

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100722\
 Data File : BM036889.D
 Acq On : 08 Oct 2022 10:54
 Operator : CG/JU
 Sample : PB148003BS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS003

Quant Time: Oct 10 01:25:22 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)

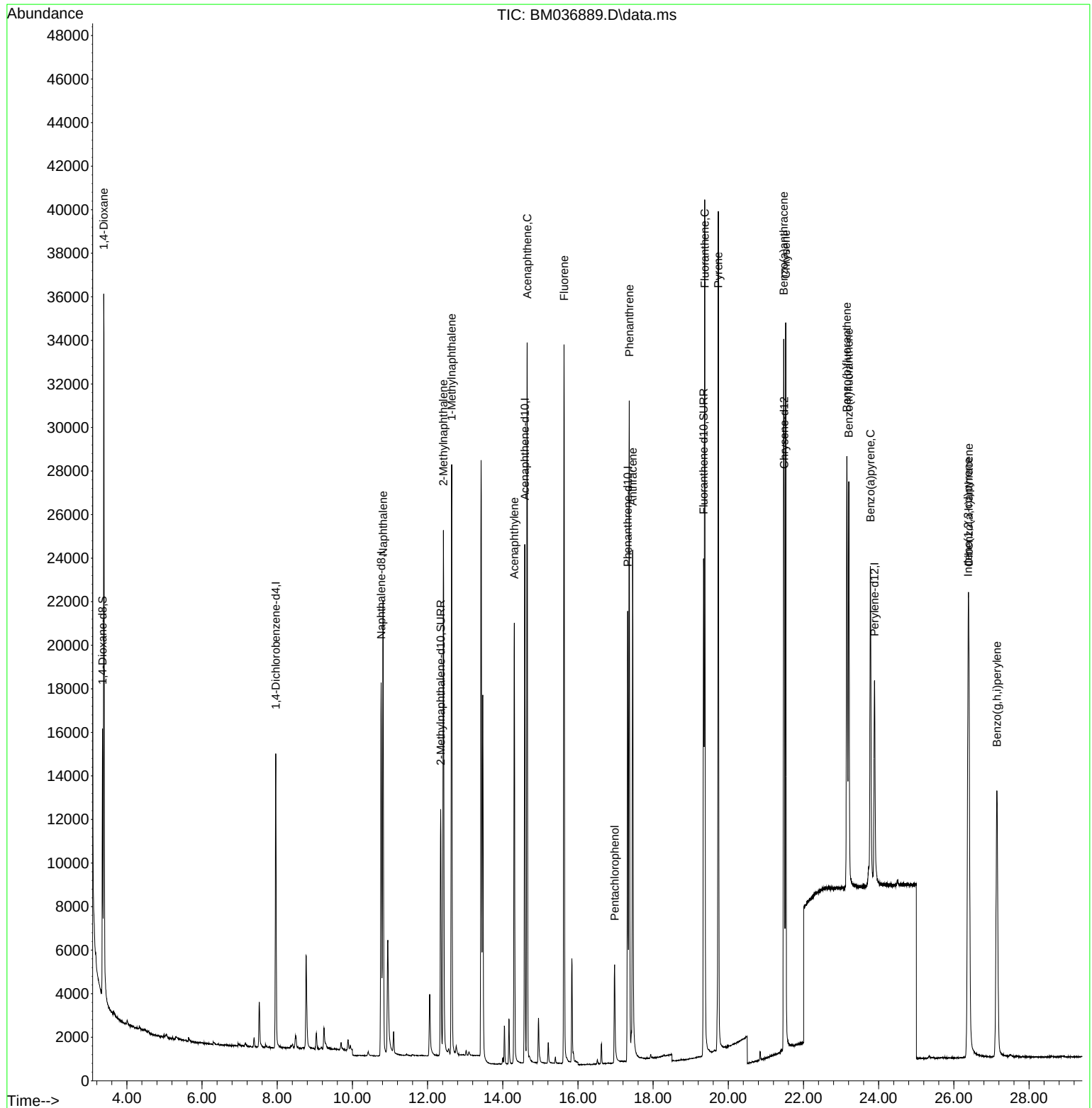
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	7105	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	24099	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.584	164	12976	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.322	188	24818	0.400	ng/ul	0.00
17) Chrysene-d12	21.488	240	16447	0.400	ng/ul	0.00
23) Perylene-d12	23.891	264	13364	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	7435	0.742	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	15822	0.435	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	26205	0.533	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.386	88	19966	2.038	ng/ul#	78
5) Naphthalene	10.815	128	28785	0.418	ng/ul	96
7) 2-Methylnaphthalene	12.420	142	18059	0.429	ng/ul	91
8) 1-Methylnaphthalene	12.640	142	18816	0.440	ng/ul	99
10) Acenaphthylene	14.307	152	23788	0.441	ng/ul	98
11) Acenaphthene	14.649	153	19314	0.413	ng/ul	99
12) Fluorene	15.630	166	21511	0.406	ng/ul	99
14) Pentachlorophenol	16.976	266	3814	0.635	ng/ul	97
15) Phenanthrene	17.364	178	33297	0.420	ng/ul	99
16) Anthracene	17.457	178	28095	0.424	ng/ul	99
19) Fluoranthene	19.373	202	33944	0.519	ng/ul	99
20) Pyrene	19.735	202	33851	0.496	ng/ul	97
21) Benzo(a)anthracene	21.474	228	26267	0.442	ng/ul	99
22) Chrysene	21.526	228	28881	0.453	ng/ul	98
24) Benzo(b)fluoranthene	23.154	252	26659	0.447	ng/ul	96
25) Benzo(k)fluoranthene	23.204	252	25069	0.431	ng/ul	94
26) Benzo(a)pyrene	23.780	252	24169	0.499	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.380	276	29799	0.434	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.397	278	24604	0.444	ng/ul#	91
29) Benzo(g,h,i)perylene	27.145	276	27028	0.447	ng/ul	97

