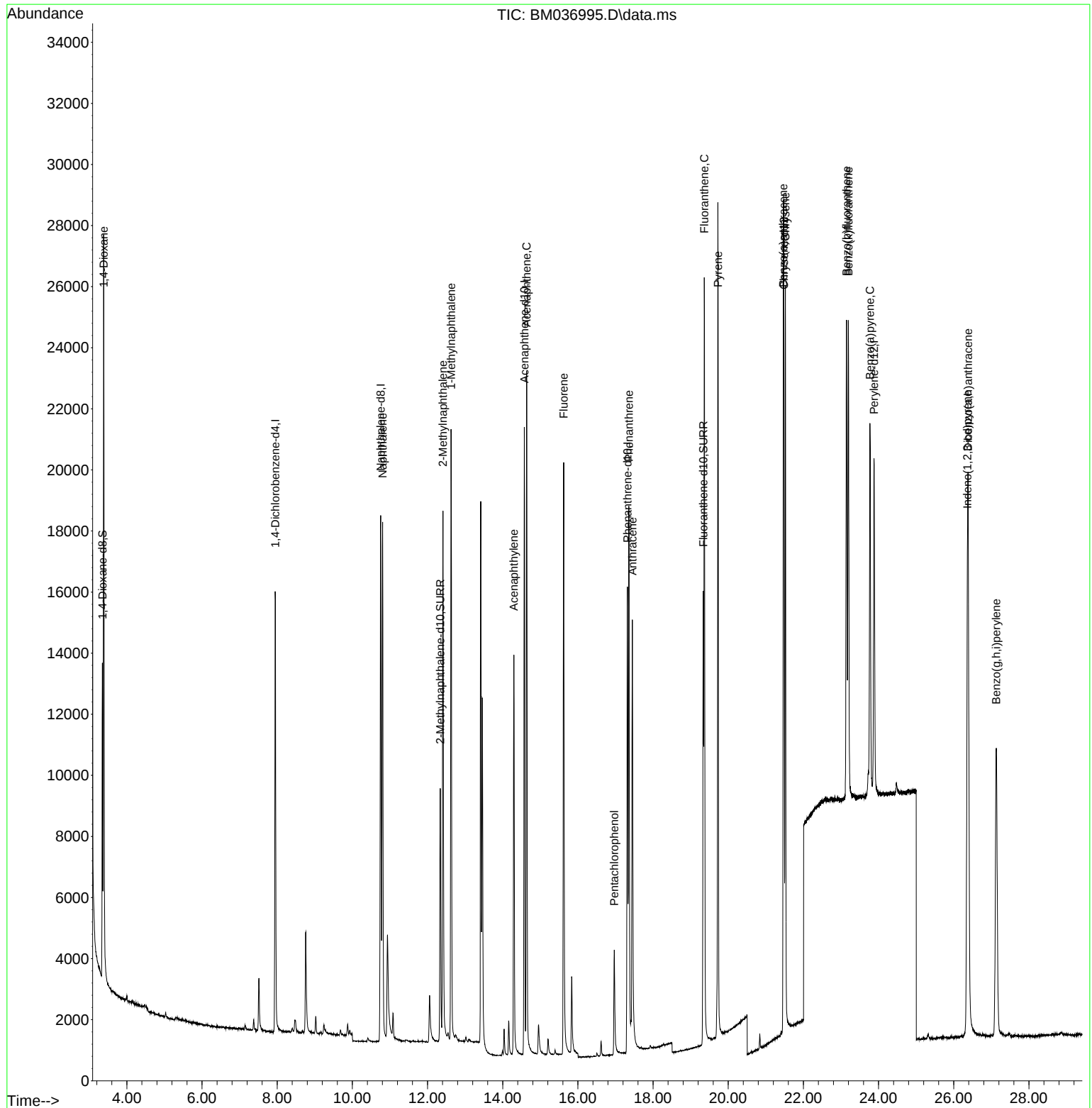
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	7776	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	24901	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.575	164	11366	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.318	188	20151	0.400	ng/ul	0.00
17) Chrysene-d12	21.482	240	16487	0.400	ng/ul	0.00
23) Perylene-d12	23.879	264	15515	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	6210	0.566	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	11857	0.315	ng/ul	0.00
18) Fluoranthene-d10	19.335	212	17077	0.346	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.382	88	15246	1.422	ng/ul#	78
5) Naphthalene	10.804	128	23445	0.329	ng/ul	97
7) 2-Methylnaphthalene	12.409	142	13568	0.312	ng/ul	91
8) 1-Methylnaphthalene	12.629	142	14345	0.324	ng/ul	100
10) Acenaphthylene	14.298	152	16682	0.353	ng/ul	99
11) Acenaphthene	14.635	153	13479	0.329	ng/ul	100
12) Fluorene	15.621	166	13965	0.301	ng/ul	98
14) Pentachlorophenol	16.967	266	2984	0.612	ng/ul	98
15) Phenanthrene	17.356	178	20780	0.323	ng/ul	99
16) Anthracene	17.448	178	18548	0.345	ng/ul	100
19) Fluoranthene	19.363	202	22301	0.340	ng/ul	100
20) Pyrene	19.726	202	23443	0.343	ng/ul	99
21) Benzo(a)anthracene	21.467	228	20880	0.351	ng/ul	100
22) Chrysene	21.520	228	21249	0.332	ng/ul	99
24) Benzo(b)fluoranthene	23.148	252	21023	0.303	ng/ul	97
25) Benzo(k)fluoranthene	23.195	252	21152	0.313	ng/ul	96
26) Benzo(a)pyrene	23.771	252	18951	0.337	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.363	276	25370	0.318	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.383	278	20207	0.314	ng/ul	93
29) Benzo(g,h,i)perylene	27.131	276	21678	0.309	ng/ul	100

