

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042522\
 Data File : BM034796.D
 Acq On : 25 Apr 2022 13:23
 Operator : CG/JU
 Sample : PB144304BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS304

Quant Time: Apr 26 03:03:50 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 22 16:54:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

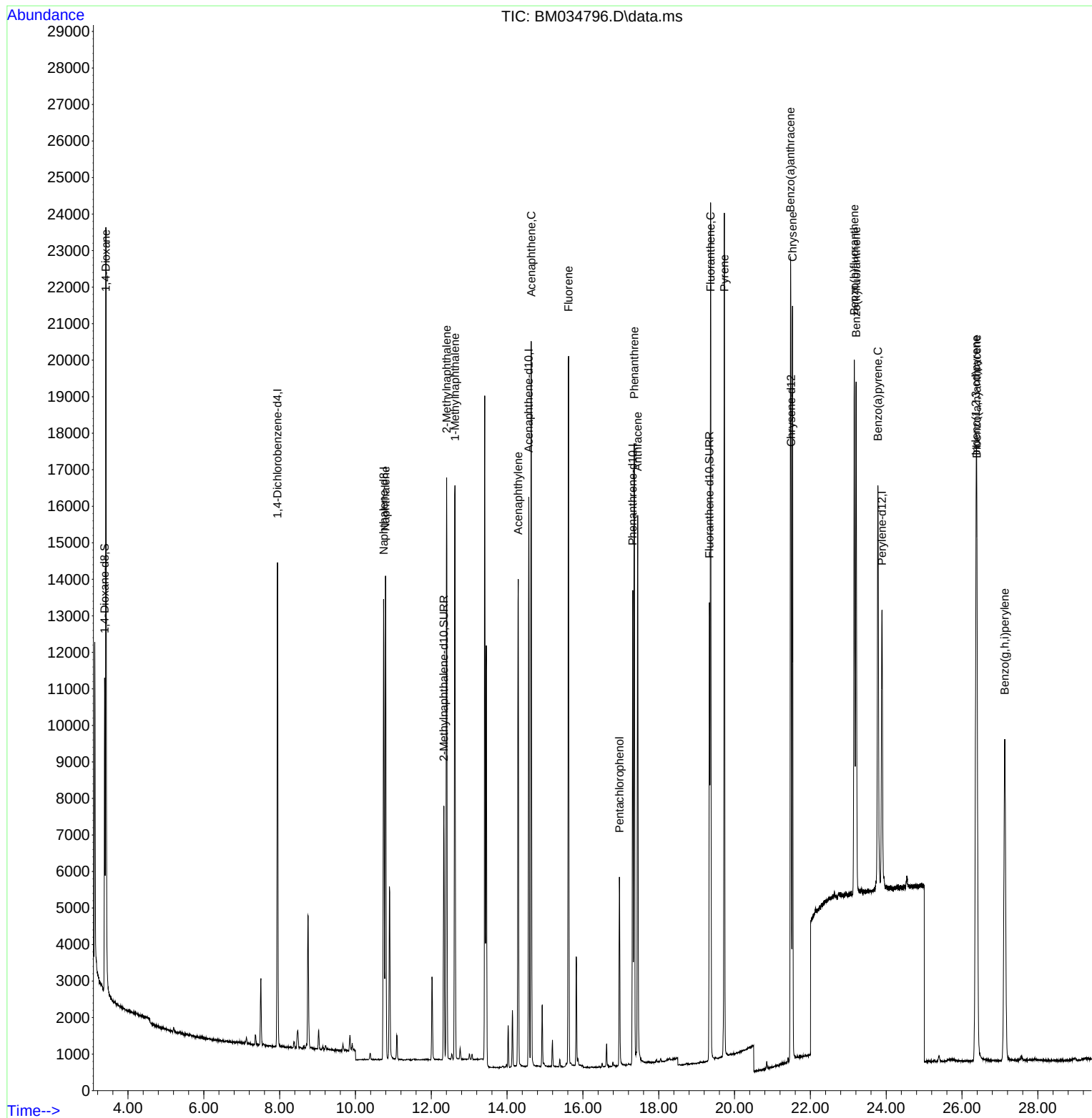
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	6626	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	16673	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.570	164	8245	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	14974	0.400	ng/ul #	0.00
17) Chrysene-d12	21.491	240	10260	0.400	ng/ul #	0.00
23) Perylene-d12	23.888	264	10552	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.382	96	5026	0.686	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	8750	0.373	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	13462	0.416	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.415	88	12770	1.831	ng/ul#	81
5) Naphthalene	10.792	128	17535	0.368	ng/ul#	88
7) 2-Methylnaphthalene	12.404	142	10895	0.344	ng/ul	100
8) 1-Methylnaphthalene	12.624	142	10641	0.342	ng/ul	100
10) Acenaphthylene	14.293	152	14936	0.415	ng/ul#	90
11) Acenaphthene	14.635	153	11159	0.366	ng/ul	95
12) Fluorene	15.621	166	12076	0.352	ng/ul#	98
14) Pentachlorophenol	16.963	266	3323	0.748	ng/ul	97
15) Phenanthrene	17.355	178	18545	0.375	ng/ul	95
16) Anthracene	17.444	178	16345	0.371	ng/ul#	92
19) Fluoranthene	19.368	202	19811	0.402	ng/ul	97
20) Pyrene	19.731	202	19717	0.399	ng/ul	100
21) Benzo(a)anthracene	21.476	228	16931	0.424	ng/ul	98
22) Chrysene	21.529	228	17648	0.415	ng/ul	98
24) Benzo(b)fluoranthene	23.157	252	19046	0.395	ng/ul	91
25) Benzo(k)fluoranthene	23.207	252	17828	0.370	ng/ul#	89
26) Benzo(a)pyrene	23.780	252	17440	0.444	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.370	276	22172	0.402	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.390	278	17760	0.395	ng/ul#	91
29) Benzo(g,h,i)perylene	27.128	276	19325	0.406	ng/ul	94

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

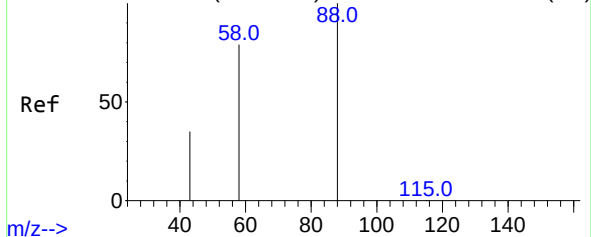
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042522\
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Abundance Scan 80 (3.420 min): BM034793.D\data.ms (-72)



#2

1,4-Dioxane

Concen: 1.831 ng/ul

RT: 3.415 min Scan# 79

Delta R.T. -0.004 min

Lab File: BM034796.D

Acq: 25 Apr 2022 13:23

Instrument :

BNA_M

ClientSampleId :

