

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036904.D
 Acq On : 10 Oct 2022 13:00
 Operator : CG/JU
 Sample : PB148170BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS170

Quant Time: Oct 10 14:55:51 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 : Mon Oct 10 00:54:15 2022
 Response via : Initial Calibration

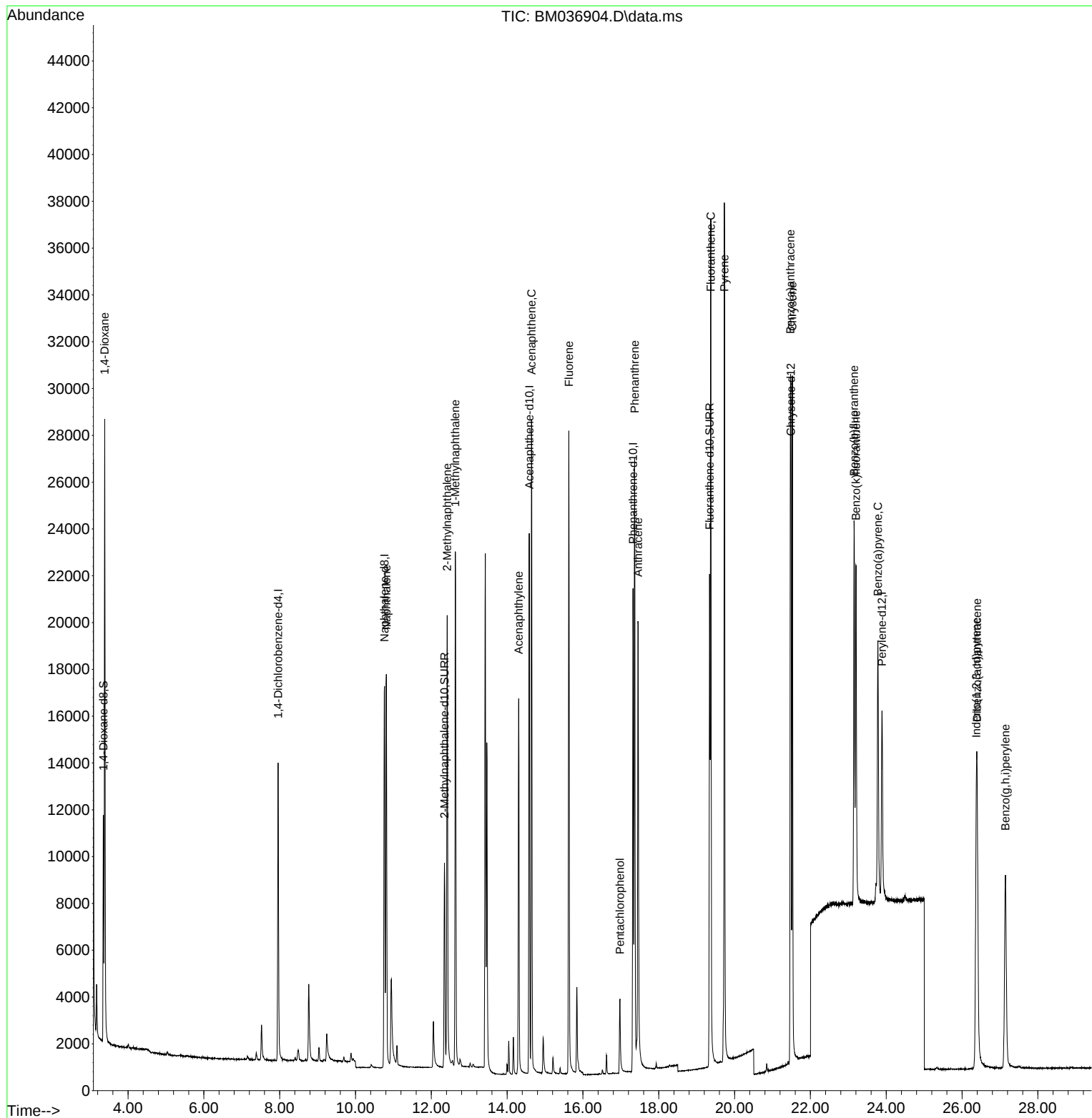
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	6933	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	23783	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.584	164	12864	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.322	188	25955	0.400	ng/ul	0.00
17) Chrysene-d12	21.488	240	18097	0.400	ng/ul	0.00
23) Perylene-d12	23.888	264	11968	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	6165	0.631	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	12847	0.358	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	23896	0.441	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.386	88	17108	1.790	ng/ul#	76
5) Naphthalene	10.814	128	23757	0.349	ng/ul	97
7) 2-Methylnaphthalene	12.420	142	14847	0.357	ng/ul	91
8) 1-Methylnaphthalene	12.635	142	15419	0.365	ng/ul	99
10) Acenaphthylene	14.307	152	19273	0.360	ng/ul	98
11) Acenaphthene	14.644	153	16019	0.345	ng/ul	99
12) Fluorene	15.630	166	17968	0.342	ng/ul	99
14) Pentachlorophenol	16.975	266	2703	0.430	ng/ul	99
15) Phenanthrene	17.364	178	29149	0.352	ng/ul	99
16) Anthracene	17.452	178	24200	0.349	ng/ul	99
19) Fluoranthene	19.373	202	30896	0.429	ng/ul	99
20) Pyrene	19.731	202	31093	0.414	ng/ul	98
21) Benzo(a)anthracene	21.473	228	23180	0.355	ng/ul	99
22) Chrysene	21.523	228	26016	0.371	ng/ul	99
24) Benzo(b)fluoranthene	23.154	252	21020	0.393	ng/ul	95
25) Benzo(k)fluoranthene	23.201	252	19900	0.382	ng/ul	96
26) Benzo(a)pyrene	23.780	252	17978	0.414	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.376	276	20197	0.329	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.396	278	16627	0.335	ng/ul	93
29) Benzo(g,h,i)perylene	27.144	276	18414	0.340	ng/ul	99

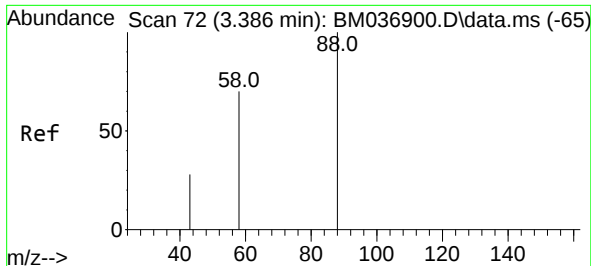
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
Data File : BM036904.D
Acq On : 10 Oct 2022 13:00
Operator : CG/JU
Sample : PB148170BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS170

Quant Time: Oct 10 14:55:51 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 : Mon Oct 10 00:54:15 2022
Response via : Initial Calibration