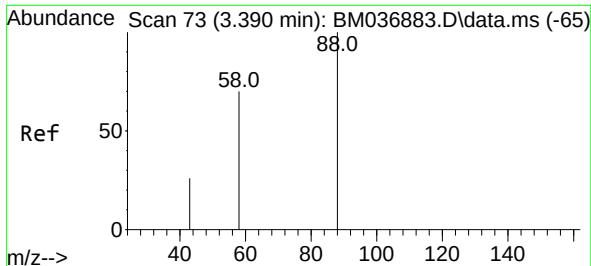
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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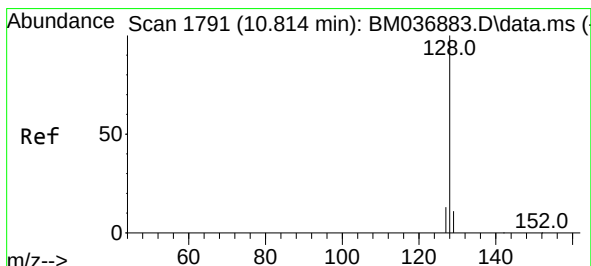
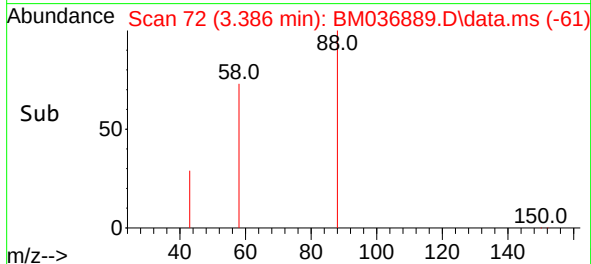
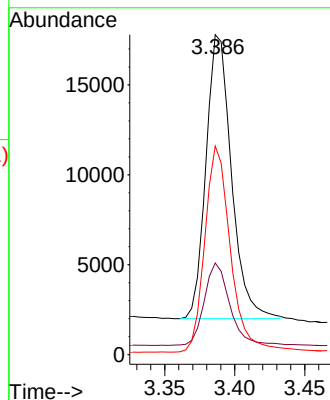
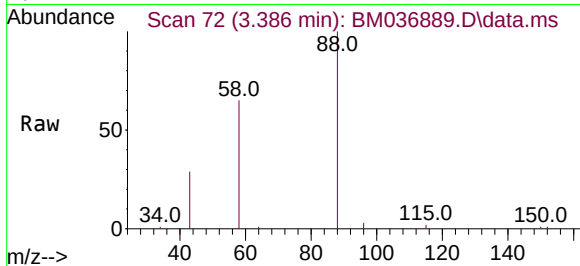




#2
1,4-Dioxane
Concen: 2.038 ng/ul
RT: 3.386 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM036889.D
Acq: 08 Oct 2022 10:54

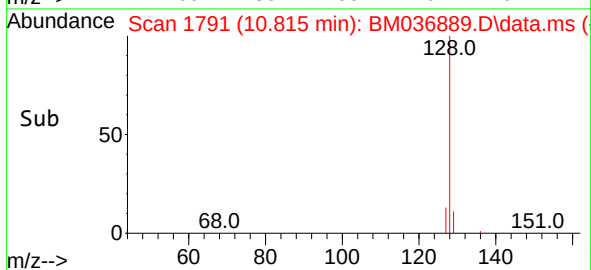
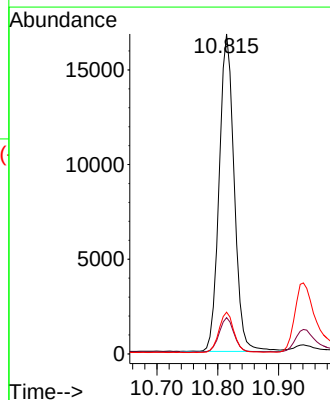
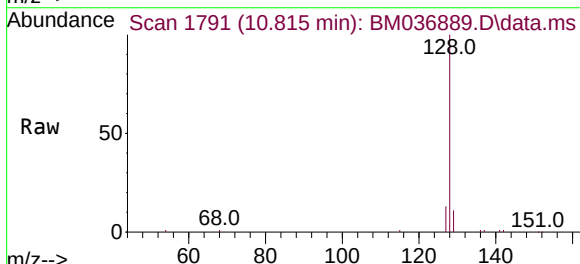
Instrument :
BNA_M
ClientSampleId :
SLCS003

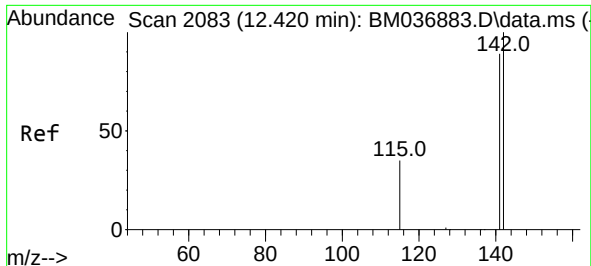
Tgt Ion: 88 Resp: 19966
Ion Ratio Lower Upper
88 100
43 28.6 37.8 56.6#
58 65.2 42.6 63.8#



#5
Naphthalene
Concen: 0.418 ng/ul
RT: 10.815 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BM036889.D
Acq: 08 Oct 2022 10:54

Tgt Ion: 128 Resp: 28785
Ion Ratio Lower Upper
128 100
129 11.3 10.2 15.2
127 13.0 11.7 17.5

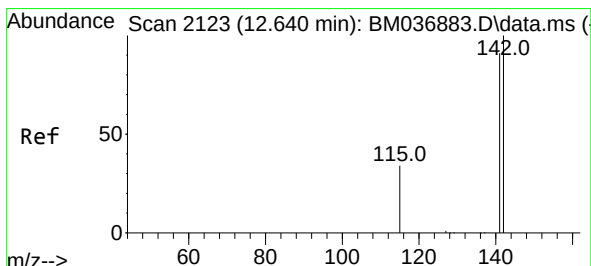
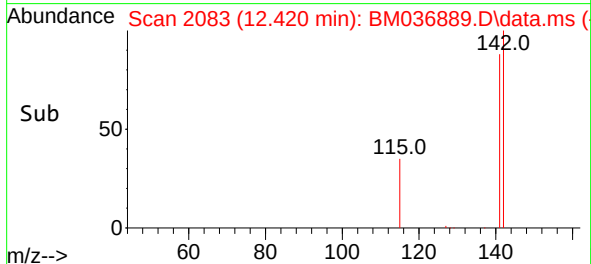
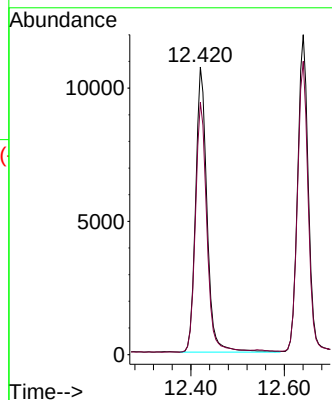
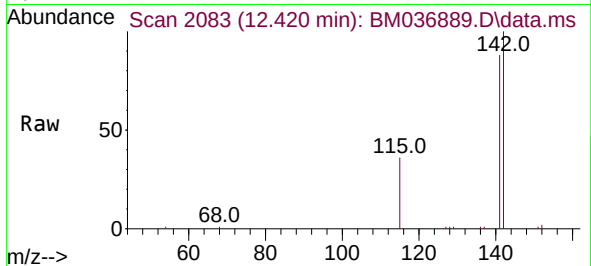