SLCS304

Tgt Ion: 88 Resp: 12770

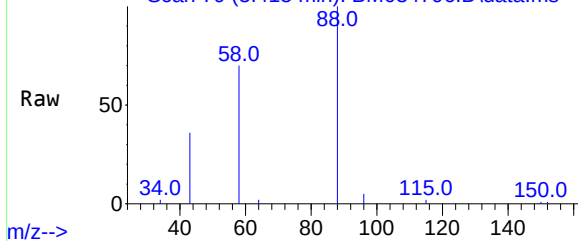
Ion Ratio Lower Upper

88 100

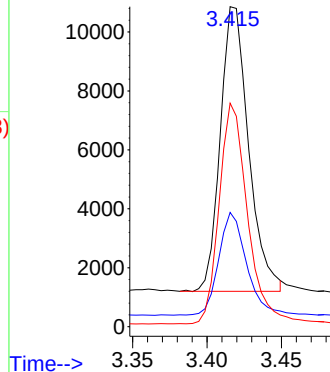
43 35.7 49.7 74.5#

58 69.8 52.5 78.7

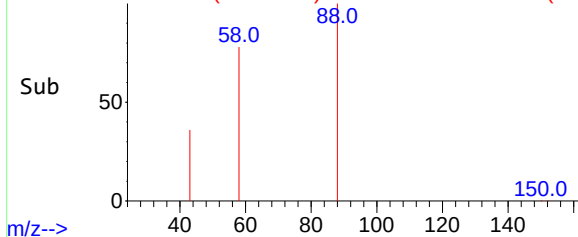
Abundance Scan 79 (3.415 min): BM034796.D\data.ms



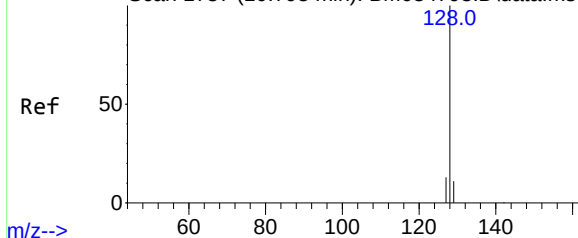
Abundance



Abundance Scan 79 (3.415 min): BM034796.D\data.ms (-68)



Abundance Scan 1787 (10.793 min): BM034793.D\data.ms (-72)



#5

Naphthalene

Concen: 0.368 ng/ul

RT: 10.792 min Scan# 1787

Delta R.T. -0.004 min

Lab File: BM034796.D

Acq: 25 Apr 2022 13:23

Tgt Ion: 128 Resp: 17535

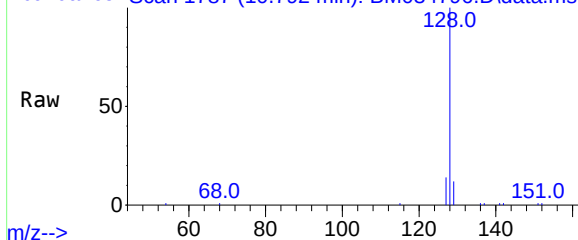
Ion Ratio Lower Upper

128 100

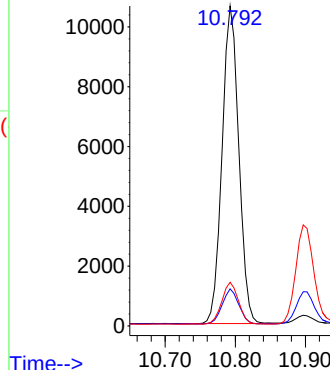
129 11.6 13.4 20.2#

127 13.7 15.2 22.8#

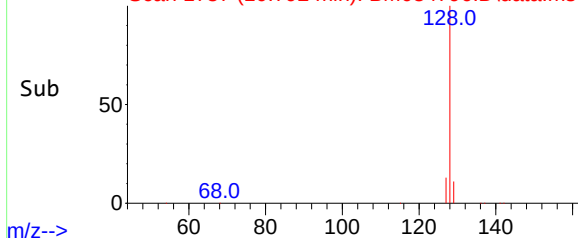
Abundance Scan 1787 (10.792 min): BM034796.D\data.ms

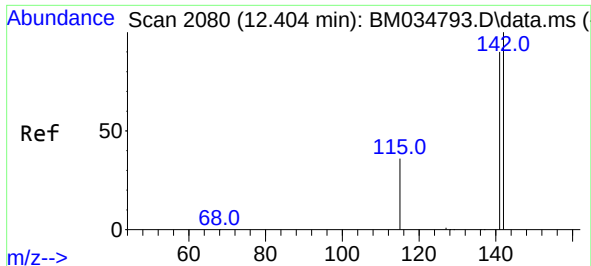


Abundance



Abundance Scan 1787 (10.792 min): BM034796.D\data.ms (-68)

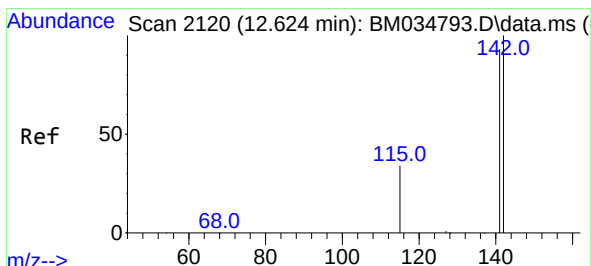
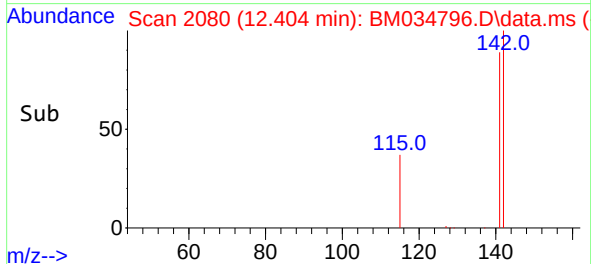
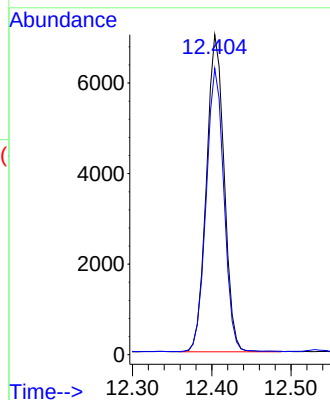
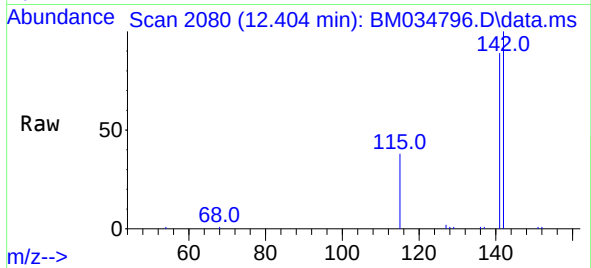