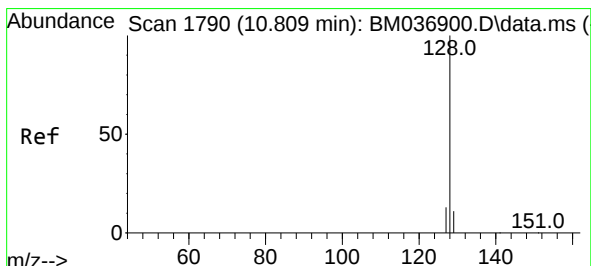
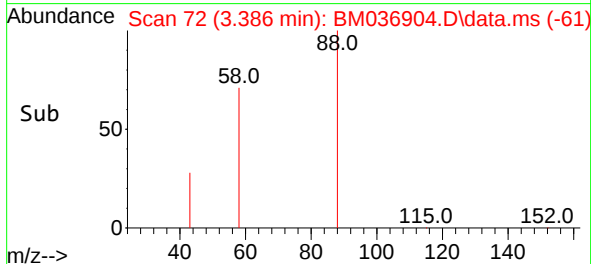
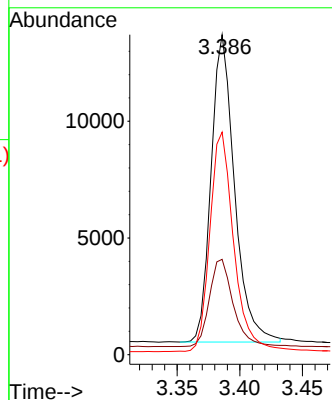
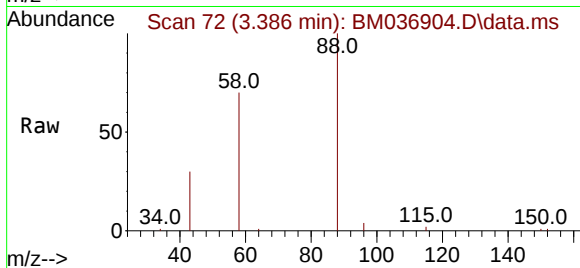




#2
1,4-Dioxane
Concen: 1.790 ng/ul
RT: 3.386 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM036904.D
Acq: 10 Oct 2022 13:00

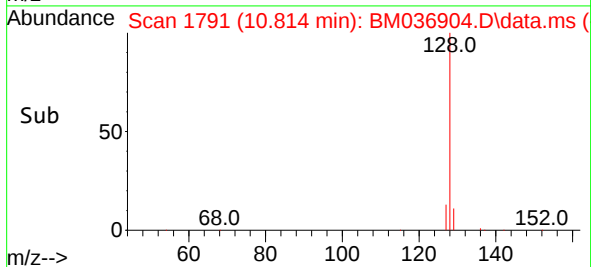
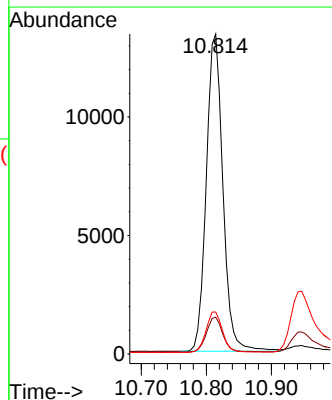
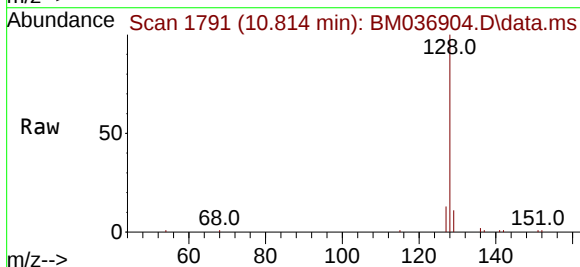
Instrument :
BNA_M
ClientSampleId :
SLCS170

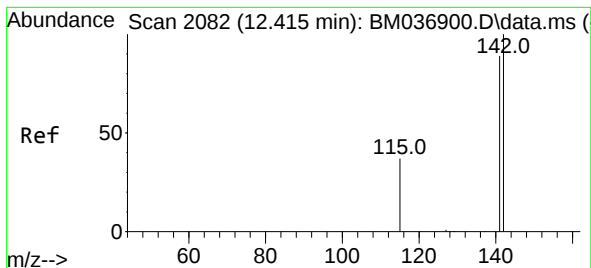
Tgt Ion: 88 Resp: 17108
Ion Ratio Lower Upper
88 100
43 29.8 37.8 56.6#
58 69.6 42.6 63.8#



#5
Naphthalene
Concen: 0.349 ng/ul
RT: 10.814 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BM036904.D
Acq: 10 Oct 2022 13:00

Tgt Ion: 128 Resp: 23757
Ion Ratio Lower Upper
128 100
129 11.5 10.2 15.2
127 13.1 11.7 17.5

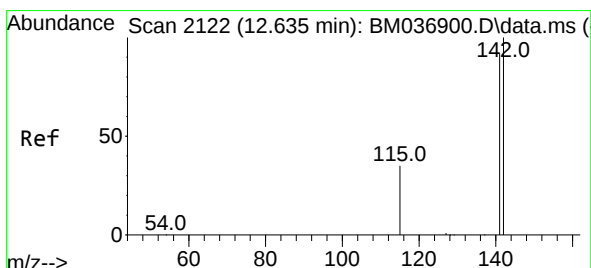
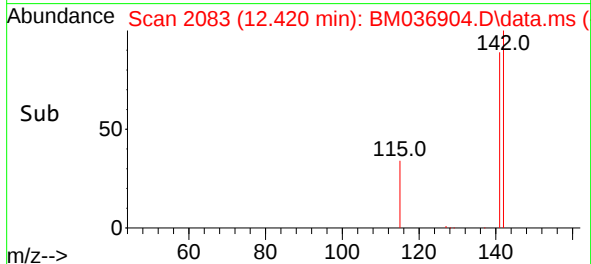
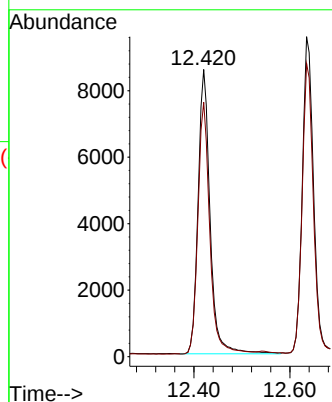
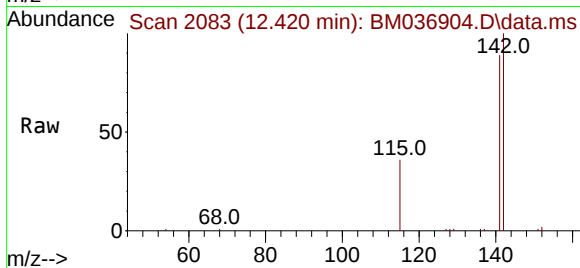