#7
2-Methylnaphthalene
Concen: 0.429 ng/ul
RT: 12.420 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BM036889.D
Acq: 08 Oct 2022 10:54

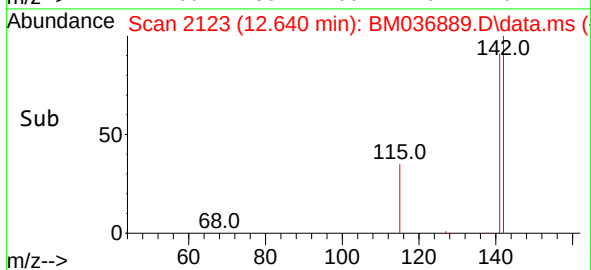
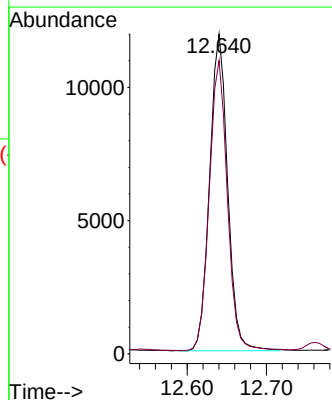
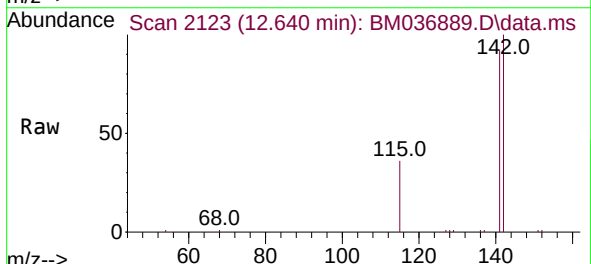
Instrument :
BNA_M
ClientSampleId :
SLCS003

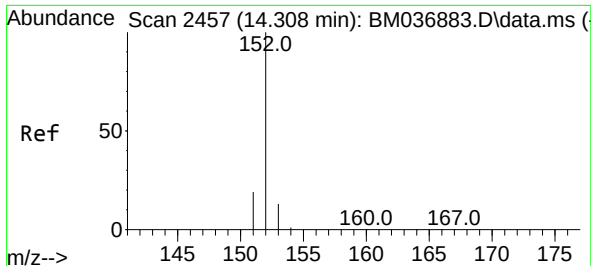
Tgt Ion:142 Resp: 18059
Ion Ratio Lower Upper
142 100
141 88.3 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.440 ng/ul
RT: 12.640 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BM036889.D
Acq: 08 Oct 2022 10:54

Tgt Ion:142 Resp: 18816
Ion Ratio Lower Upper
142 100
141 91.4 74.1 111.1

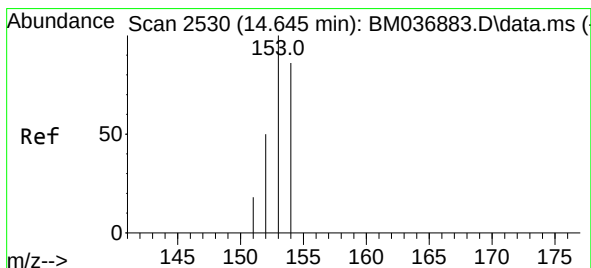
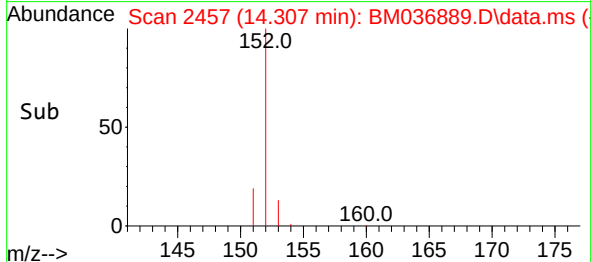
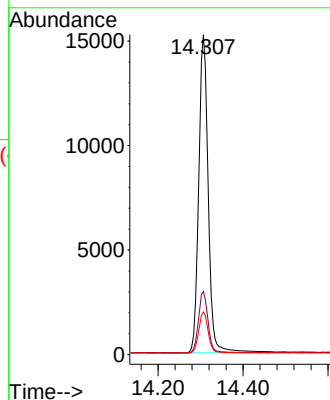
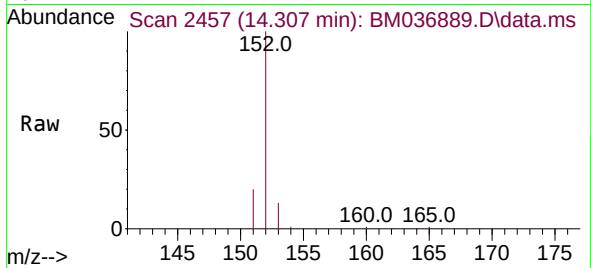




#10
Acenaphthylene
Concen: 0.441 ng/ul
RT: 14.307 min Scan# 2457
Delta R.T. -0.001 min
Lab File: BM036889.D
Acq: 08 Oct 2022 10:54

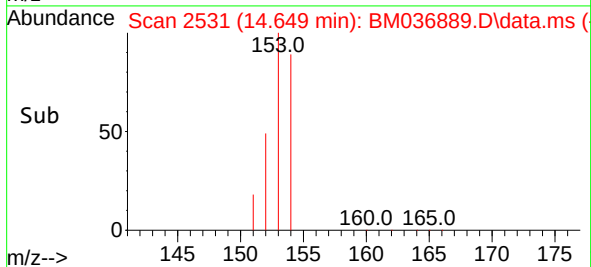
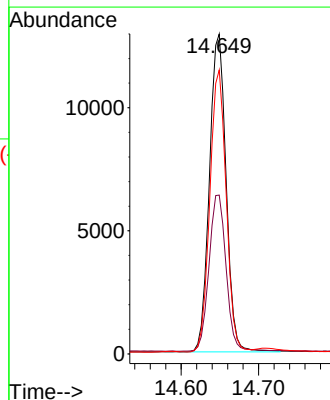
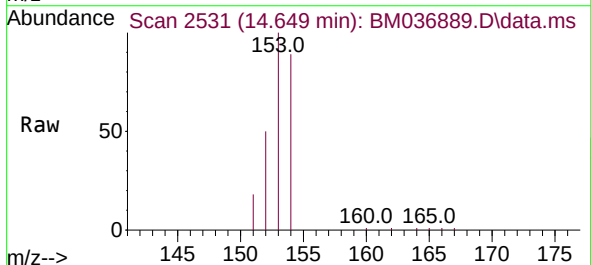
Instrument :
BNA_M
ClientSampleId :
SLCS003