#7
2-Methylnaphthalene
Concen: 0.344 ng/ul
RT: 12.404 min Scan# 2080
Delta R.T. -0.004 min
Lab File: BM034796.D
Acq: 25 Apr 2022 13:23

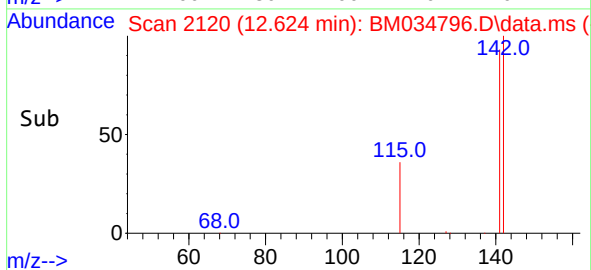
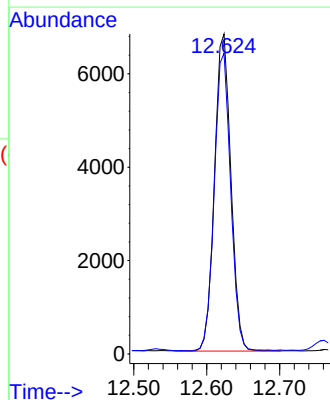
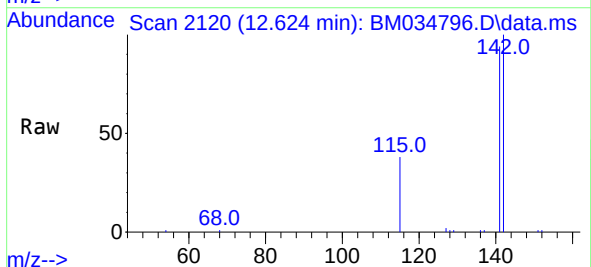
Instrument :
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ClientSampleId :
SLCS304

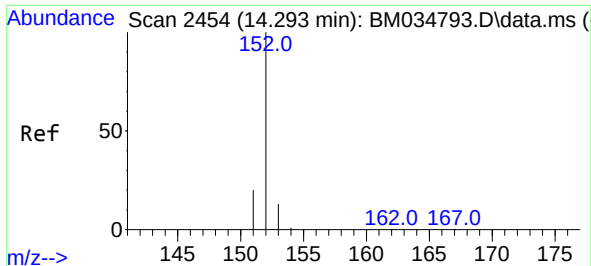
Tgt Ion:142 Resp: 10895
Ion Ratio Lower Upper
142 100
141 89.3 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 12.624 min Scan# 2120
Delta R.T. -0.004 min
Lab File: BM034796.D
Acq: 25 Apr 2022 13:23

Tgt Ion:142 Resp: 10641
Ion Ratio Lower Upper
142 100
141 93.4 75.0 112.4

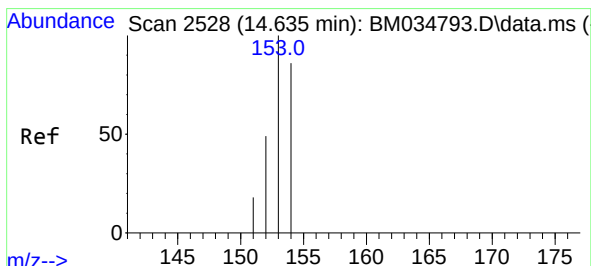
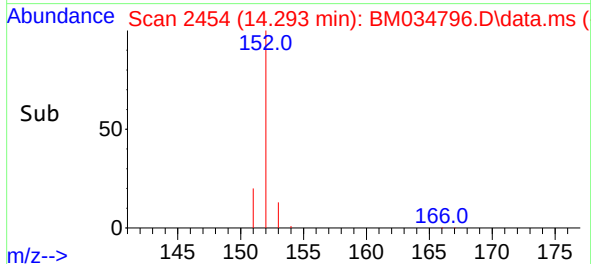
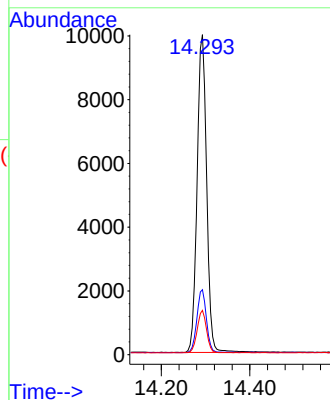
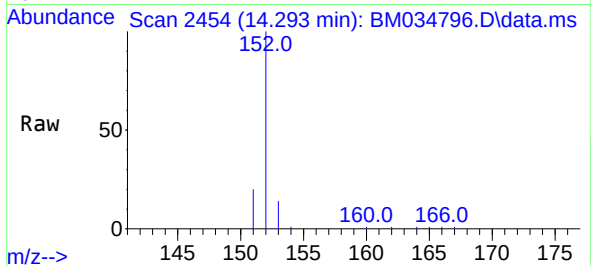




#10
Acenaphthylene
Concen: 0.415 ng/ul
RT: 14.293 min Scan# 2454
Delta R.T. -0.003 min
Lab File: BM034796.D
Acq: 25 Apr 2022 13:23

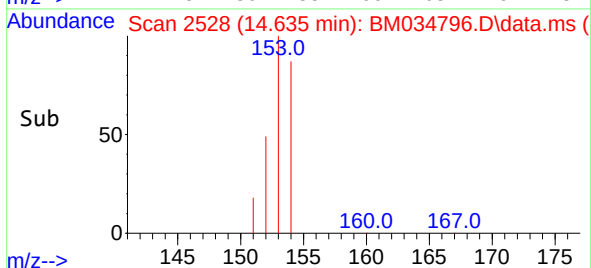
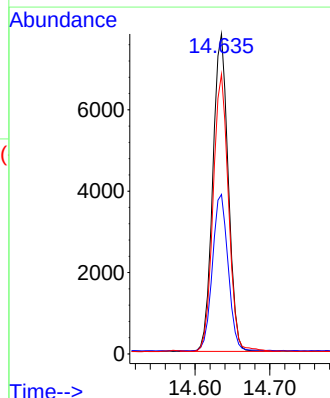
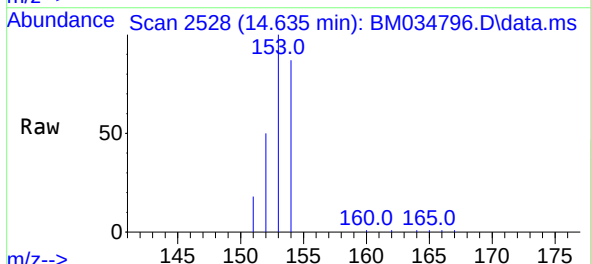
Instrument :
BNA_M
ClientSampleId :
SLCS304