#7
2-Methylnaphthalene
Concen: 0.357 ng/ul
RT: 12.420 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BM036904.D
Acq: 10 Oct 2022 13:00

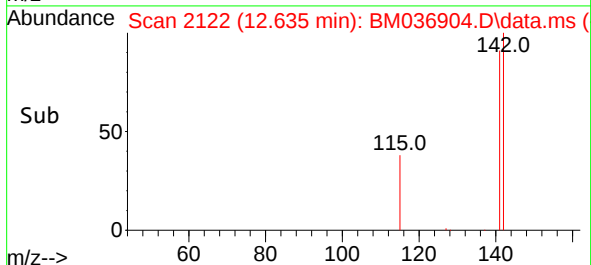
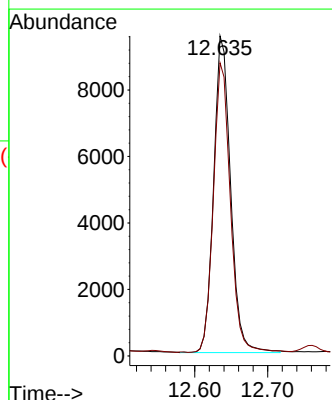
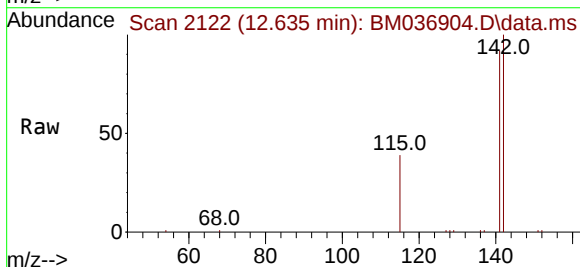
Instrument :
BNA_M
ClientSampleId :
SLCS170

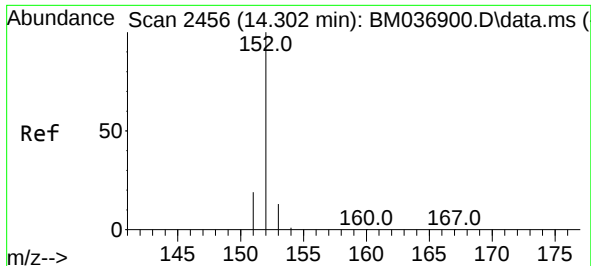
Tgt Ion:142 Resp: 14847
Ion Ratio Lower Upper
142 100
141 87.9 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.365 ng/ul
RT: 12.635 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BM036904.D
Acq: 10 Oct 2022 13:00

Tgt Ion:142 Resp: 15419
Ion Ratio Lower Upper
142 100
141 91.5 74.1 111.1

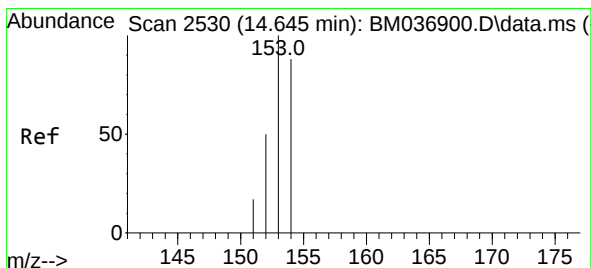
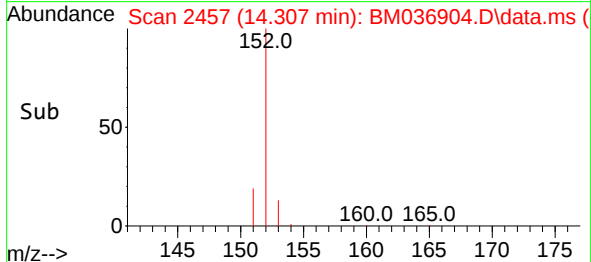
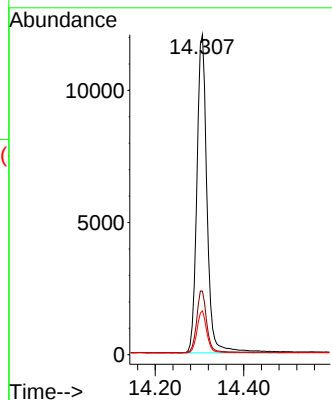
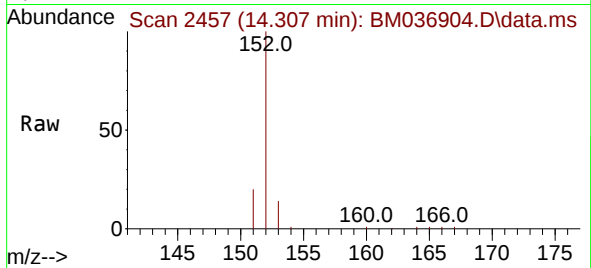




#10
Acenaphthylene
Concen: 0.360 ng/ul
RT: 14.307 min Scan# 2456
Delta R.T. -0.001 min
Lab File: BM036904.D
Acq: 10 Oct 2022 13:00

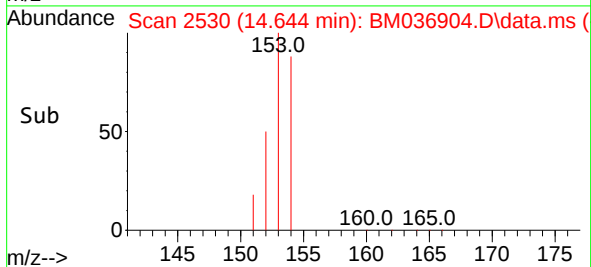
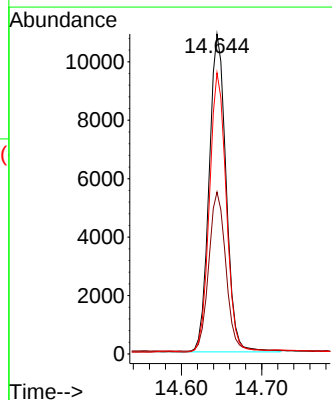
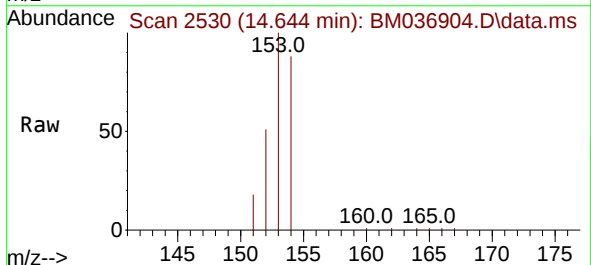
Instrument :
BNA_M
ClientSampleId :
SLCS170

