

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
 Data File : BM042661.D
 Acq On : 08 Nov 2023 22:11
 Operator : MA/JU
 Sample : PB156830BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS830

Quant Time: Nov 08 22:56:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 02:23:03 2023
 Response via : Initial Calibration

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

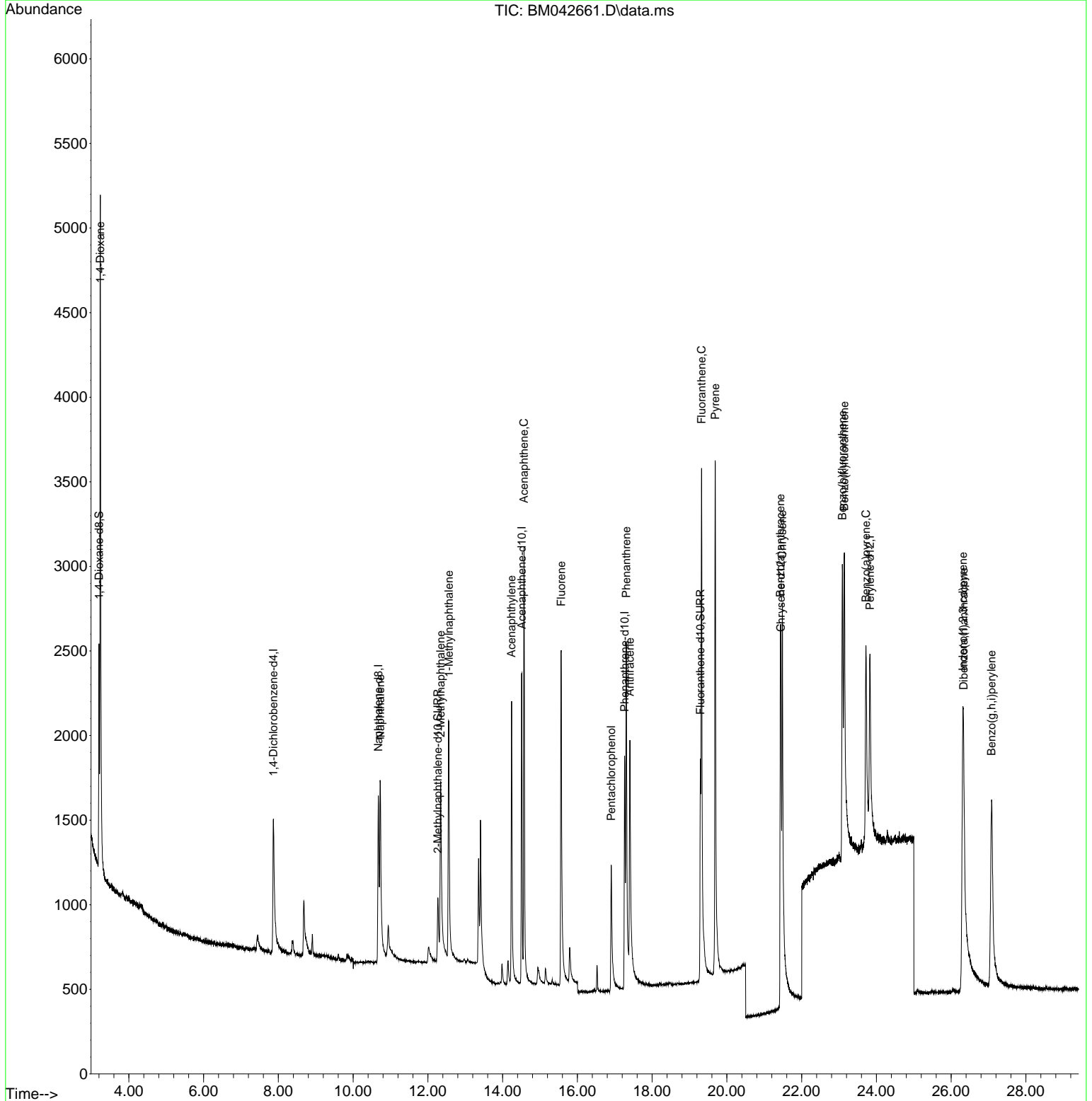
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	752	0.400	ng/ul	0.00
4) Naphthalene-d8	10.673	136	2038	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.511	164	1088	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.264	188	2117	0.400	ng/ul	0.00
17) Chrysene-d12	21.447	240	1589	0.400	ng/ul	0.00
23) Perylene-d12	23.829	264	1918	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.202	96	814	0.819	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.267	152	864	0.304	ng/ul	0.00
18) Fluoranthene-d10	19.290	212	1953	0.355	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.235	88	2531	2.143	ng/ul#	59
5) Naphthalene	10.728	128	2130	0.324	ng/ul	93
7) 2-Methylnaphthalene	12.339	142	1297	0.307	ng/ul	94
8) 1-Methylnaphthalene	12.559	142	1263	0.295	ng/ul	99
10) Acenaphthylene	14.238	152	2401	0.323	ng/ul	95
11) Acenaphthene	14.571	153	1687	0.334	ng/ul	97
12) Fluorene	15.566	166	1869	0.323	ng/ul#	99
14) Pentachlorophenol	16.905	266	775	0.718	ng/ul	98
15) Phenanthrene	17.306	178	2858	0.348	ng/ul	98
16) Anthracene	17.403	178	2349	0.316	ng/ul	95
19) Fluoranthene	19.323	202	3380	0.340	ng/ul	98
20) Pyrene	19.690	202	3750	0.343	ng/ul	99
21) Benzo(a)anthracene	21.432	228	2285	0.323	ng/ul	99
22) Chrysene	21.482	228	2582	0.353	ng/ul	97
24) Benzo(b)fluoranthene	23.089	252	2734	0.353	ng/ul	96
25) Benzo(k)fluoranthene	23.139	252	3001	0.370	ng/ul	96
26) Benzo(a)pyrene	23.721	252	3065	0.382	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.312	276	3857	0.370	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.332	278	2862	0.384	ng/ul	96
29) Benzo(g,h,i)perylene	27.080	276	3554	0.367	ng/ul	99

