

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012224\
 Data File : BM043895.D
 Acq On : 22 Jan 2024 22:07
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

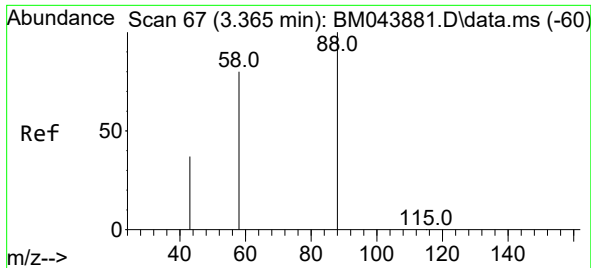
Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4182

Quant Time: Jan 23 00:31:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM011924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 22:45:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	3369	0.400	ng/ul	0.02
4) Naphthalene-d8	10.770	136	9189	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.584	164	4316	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	8525	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	5763	0.400	ng/ul	0.00
23) Perylene-d12	23.946	264	7482	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	1930	0.420	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.376	152	4110	0.352	ng/ul	0.01
18) Fluoranthene-d10	19.368	212	6573	0.346	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.365	88	2223	0.449	ng/ul	99
5) Naphthalene	10.825	128	9685	0.362	ng/ul	98
7) 2-Methylnaphthalene	12.448	142	5552	0.358	ng/ul	100
8) 1-Methylnaphthalene	12.646	142	5648	0.355	ng/ul	98
10) Acenaphthylene	14.311	152	8731	0.378	ng/ul	99
11) Acenaphthene	14.644	153	6458	0.376	ng/ul	99
12) Fluorene	15.653	166	6606	0.372	ng/ul	98
14) Pentachlorophenol	17.022	266	412	0.381	ng/ul#	79
15) Phenanthrene	17.389	178	9724	0.360	ng/ul	98
16) Anthracene	17.503	178	9232	0.367	ng/ul	98
19) Fluoranthene	19.401	202	11079	0.362	ng/ul	97
20) Pyrene	19.763	202	11684	0.364	ng/ul	96
21) Benzo(a)anthracene	21.520	228	8210	0.367	ng/ul	99
22) Chrysene	21.570	228	11289	0.375	ng/ul	98
24) Benzo(b)fluoranthene	23.210	252	10984	0.386	ng/ul	97
25) Benzo(k)fluoranthene	23.259	252	12749	0.373	ng/ul	99
26) Benzo(a)pyrene	23.844	252	11018	0.379	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.464	276	15037	0.401	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.494	278	11250	0.393	ng/ul	99
29) Benzo(g,h,i)perylene	27.225	276	13039	0.390	ng/ul	98

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

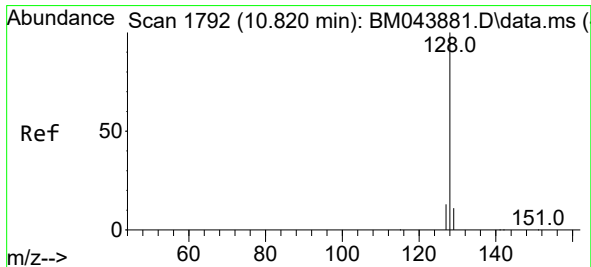
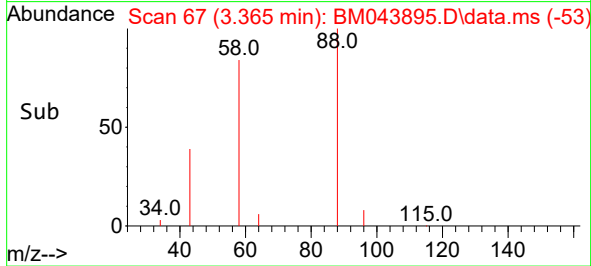
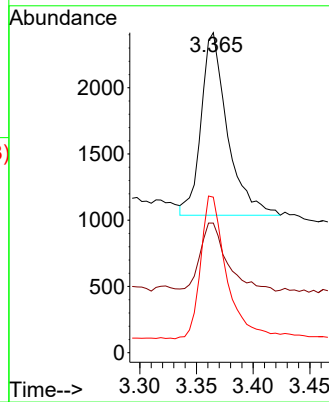
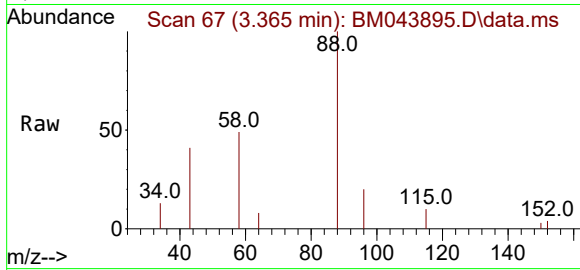


#2
1,4-Dioxane
Concen: 0.449 ng/ul
RT: 3.365 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM043895.D
Acq: 22 Jan 2024 22:07

Instrument :
BNA_M
ClientSampleId :
SSTD0.4182

Tgt Ion: 88 Resp: 2223

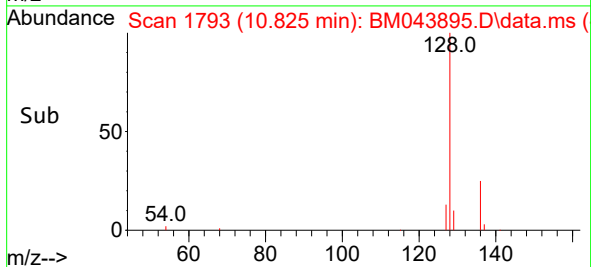
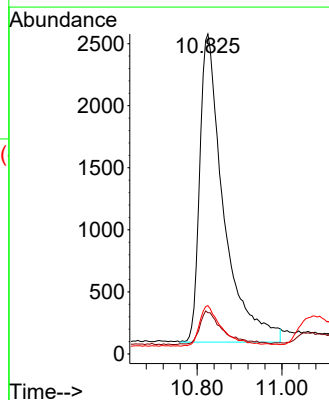
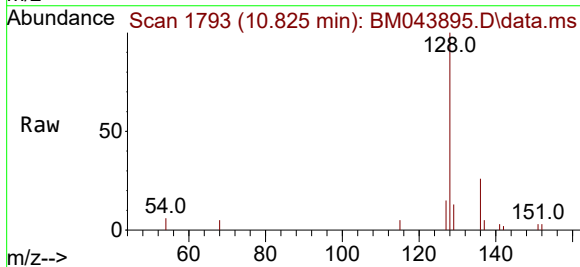
Ion	Ratio	Lower	Upper
88	100		
43	40.5	32.2	48.4
58	48.6	40.2	60.4