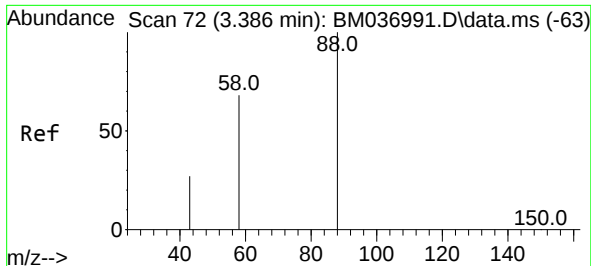
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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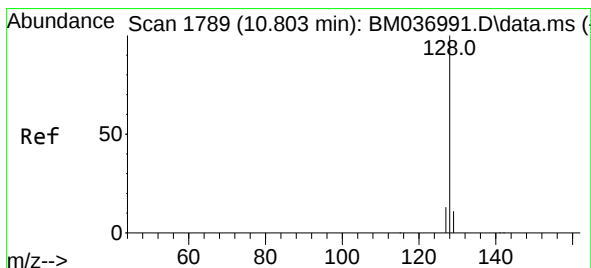
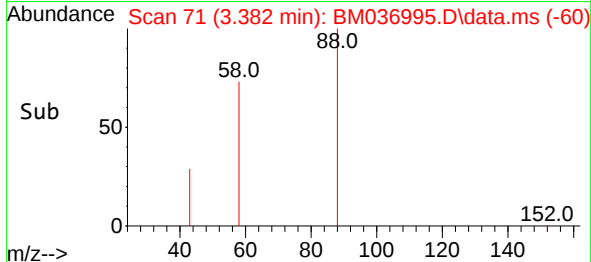
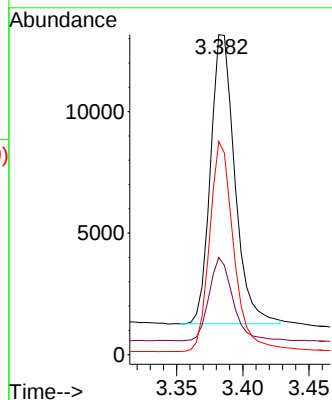
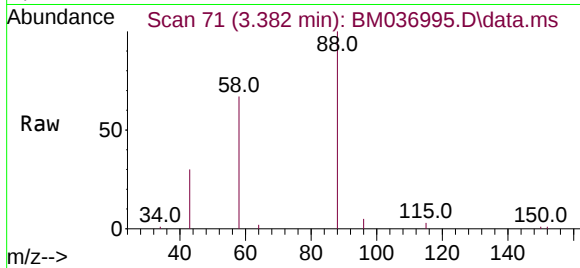




#2
1,4-Dioxane
Concen: 1.422 ng/ul
RT: 3.382 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM036995.D
Acq: 12 Oct 2022 22:33

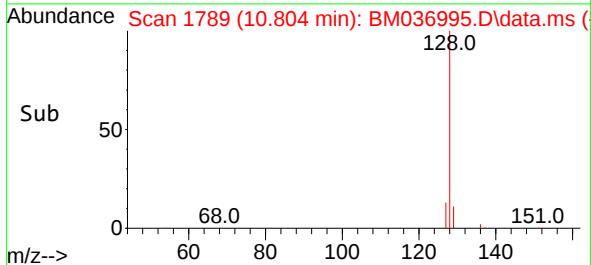
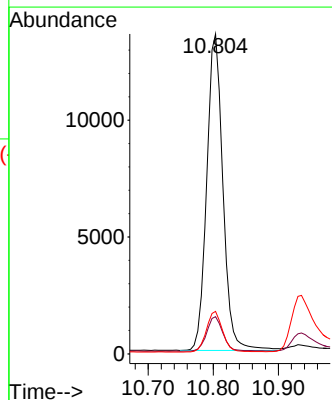
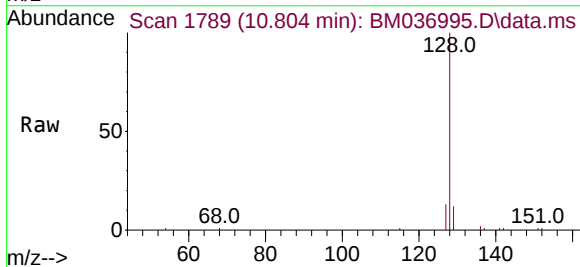
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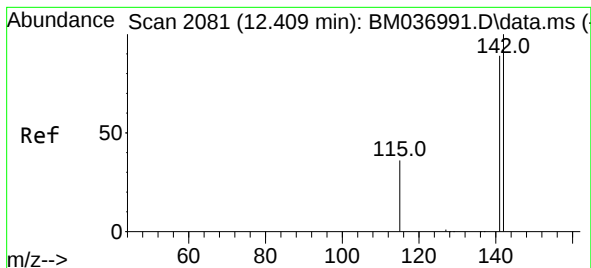
Tgt Ion: 88 Resp: 15246
Ion Ratio Lower Upper
88 100
43 30.4 37.8 56.6#
58 66.6 42.6 63.8#



#5
Naphthalene
Concen: 0.329 ng/ul
RT: 10.804 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BM036995.D
Acq: 12 Oct 2022 22:33

Tgt Ion: 128 Resp: 23445
Ion Ratio Lower Upper
128 100
129 11.6 10.2 15.2
127 13.3 11.7 17.5

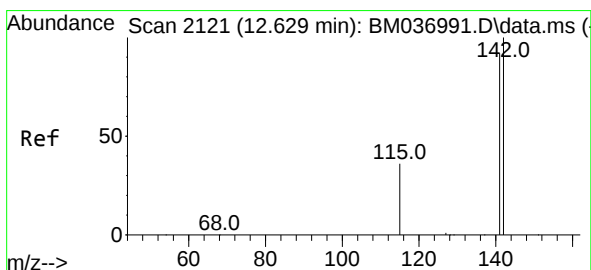
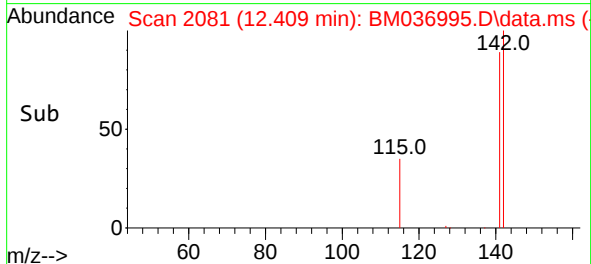
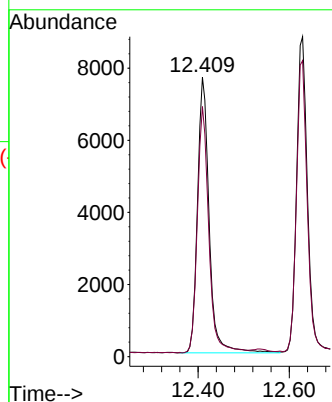
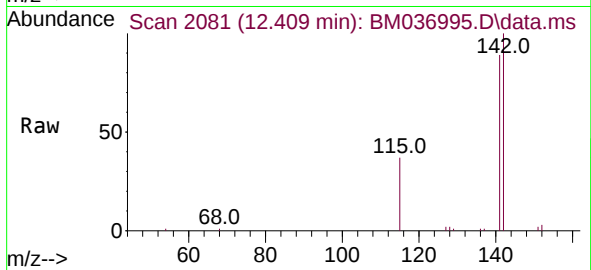




#7
2-Methylnaphthalene
Concen: 0.312 ng/ul
RT: 12.409 min Scan# 2081
Delta R.T. -0.005 min
Lab File: BM036995.D
Acq: 12 Oct 2022 22:33