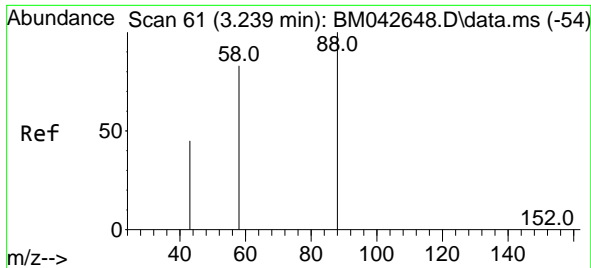
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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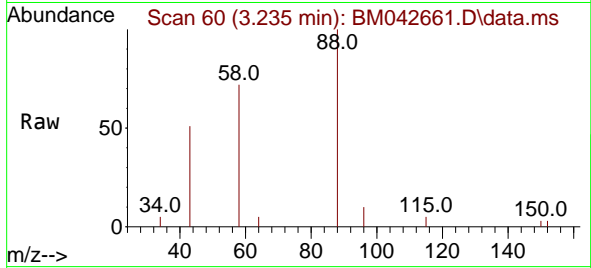
Quant Time: Nov 08 22:56:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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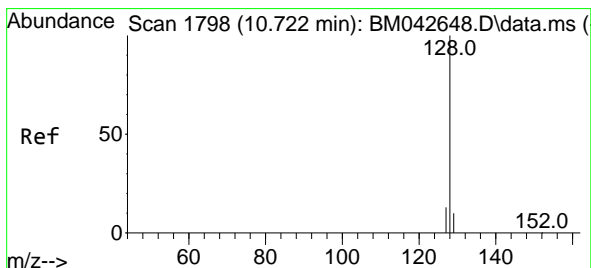
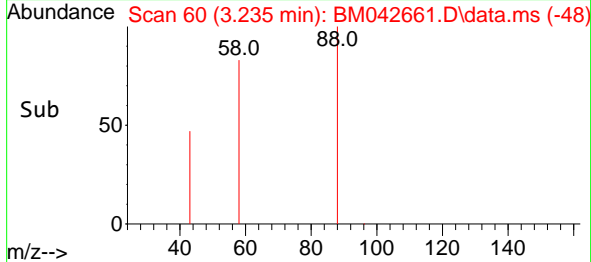
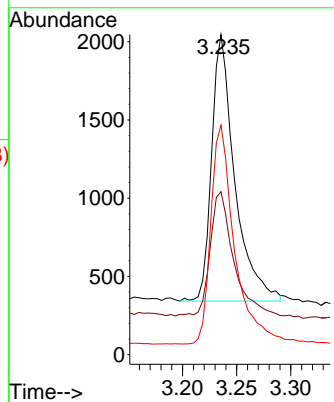


#2
 1,4-Dioxane
 Concen: 2.143 ng/ul
 RT: 3.235 min Scan# 60
 Delta R.T. -0.011 min
 Lab File: BM042661.D
 Acq: 08 Nov 2023 22:11

Instrument :
 BNA_M
 ClientSampleId :
 SLCS830

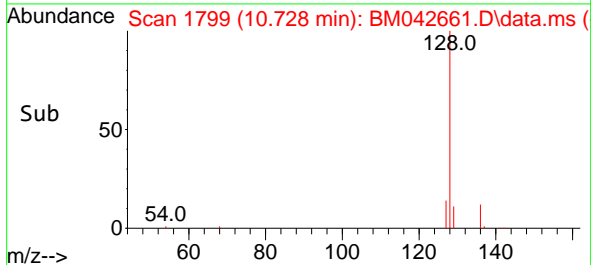
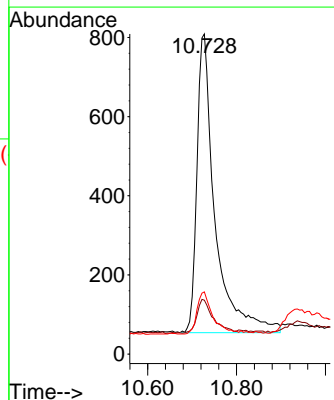
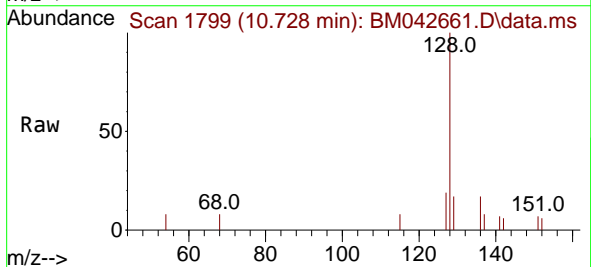


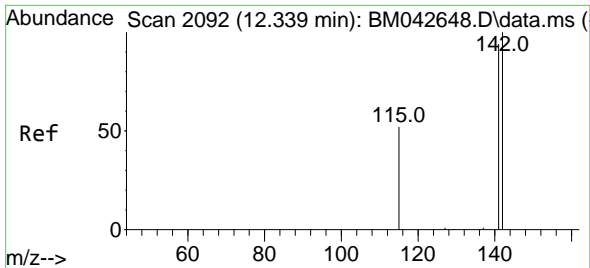
Tgt Ion: 88 Resp: 2531
 Ion Ratio Lower Upper
 88 100
 43 51.0 77.5 116.3#
 58 71.7 40.9 61.3#



#5
 Naphthalene
 Concen: 0.324 ng/ul
 RT: 10.728 min Scan# 1799
 Delta R.T. -0.008 min
 Lab File: BM042661.D
 Acq: 08 Nov 2023 22:11

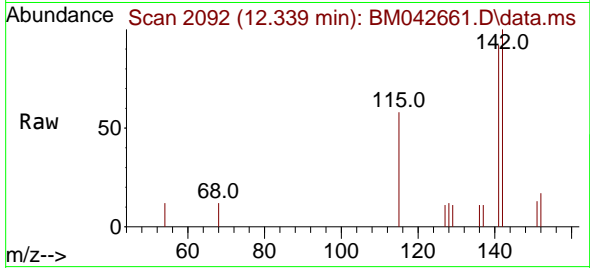
Tgt Ion: 128 Resp: 2130
 Ion Ratio Lower Upper
 128 100
 129 16.8 11.3 16.9
 127 19.4 13.0 19.4



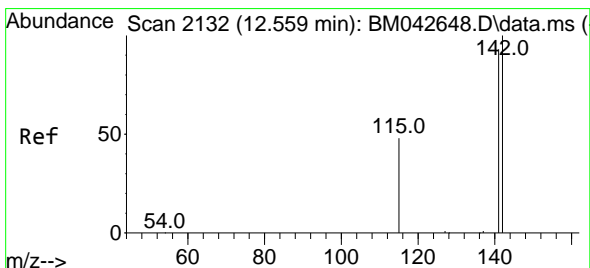
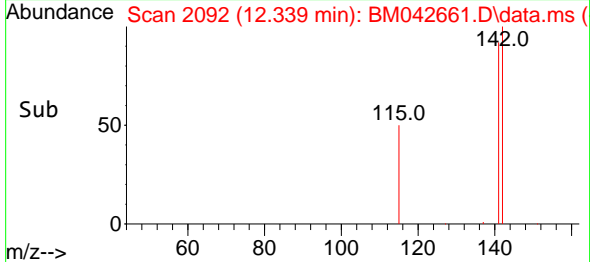
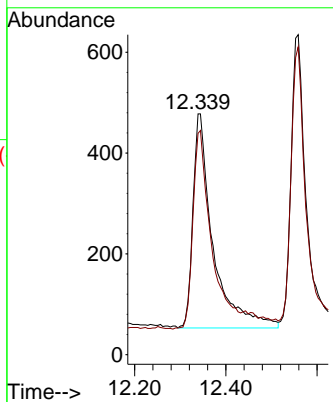