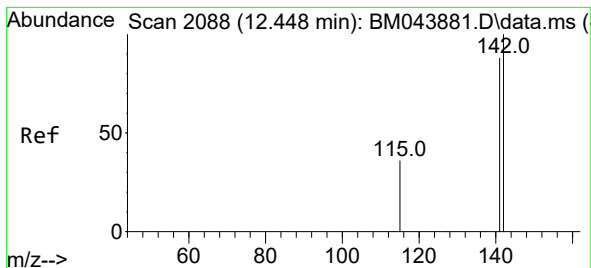


#5
Naphthalene
Concen: 0.362 ng/ul
RT: 10.825 min Scan# 1793
Delta R.T. 0.011 min
Lab File: BM043895.D
Acq: 22 Jan 2024 22:07

Tgt Ion: 128 Resp: 9685

Ion	Ratio	Lower	Upper
128	100		
129	12.9	10.0	15.0
127	15.1	11.4	17.0

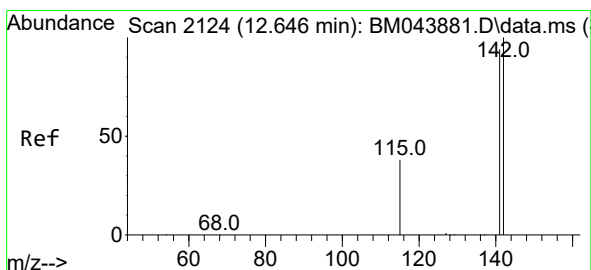
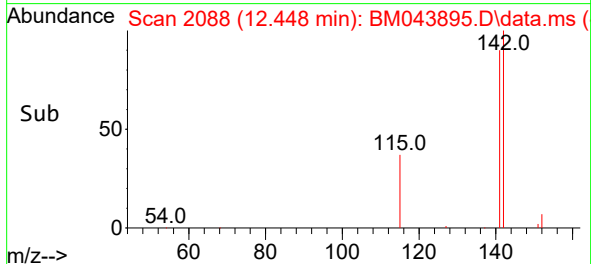
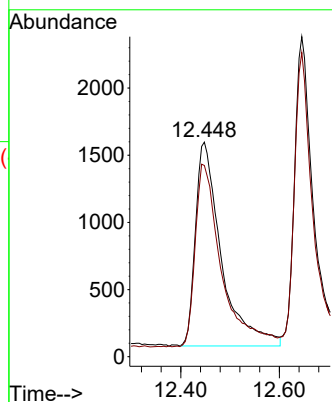
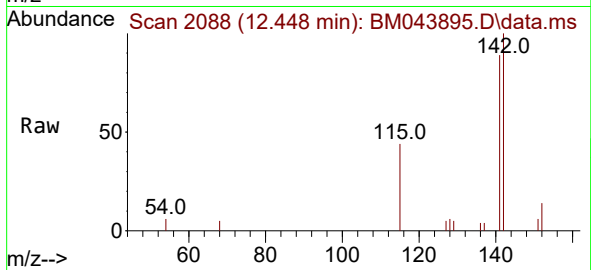




#7
2-Methylnaphthalene
Concen: 0.358 ng/ul
RT: 12.448 min Scan# 2088
Delta R.T. 0.011 min
Lab File: BM043895.D
Acq: 22 Jan 2024 22:07

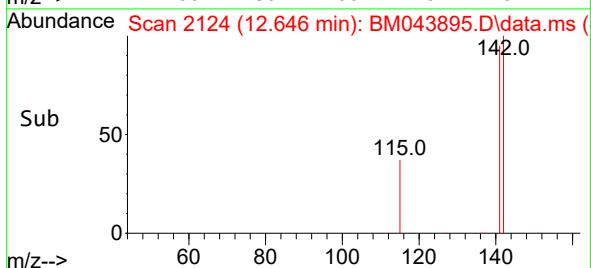
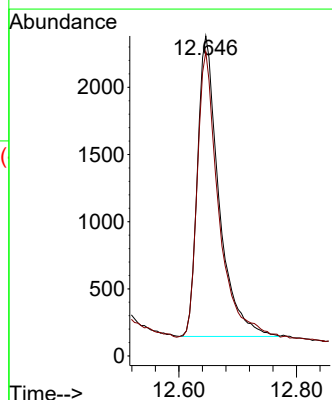
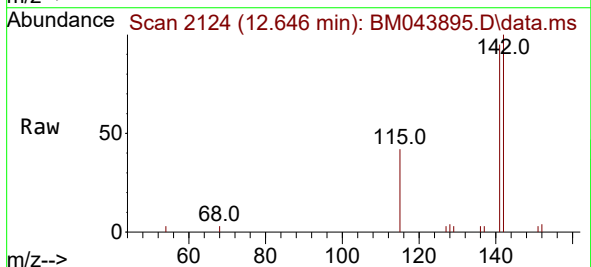
Instrument :
BNA_M
ClientSampleId :
SSTD0.4182

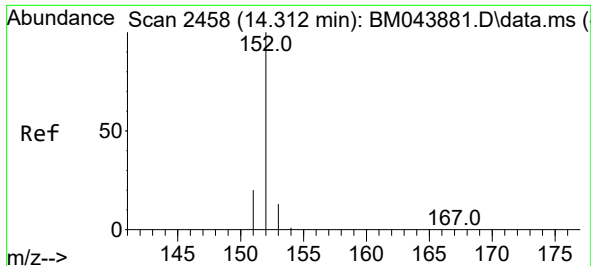
Tgt Ion:142 Resp: 5552
Ion Ratio Lower Upper
142 100
141 90.8 73.0 109.4



#8
1-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.646 min Scan# 2124
Delta R.T. 0.005 min
Lab File: BM043895.D
Acq: 22 Jan 2024 22:07