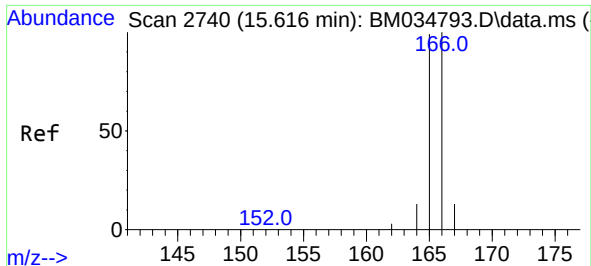
Tgt Ion:152 Resp: 14936
Ion Ratio Lower Upper
152 100
151 20.3 19.9 29.9
153 13.8 15.0 22.4#



#11
Acenaphthene
Concen: 0.366 ng/ul
RT: 14.635 min Scan# 2528
Delta R.T. -0.003 min
Lab File: BM034796.D
Acq: 25 Apr 2022 13:23

Tgt Ion:153 Resp: 11159
Ion Ratio Lower Upper
153 100
152 49.9 42.4 63.6
154 87.4 66.2 99.2

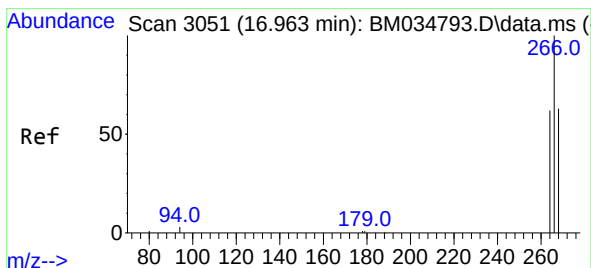
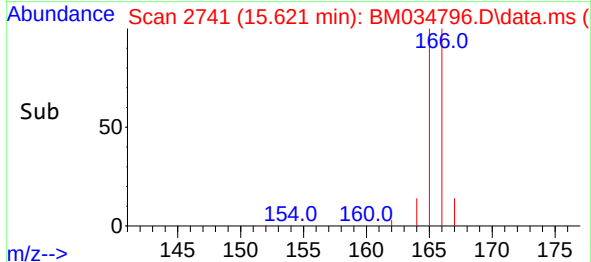
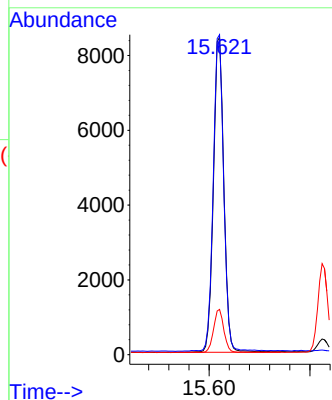
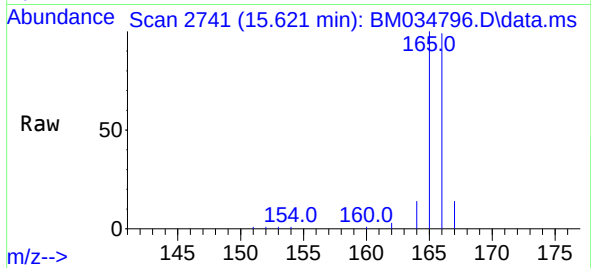




#12
Fluorene
Concen: 0.352 ng/ul
RT: 15.621 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM034796.D
Acq: 25 Apr 2022 13:23

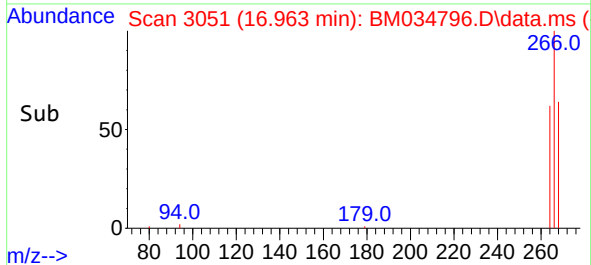
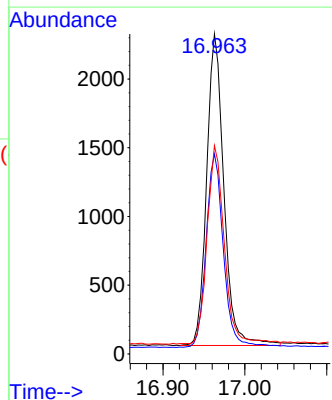
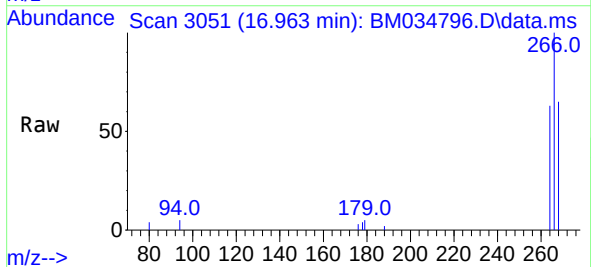
Instrument :
BNA_M
ClientSampleId :
SLCS304

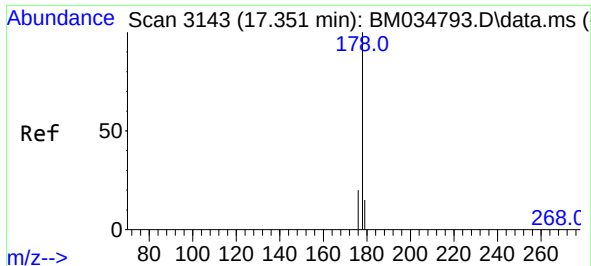
Tgt Ion:166 Resp: 12076
Ion Ratio Lower Upper
166 100
165 100.8 81.1 121.7
167 14.3 14.9 22.3#



#14
Pentachlorophenol
Concen: 0.748 ng/ul
RT: 16.963 min Scan# 3051
Delta R.T. 0.001 min
Lab File: BM034796.D
Acq: 25 Apr 2022 13:23

Tgt Ion:266 Resp: 3323
Ion Ratio Lower Upper
266 100
264 62.5 51.4 77.0
268 63.8 53.1 79.7