#7
 2-Methylnaphthalene
 Concen: 0.307 ng/ul
 RT: 12.339 min Scan# 2092
 Delta R.T. -0.008 min
 Lab File: BM042661.D
 Acq: 08 Nov 2023 22:11

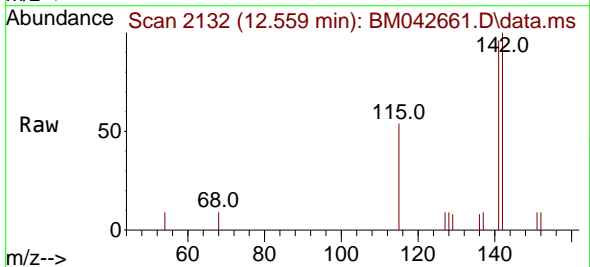
Instrument :
 BNA_M
 ClientSampleId :
 SLCS830



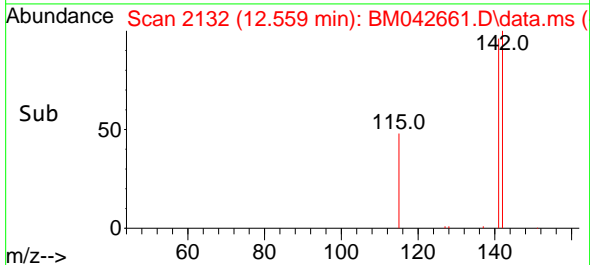
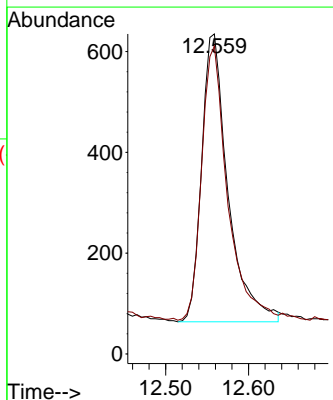
Tgt Ion:142 Resp: 1297
 Ion Ratio Lower Upper
 142 100
 141 94.8 71.7 107.5

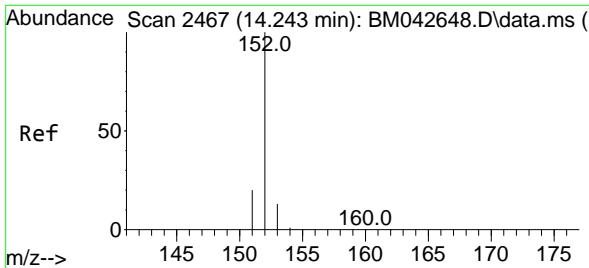


#8
 1-Methylnaphthalene
 Concen: 0.295 ng/ul
 RT: 12.559 min Scan# 2132
 Delta R.T. -0.008 min
 Lab File: BM042661.D
 Acq: 08 Nov 2023 22:11



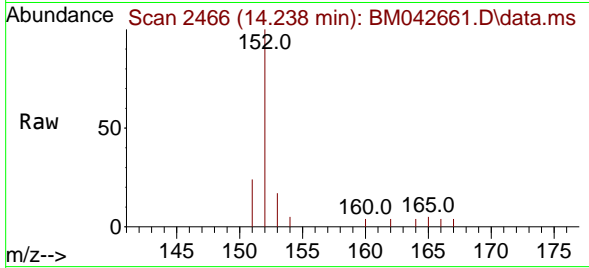
Tgt Ion:142 Resp: 1263
 Ion Ratio Lower Upper
 142 100
 141 93.4 75.4 113.2



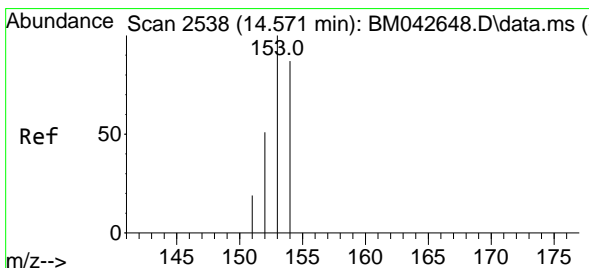
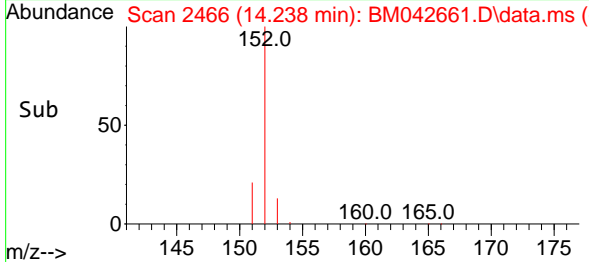
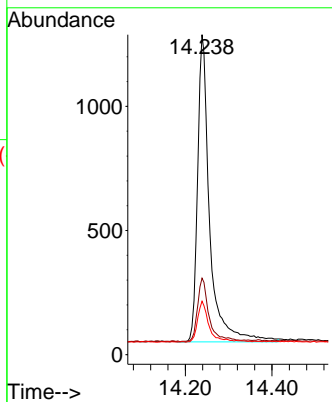


#10
 Acenaphthylene
 Concen: 0.323 ng/u1
 RT: 14.238 min Scan# 2466
 Delta R.T. -0.007 min
 Lab File: BM042661.D
 Acq: 08 Nov 2023 22:11

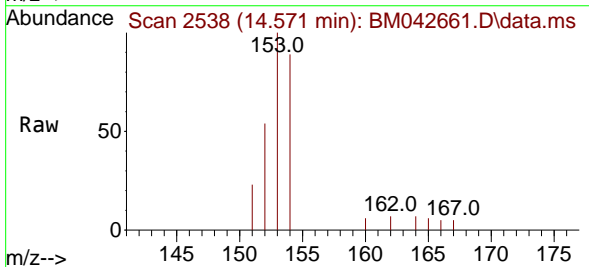
Instrument :
 BNA_M
 ClientSampleId :
 SLCS830



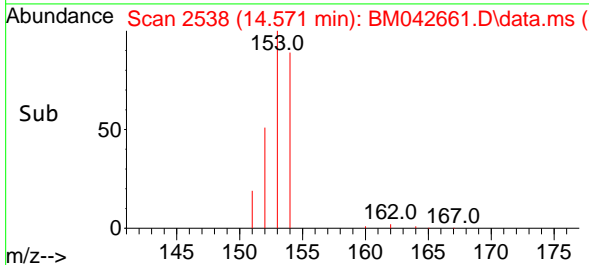
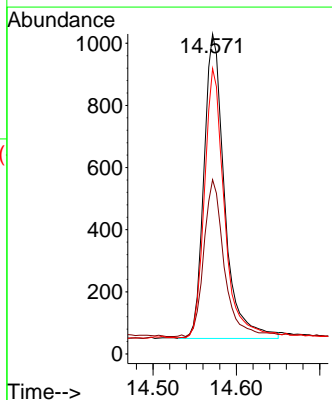
Tgt Ion:152 Resp: 2401
 Ion Ratio Lower Upper
 152 100
 151 23.9 17.2 25.8
 153 16.7 11.8 17.8

