

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011924\
 Data File : BM043876.D
 Acq On : 19 Jan 2024 17:31
 Operator : MA/JU
 Sample : SST0.893
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.8046

Quant Time: Jan 19 22:39:26 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 22:34:12 2024
 Response via : Initial Calibration

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

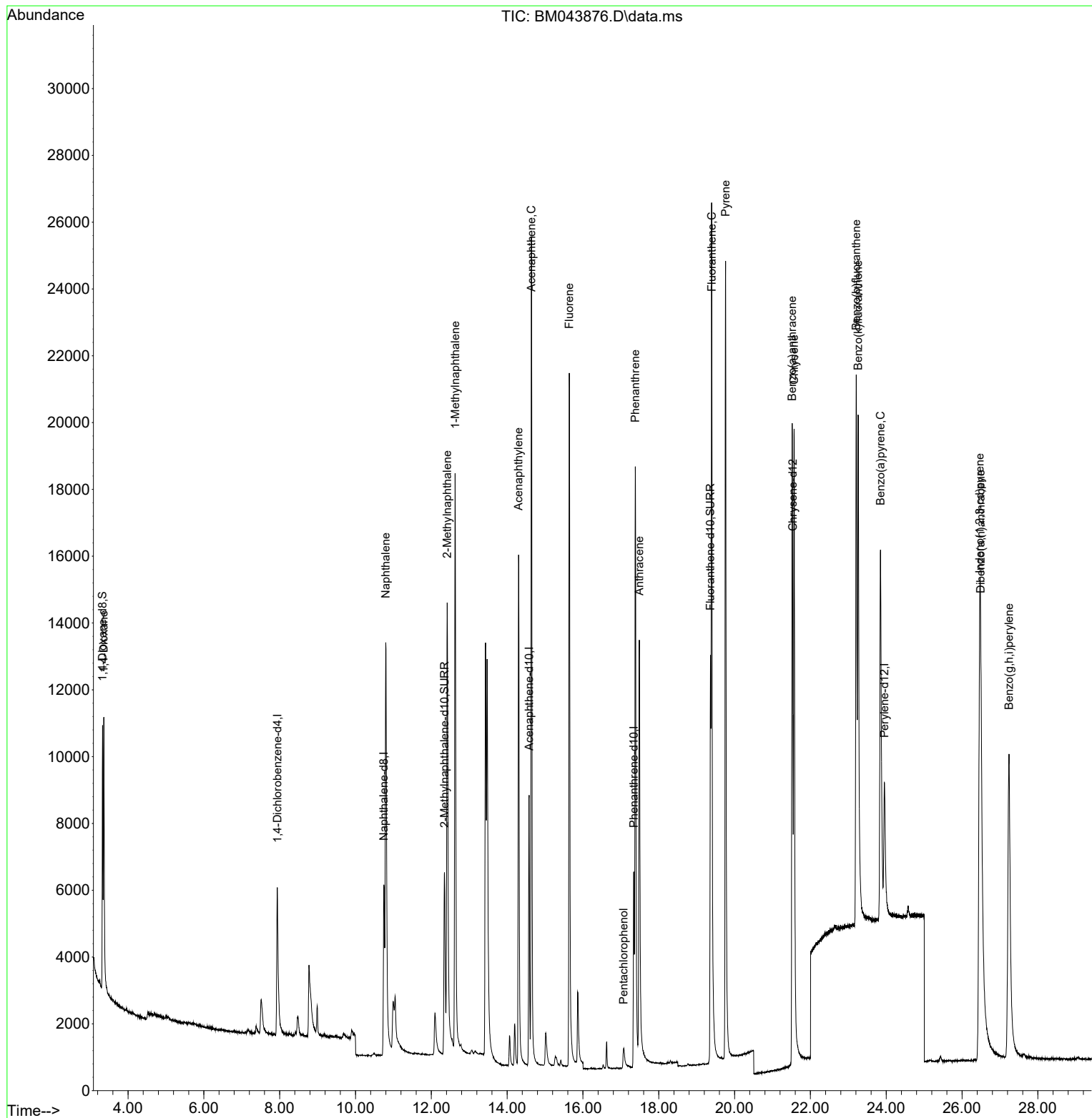
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	4100	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	10846	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.580	164	5008	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	9424	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	6124	0.400	ng/ul	0.00
23) Perylene-d12	23.952	264	7466	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	4752	0.959	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	11372	0.725	ng/ul	-0.02
18) Fluoranthene-d10	19.363	212	16696	0.843	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.361	88	5092	0.966	ng/ul#	85
5) Naphthalene	10.798	128	25316	0.813	ng/ul	98
7) 2-Methylnaphthalene	12.420	142	15012	0.734	ng/ul	100
8) 1-Methylnaphthalene	12.629	142	15455	0.744	ng/ul	99
10) Acenaphthylene	14.302	152	22588	0.842	ng/ul	98
11) Acenaphthene	14.640	153	16735	0.858	ng/ul	99
12) Fluorene	15.639	166	17246	0.771	ng/ul	99
14) Pentachlorophenol	17.073	266	1015	0.340	ng/ul#	87
15) Phenanthrene	17.381	178	24532	0.820	ng/ul	100
16) Anthracene	17.486	178	22971	0.806	ng/ul	99
19) Fluoranthene	19.396	202	26797	0.884	ng/ul	99
20) Pyrene	19.763	202	27725	0.878	ng/ul	99
21) Benzo(a)anthracene	21.517	228	20438	0.769	ng/ul	99
22) Chrysene	21.570	228	25885	0.904	ng/ul	98
24) Benzo(b)fluoranthene	23.210	252	23902	0.785	ng/ul	92
25) Benzo(k)fluoranthene	23.259	252	28351	0.845	ng/ul	93
26) Benzo(a)pyrene	23.850	252	24053	0.844	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.464	276	32483	0.901	ng/ul	99
28) Dibenzo(a,h)anthracene	26.494	278	24893	0.891	ng/ul	93
29) Benzo(g,h,i)perylene	27.238	276	28105	0.932	ng/ul	98