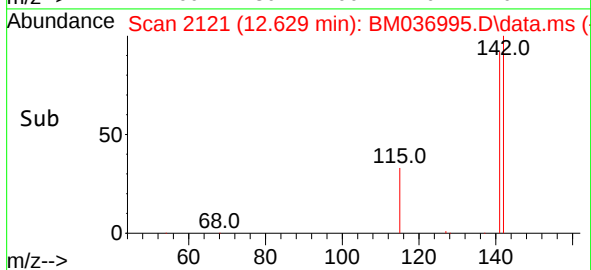
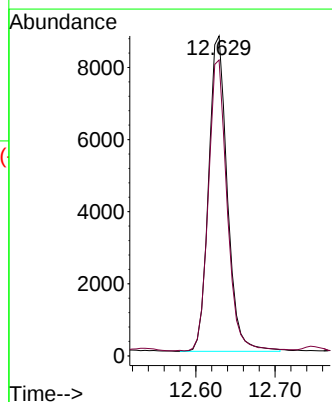
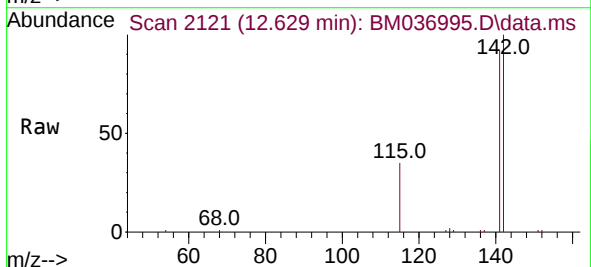
Instrument :
BNA_M
ClientSampleId :
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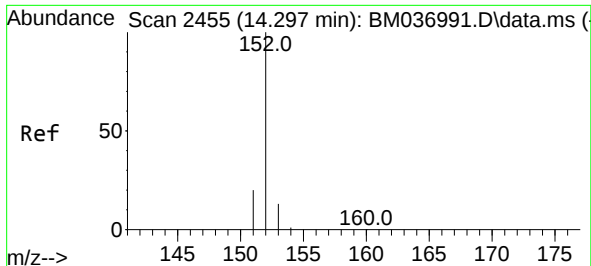
Tgt Ion:142 Resp: 13568
Ion Ratio Lower Upper
142 100
141 88.1 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.324 ng/ul
RT: 12.629 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM036995.D
Acq: 12 Oct 2022 22:33

Tgt Ion:142 Resp: 14345
Ion Ratio Lower Upper
142 100
141 92.4 74.1 111.1

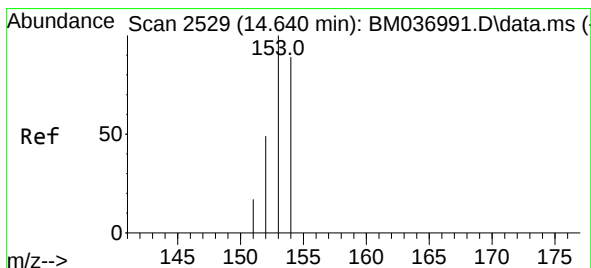
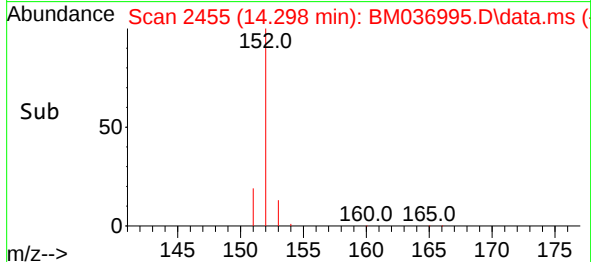
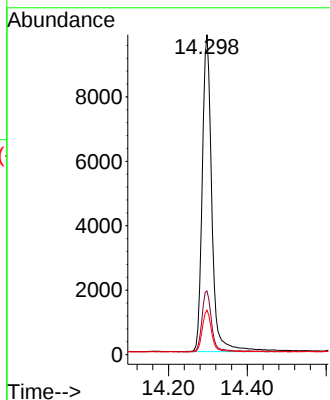
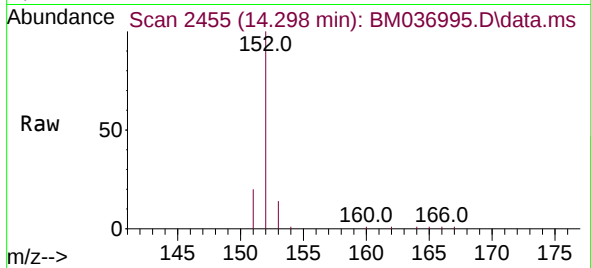




#10
Acenaphthylene
Concen: 0.353 ng/ul
RT: 14.298 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BM036995.D
Acq: 12 Oct 2022 22:33

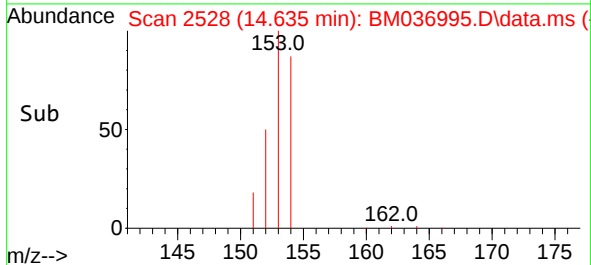
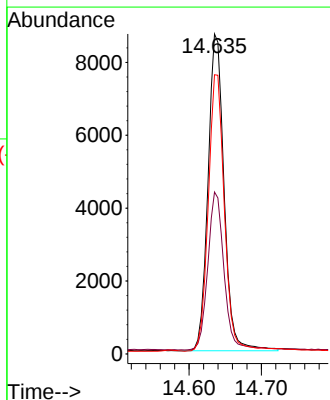
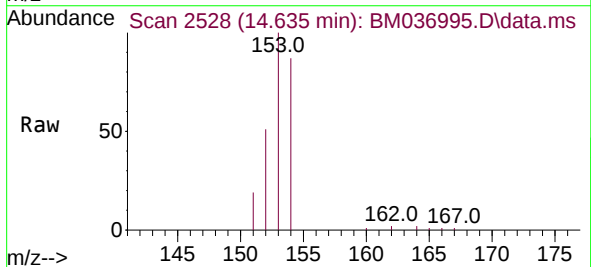
Instrument :
BNA_M
ClientSampleId :
SLCS216