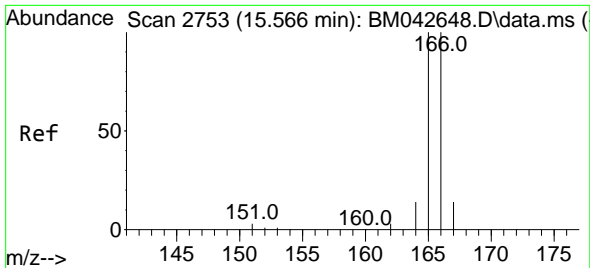


#11
 Acenaphthene
 Concen: 0.334 ng/u1
 RT: 14.571 min Scan# 2538
 Delta R.T. -0.007 min
 Lab File: BM042661.D
 Acq: 08 Nov 2023 22:11



Tgt Ion:153 Resp: 1687
 Ion Ratio Lower Upper
 153 100
 152 54.5 41.8 62.6
 154 89.2 69.2 103.8

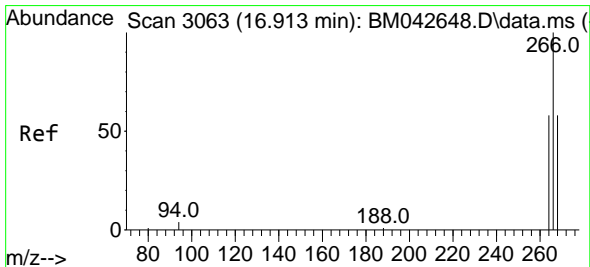
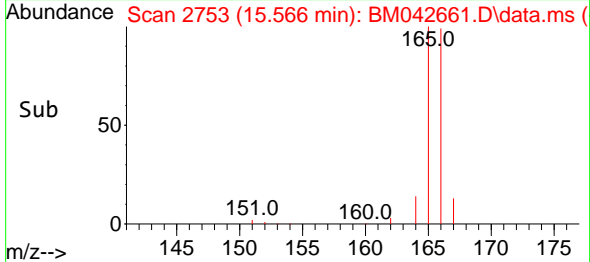
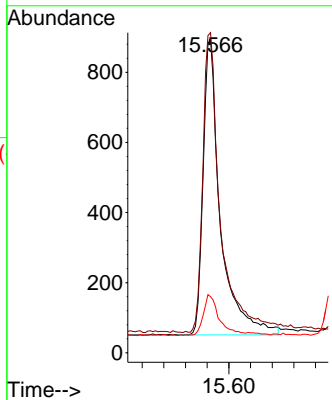
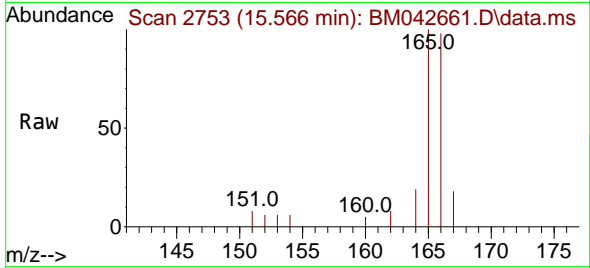




#12
 Fluorene
 Concen: 0.323 ng/u1
 RT: 15.566 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BM042661.D
 Acq: 08 Nov 2023 22:11

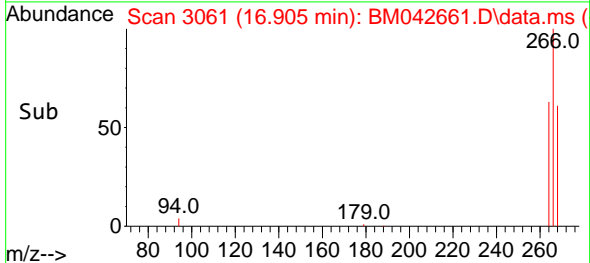
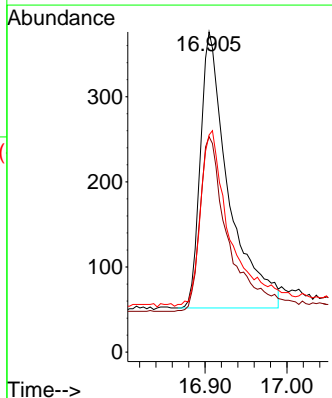
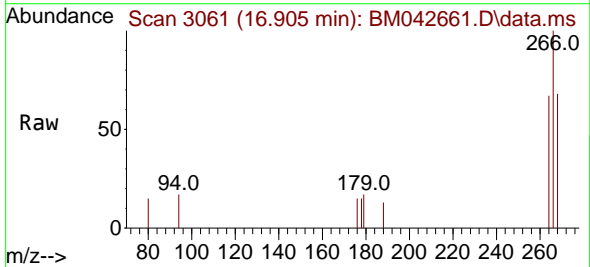
Instrument :
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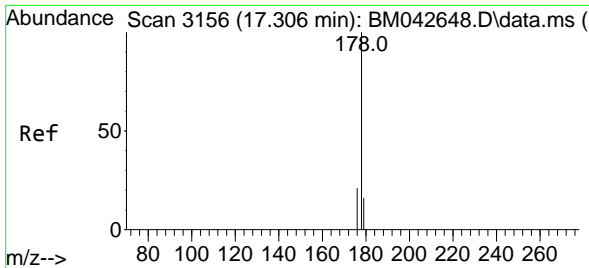
Tgt Ion	Resp	Lower	Upper
166	1869		
165	102.1	81.2	121.8
167	17.9	11.9	17.9#



#14
 Pentachlorophenol
 Concen: 0.718 ng/u1
 RT: 16.905 min Scan# 3061
 Delta R.T. -0.006 min
 Lab File: BM042661.D
 Acq: 08 Nov 2023 22:11

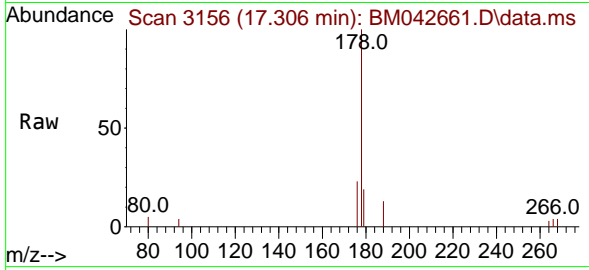
Tgt Ion	Resp	Lower	Upper
266	775		
264	63.6	50.4	75.6
268	66.3	54.8	82.2