Tgt Ion:142 Resp: 5648
Ion Ratio Lower Upper
142 100
141 94.9 74.6 111.8

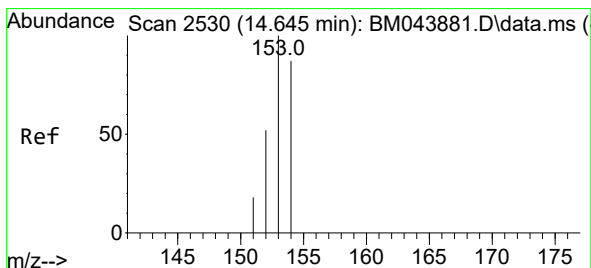
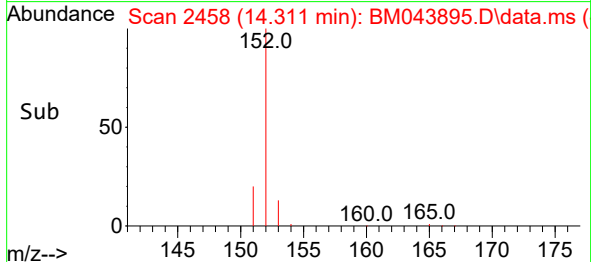
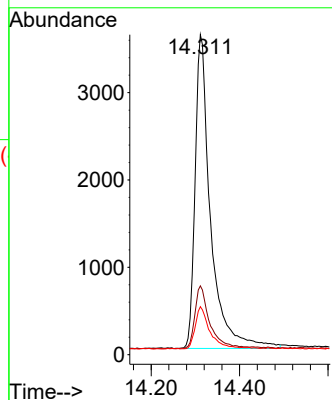
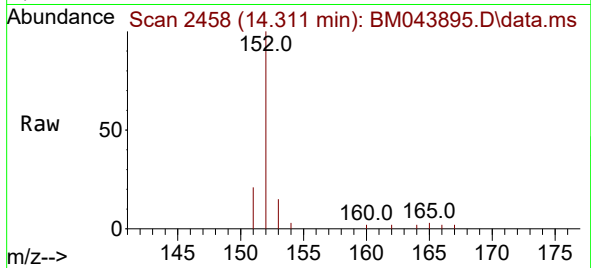




#10
Acenaphthylene
Concen: 0.378 ng/ul
RT: 14.311 min Scan# 2458
Delta R.T. -0.000 min
Lab File: BM043895.D
Acq: 22 Jan 2024 22:07

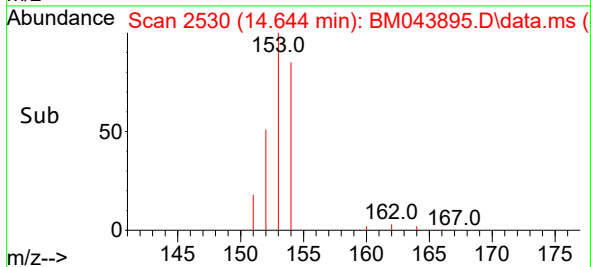
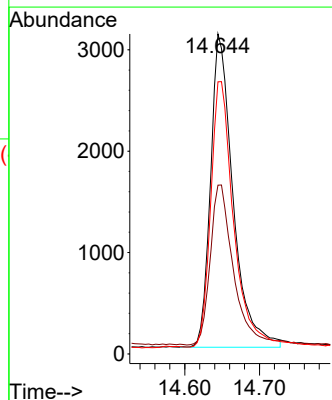
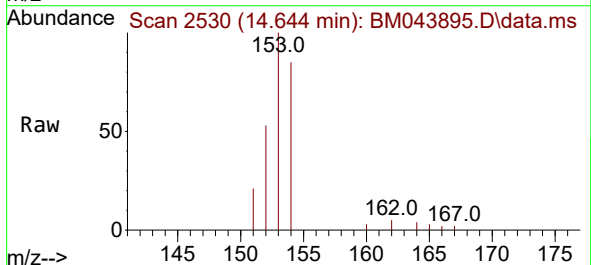
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ClientSampleId :
SSTD0.4182

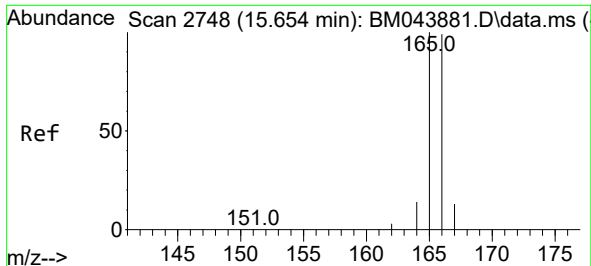
Tgt Ion:	152	Resp:	8731
Ion Ratio	Lower	Upper	
152	100		
151	21.5	16.6	24.8
153	15.0	11.7	17.5



#11
Acenaphthene
Concen: 0.376 ng/ul
RT: 14.644 min Scan# 2530
Delta R.T. -0.000 min
Lab File: BM043895.D
Acq: 22 Jan 2024 22:07

Tgt Ion:	153	Resp:	6458
Ion Ratio	Lower	Upper	
153	100		
152	52.8	42.1	63.1
154	85.0	69.0	103.6

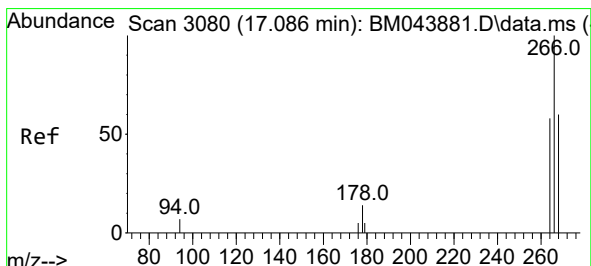
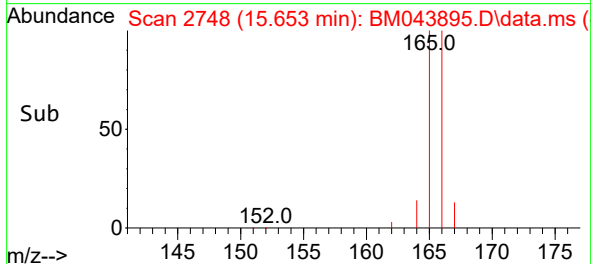
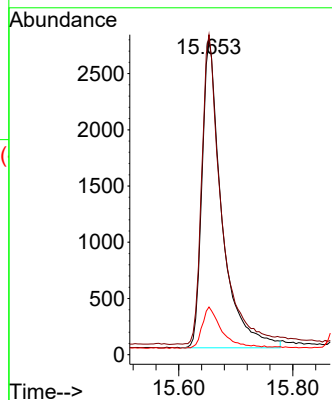
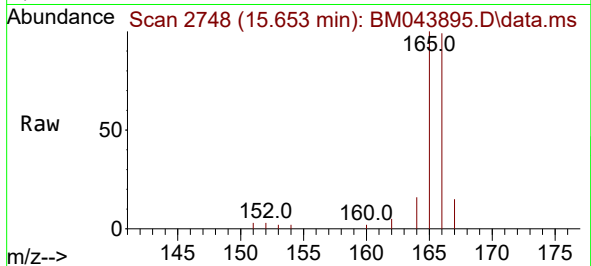