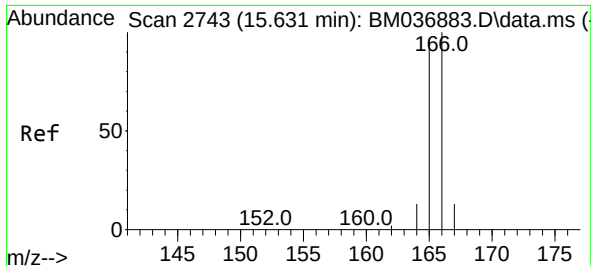
Tgt Ion:152 Resp: 23788
Ion Ratio Lower Upper
152 100
151 19.7 16.6 24.8
153 13.3 11.4 17.0



#11
Acenaphthene
Concen: 0.413 ng/ul
RT: 14.649 min Scan# 2531
Delta R.T. 0.004 min
Lab File: BM036889.D
Acq: 08 Oct 2022 10:54

Tgt Ion:153 Resp: 19314
Ion Ratio Lower Upper
153 100
152 49.6 40.2 60.4
154 88.7 69.7 104.5

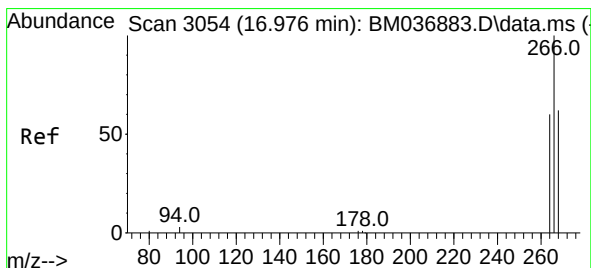
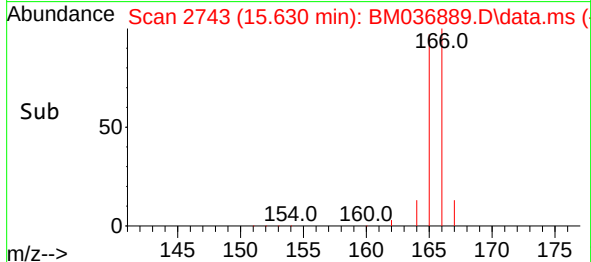
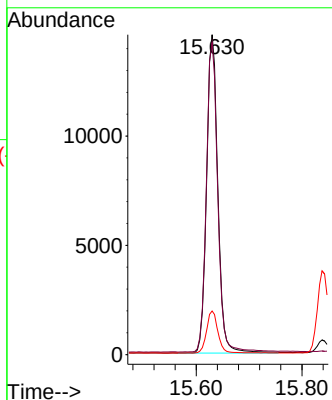
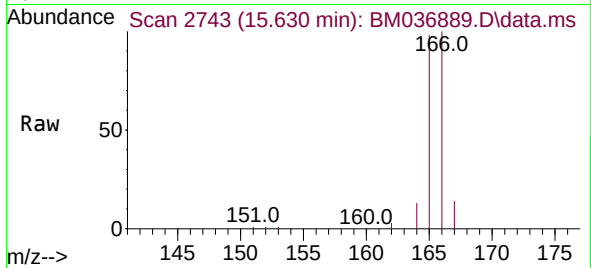




#12
 Fluorene
 Concen: 0.406 ng/ul
 RT: 15.630 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BM036889.D
 Acq: 08 Oct 2022 10:54

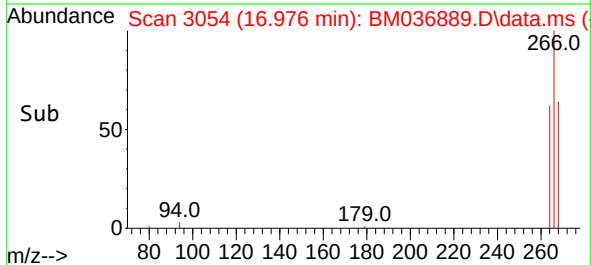
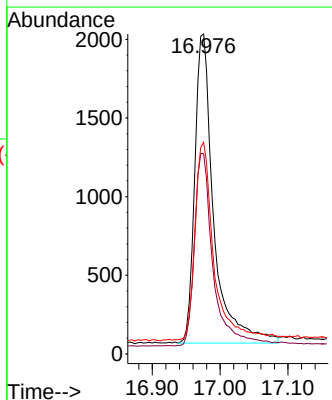
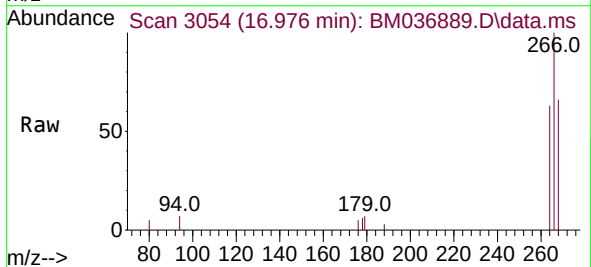
Instrument :
 BNA_M
 ClientSampleId :
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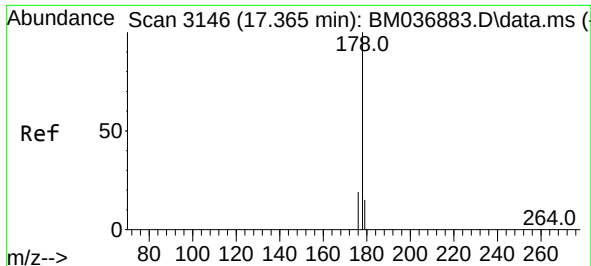
Tgt Ion:166	Resp:	21511
Ion Ratio	Lower	Upper
166	100	
165	97.5	78.9 118.3
167	13.6	11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.635 ng/ul
 RT: 16.976 min Scan# 3054
 Delta R.T. -0.001 min
 Lab File: BM036889.D
 Acq: 08 Oct 2022 10:54

Tgt Ion:266	Resp:	3814
Ion Ratio	Lower	Upper
266	100	
264	61.8	50.3 75.5
268	63.4	53.5 80.3