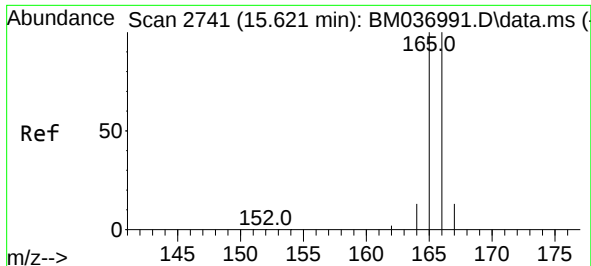
Tgt Ion:152 Resp: 16682
Ion Ratio Lower Upper
152 100
151 19.9 16.6 24.8
153 13.9 11.4 17.0



#11
Acenaphthene
Concen: 0.329 ng/ul
RT: 14.635 min Scan# 2528
Delta R.T. -0.004 min
Lab File: BM036995.D
Acq: 12 Oct 2022 22:33

Tgt Ion:153 Resp: 13479
Ion Ratio Lower Upper
153 100
152 50.6 40.2 60.4
154 87.2 69.7 104.5

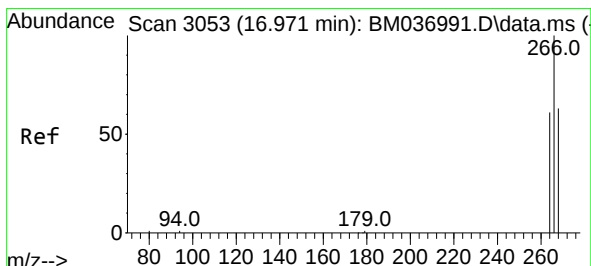
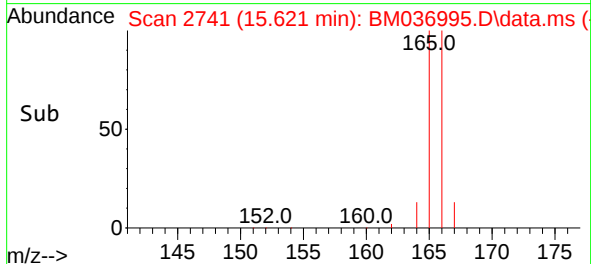
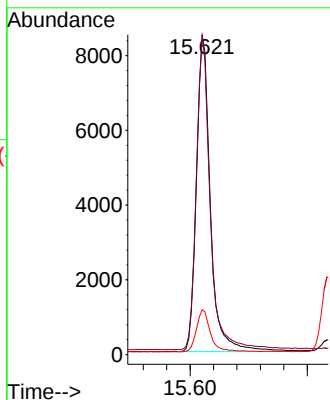
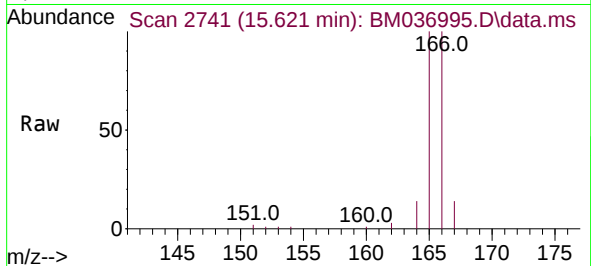




#12
Fluorene
Concen: 0.301 ng/ul
RT: 15.621 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036995.D
Acq: 12 Oct 2022 22:33

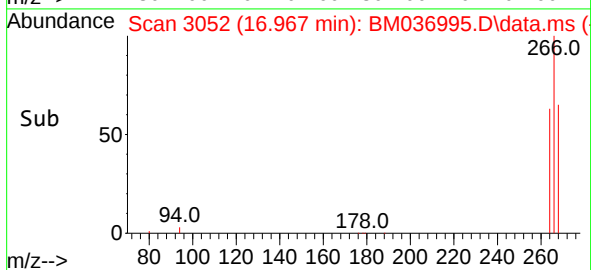
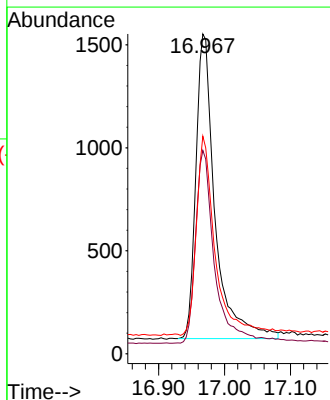
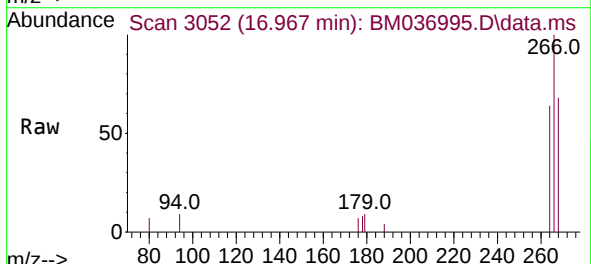
Instrument :
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ClientSampleId :
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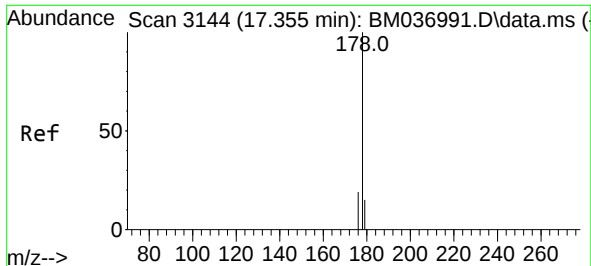
Tgt Ion:166 Resp: 13965
Ion Ratio Lower Upper
166 100
165 100.4 78.9 118.3
167 14.1 11.3 16.9



#14
Pentachlorophenol
Concen: 0.612 ng/ul
RT: 16.967 min Scan# 3052
Delta R.T. 0.000 min
Lab File: BM036995.D
Acq: 12 Oct 2022 22:33

Tgt Ion:266 Resp: 2984
Ion Ratio Lower Upper
266 100
264 63.3 50.3 75.5
268 64.9 53.5 80.3