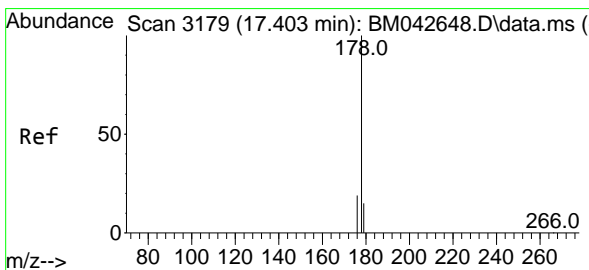
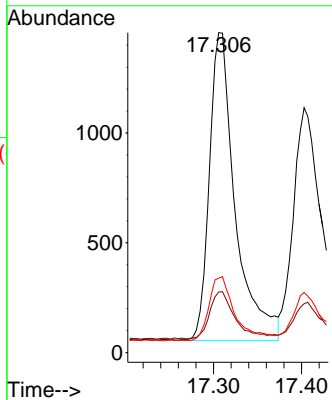
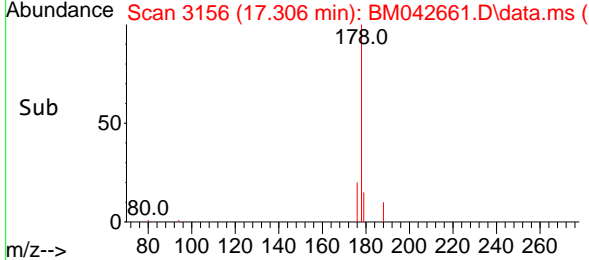


#15
 Phenanthrene
 Concen: 0.348 ng/u1
 RT: 17.306 min Scan# 3156
 Delta R.T. -0.006 min
 Lab File: BM042661.D
 Acq: 08 Nov 2023 22:11

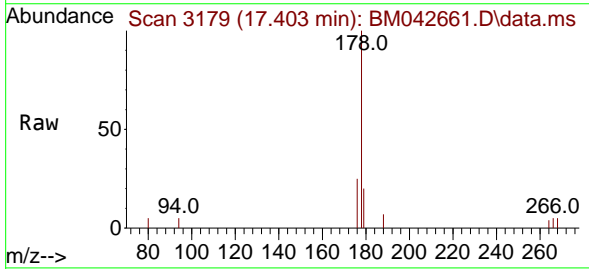
Instrument :
 BNA_M
 ClientSampleId :
 SLCS830



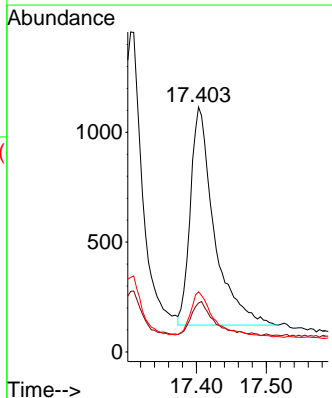
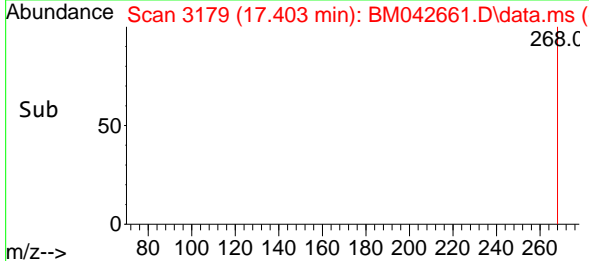
Tgt Ion:178 Resp: 2858
 Ion Ratio Lower Upper
 178 100
 179 18.9 13.7 20.5
 176 23.3 18.2 27.2

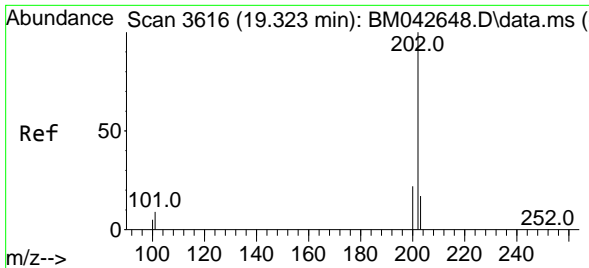


#16
 Anthracene
 Concen: 0.316 ng/u1
 RT: 17.403 min Scan# 3179
 Delta R.T. -0.006 min
 Lab File: BM042661.D
 Acq: 08 Nov 2023 22:11



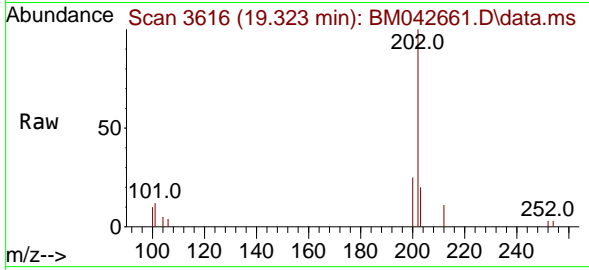
Tgt Ion:178 Resp: 2349
 Ion Ratio Lower Upper
 178 100
 179 20.0 14.2 21.4
 176 24.6 17.6 26.4





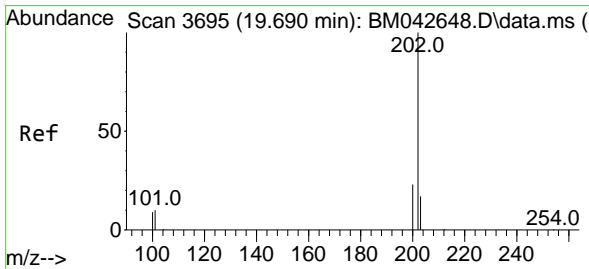
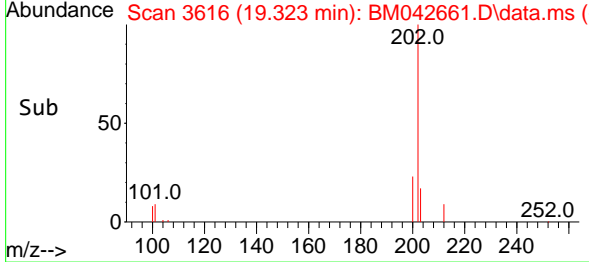
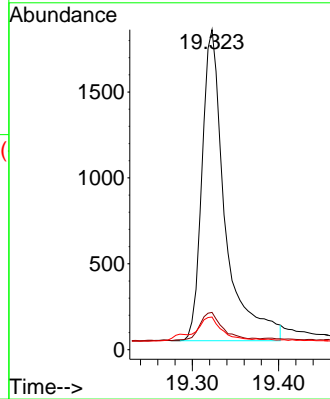
#19
 Fluoranthene
 Concen: 0.340 ng/u1
 RT: 19.323 min Scan# 3616
 Delta R.T. -0.006 min
 Lab File: BM042661.D
 Acq: 08 Nov 2023 22:11

Instrument :
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Tgt Ion:202 Resp: 3380