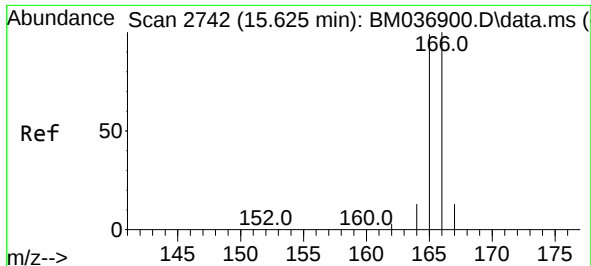
Tgt Ion:152 Resp: 19273
Ion Ratio Lower Upper
152 100
151 19.9 16.6 24.8
153 13.7 11.4 17.0



#11
Acenaphthene
Concen: 0.345 ng/ul
RT: 14.644 min Scan# 2530
Delta R.T. -0.001 min
Lab File: BM036904.D
Acq: 10 Oct 2022 13:00

Tgt Ion:153 Resp: 16019
Ion Ratio Lower Upper
153 100
152 50.6 40.2 60.4
154 87.9 69.7 104.5

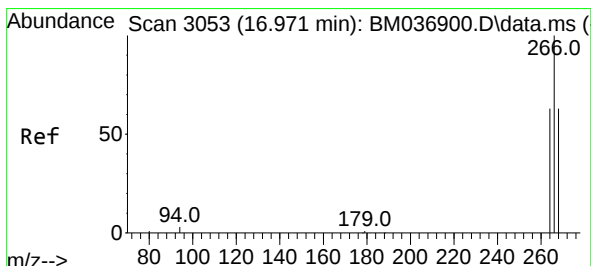
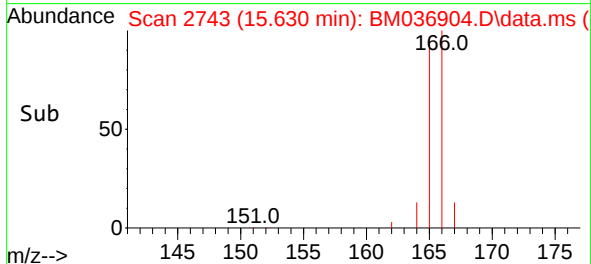
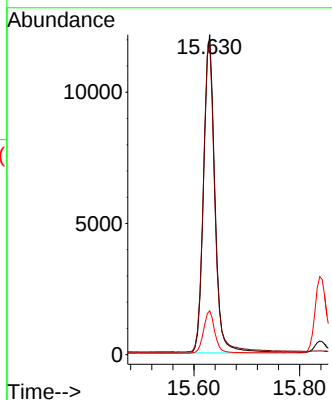
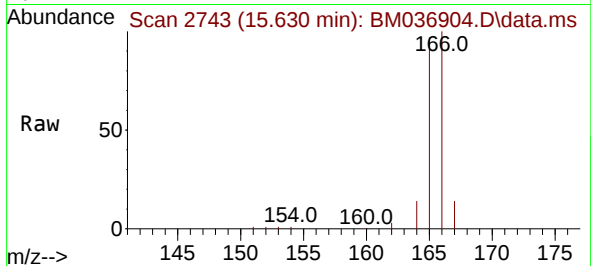




#12
 Fluorene
 Concen: 0.342 ng/ul
 RT: 15.630 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BM036904.D
 Acq: 10 Oct 2022 13:00

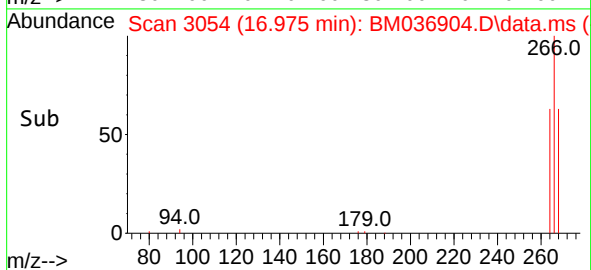
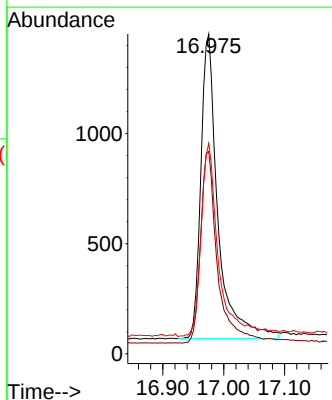
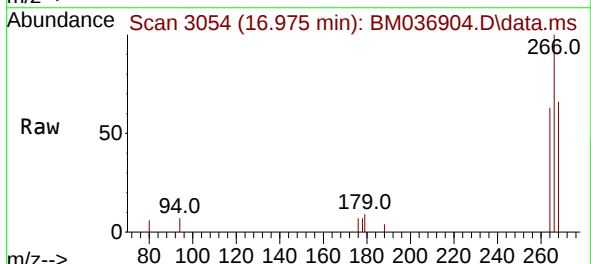
Instrument :
 BNA_M
 ClientSampleId :
 SLCS170

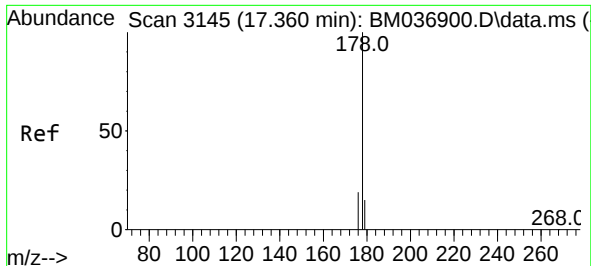
Tgt Ion:166 Resp: 17968
 Ion Ratio Lower Upper
 166 100
 165 97.3 78.9 118.3
 167 13.7 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.430 ng/ul
 RT: 16.975 min Scan# 3054
 Delta R.T. -0.001 min
 Lab File: BM036904.D
 Acq: 10 Oct 2022 13:00

Tgt Ion:266 Resp: 2703
 Ion Ratio Lower Upper
 266 100
 264 62.7 50.3 75.5
 268 64.9 53.5 80.3