#12
Fluorene
Concen: 0.372 ng/ul
RT: 15.653 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM043895.D
Acq: 22 Jan 2024 22:07

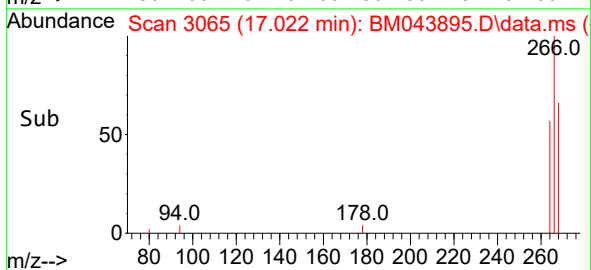
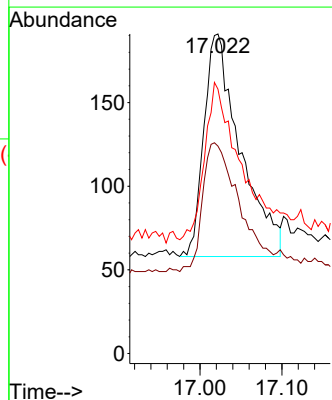
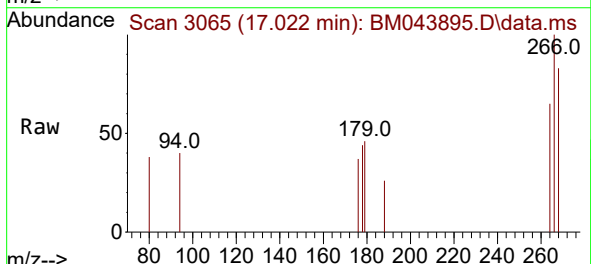
Instrument :
BNA_M
ClientSampleId :
SSTD0.4182

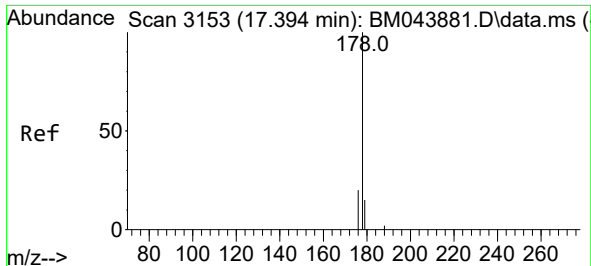
Tgt Ion:166 Resp: 6606
Ion Ratio Lower Upper
166 100
165 101.5 79.2 118.8
167 15.2 11.4 17.2



#14
Pentachlorophenol
Concen: 0.381 ng/ul
RT: 17.022 min Scan# 3065
Delta R.T. -0.072 min
Lab File: BM043895.D
Acq: 22 Jan 2024 22:07

Tgt Ion:266 Resp: 412
Ion Ratio Lower Upper
266 100
264 63.1 39.8 59.6#
268 72.8 45.6 68.4#

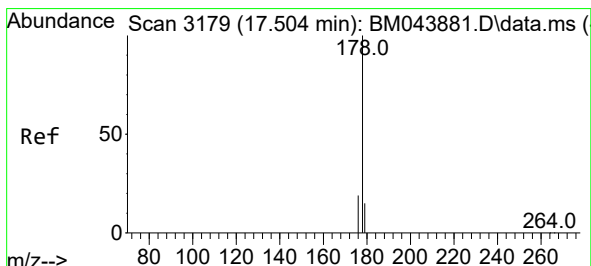
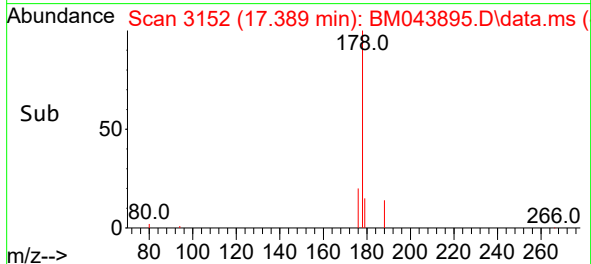
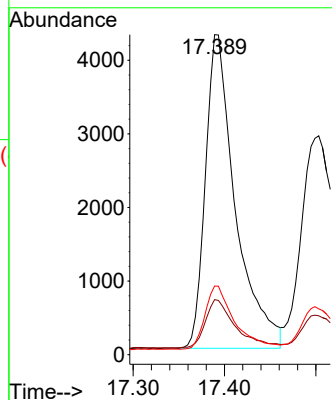
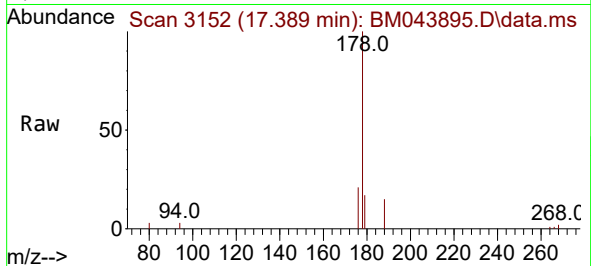




#15
Phenanthrene
Concen: 0.360 ng/ul
RT: 17.389 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BM043895.D
Acq: 22 Jan 2024 22:07