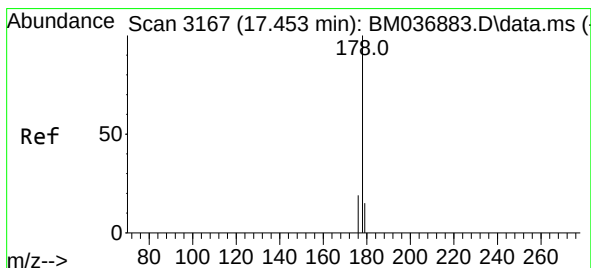
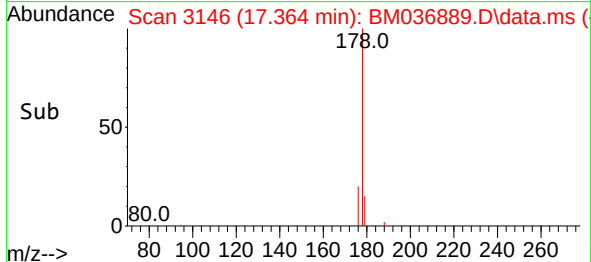
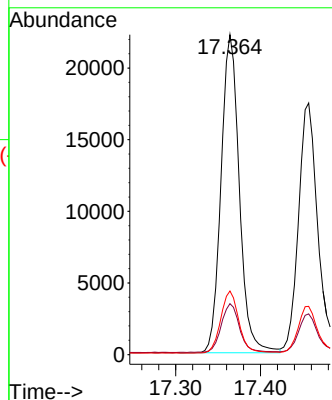
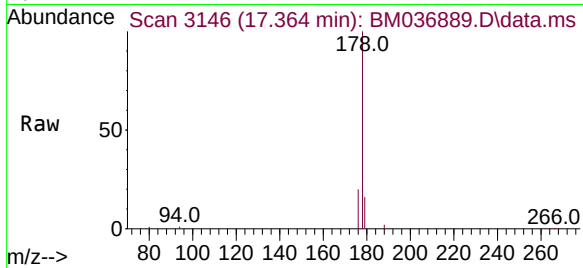




#15
Phenanthrene
Concen: 0.420 ng/ul
RT: 17.364 min Scan# 3146
Delta R.T. -0.001 min
Lab File: BM036889.D
Acq: 08 Oct 2022 10:54

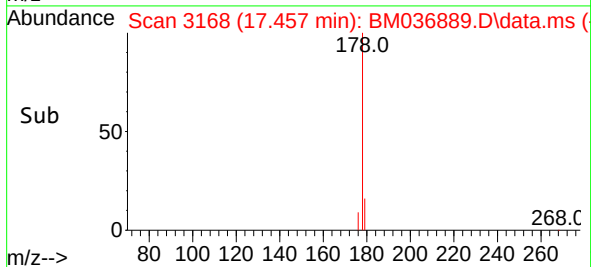
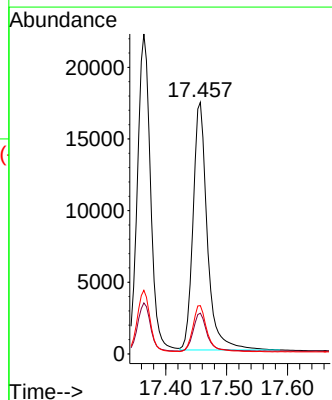
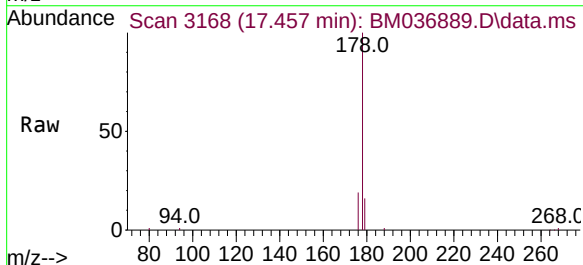
Instrument :
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ClientSampleId :
SLCS003

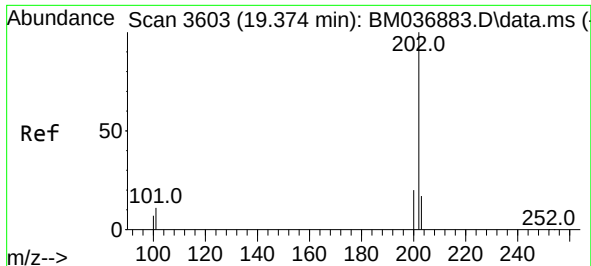
Tgt Ion:178 Resp: 33297
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 19.9 15.6 23.4



#16
Anthracene
Concen: 0.424 ng/ul
RT: 17.457 min Scan# 3168
Delta R.T. 0.003 min
Lab File: BM036889.D
Acq: 08 Oct 2022 10:54

Tgt Ion:178 Resp: 28095
Ion Ratio Lower Upper
178 100
179 16.2 13.6 20.4
176 19.2 15.6 23.4

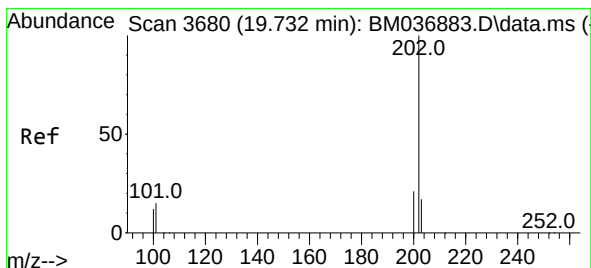
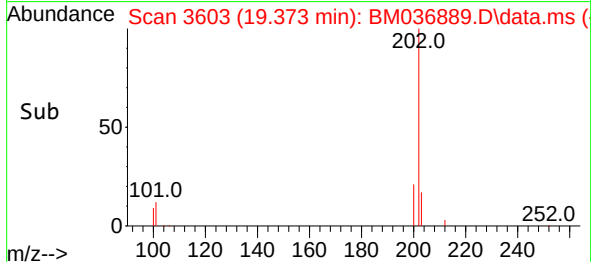
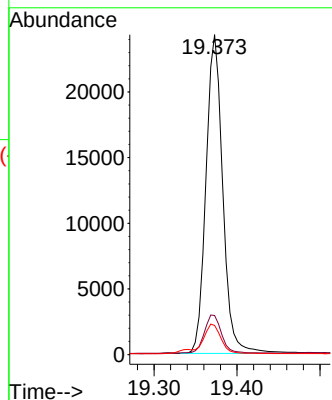
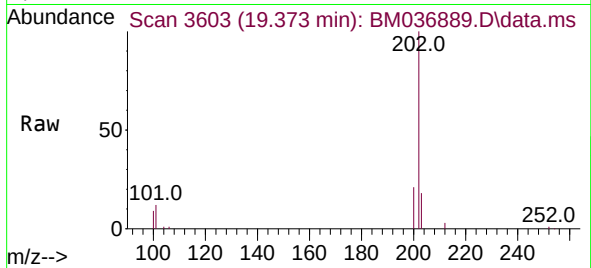




#19
Fluoranthene
Concen: 0.519 ng/ul
RT: 19.373 min Scan# 3603
Delta R.T. -0.001 min
Lab File: BM036889.D
Acq: 08 Oct 2022 10:54