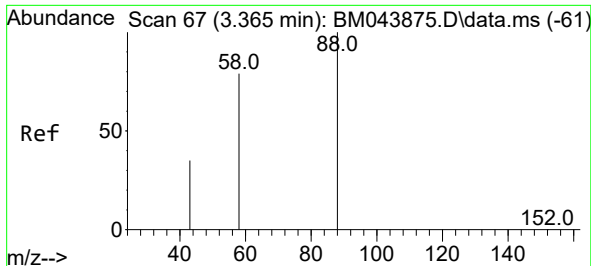
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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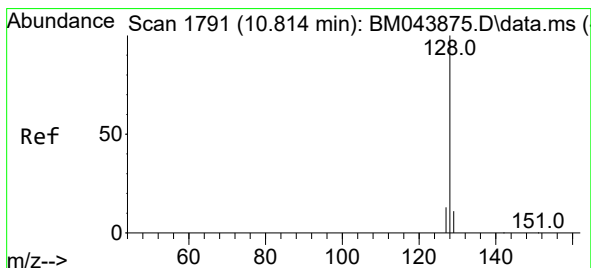
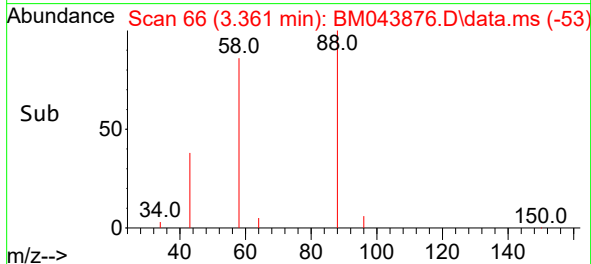
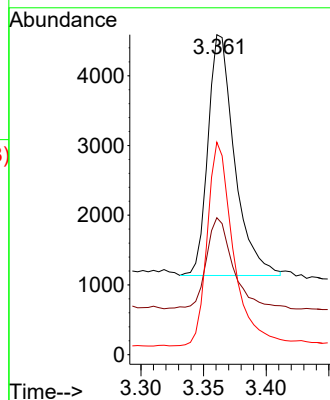
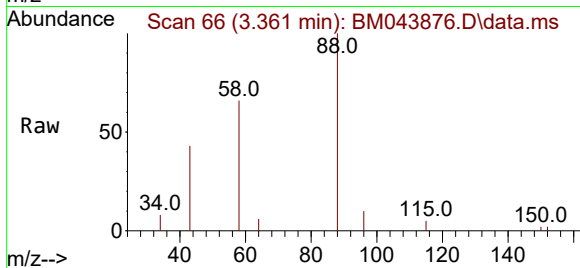




#2
1,4-Dioxane
Concen: 0.966 ng/ul
RT: 3.361 min Scan# 60
Delta R.T. -0.004 min
Lab File: BM043876.D
Acq: 19 Jan 2024 17:31

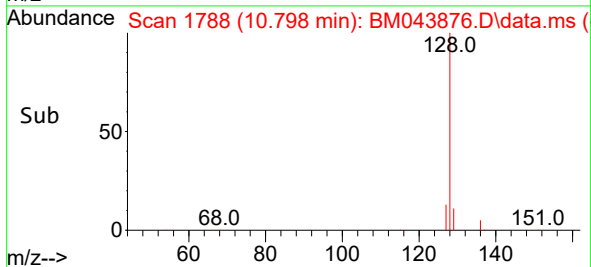
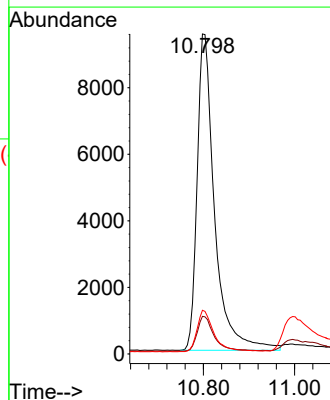
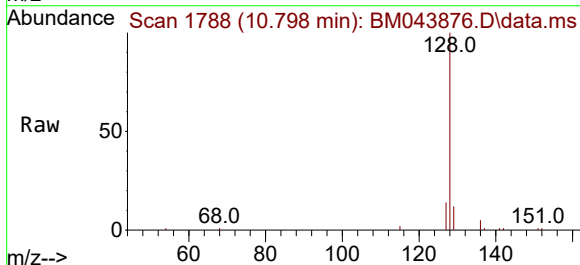
Instrument :
BNA_M
ClientSampleId :
SSTD0.8046