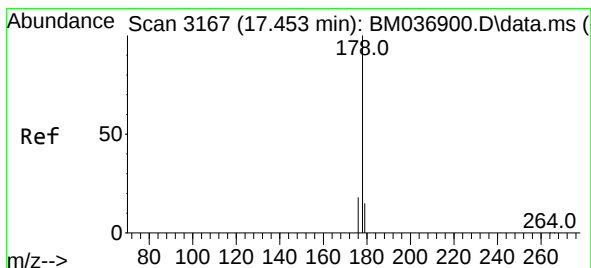
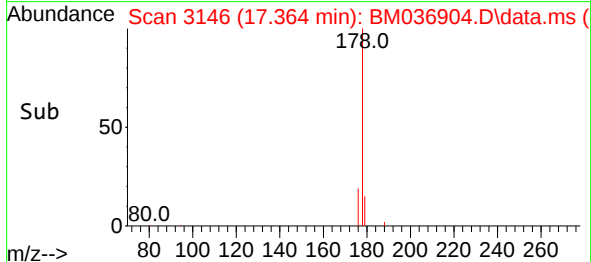
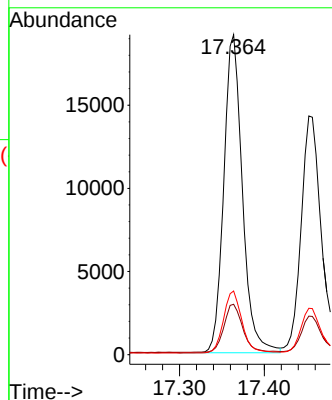
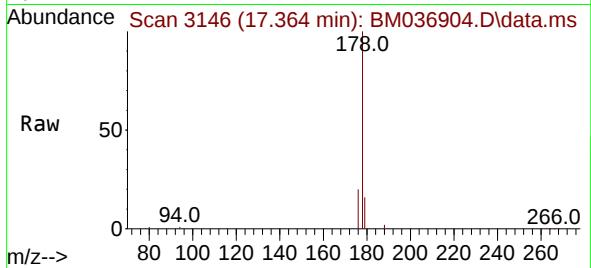




#15
Phenanthrene
Concen: 0.352 ng/ul
RT: 17.364 min Scan# 3145
Delta R.T. -0.001 min
Lab File: BM036904.D
Acq: 10 Oct 2022 13:00

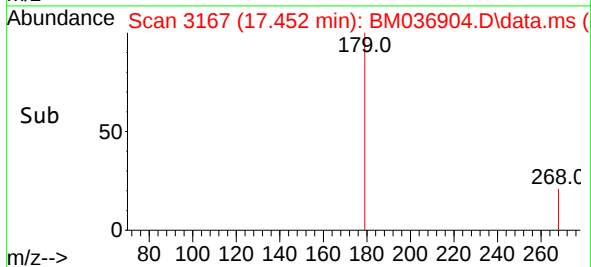
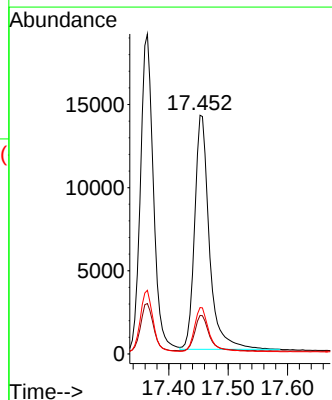
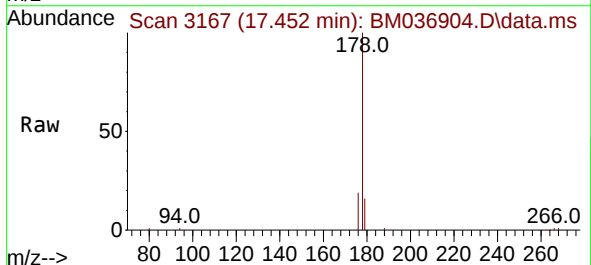
Instrument :
BNA_M
ClientSampleId :
SLCS170

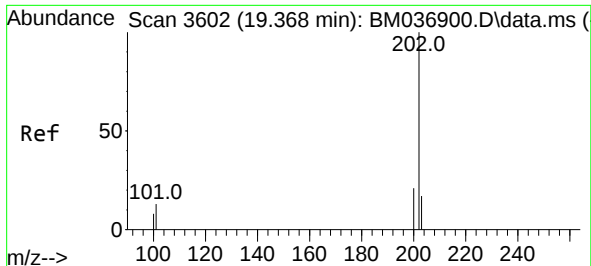
Tgt Ion:178 Resp: 29149
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 19.9 15.6 23.4



#16
Anthracene
Concen: 0.349 ng/ul
RT: 17.452 min Scan# 3167
Delta R.T. -0.001 min
Lab File: BM036904.D
Acq: 10 Oct 2022 13:00

Tgt Ion:178 Resp: 24200
Ion Ratio Lower Upper
178 100
179 16.2 13.6 20.4
176 19.4 15.6 23.4

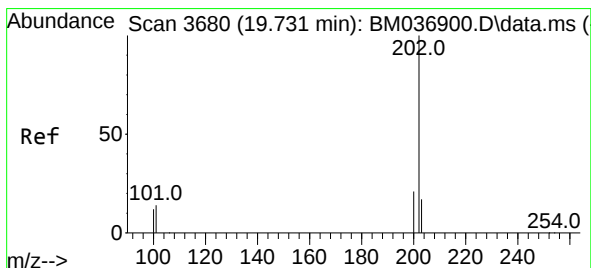
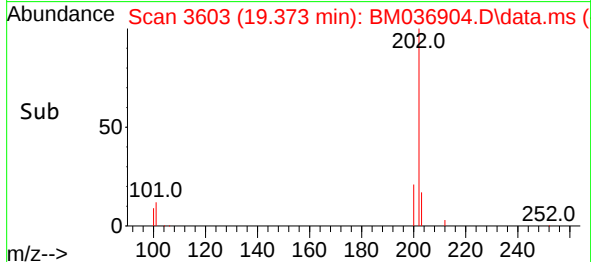
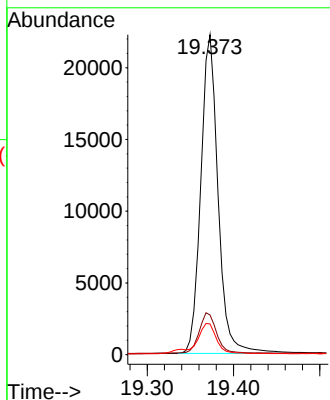
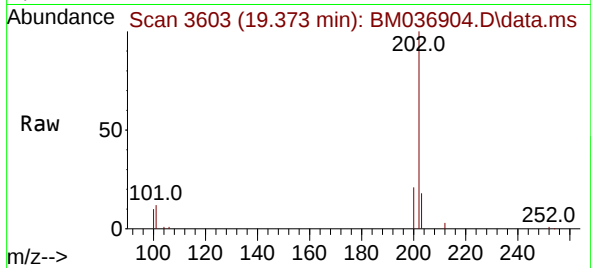




#19
Fluoranthene
Concen: 0.429 ng/ul
RT: 19.373 min Scan# 3603
Delta R.T. -0.001 min
Lab File: BM036904.D
Acq: 10 Oct 2022 13:00