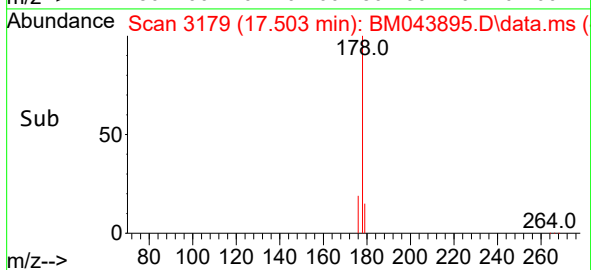
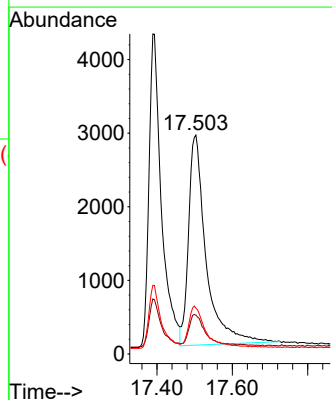
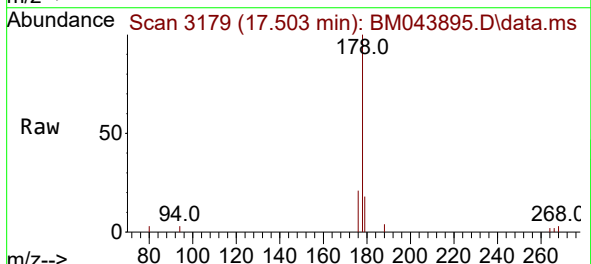
Instrument :
BNA_M
ClientSampleId :
SSTD0.4182

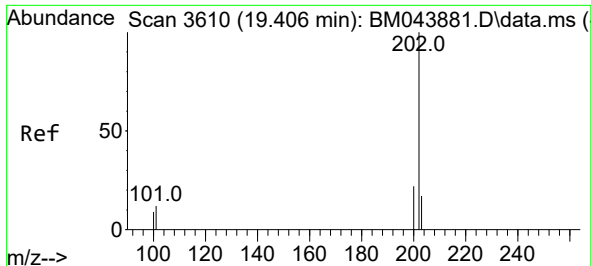
Tgt Ion:178 Resp: 9724
Ion Ratio Lower Upper
178 100
179 17.2 13.0 19.6
176 21.4 16.4 24.6



#16
Anthracene
Concen: 0.367 ng/ul
RT: 17.503 min Scan# 3179
Delta R.T. 0.008 min
Lab File: BM043895.D
Acq: 22 Jan 2024 22:07

Tgt Ion:178 Resp: 9232
Ion Ratio Lower Upper
178 100
179 17.8 13.2 19.8
176 20.9 16.2 24.2

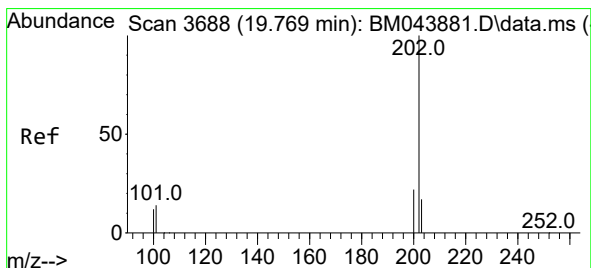
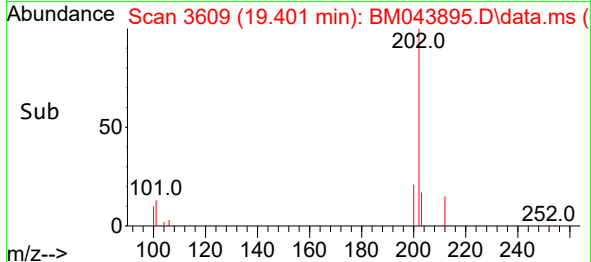
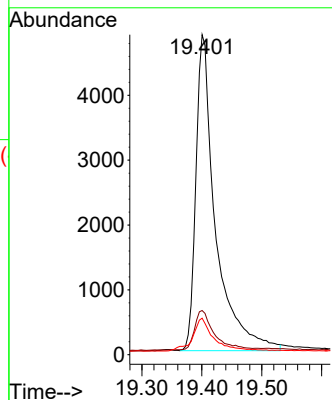
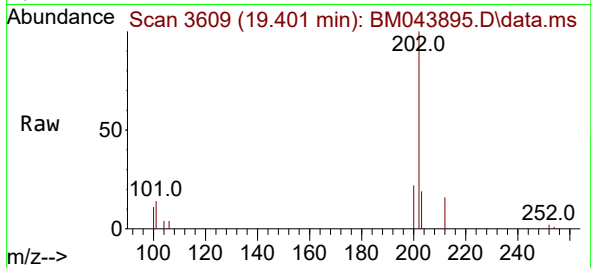




#19
Fluoranthene
Concen: 0.362 ng/ul
RT: 19.401 min Scan# 3609
Delta R.T. -0.000 min
Lab File: BM043895.D
Acq: 22 Jan 2024 22:07

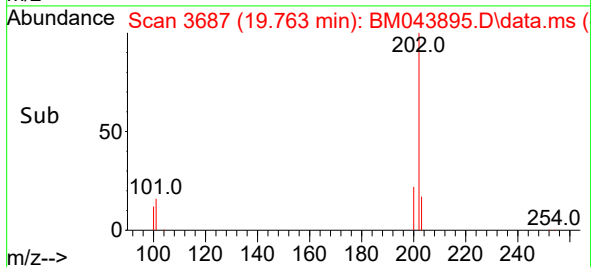
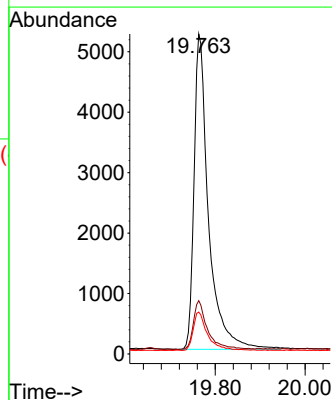
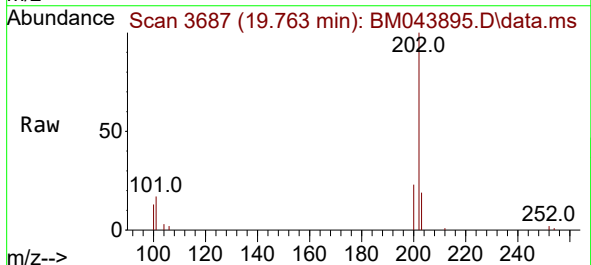
Instrument :
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ClientSampleId :
SSTD0.4182