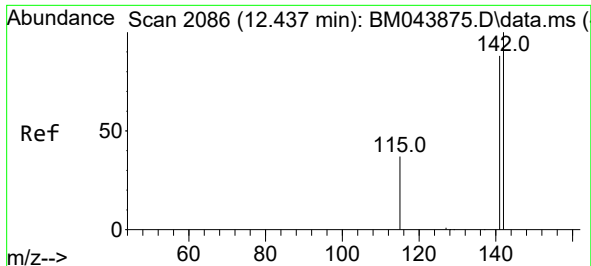
Tgt Ion: 88 Resp: 5092
Ion Ratio Lower Upper
88 100
43 42.8 32.2 48.4
58 66.4 40.2 60.4#



#5
Naphthalene
Concen: 0.813 ng/ul
RT: 10.798 min Scan# 1788
Delta R.T. -0.017 min
Lab File: BM043876.D
Acq: 19 Jan 2024 17:31

Tgt Ion: 128 Resp: 25316
Ion Ratio Lower Upper
128 100
129 11.8 10.0 15.0
127 13.7 11.4 17.0

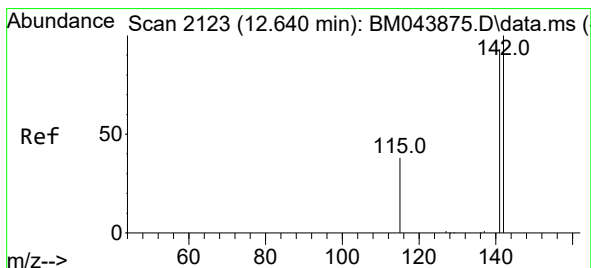
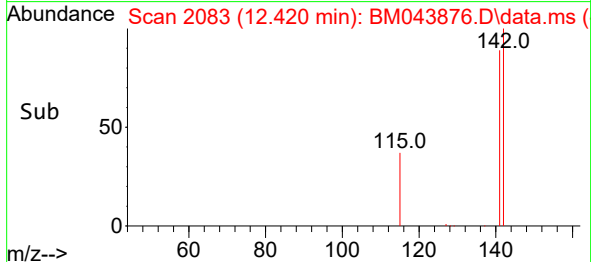
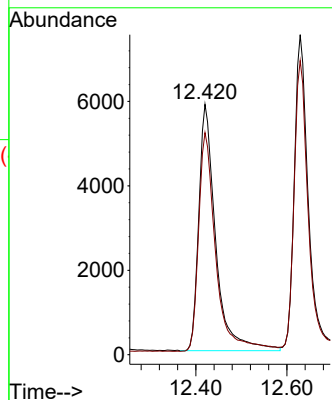
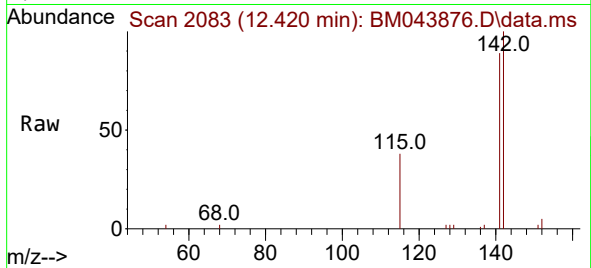




#7
2-Methylnaphthalene
Concen: 0.734 ng/ul
RT: 12.420 min Scan# 2083
Delta R.T. -0.017 min
Lab File: BM043876.D
Acq: 19 Jan 2024 17:31

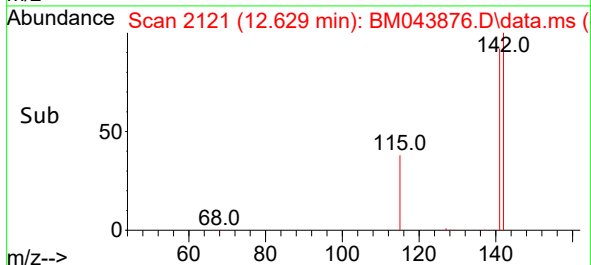
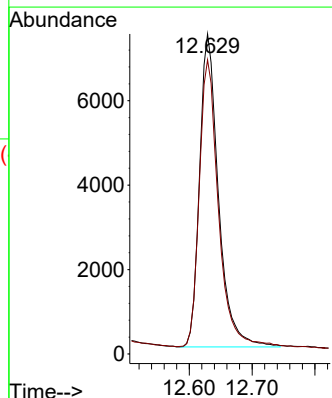
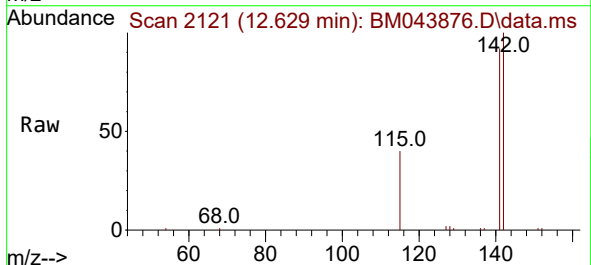
Instrument :
BNA_M
ClientSampleId :
SSTD0.8046