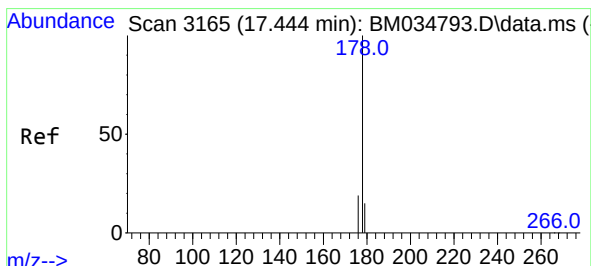
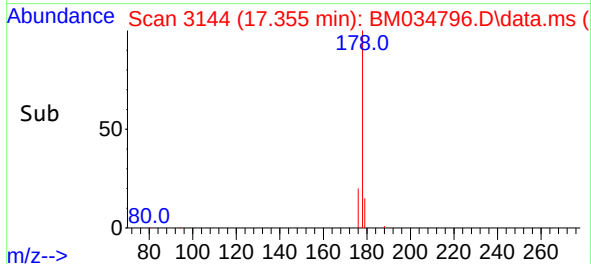
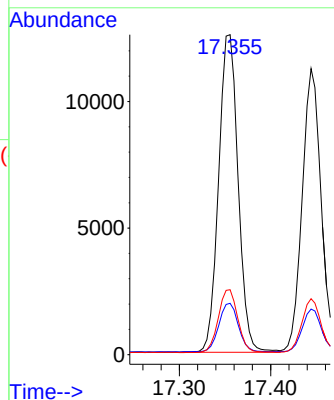
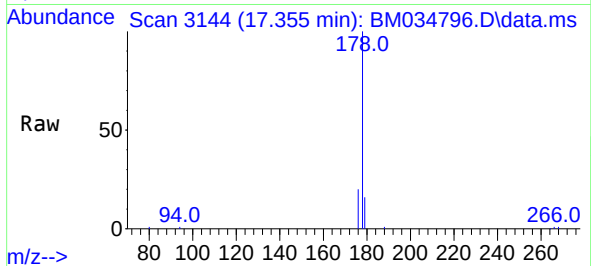




#15
Phenanthrene
Concen: 0.375 ng/u1
RT: 17.355 min Scan# 3143
Delta R.T. 0.001 min
Lab File: BM034796.D
Acq: 25 Apr 2022 13:23

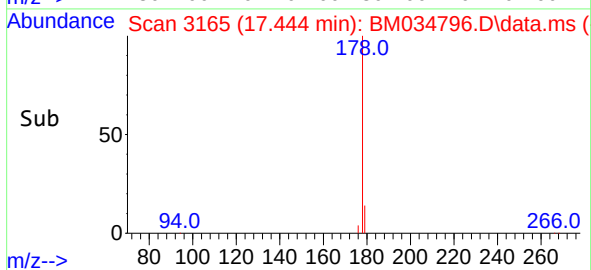
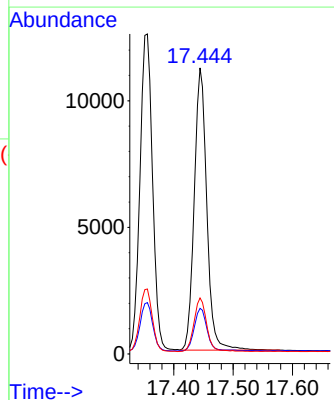
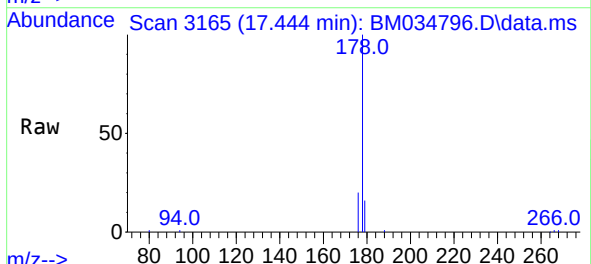
Instrument :
BNA_M
ClientSampleId :
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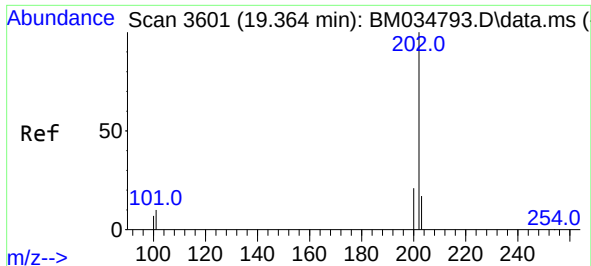
Tgt Ion:178 Resp: 18545
Ion Ratio Lower Upper
178 100
179 16.0 15.0 22.6
176 20.3 17.9 26.9



#16
Anthracene
Concen: 0.371 ng/u1
RT: 17.444 min Scan# 3165
Delta R.T. -0.003 min
Lab File: BM034796.D
Acq: 25 Apr 2022 13:23

Tgt Ion:178 Resp: 16345
Ion Ratio Lower Upper
178 100
179 15.9 16.5 24.7#
176 19.6 18.3 27.5

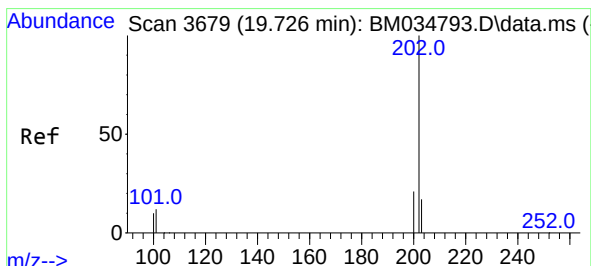
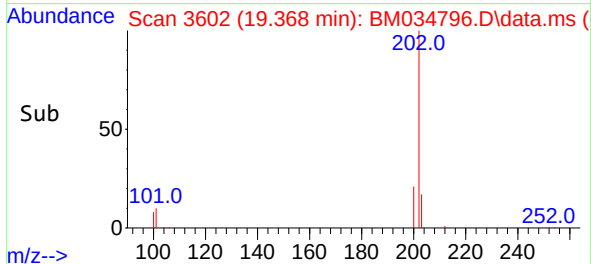
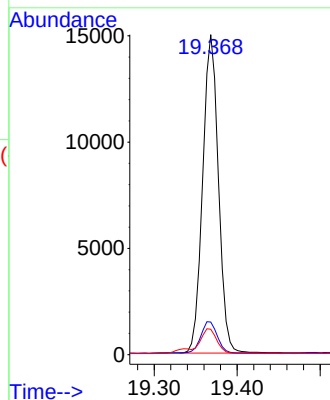
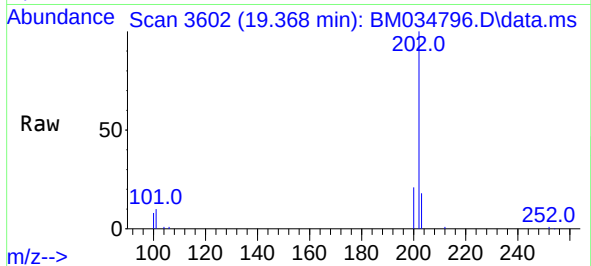




#19
Fluoranthene
Concen: 0.402 ng/u1
RT: 19.368 min Scan# 30
Delta R.T. 0.002 min
Lab File: BM034796.D
Acq: 25 Apr 2022 13:23