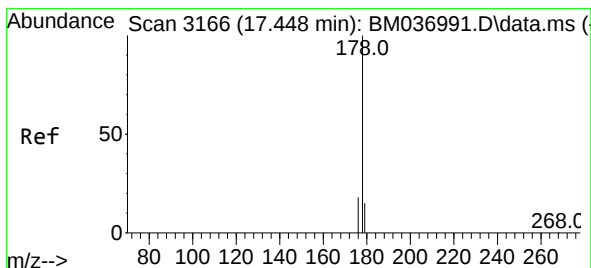
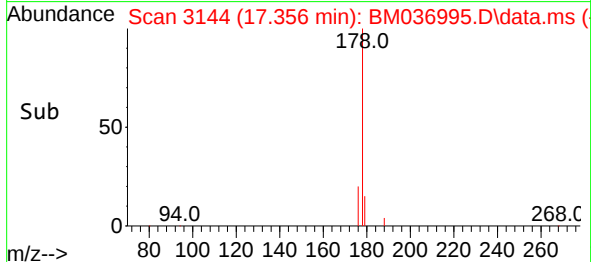
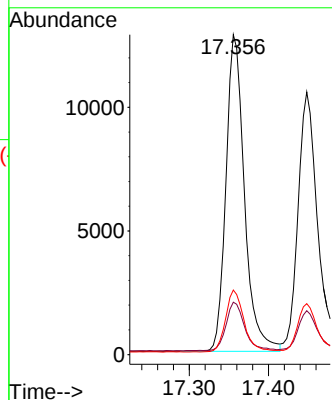
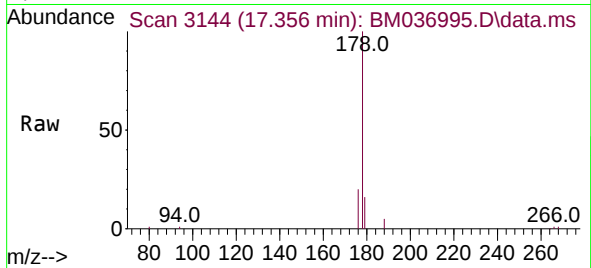




#15
Phenanthrene
Concen: 0.323 ng/ul
RT: 17.356 min Scan# 3144
Delta R.T. 0.000 min
Lab File: BM036995.D
Acq: 12 Oct 2022 22:33

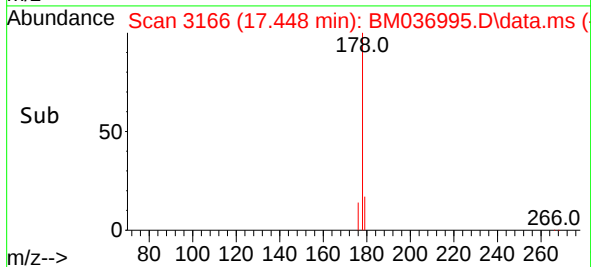
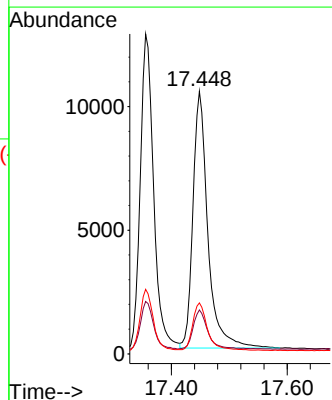
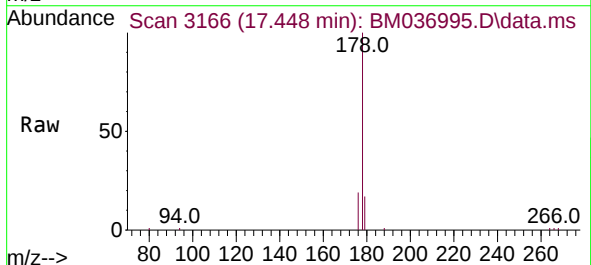
Instrument :
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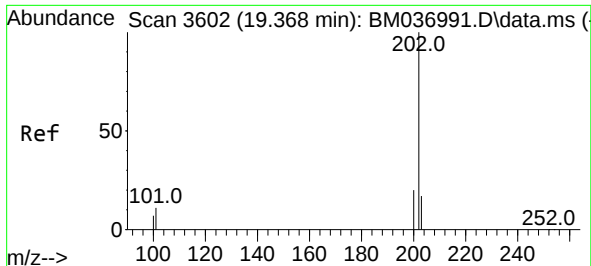
Tgt Ion:178 Resp: 20780
Ion Ratio Lower Upper
178 100
179 16.4 13.0 19.6
176 20.2 15.6 23.4



#16
Anthracene
Concen: 0.345 ng/ul
RT: 17.448 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BM036995.D
Acq: 12 Oct 2022 22:33

Tgt Ion:178 Resp: 18548
Ion Ratio Lower Upper
178 100
179 16.7 13.6 20.4
176 19.4 15.6 23.4





#19

Fluoranthene

Concen: 0.340 ng/ul

RT: 19.363 min Scan# 3601

Delta R.T. -0.000 min

Lab File: BM036995.D

Acq: 12 Oct 2022 22:33

Instrument :

BNA_M

ClientSampleId :

SLCS216

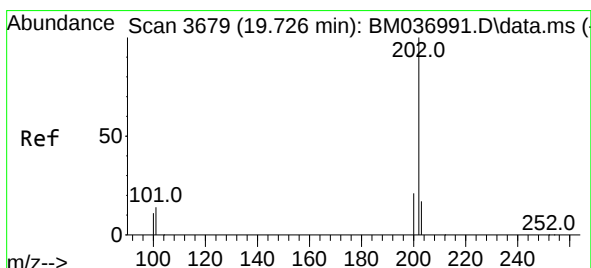
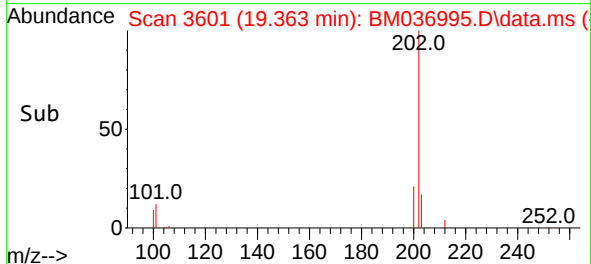
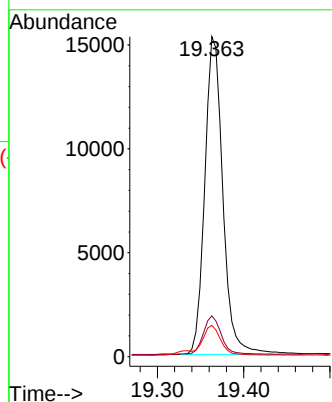
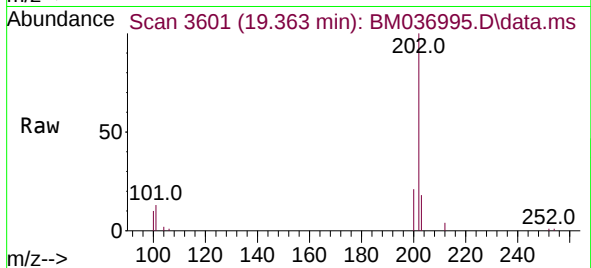
Tgt Ion:202 Resp: 22301