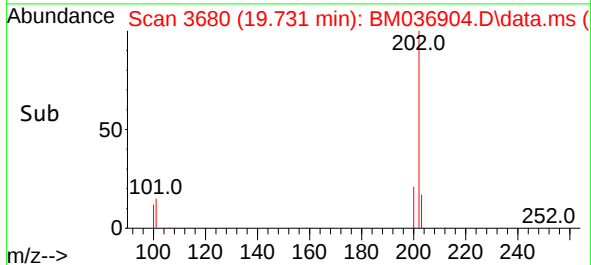
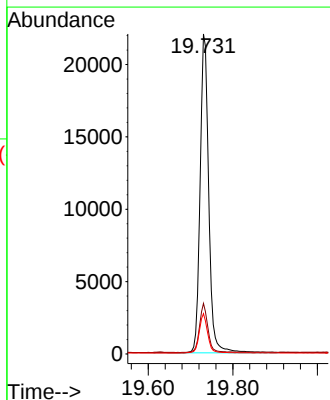
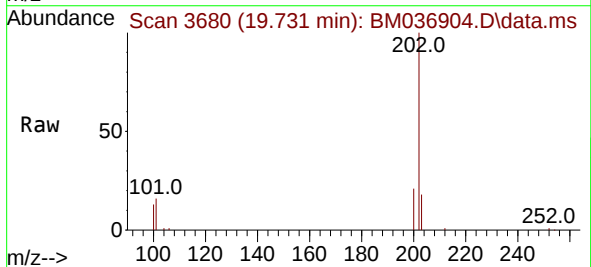
Instrument :
BNA_M
ClientSampleId :
SLCS170

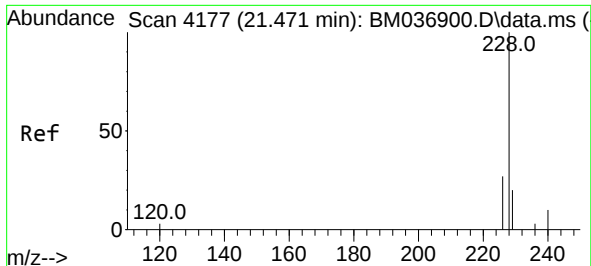
Tgt Ion:202 Resp: 30896
Ion Ratio Lower Upper
202 100
101 12.4 10.1 15.1
100 9.6 7.9 11.9



#20
Pyrene
Concen: 0.414 ng/ul
RT: 19.731 min Scan# 3680
Delta R.T. -0.001 min
Lab File: BM036904.D
Acq: 10 Oct 2022 13:00

Tgt Ion:202 Resp: 31093
Ion Ratio Lower Upper
202 100
101 15.8 12.0 18.0
100 12.6 9.8 14.6

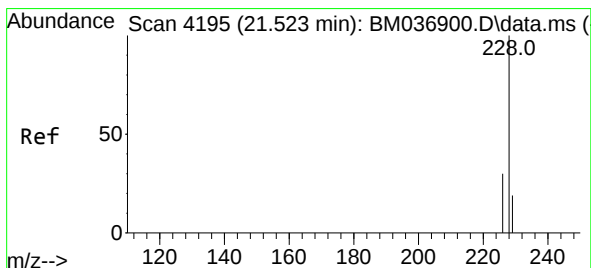
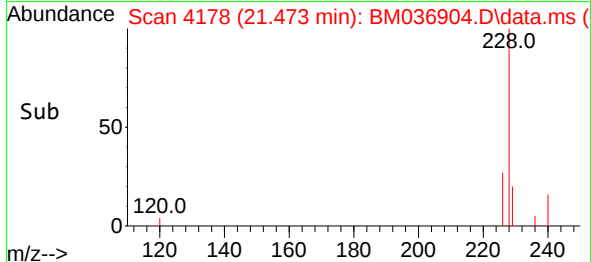
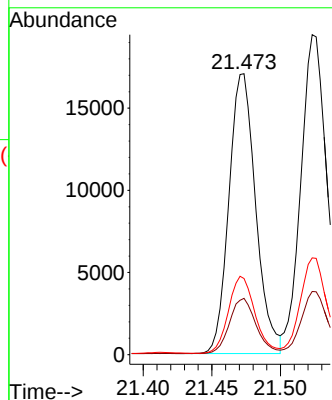
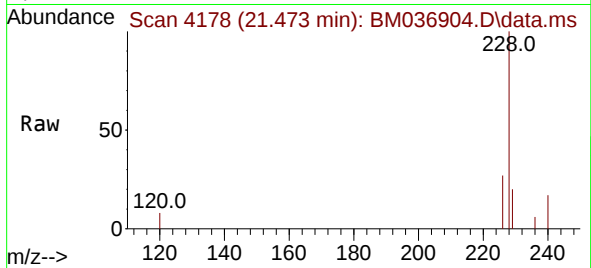




#21
Benzo(a)anthracene
Concen: 0.355 ng/ul
RT: 21.473 min Scan# 4177
Delta R.T. 0.001 min
Lab File: BM036904.D
Acq: 10 Oct 2022 13:00

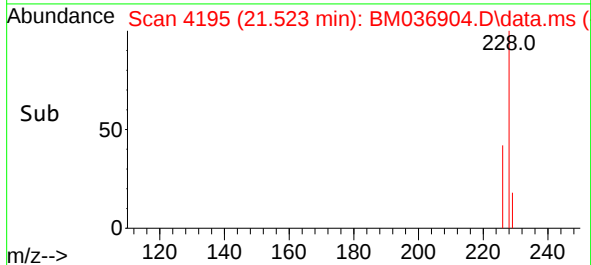
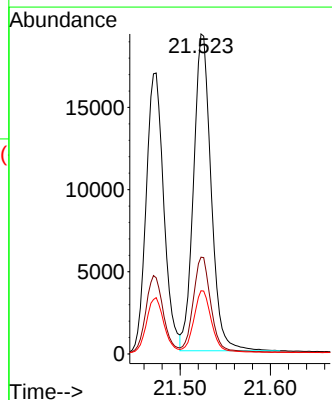
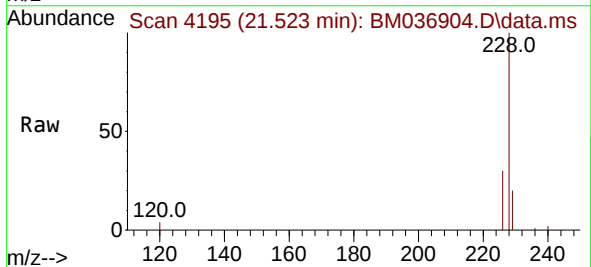
Instrument :
BNA_M
ClientSampleId :
SLCS170

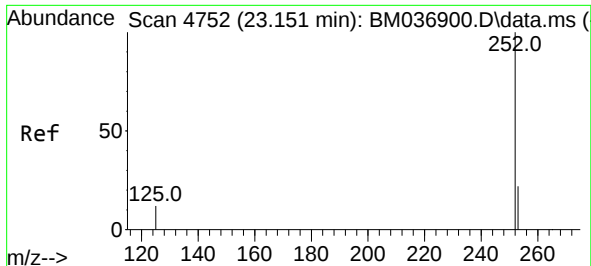
Tgt Ion:228 Resp: 23180
Ion Ratio Lower Upper
228 100
229 20.0 16.2 24.2
226 27.1 22.5 33.7