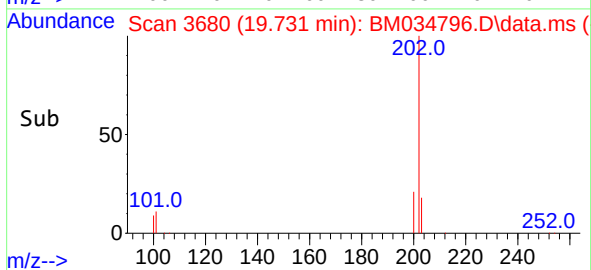
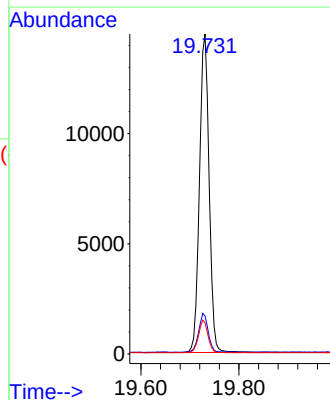
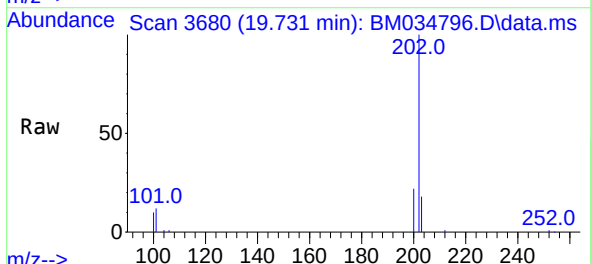
Instrument :
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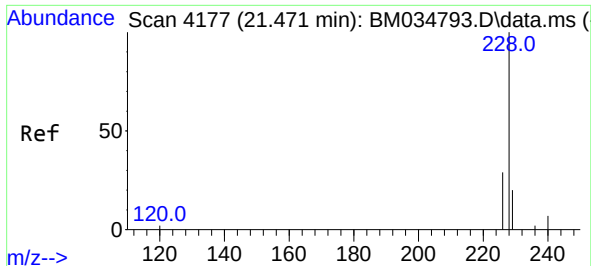
Tgt Ion:202 Resp: 19811
Ion Ratio Lower Upper
202 100
101 10.2 9.2 13.8
100 8.0 7.2 10.8



#20
Pyrene
Concen: 0.399 ng/u1
RT: 19.731 min Scan# 3680
Delta R.T. 0.002 min
Lab File: BM034796.D
Acq: 25 Apr 2022 13:23

Tgt Ion:202 Resp: 19717
Ion Ratio Lower Upper
202 100
101 11.9 9.3 13.9
100 9.7 7.8 11.6

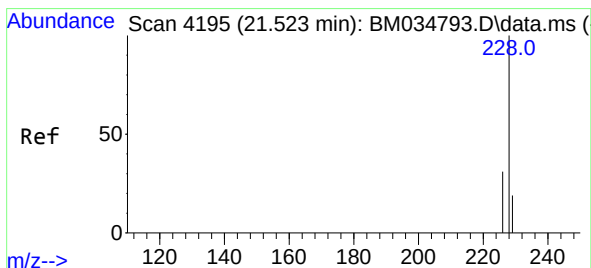
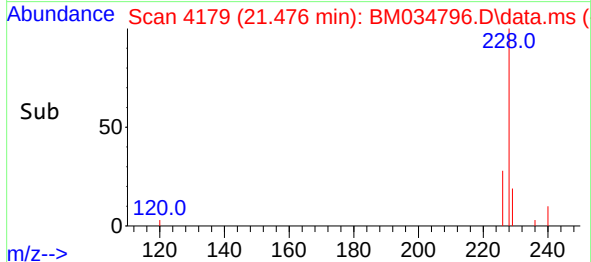
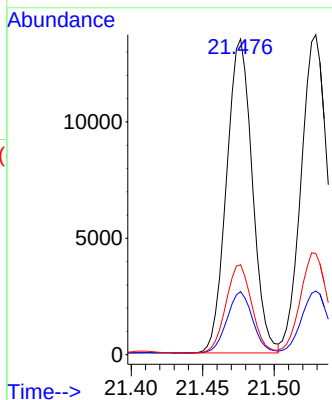
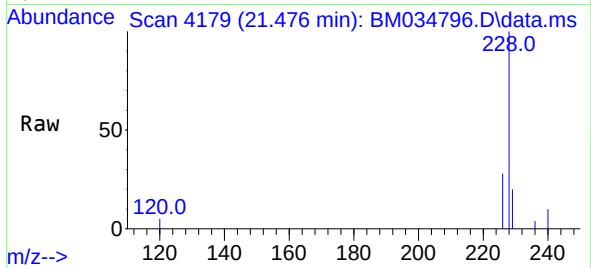




#21
Benzo(a)anthracene
Concen: 0.424 ng/ul
RT: 21.476 min Scan# 4177
Delta R.T. 0.005 min
Lab File: BM034796.D
Acq: 25 Apr 2022 13:23

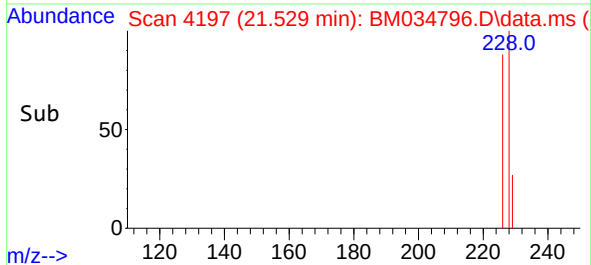
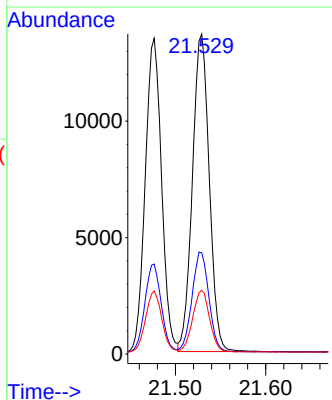
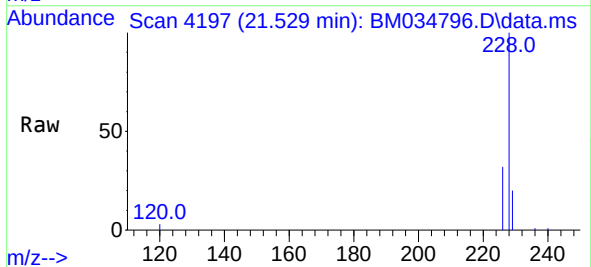
Instrument :
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ClientSampleId :
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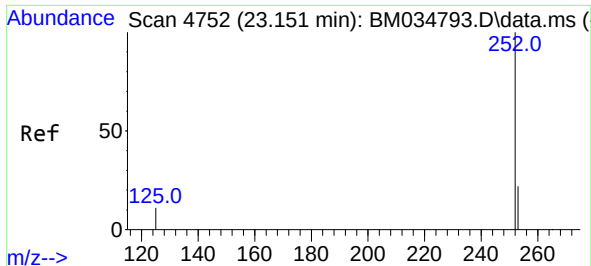
Tgt Ion:228	Resp:	16931
Ion Ratio	Lower	Upper
228	100	
229	20.0	17.3 25.9
226	28.5	23.2 34.8