Ion Ratio Lower Upper

202 100

101 12.7 10.1 15.1

100 9.8 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: BM036995.D

Acq: 12 Oct 2022 22:33

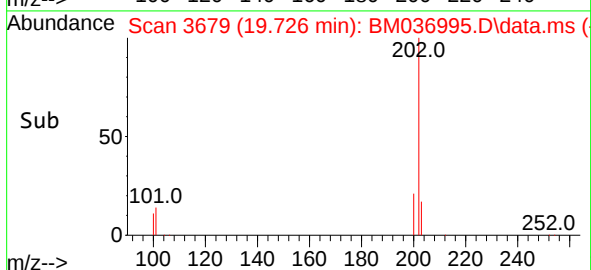
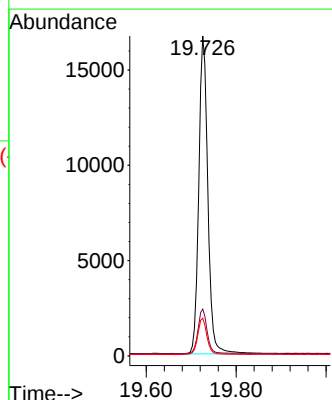
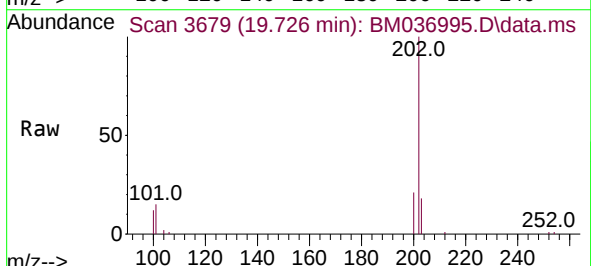
Tgt Ion:202 Resp: 23443

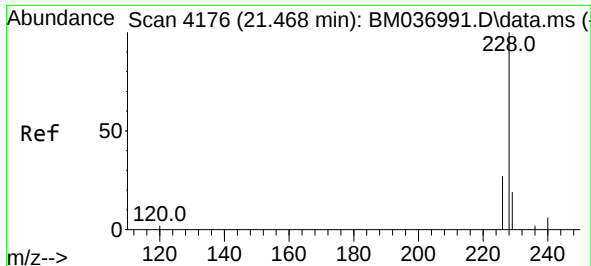
Ion Ratio Lower Upper

202 100

101 14.6 12.0 18.0

100 11.8 9.8 14.6

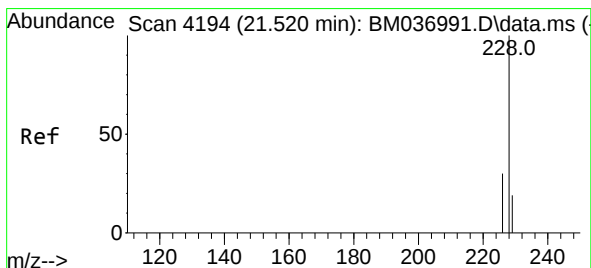
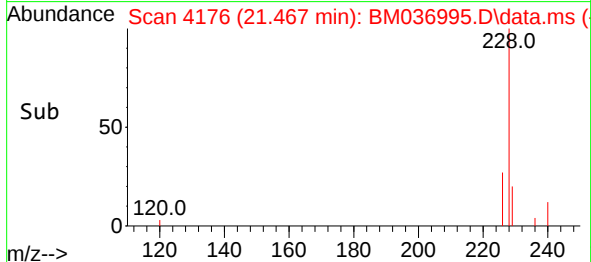
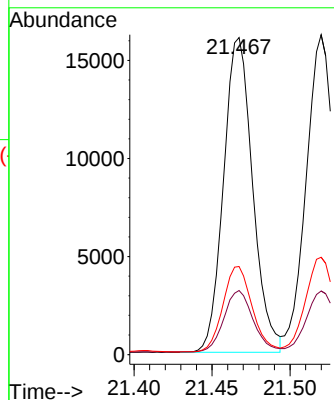
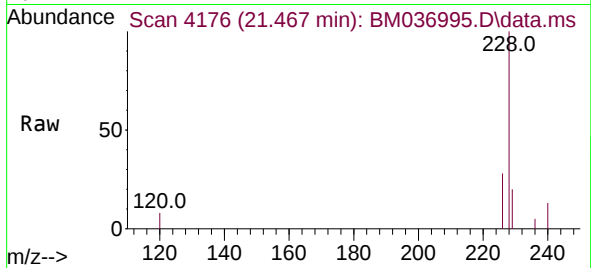




#21
Benzo(a)anthracene
Concen: 0.351 ng/ul
RT: 21.467 min Scan# 4176
Delta R.T. -0.000 min
Lab File: BM036995.D
Acq: 12 Oct 2022 22:33

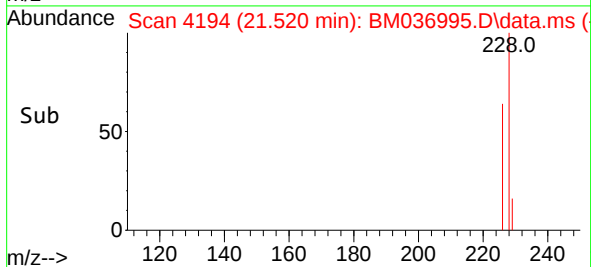
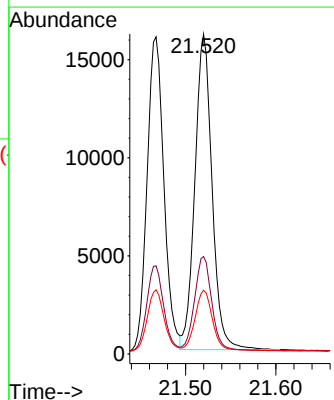
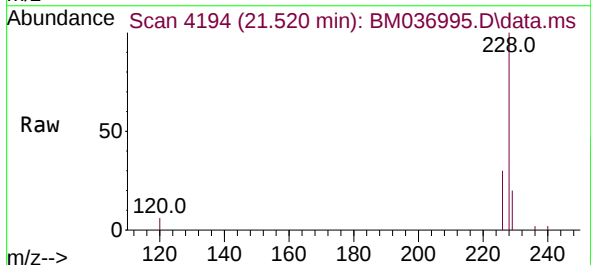
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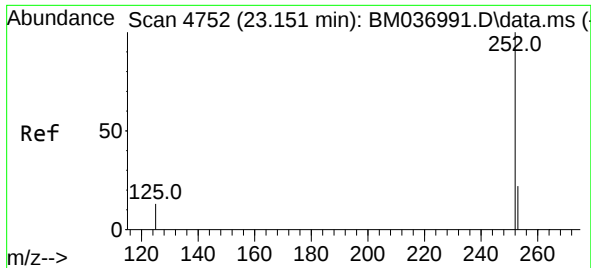
Tgt Ion:228 Resp: 20880
Ion Ratio Lower Upper
228 100
229 20.2 16.2 24.2
226 27.8 22.5 33.7