#22
Chrysene
Concen: 0.371 ng/ul
RT: 21.523 min Scan# 4195
Delta R.T. -0.002 min
Lab File: BM036904.D
Acq: 10 Oct 2022 13:00

Tgt Ion:228 Resp: 26016
Ion Ratio Lower Upper
228 100
226 30.2 24.6 37.0
229 19.7 16.4 24.6

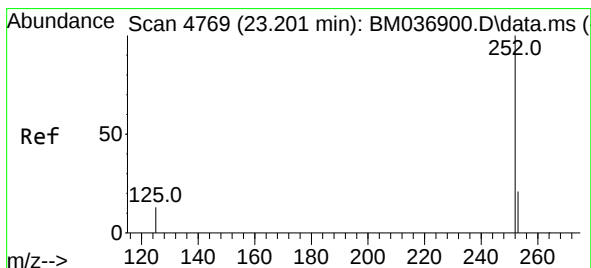
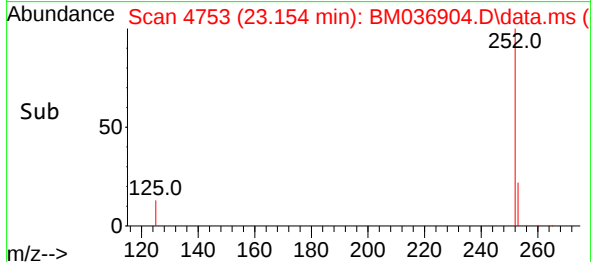
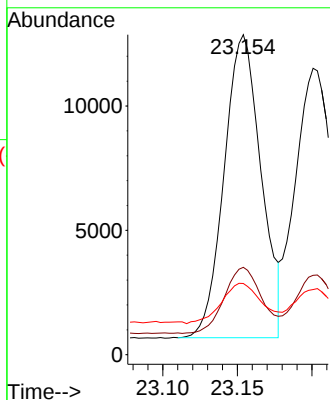
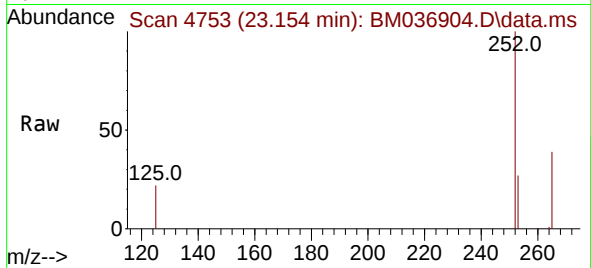




#24
Benzo(b)fluoranthene
Concen: 0.393 ng/ul
RT: 23.154 min Scan# 4753
Delta R.T. -0.002 min
Lab File: BM036904.D
Acq: 10 Oct 2022 13:00

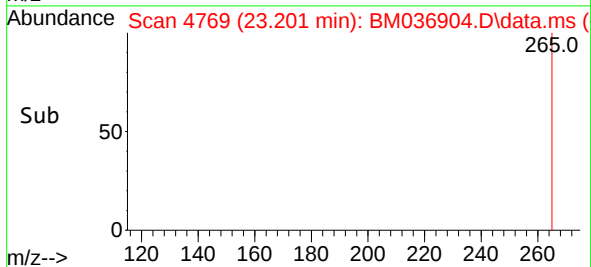
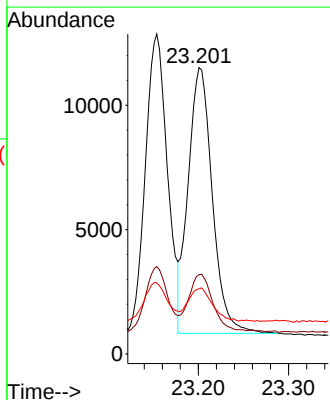
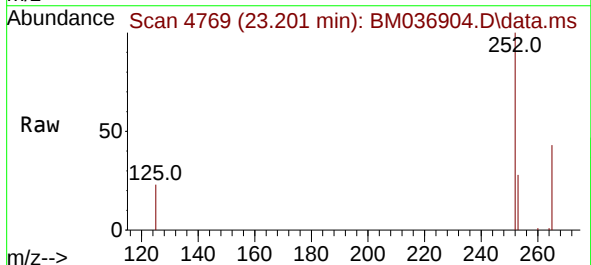
Instrument :
BNA_M
ClientSampleId :
SLCS170

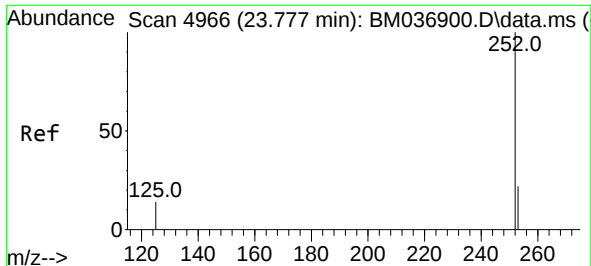
Tgt Ion:252 Resp: 21020
Ion Ratio Lower Upper
252 100
253 27.3 0.0 61.4
125 22.2 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.382 ng/ul
RT: 23.201 min Scan# 4769
Delta R.T. -0.002 min
Lab File: BM036904.D
Acq: 10 Oct 2022 13:00

Tgt Ion:252 Resp: 19900
Ion Ratio Lower Upper
252 100
253 27.7 25.2 37.8
125 22.7 18.3 27.5

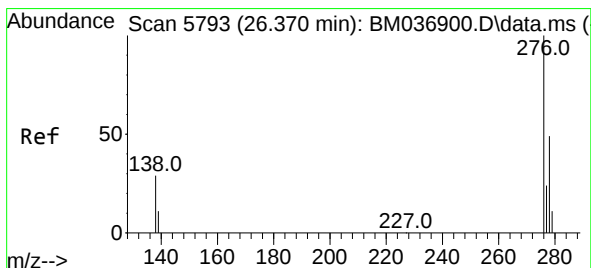
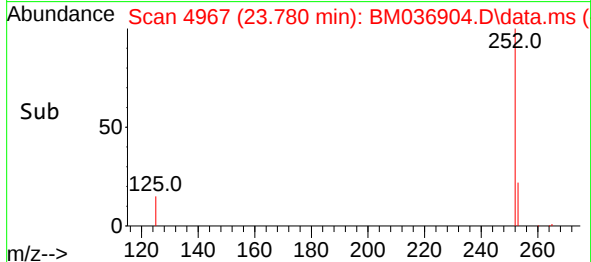
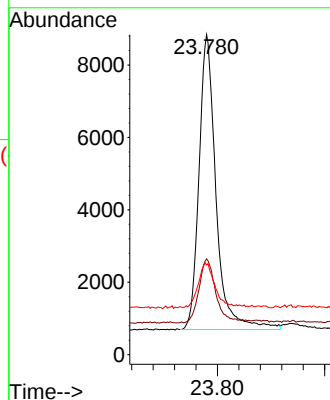
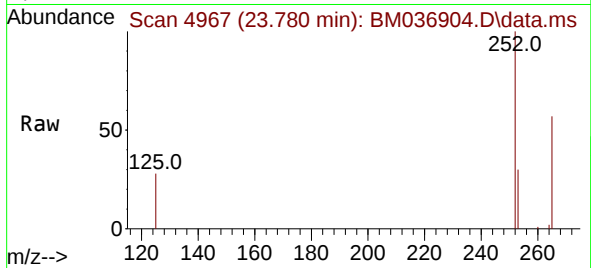