#22
Chrysene
Concen: 0.415 ng/ul
RT: 21.529 min Scan# 4197
Delta R.T. 0.005 min
Lab File: BM034796.D
Acq: 25 Apr 2022 13:23

Tgt Ion:228	Resp:	17648
Ion Ratio	Lower	Upper
228	100	
226	31.6	25.8 38.8
229	19.9	16.7 25.1

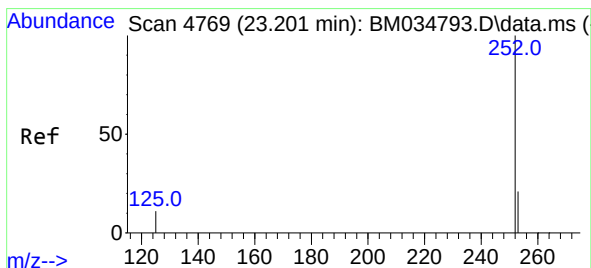
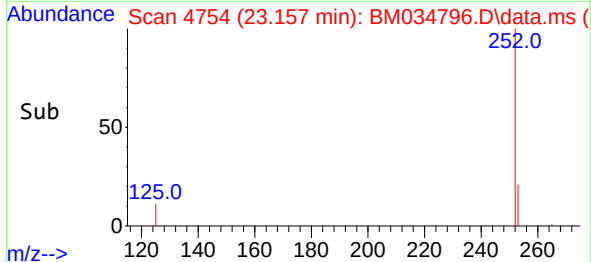
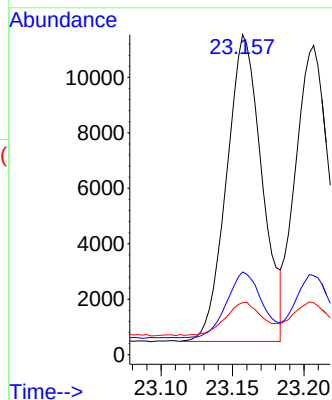
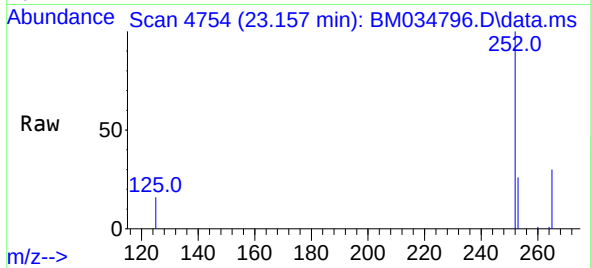




#24
Benzo(b)fluoranthene
Concen: 0.395 ng/ul
RT: 23.157 min Scan# 4752
Delta R.T. 0.005 min
Lab File: BM034796.D
Acq: 25 Apr 2022 13:23

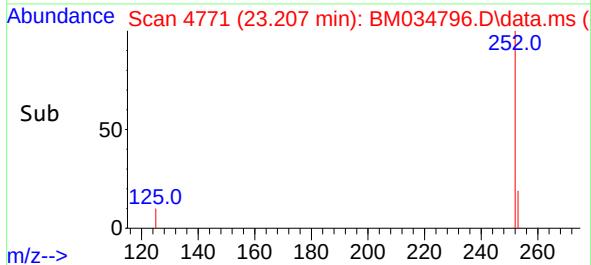
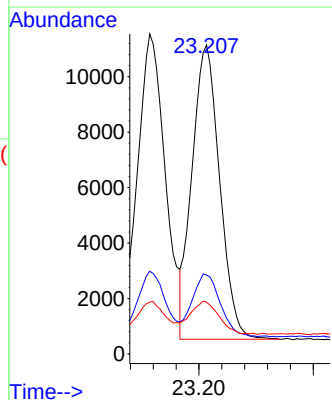
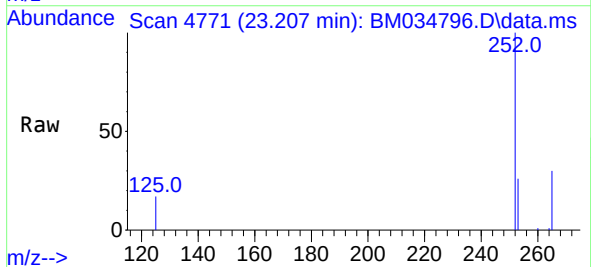
Instrument :
BNA_M
ClientSampleId :
SLCS304

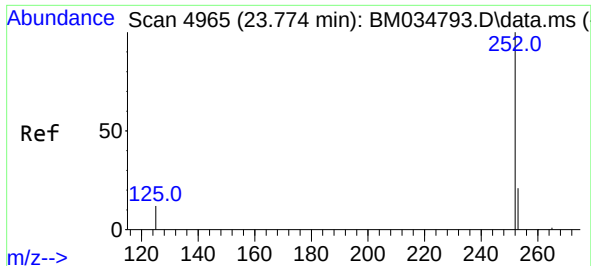
Tgt Ion:252 Resp: 19046
Ion Ratio Lower Upper
252 100
253 25.8 0.0 64.2
125 16.3 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.370 ng/ul
RT: 23.207 min Scan# 4771
Delta R.T. 0.005 min
Lab File: BM034796.D
Acq: 25 Apr 2022 13:23

Tgt Ion:252 Resp: 17828
Ion Ratio Lower Upper
252 100
253 25.5 26.8 40.2#
125 16.8 12.0 18.0

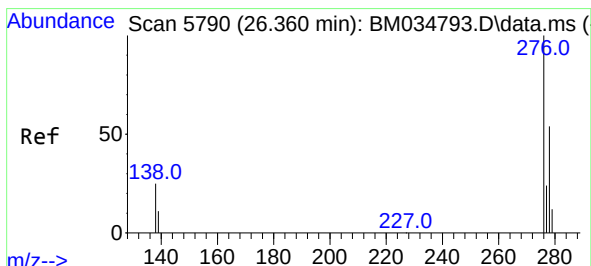
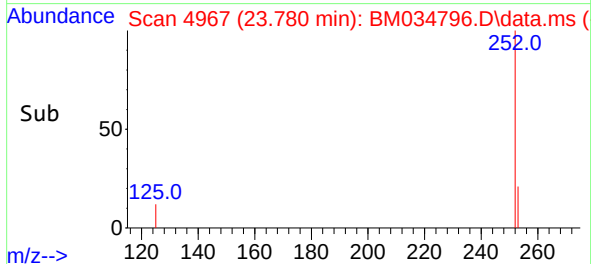
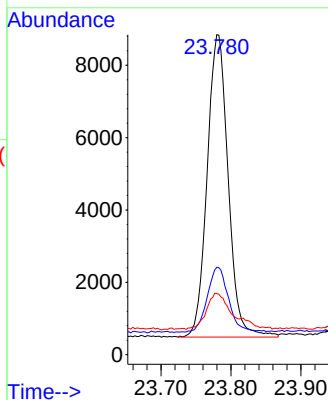
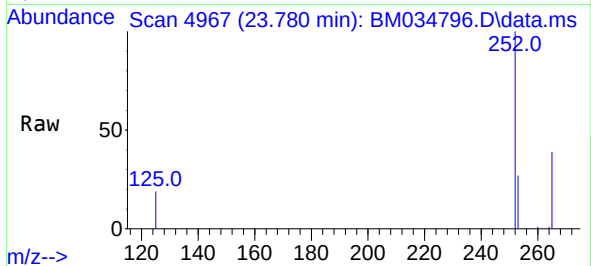