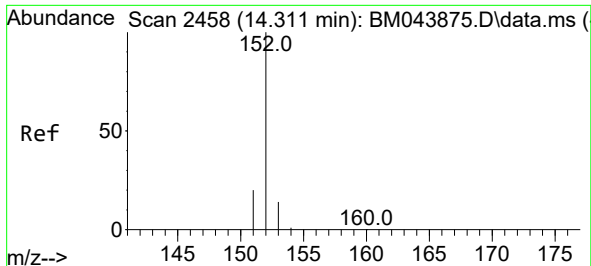
Tgt Ion:142 Resp: 15012
Ion Ratio Lower Upper
142 100
141 90.8 73.0 109.4



#8
1-Methylnaphthalene
Concen: 0.744 ng/ul
RT: 12.629 min Scan# 2121
Delta R.T. -0.011 min
Lab File: BM043876.D
Acq: 19 Jan 2024 17:31

Tgt Ion:142 Resp: 15455
Ion Ratio Lower Upper
142 100
141 92.7 74.6 111.8

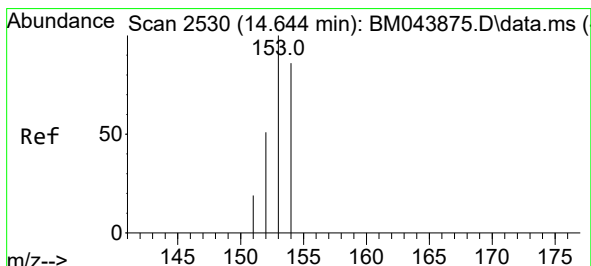
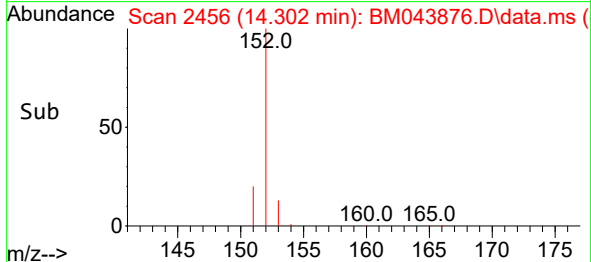
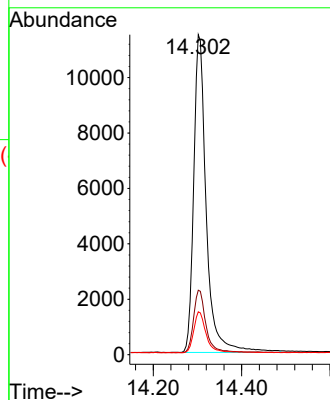
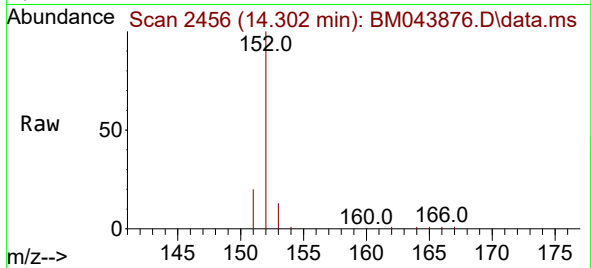




#10
Acenaphthylene
Concen: 0.842 ng/ul
RT: 14.302 min Scan# 2458
Delta R.T. -0.009 min
Lab File: BM043876.D
Acq: 19 Jan 2024 17:31

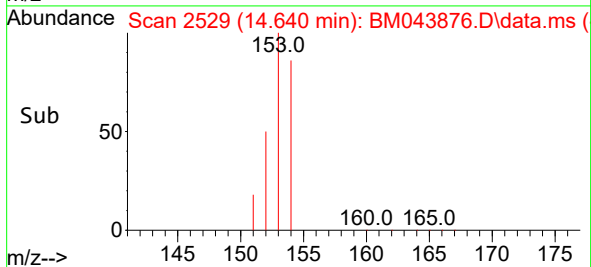
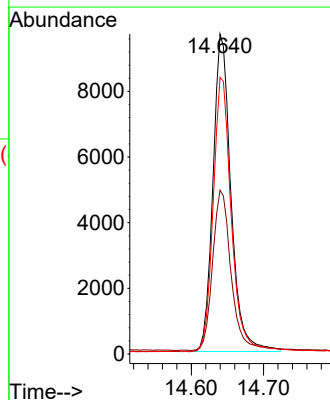
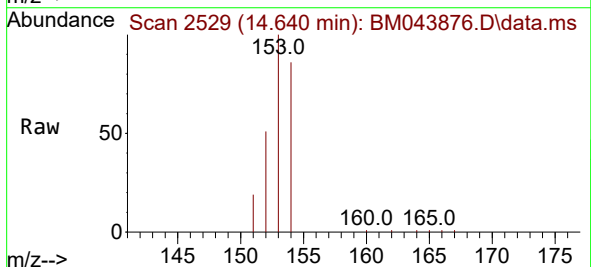
Instrument :
BNA_M
ClientSampleId :
SSTD0.8046