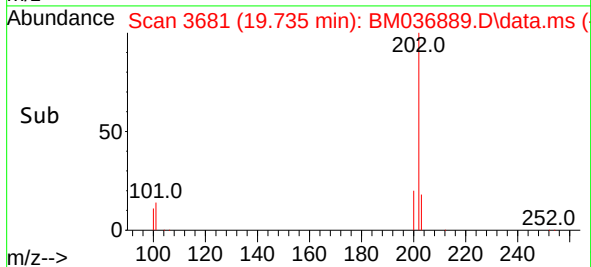
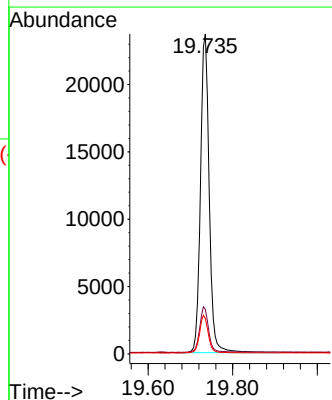
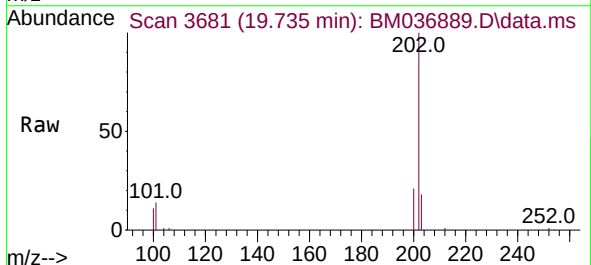
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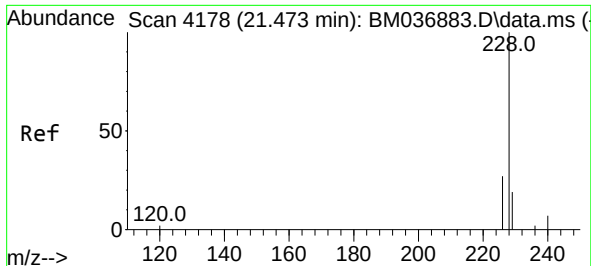
Tgt Ion:202 Resp: 33944
Ion Ratio Lower Upper
202 100
101 12.2 10.1 15.1
100 9.1 7.9 11.9



#20
Pyrene
Concen: 0.496 ng/ul
RT: 19.735 min Scan# 3681
Delta R.T. 0.004 min
Lab File: BM036889.D
Acq: 08 Oct 2022 10:54

Tgt Ion:202 Resp: 33851
Ion Ratio Lower Upper
202 100
101 13.9 12.0 18.0
100 11.1 9.8 14.6

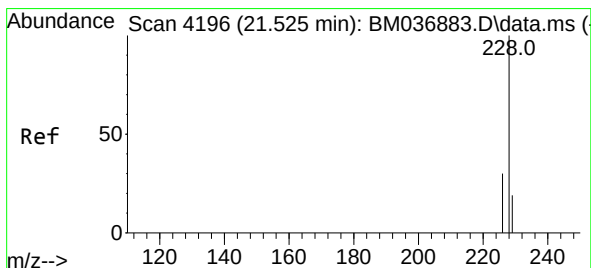
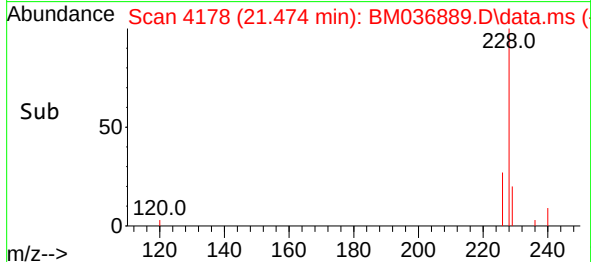
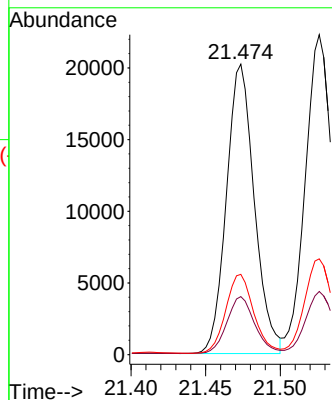
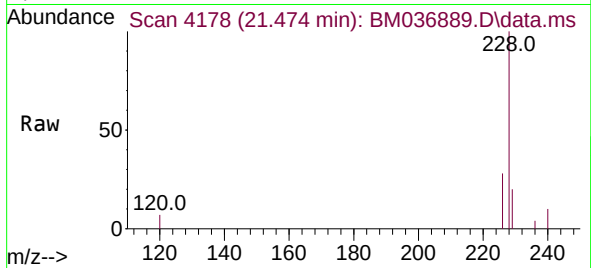




#21
Benzo(a)anthracene
Concen: 0.442 ng/ul
RT: 21.474 min Scan# 4178
Delta R.T. 0.001 min
Lab File: BM036889.D
Acq: 08 Oct 2022 10:54

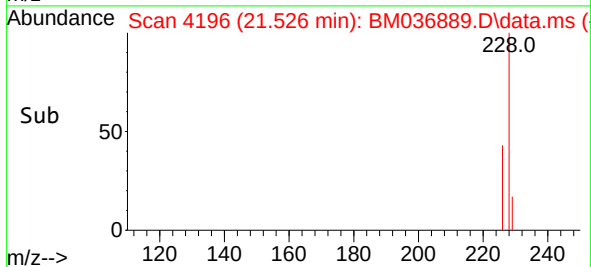
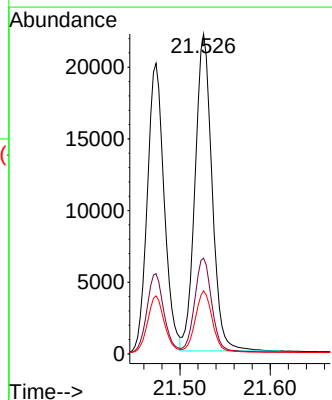
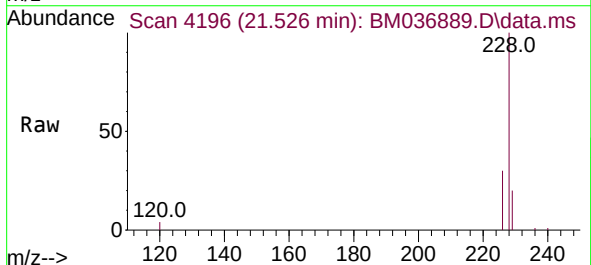
Instrument :
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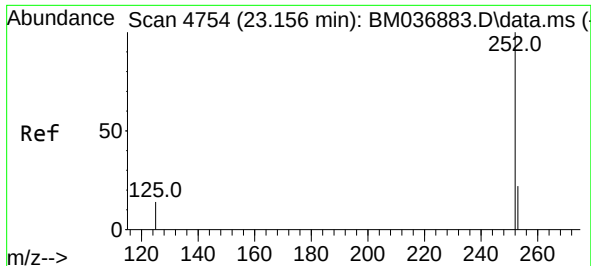
Tgt Ion:228 Resp: 26267
Ion Ratio Lower Upper
228 100
229 19.9 16.2 24.2
226 27.6 22.5 33.7