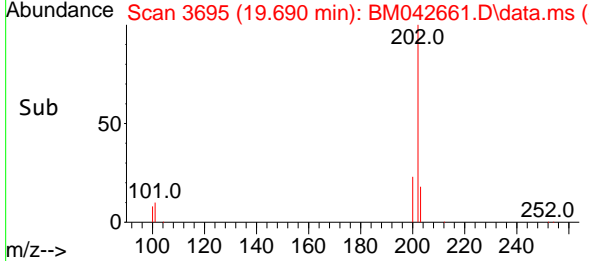
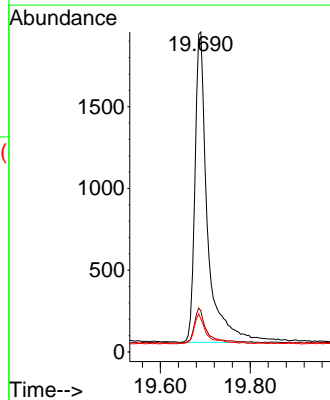
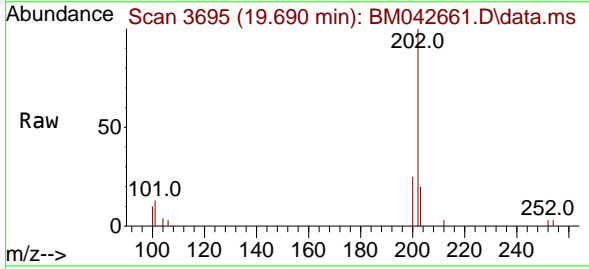
Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.0	13.6
100	10.2	7.3	10.9

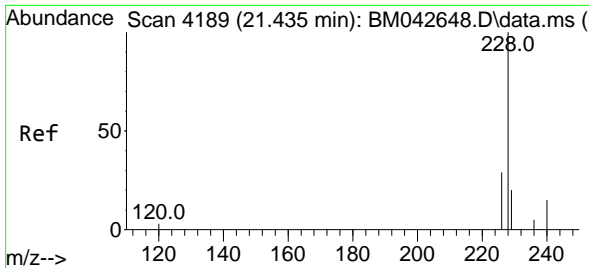


#20
 Pyrene
 Concen: 0.343 ng/u1
 RT: 19.690 min Scan# 3695
 Delta R.T. -0.006 min
 Lab File: BM042661.D
 Acq: 08 Nov 2023 22:11

Tgt Ion:202 Resp: 3750

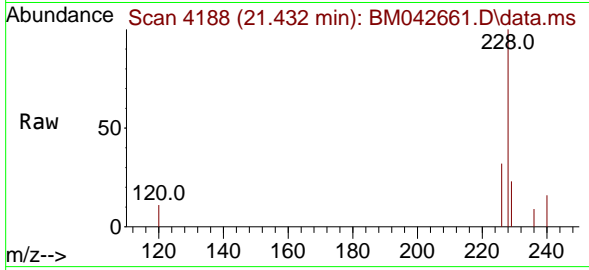
Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.6	16.0
100	10.3	8.6	13.0



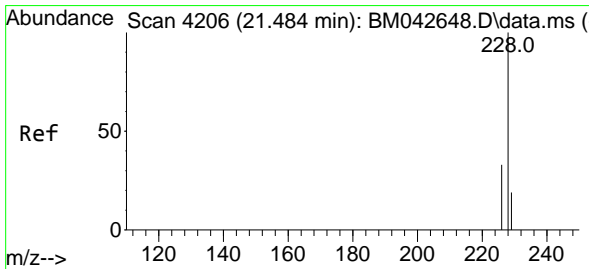
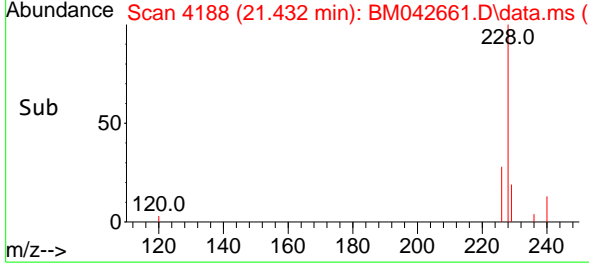
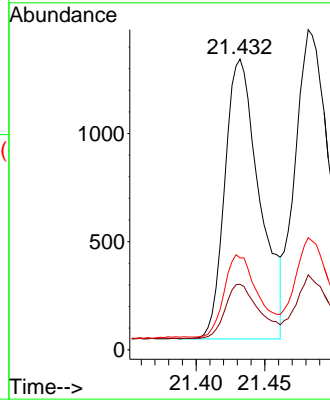


#21
 Benzo(a)anthracene
 Concen: 0.323 ng/u1
 RT: 21.432 min Scan# 4188
 Delta R.T. -0.005 min
 Lab File: BM042661.D
 Acq: 08 Nov 2023 22:11

Instrument :
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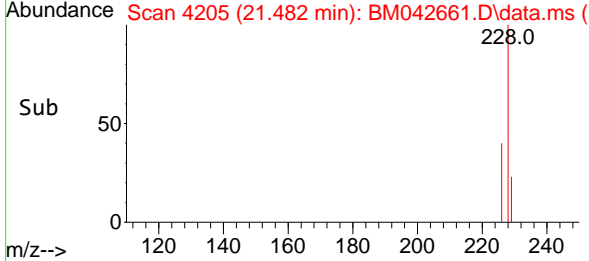
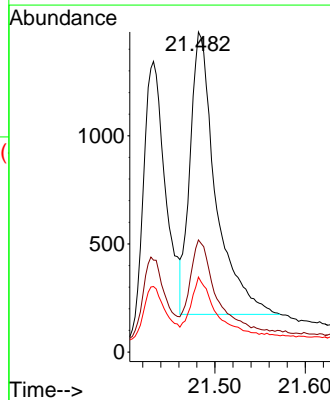
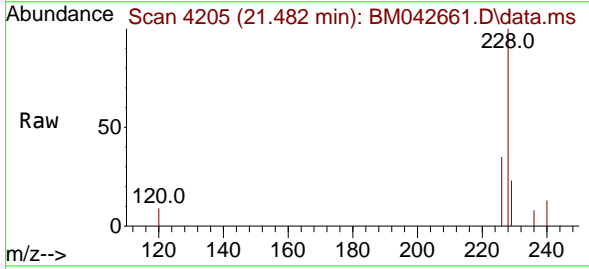


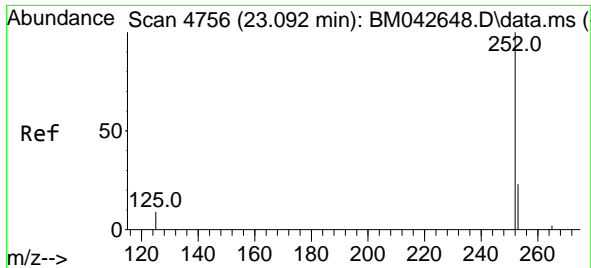
Tgt Ion:228 Resp: 2285
 Ion Ratio Lower Upper
 228 100
 229 22.5 17.0 25.4
 226 31.6 25.2 37.8