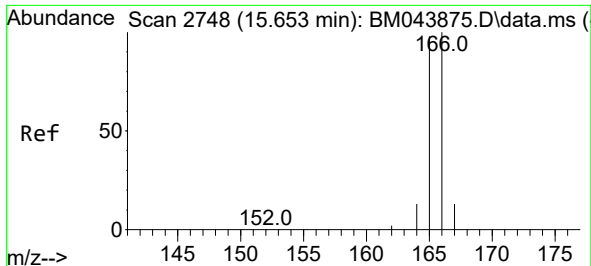
Tgt Ion:152 Resp: 22588
Ion Ratio Lower Upper
152 100
151 20.1 16.6 24.8
153 13.4 11.7 17.5



#11
Acenaphthene
Concen: 0.858 ng/ul
RT: 14.640 min Scan# 2529
Delta R.T. -0.005 min
Lab File: BM043876.D
Acq: 19 Jan 2024 17:31

Tgt Ion:153 Resp: 16735
Ion Ratio Lower Upper
153 100
152 51.2 42.1 63.1
154 86.4 69.0 103.6

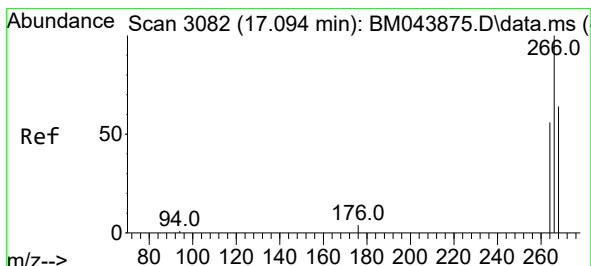
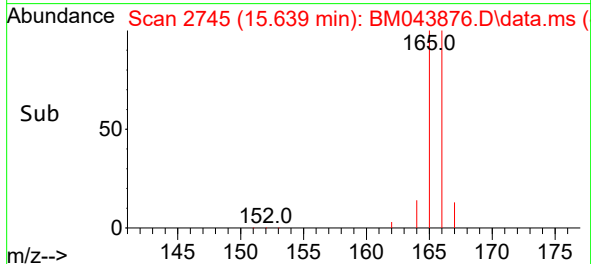
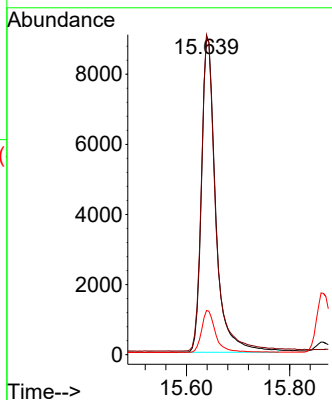
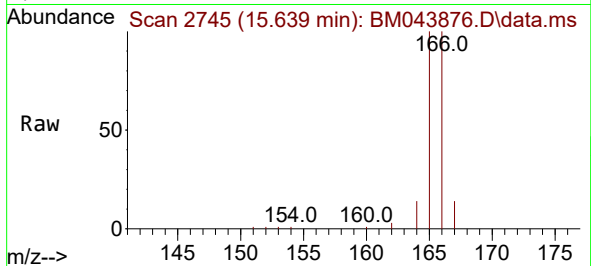




#12
Fluorene
Concen: 0.771 ng/ul
RT: 15.639 min Scan# 21
Delta R.T. -0.014 min
Lab File: BM043876.D
Acq: 19 Jan 2024 17:31

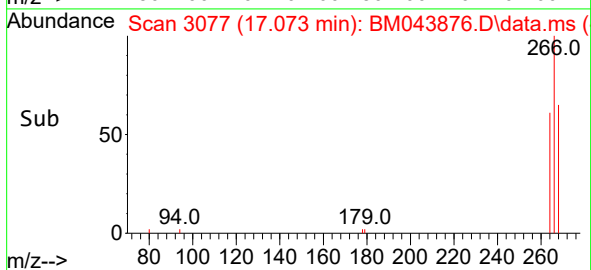
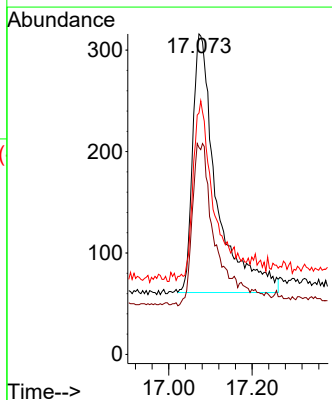
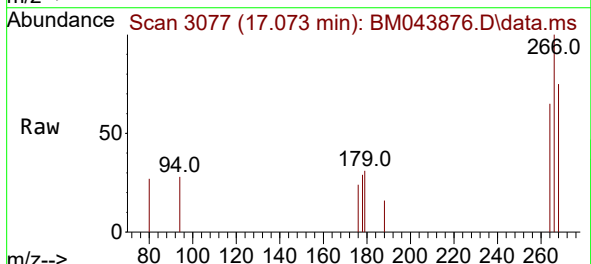
Instrument :
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ClientSampleId :
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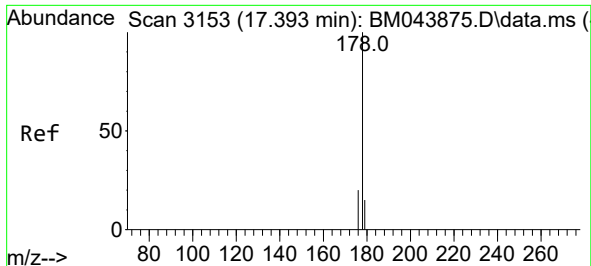
Tgt Ion:166 Resp: 17246
Ion Ratio Lower Upper
166 100
165 100.4 79.2 118.8
167 13.8 11.4 17.2