#26
Benzo(a)pyrene
Concen: 0.414 ng/ul
RT: 23.780 min Scan# 4966
Delta R.T. -0.002 min
Lab File: BM036904.D
Acq: 10 Oct 2022 13:00

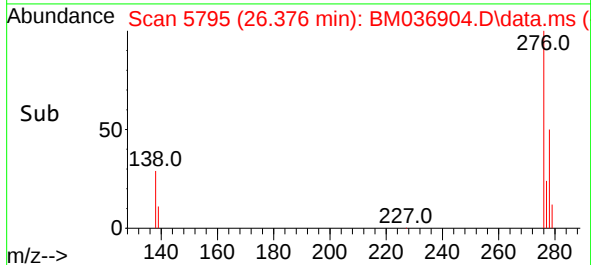
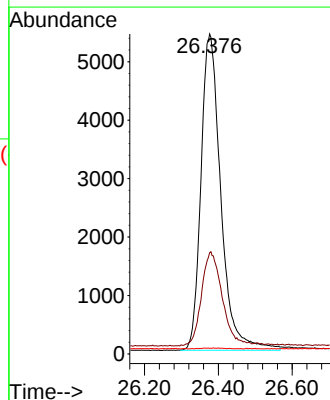
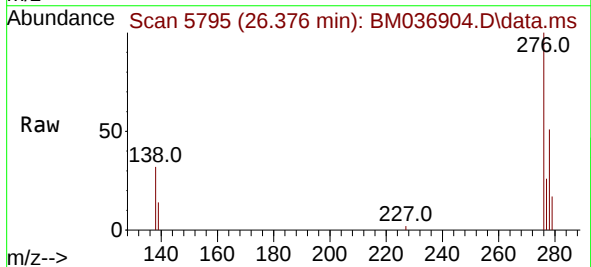
Instrument :
BNA_M
ClientSampleId :
SLCS170

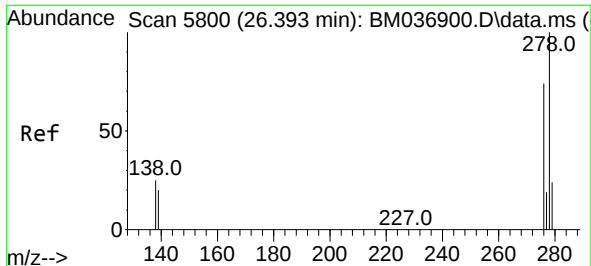
Tgt Ion:	252	Resp:	17978
Ion Ratio	Lower	Upper	
252	100		
253	30.0	29.7	44.5
125	28.0	23.6	35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.329 ng/ul
RT: 26.376 min Scan# 5795
Delta R.T. -0.006 min
Lab File: BM036904.D
Acq: 10 Oct 2022 13:00

Tgt Ion:	276	Resp:	20197
Ion Ratio	Lower	Upper	
276	100		
138	31.2	23.9	35.9
227	0.2	0.1	0.1

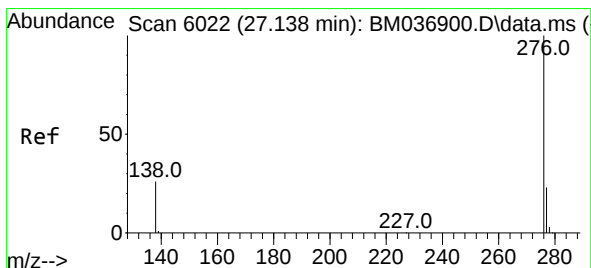
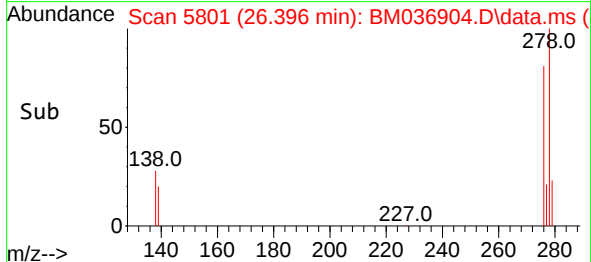
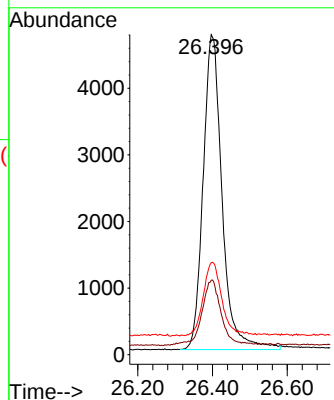
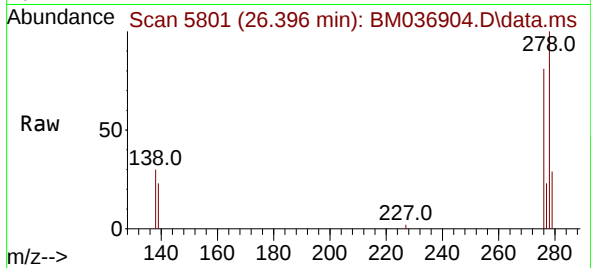




#28
Dibenzo(a,h)anthracene
Concen: 0.335 ng/ul
RT: 26.396 min Scan# 5800
Delta R.T. -0.003 min
Lab File: BM036904.D
Acq: 10 Oct 2022 13:00

Instrument :
BNA_M
ClientSampleId :
SLCS170

Tgt Ion:278 Resp: 16627
Ion Ratio Lower Upper
278 100
139 23.2 19.8 29.6
279 28.8 27.7 41.5



#29
Benzo(g,h,i)perylene
Concen: 0.340 ng/ul
RT: 27.144 min Scan# 6024
Delta R.T. -0.003 min
Lab File: BM036904.D
Acq: 10 Oct 2022 13:00

Tgt Ion:276 Resp: 18414
Ion Ratio Lower Upper
276 100
138 28.9 23.4 35.0
277 25.7 21.0 31.4