#26
Benzo(a)pyrene
Concen: 0.444 ng/ul
RT: 23.780 min Scan# 4965
Delta R.T. 0.005 min
Lab File: BM034796.D
Acq: 25 Apr 2022 13:23

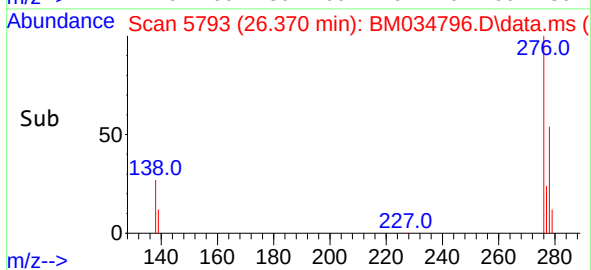
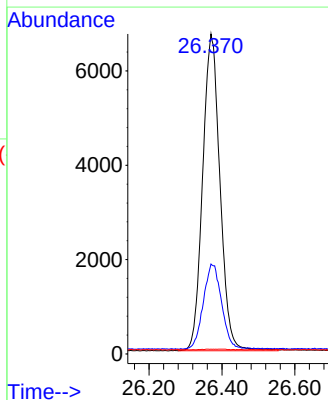
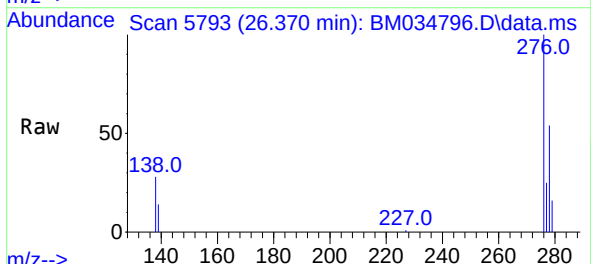
Instrument :
BNA_M
ClientSampleId :
SLCS304

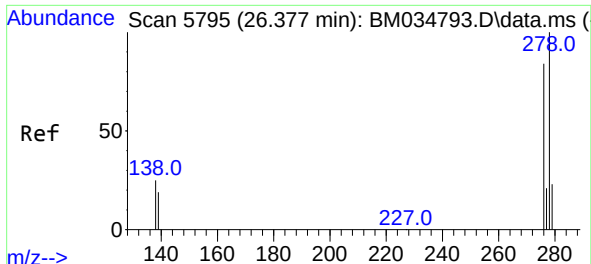
Tgt Ion:252 Resp: 17440
Ion Ratio Lower Upper
252 100
253 27.3 32.0 48.0#
125 19.1 14.5 21.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.402 ng/ul
RT: 26.370 min Scan# 5793
Delta R.T. 0.009 min
Lab File: BM034796.D
Acq: 25 Apr 2022 13:23

Tgt Ion:276 Resp: 22172
Ion Ratio Lower Upper
276 100
138 28.2 15.8 23.6#
227 0.1 0.0 0.0#

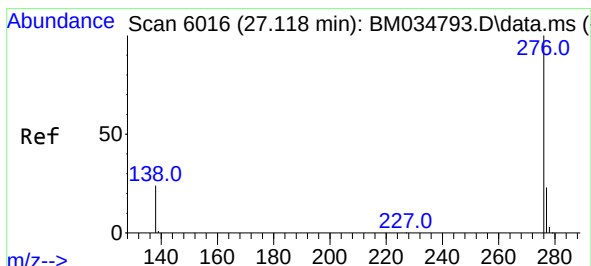
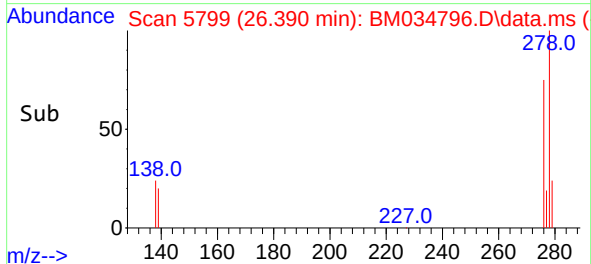
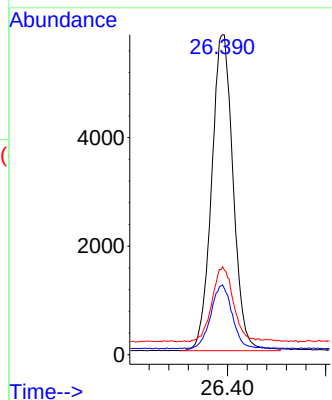
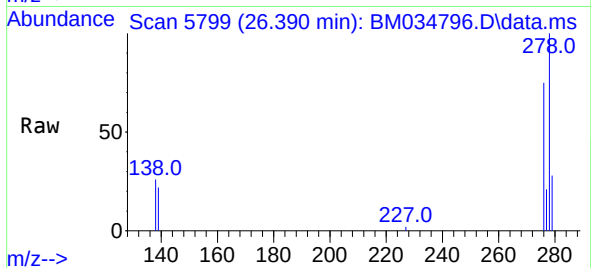




#28
Dibenzo(a,h)anthracene
Concen: 0.395 ng/ul
RT: 26.390 min Scan# 51
Delta R.T. 0.005 min
Lab File: BM034796.D
Acq: 25 Apr 2022 13:23

Instrument :
BNA_M
ClientSampleId :
SLCS304

Tgt Ion:278 Resp: 17760
Ion Ratio Lower Upper
278 100
139 21.8 18.0 27.0
279 27.5 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 0.406 ng/ul
RT: 27.128 min Scan# 6019
Delta R.T. 0.009 min
Lab File: BM034796.D
Acq: 25 Apr 2022 13:23

Tgt Ion:276 Resp: 19325
Ion Ratio Lower Upper
276 100
138 24.6 17.4 26.0
277 24.9 22.6 33.8