#14
Pentachlorophenol
Concen: 0.340 ng/ul
RT: 17.073 min Scan# 3077
Delta R.T. -0.021 min
Lab File: BM043876.D
Acq: 19 Jan 2024 17:31

Tgt Ion:266 Resp: 1015
Ion Ratio Lower Upper
266 100
264 63.4 39.8 59.6#
268 61.9 45.6 68.4

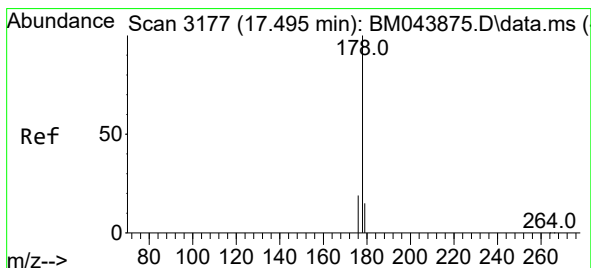
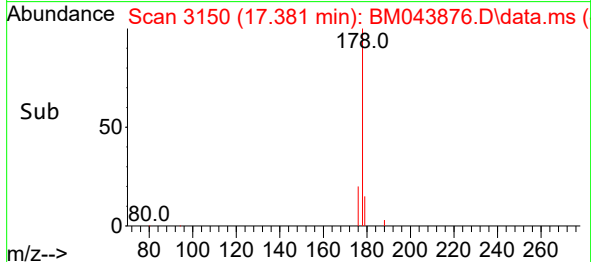
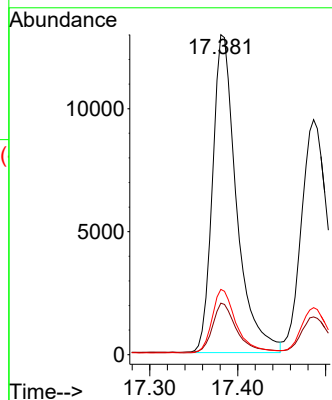
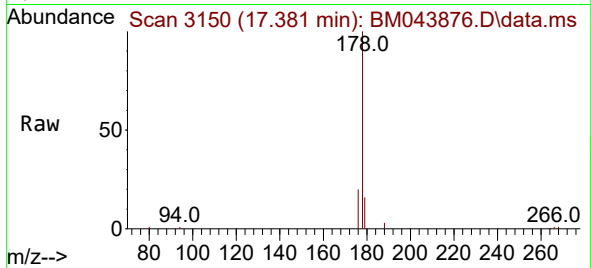




#15
Phenanthrene
Concen: 0.820 ng/ul
RT: 17.381 min Scan# 3150
Delta R.T. -0.013 min
Lab File: BM043876.D
Acq: 19 Jan 2024 17:31

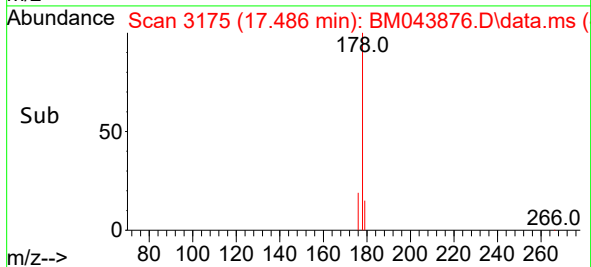
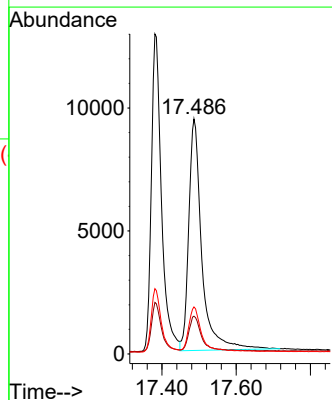
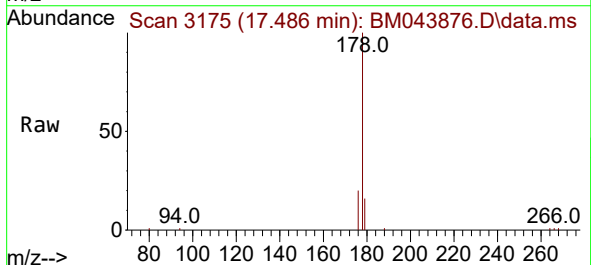
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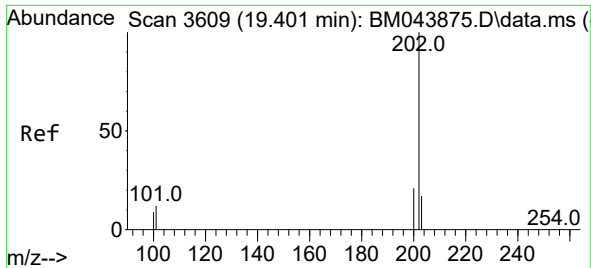
Tgt Ion:178 Resp: 24532
Ion Ratio Lower Upper
178 100
179 16.1 13.0 19.6
176 20.4 16.4 24.6