#22
Chrysene
Concen: 0.332 ng/ul
RT: 21.520 min Scan# 4194
Delta R.T. -0.000 min
Lab File: BM036995.D
Acq: 12 Oct 2022 22:33

Tgt Ion:228 Resp: 21249
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 19.9 16.4 24.6

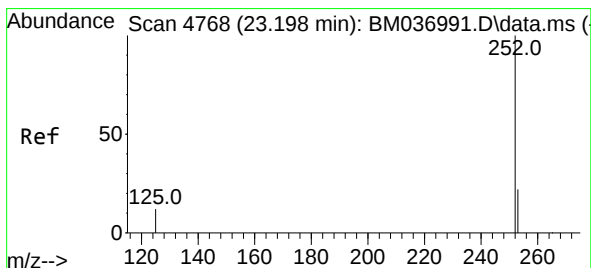
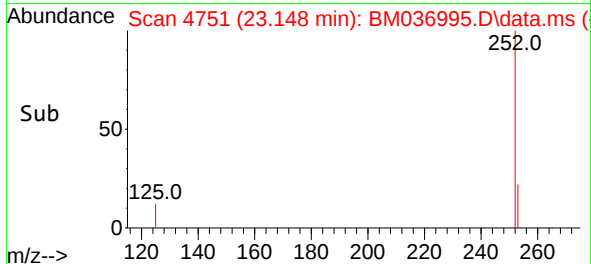
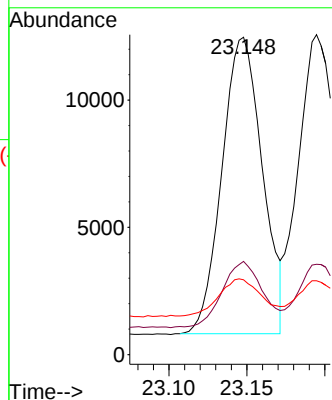
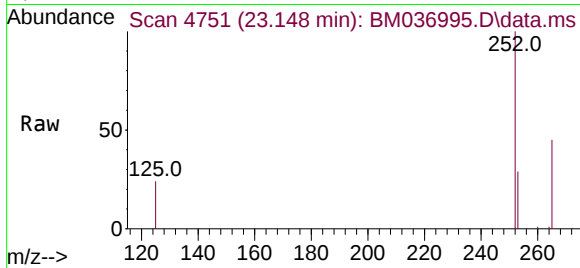




#24
Benzo(b)fluoranthene
Concen: 0.303 ng/ul
RT: 23.148 min Scan# 4751
Delta R.T. 0.003 min
Lab File: BM036995.D
Acq: 12 Oct 2022 22:33

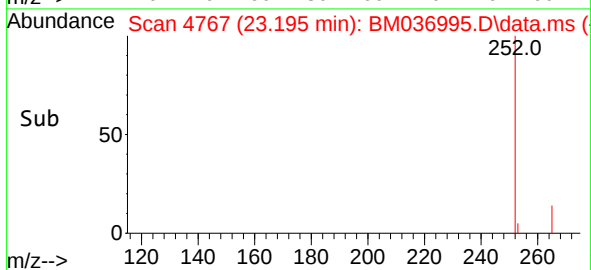
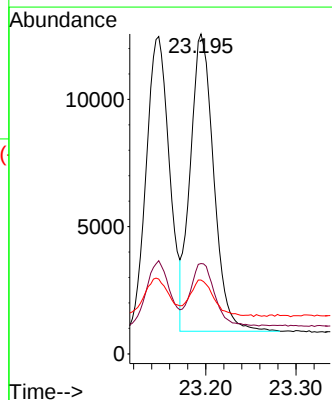
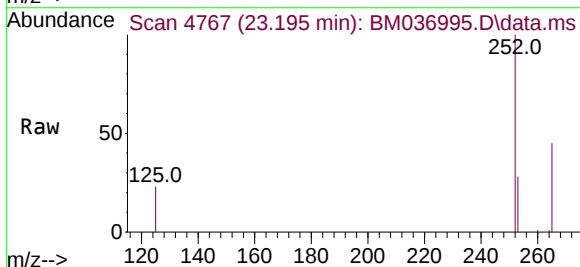
Instrument :
BNA_M
ClientSampleId :
SLCS216

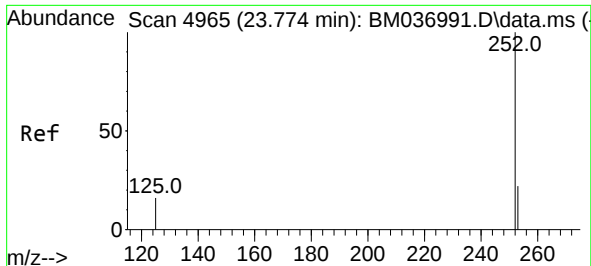
Tgt Ion:252 Resp: 21023
Ion Ratio Lower Upper
252 100
253 29.4 0.0 61.4
125 23.6 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.313 ng/ul
RT: 23.195 min Scan# 4767
Delta R.T. -0.000 min
Lab File: BM036995.D
Acq: 12 Oct 2022 22:33

Tgt Ion:252 Resp: 21152
Ion Ratio Lower Upper
252 100
253 28.2 25.2 37.8
125 23.1 18.3 27.5

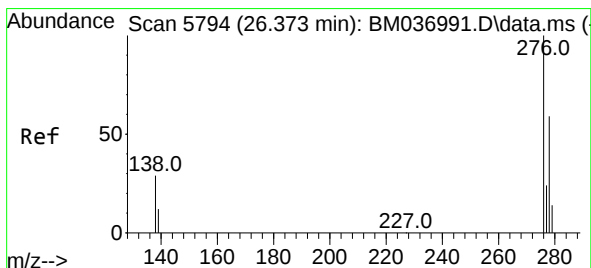
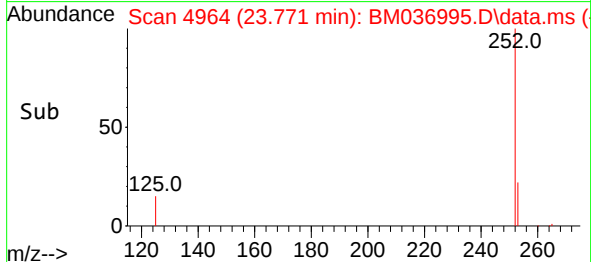
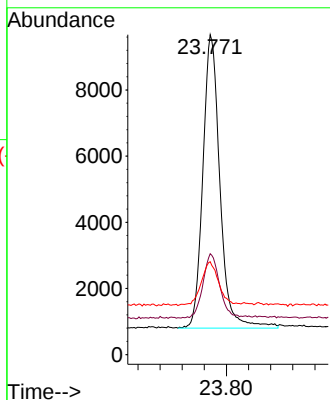
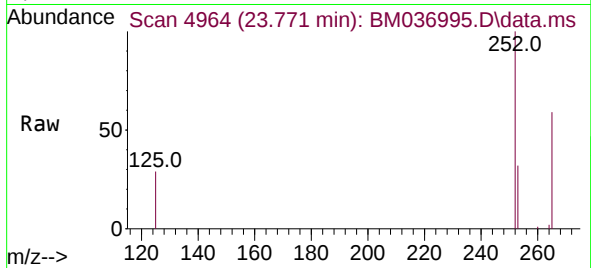