#22
 Chrysene
 Concen: 0.353 ng/u1
 RT: 21.482 min Scan# 4205
 Delta R.T. -0.011 min
 Lab File: BM042661.D
 Acq: 08 Nov 2023 22:11

Tgt Ion:228 Resp: 2582
 Ion Ratio Lower Upper
 228 100
 226 35.0 27.4 41.0
 229 23.4 17.0 25.6

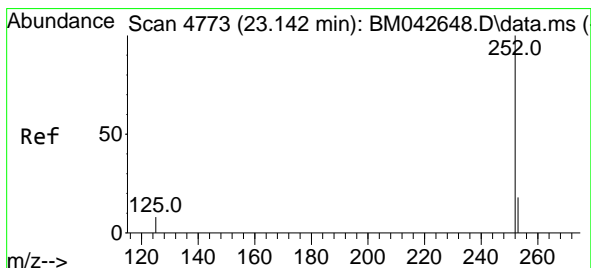
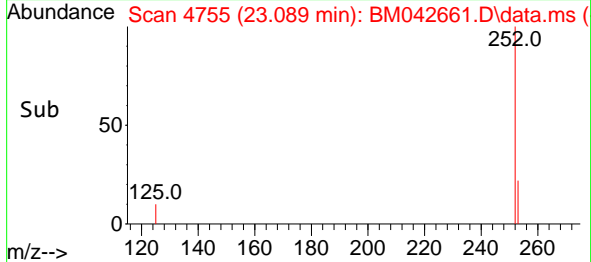
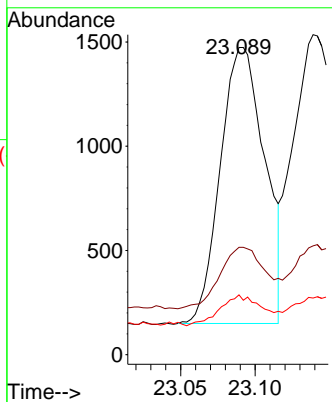
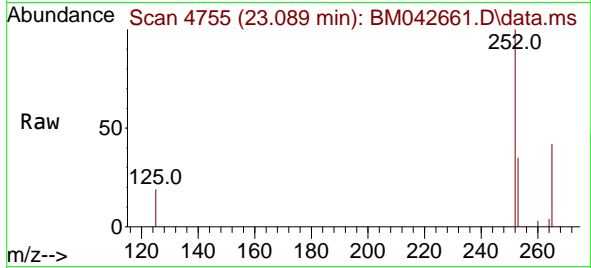




#24
 Benzo(b)fluoranthene
 Concen: 0.353 ng/u1
 RT: 23.089 min Scan# 4755
 Delta R.T. -0.011 min
 Lab File: BM042661.D
 Acq: 08 Nov 2023 22:11

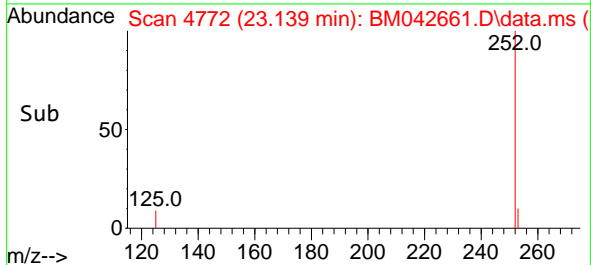
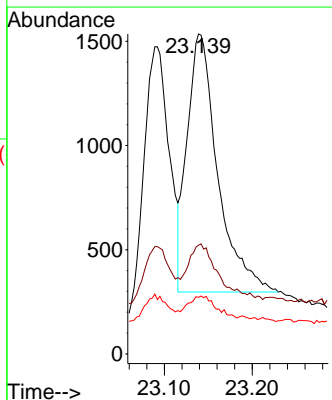
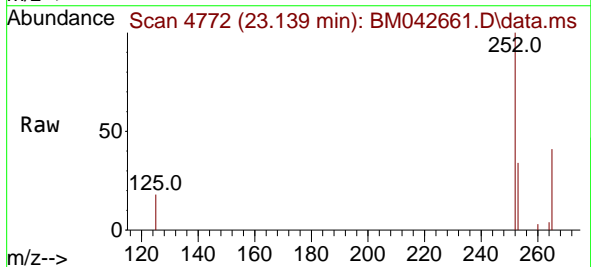
Instrument : BNA_M
 ClientSampleId : SLCS830

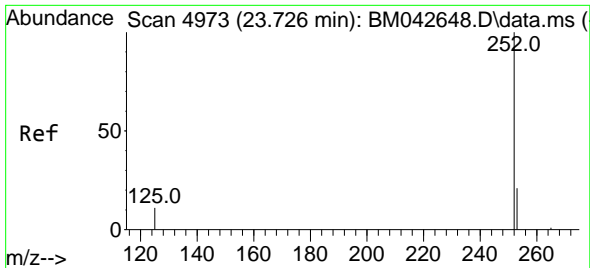
Tgt Ion	Resp	Lower	Upper
252	100		
253	34.9	0.0	65.8
125	19.5	0.0	43.6



#25
 Benzo(k)fluoranthene
 Concen: 0.370 ng/u1
 RT: 23.139 min Scan# 4772
 Delta R.T. -0.011 min
 Lab File: BM042661.D
 Acq: 08 Nov 2023 22:11

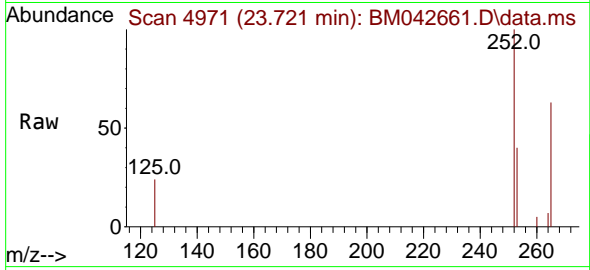
Tgt Ion	Resp	Lower	Upper
252	100		
253	34.0	27.0	40.6
125	17.7	17.5	26.3