#16
Anthracene
Concen: 0.806 ng/ul
RT: 17.486 min Scan# 3175
Delta R.T. -0.009 min
Lab File: BM043876.D
Acq: 19 Jan 2024 17:31

Tgt Ion:178 Resp: 22971
Ion Ratio Lower Upper
178 100
179 16.1 13.2 19.8
176 20.1 16.2 24.2

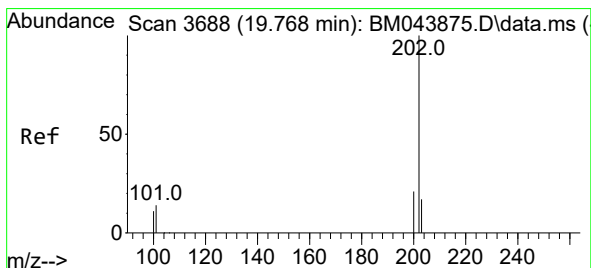
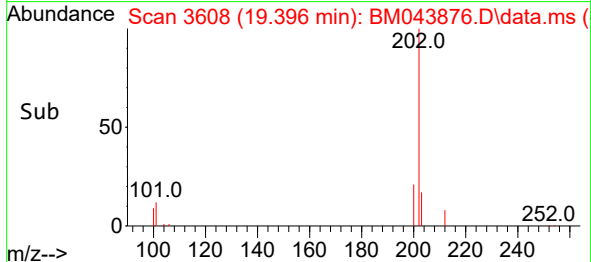
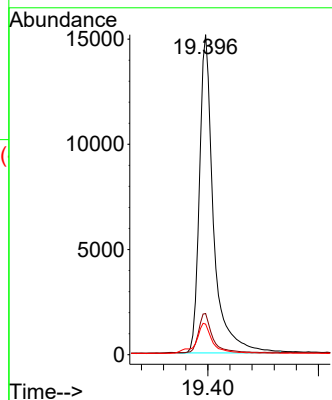
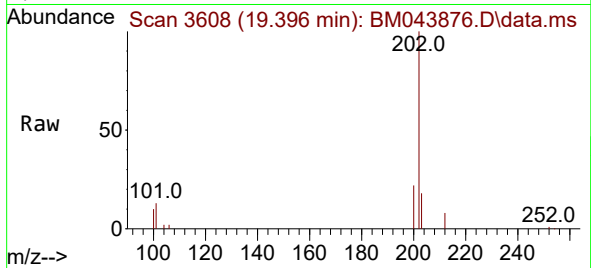




#19
Fluoranthene
Concen: 0.884 ng/ul
RT: 19.396 min Scan# 3608
Delta R.T. -0.005 min
Lab File: BM043876.D
Acq: 19 Jan 2024 17:31

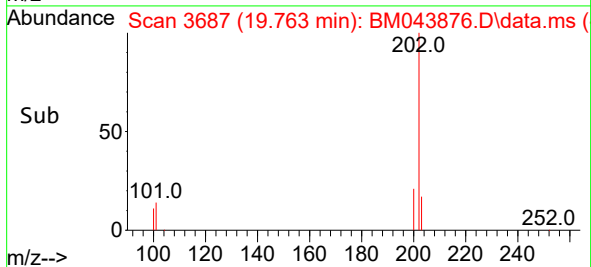
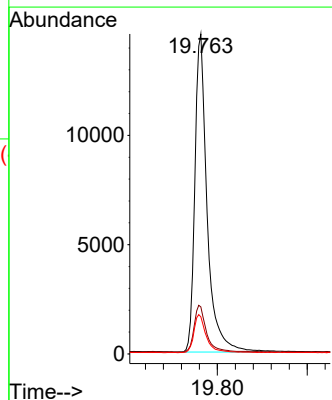
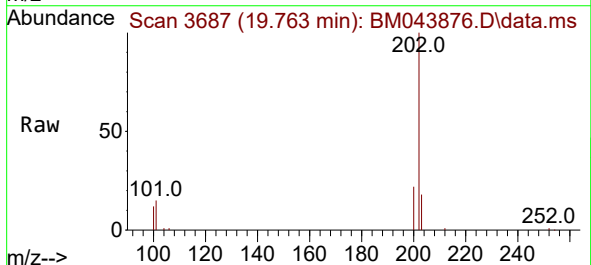
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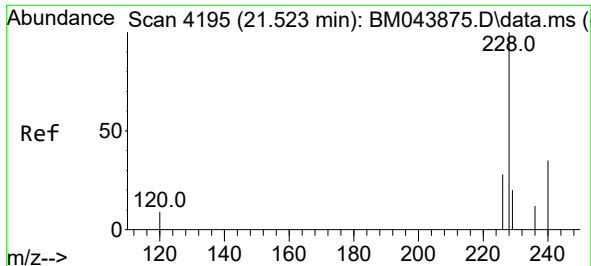
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.1	15.1
100	9.5	8.0	12.0