#22
Chrysene
Concen: 0.453 ng/ul
RT: 21.526 min Scan# 4196
Delta R.T. 0.001 min
Lab File: BM036889.D
Acq: 08 Oct 2022 10:54

Tgt Ion:228 Resp: 28881
Ion Ratio Lower Upper
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226 29.9 24.6 37.0
229 19.7 16.4 24.6

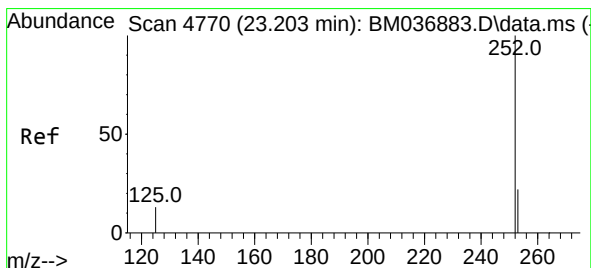
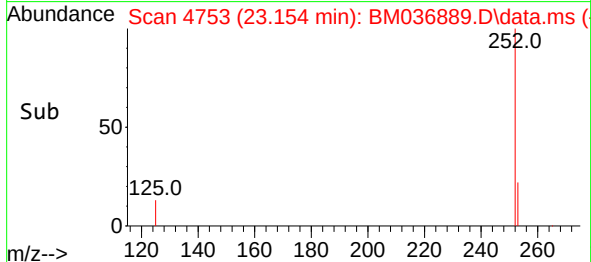
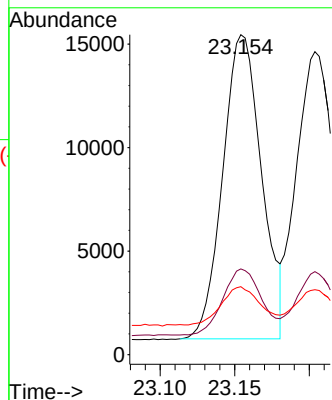
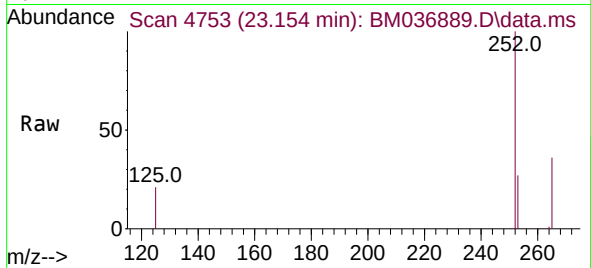




#24
Benzo(b)fluoranthene
Concen: 0.447 ng/ul
RT: 23.154 min Scan# 4754
Delta R.T. -0.002 min
Lab File: BM036889.D
Acq: 08 Oct 2022 10:54

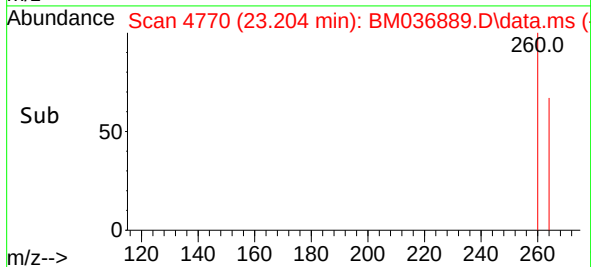
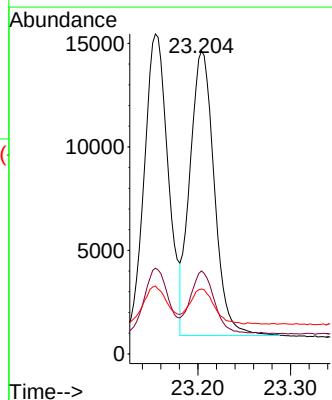
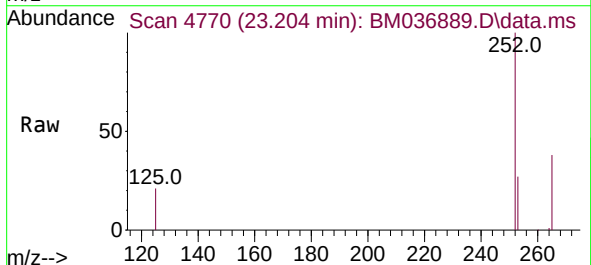
Instrument :
BNA_M
ClientSampleId :
SLCS003

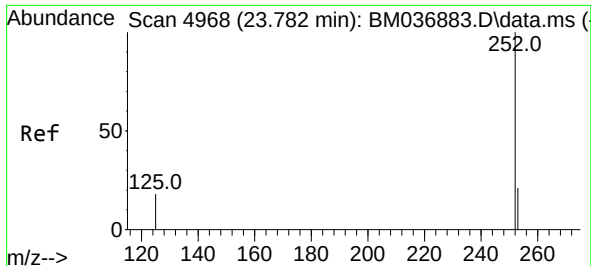
Tgt Ion:252 Resp: 26659
Ion Ratio Lower Upper
252 100
253 26.8 0.0 61.4
125 21.2 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.431 ng/ul
RT: 23.204 min Scan# 4770
Delta R.T. 0.001 min
Lab File: BM036889.D
Acq: 08 Oct 2022 10:54

Tgt Ion:252 Resp: 25069
Ion Ratio Lower Upper
252 100
253 27.4 25.2 37.8
125 21.4 18.3 27.5

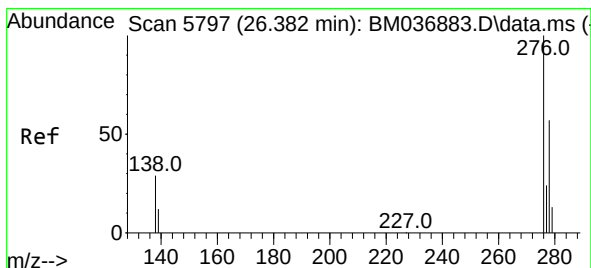
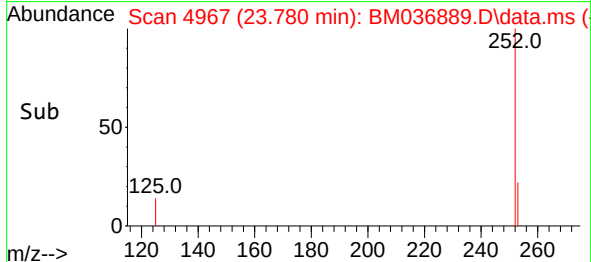
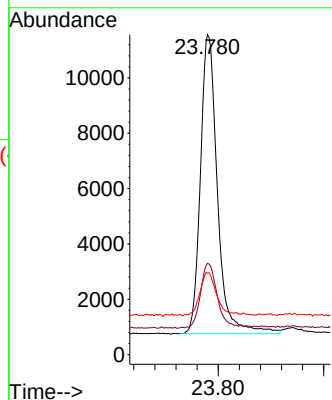
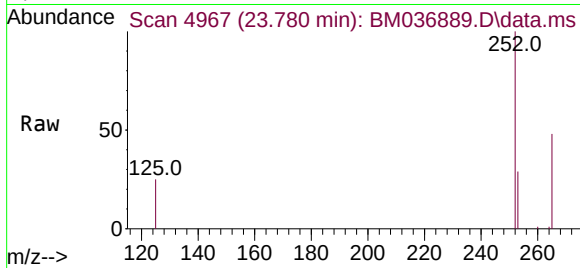