#26
Benzo(a)pyrene
Concen: 0.337 ng/ul
RT: 23.771 min Scan# 4965
Delta R.T. -0.000 min
Lab File: BM036995.D
Acq: 12 Oct 2022 22:33

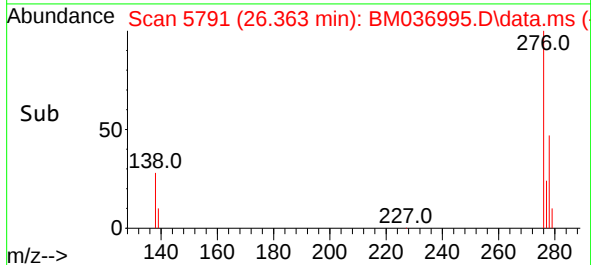
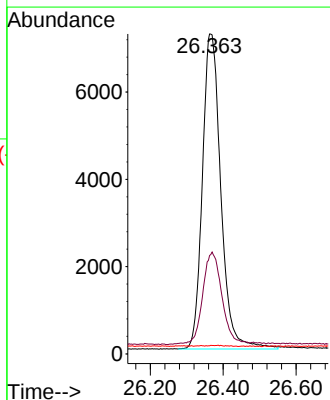
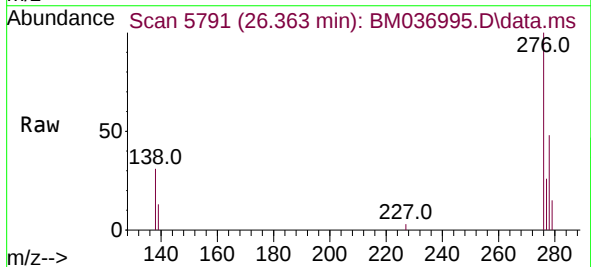
Instrument :
BNA_M
ClientSampleId :
SLCS216

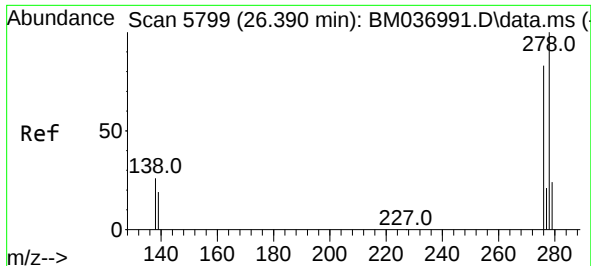
Tgt Ion:252	Resp:	18951
Ion Ratio	Lower	Upper
252	100	
253	31.5	29.7 44.5
125	29.0	23.6 35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.318 ng/ul
RT: 26.363 min Scan# 5791
Delta R.T. -0.000 min
Lab File: BM036995.D
Acq: 12 Oct 2022 22:33

Tgt Ion:276	Resp:	25370
Ion Ratio	Lower	Upper
276	100	
138	30.6	23.9 35.9
227	0.0	0.1 0.1#

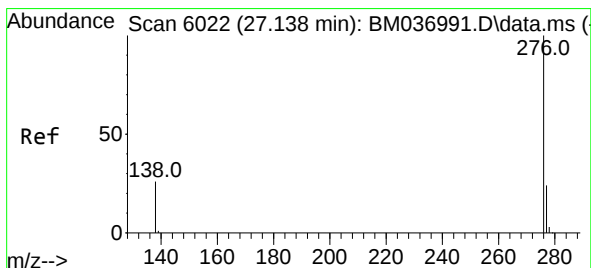
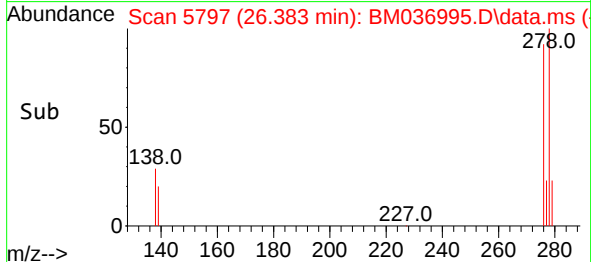
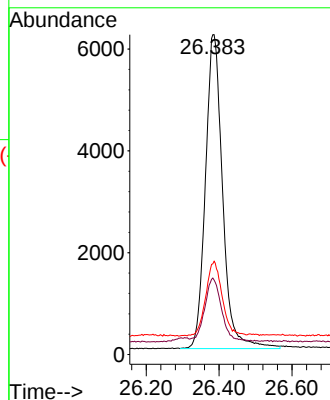
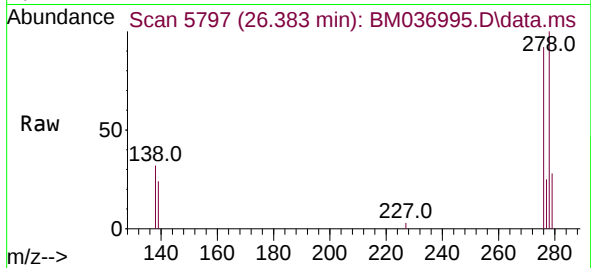




#28
Dibenzo(a,h)anthracene
Concen: 0.314 ng/ul
RT: 26.383 min Scan# 51
Delta R.T. 0.003 min
Lab File: BM036995.D
Acq: 12 Oct 2022 22:33

Instrument :
BNA_M
ClientSampleId :
SLCS216

Tgt Ion:278 Resp: 20207
Ion Ratio Lower Upper
278 100
139 23.9 19.8 29.6
279 28.4 27.7 41.5



#29
Benzo(g,h,i)perylene
Concen: 0.309 ng/ul
RT: 27.131 min Scan# 6020
Delta R.T. 0.003 min
Lab File: BM036995.D
Acq: 12 Oct 2022 22:33

Tgt Ion:276 Resp: 21678
Ion Ratio Lower Upper
276 100
138 29.4 23.4 35.0
277 25.9 21.0 31.4