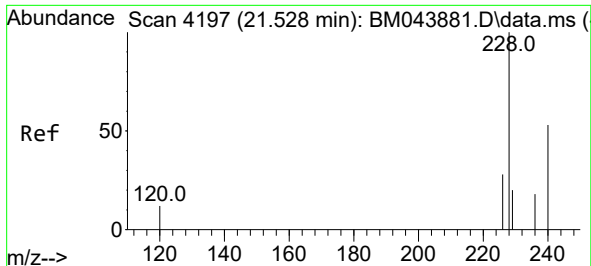
Tgt Ion:202 Resp: 11079
Ion Ratio Lower Upper
202 100
101 13.8 10.1 15.1
100 11.4 8.0 12.0



#20
Pyrene
Concen: 0.364 ng/ul
RT: 19.763 min Scan# 3687
Delta R.T. -0.005 min
Lab File: BM043895.D
Acq: 22 Jan 2024 22:07

Tgt Ion:202 Resp: 11684
Ion Ratio Lower Upper
202 100
101 16.7 11.9 17.9
100 13.1 9.5 14.3

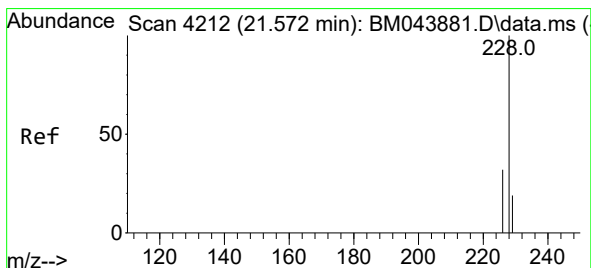
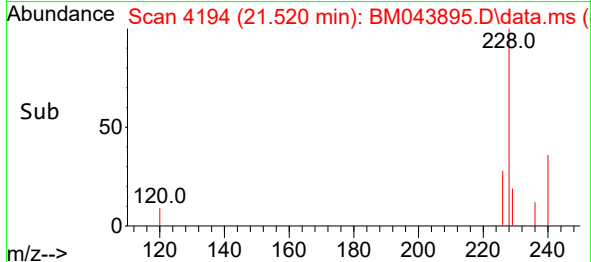
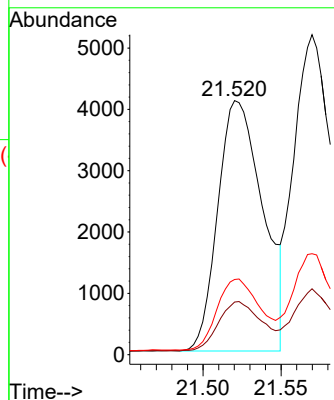
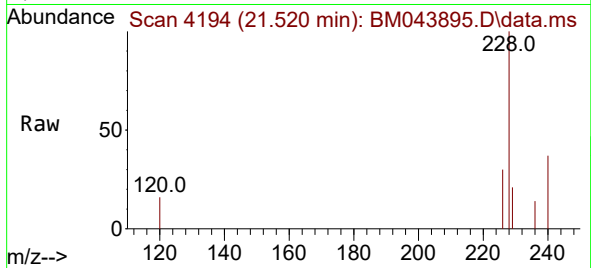




#21
Benzo(a)anthracene
Concen: 0.367 ng/ul
RT: 21.520 min Scan# 4197
Delta R.T. -0.003 min
Lab File: BM043895.D
Acq: 22 Jan 2024 22:07

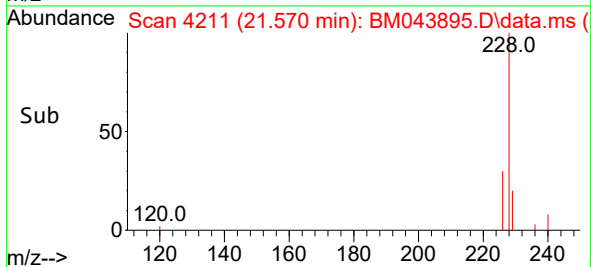
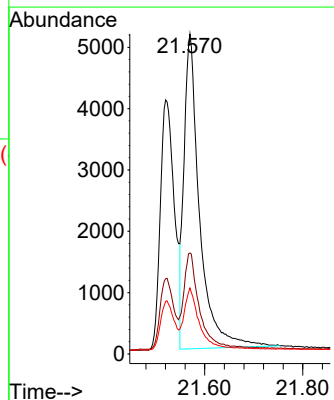
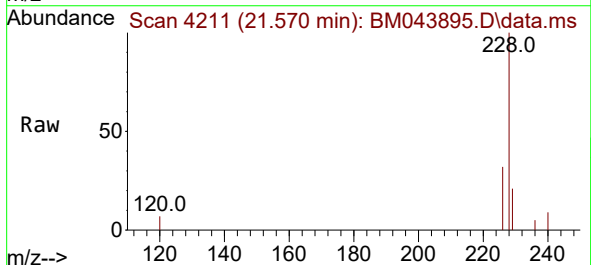
Instrument :
BNA_M
ClientSampleId :
SSTD0.4182

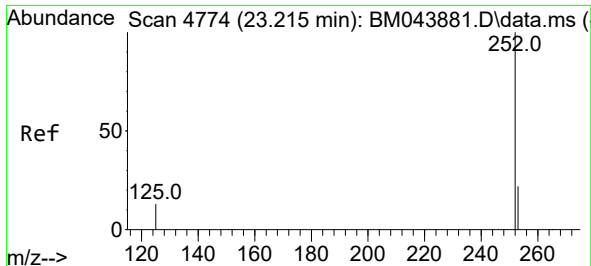
Tgt Ion:228 Resp: 8210
Ion Ratio Lower Upper
228 100
229 20.7 16.5 24.7
226 29.6 23.1 34.7



#22
Chrysene
Concen: 0.375 ng/ul
RT: 21.570 min Scan# 4211
Delta R.T. -0.003 min
Lab File: BM043895.D
Acq: 22 Jan 2024 22:07

Tgt Ion:228 Resp: 11289
Ion Ratio Lower Upper
228 100
226 31.5 26.2 39.2
229 20.6 16.2 24.2