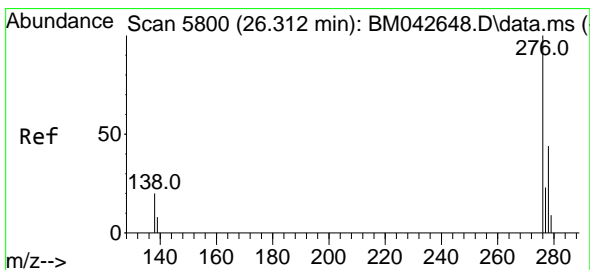
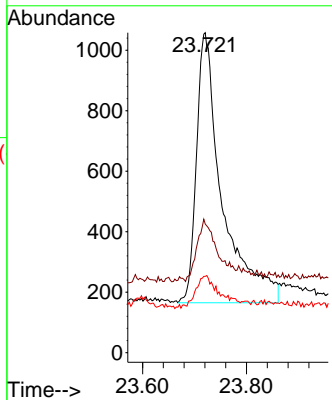
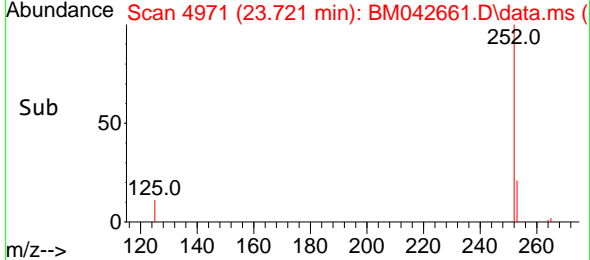
#26
 Benzo(a)pyrene
 Concen: 0.382 ng/u1
 RT: 23.721 min Scan# 4971
 Delta R.T. -0.013 min
 Lab File: BM042661.D
 Acq: 08 Nov 2023 22:11

Instrument :
 BNA_M
 ClientSampleId :
 SLCS830

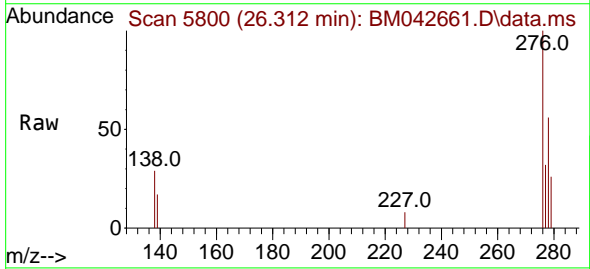


Tgt Ion:252 Resp: 3065

Ion	Ratio	Lower	Upper
252	100		
253	40.2	31.7	47.5
125	23.8	22.1	33.1

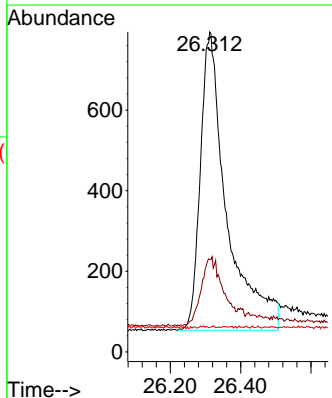
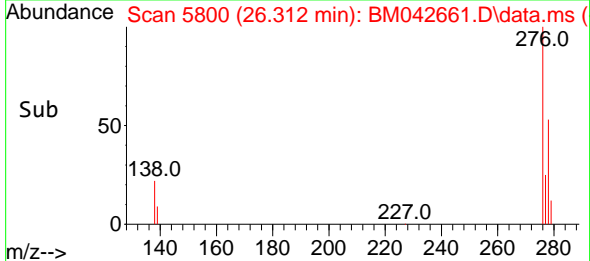


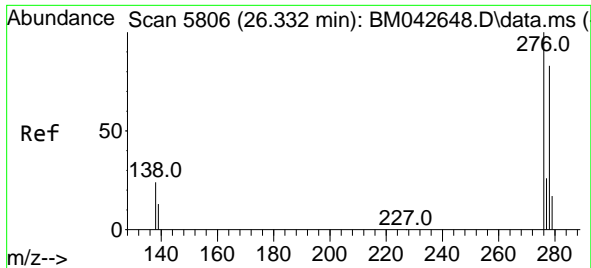
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.370 ng/u1
 RT: 26.312 min Scan# 5800
 Delta R.T. -0.016 min
 Lab File: BM042661.D
 Acq: 08 Nov 2023 22:11



Tgt Ion:276 Resp: 3857

Ion	Ratio	Lower	Upper
276	100		
138	19.3	20.7	31.1#
227	0.1	0.1	0.1

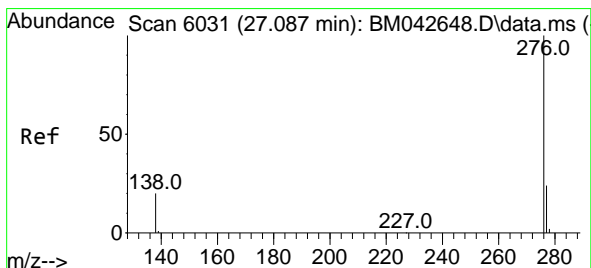
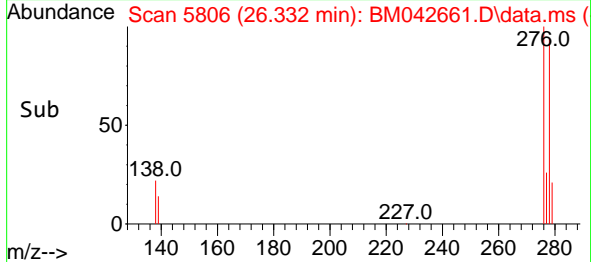
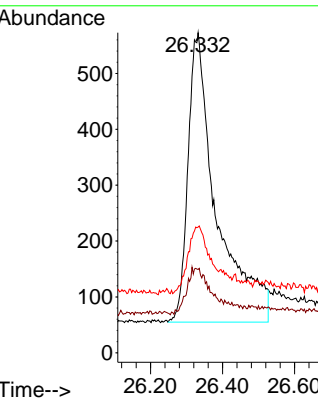
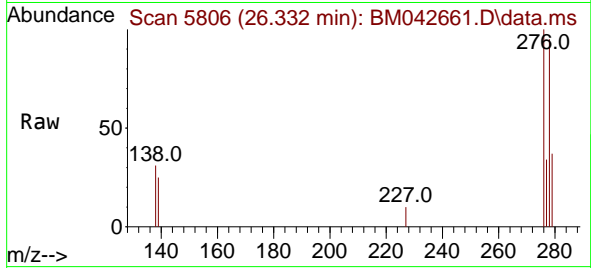




#28
 Dibenzo(a,h)anthracene
 Concen: 0.384 ng/ul
 RT: 26.332 min Scan# 51
 Delta R.T. -0.016 min
 Lab File: BM042661.D
 Acq: 08 Nov 2023 22:11

Instrument :
 BNA_M
 ClientSampleId :
 SLCS830

Tgt Ion	Resp	Lower	Upper
278	100		
139	26.0	24.3	36.5
279	39.3	31.5	47.3



#29
 Benzo(g,h,i)perylene
 Concen: 0.367 ng/ul
 RT: 27.080 min Scan# 6029
 Delta R.T. -0.026 min
 Lab File: BM042661.D
 Acq: 08 Nov 2023 22:11

Tgt Ion	Resp	Lower	Upper
276	100		
138	28.0	22.3	33.5
277	28.7	23.6	35.4