#26
Benzo(a)pyrene
Concen: 0.499 ng/ul
RT: 23.780 min Scan# 4968
Delta R.T. -0.002 min
Lab File: BM036889.D
Acq: 08 Oct 2022 10:54

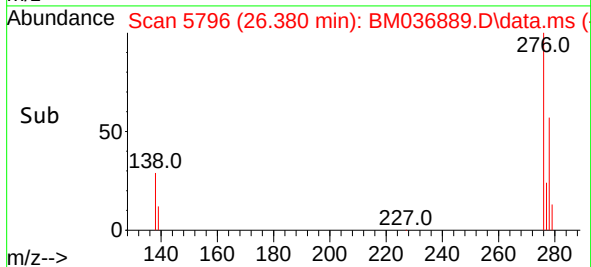
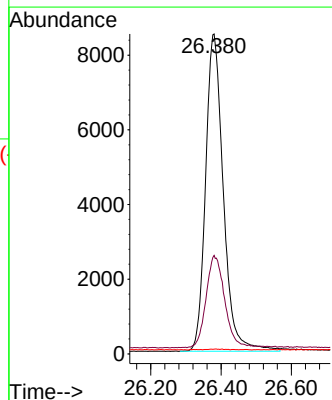
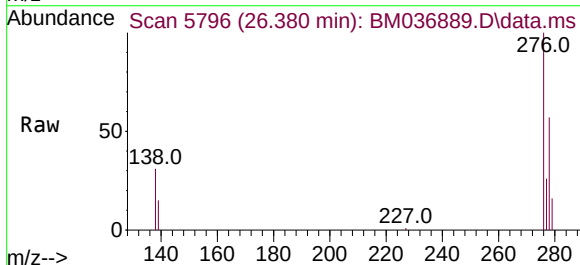
Instrument :
BNA_M
ClientSampleId :
SLCS003

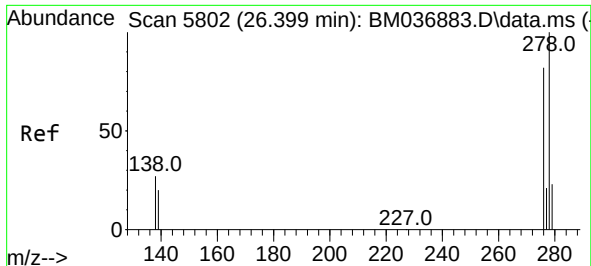
Tgt Ion:252 Resp: 24169
Ion Ratio Lower Upper
252 100
253 28.5 29.7 44.5#
125 25.4 23.6 35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.434 ng/ul
RT: 26.380 min Scan# 5796
Delta R.T. -0.002 min
Lab File: BM036889.D
Acq: 08 Oct 2022 10:54

Tgt Ion:276 Resp: 29799
Ion Ratio Lower Upper
276 100
138 30.6 23.9 35.9
227 0.1 0.1 0.1#

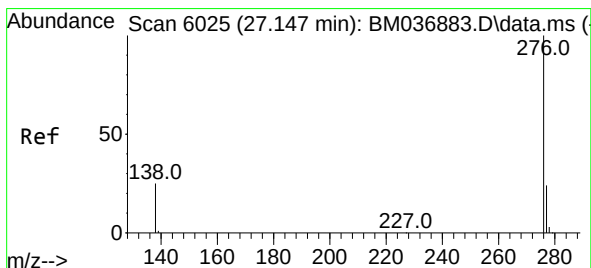
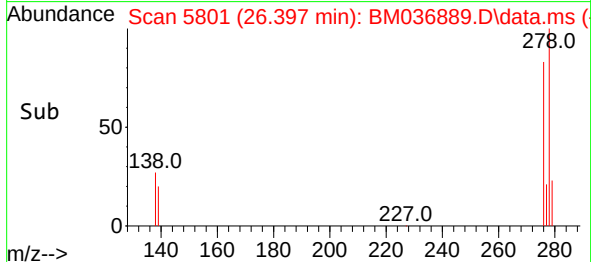
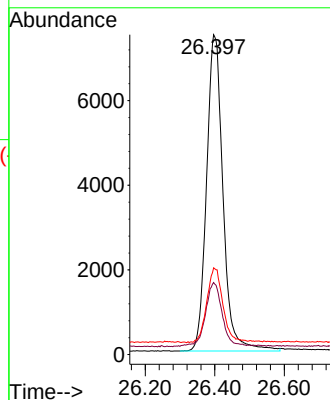
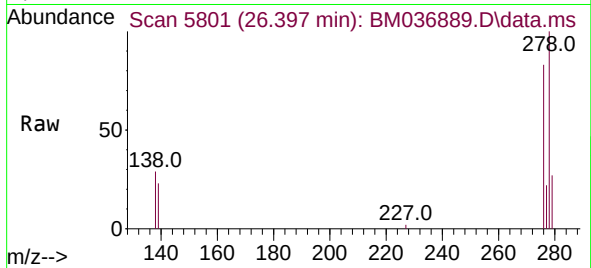




#28
Dibenzo(a,h)anthracene
Concen: 0.444 ng/ul
RT: 26.397 min Scan# 5802
Delta R.T. -0.002 min
Lab File: BM036889.D
Acq: 08 Oct 2022 10:54

Instrument :
BNA_M
ClientSampleId :
SLCS003

Tgt Ion:278 Resp: 24604
Ion Ratio Lower Upper
278 100
139 22.5 19.8 29.6
279 27.1 27.7 41.5#



#29
Benzo(g,h,i)perylene
Concen: 0.447 ng/ul
RT: 27.145 min Scan# 6024
Delta R.T. -0.002 min
Lab File: BM036889.D
Acq: 08 Oct 2022 10:54

Tgt Ion:276 Resp: 27028
Ion Ratio Lower Upper
276 100
138 27.9 23.4 35.0
277 24.7 21.0 31.4