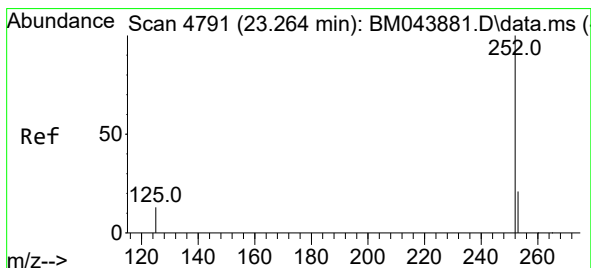
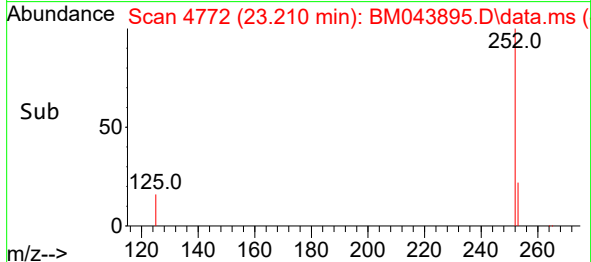
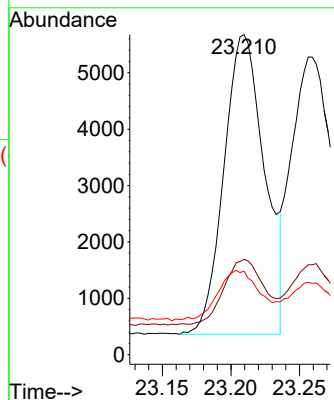
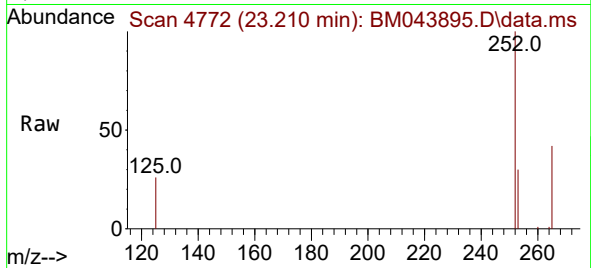




#24
Benzo(b)fluoranthene
Concen: 0.386 ng/ul
RT: 23.210 min Scan# 4772
Delta R.T. -0.006 min
Lab File: BM043895.D
Acq: 22 Jan 2024 22:07

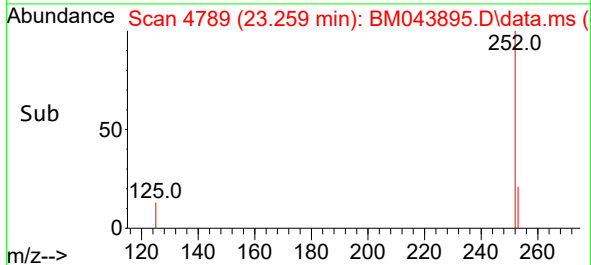
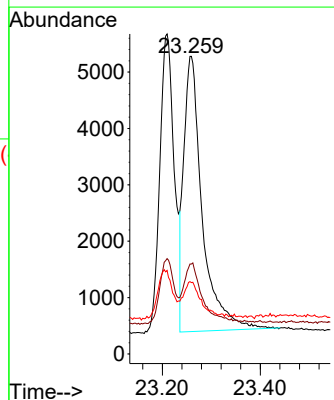
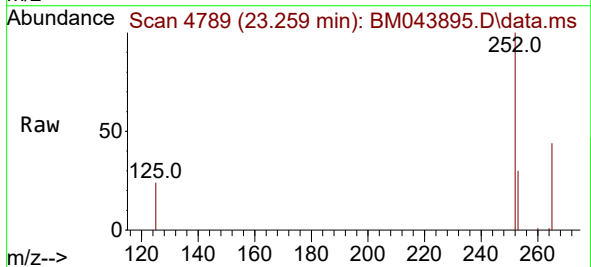
Instrument :
BNA_M
ClientSampleId :
SSTD0.4182

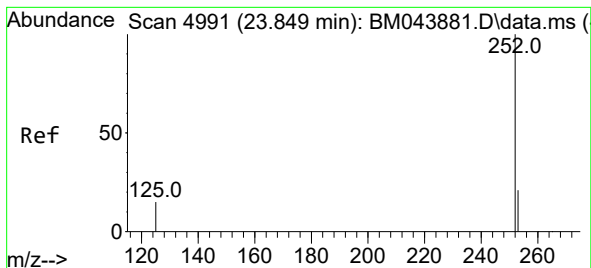
Tgt Ion:252 Resp: 10984
Ion Ratio Lower Upper
252 100
253 29.8 0.0 58.8
125 26.1 0.0 47.2



#25
Benzo(k)fluoranthene
Concen: 0.373 ng/ul
RT: 23.259 min Scan# 4789
Delta R.T. -0.006 min
Lab File: BM043895.D
Acq: 22 Jan 2024 22:07

Tgt Ion:252 Resp: 12749
Ion Ratio Lower Upper
252 100
253 30.2 24.2 36.2
125 24.0 17.9 26.9

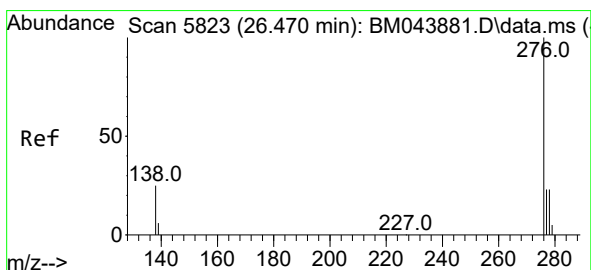
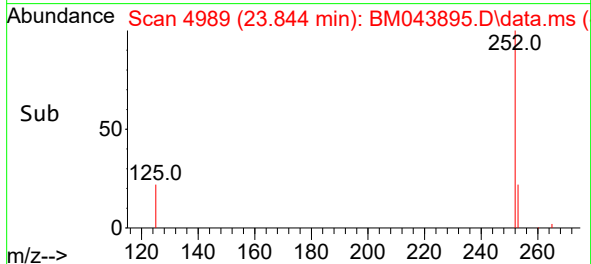
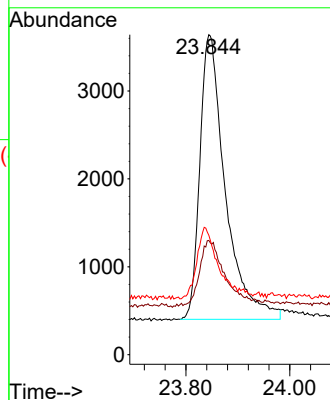
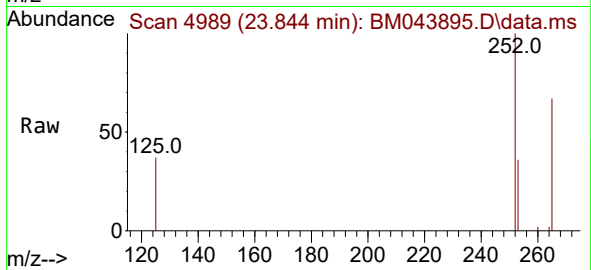




#26
Benzo(a)pyrene
Concen: 0.379 ng/ul
RT: 23.844 min Scan# 4989
Delta R.T. -0.009 min
Lab File: BM043895.D
Acq: 22 Jan 2024 22:07

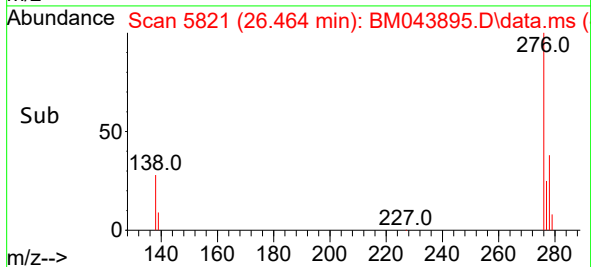
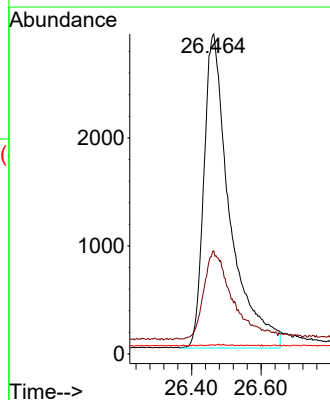
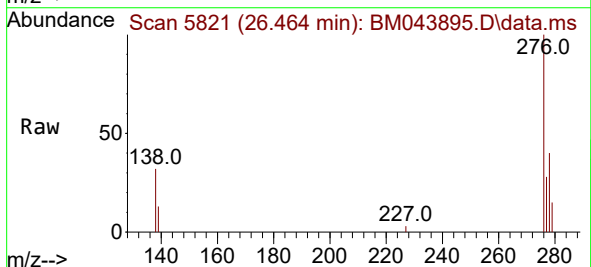
Instrument :
BNA_M
ClientSampleId :
SSTD0.4182

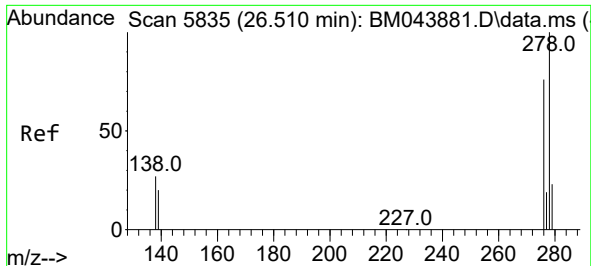
Tgt Ion:252 Resp: 11018
Ion Ratio Lower Upper
252 100
253 35.7 28.6 42.8
125 37.3 26.9 40.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.401 ng/ul
RT: 26.464 min Scan# 5821
Delta R.T. -0.014 min
Lab File: BM043895.D
Acq: 22 Jan 2024 22:07

Tgt Ion:276 Resp: 15037
Ion Ratio Lower Upper
276 100
138 31.3 24.6 36.8
227 0.1 0.1 0.1#

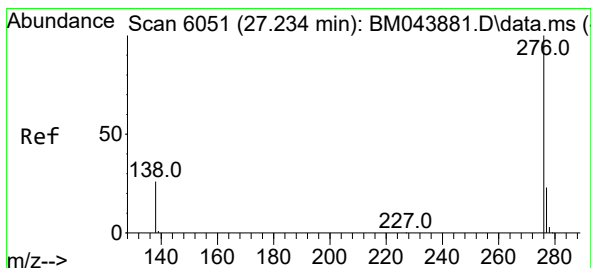
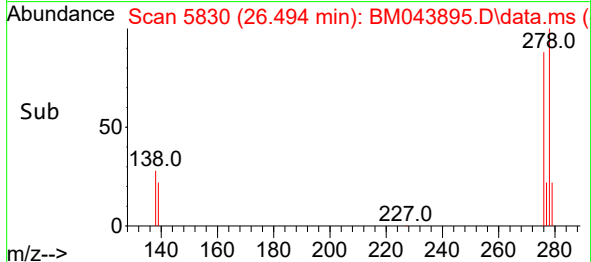
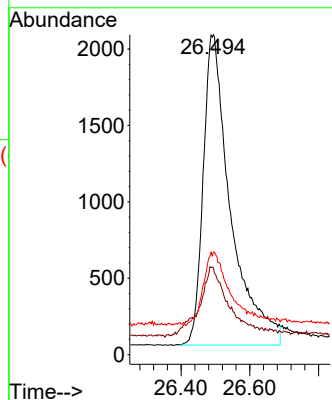
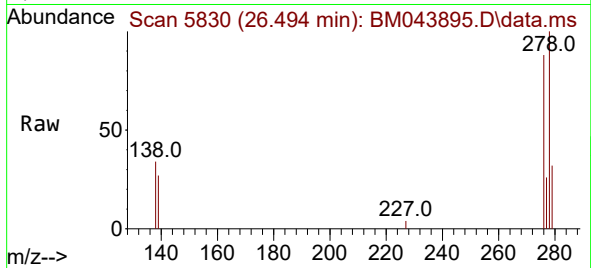




#28
Dibenzo(a,h)anthracene
Concen: 0.393 ng/ul
RT: 26.494 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM043895.D
Acq: 22 Jan 2024 22:07

Instrument :
BNA_M
ClientSampleId :
SSTD0.4182

Tgt Ion:278 Resp: 11250
Ion Ratio Lower Upper
278 100
139 27.3 21.1 31.7
279 32.0 25.8 38.6



#29
Benzo(g,h,i)perylene
Concen: 0.390 ng/ul
RT: 27.225 min Scan# 6048
Delta R.T. -0.020 min
Lab File: BM043895.D
Acq: 22 Jan 2024 22:07

Tgt Ion:276 Resp: 13039
Ion Ratio Lower Upper
276 100
138 32.4 24.0 36.0
277 25.7 20.6 31.0