#20
Pyrene
Concen: 0.878 ng/ul
RT: 19.763 min Scan# 3687
Delta R.T. -0.005 min
Lab File: BM043876.D
Acq: 19 Jan 2024 17:31

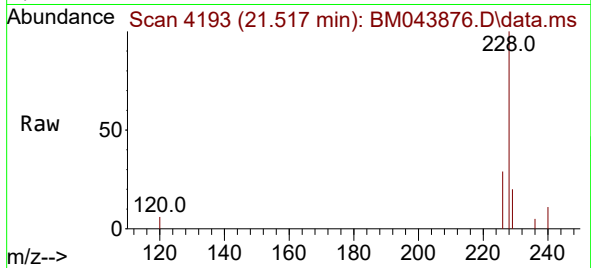
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.7	11.9	17.9
100	11.6	9.5	14.3



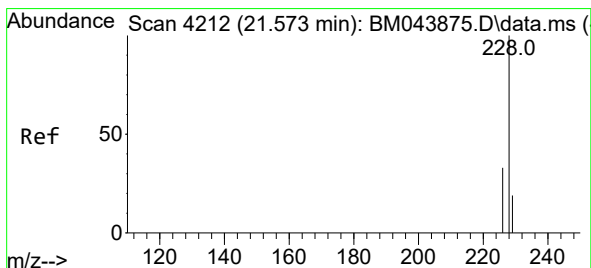
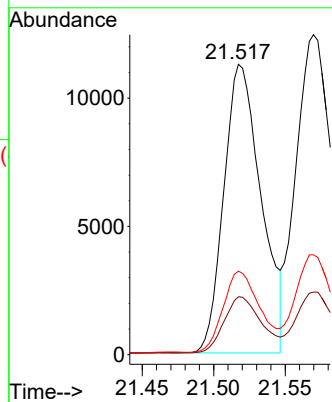
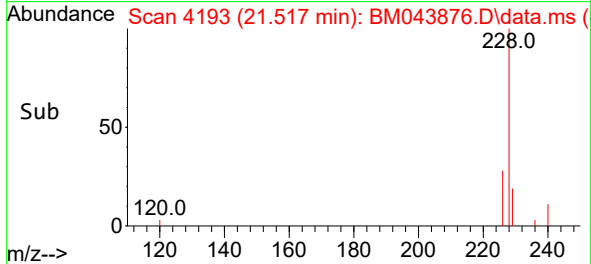


#21
Benzo(a)anthracene
Concen: 0.769 ng/ul
RT: 21.517 min Scan# 4193
Delta R.T. -0.006 min
Lab File: BM043876.D
Acq: 19 Jan 2024 17:31

Instrument :
BNA_M
ClientSampleId :
SSTD0.8046

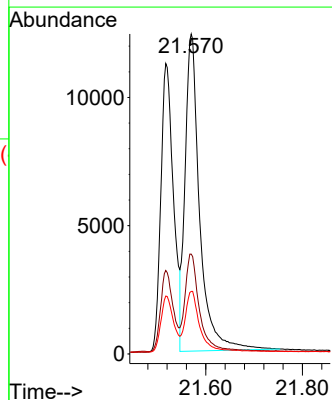
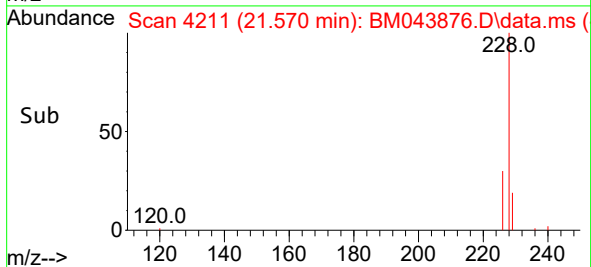
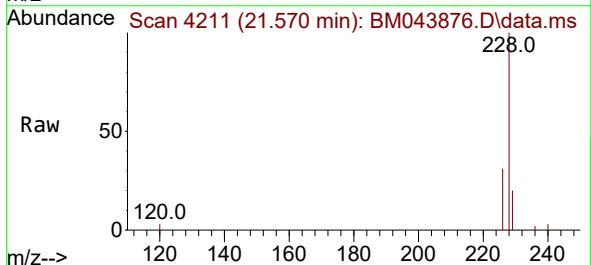


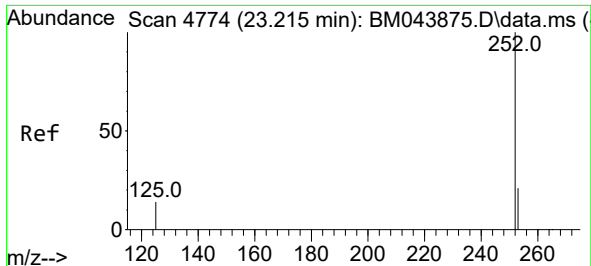
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Ion Ratio Lower Upper
228 100
229 20.0 16.5 24.7
226 28.7 23.1 34.7



#22
Chrysene
Concen: 0.904 ng/ul
RT: 21.570 min Scan# 4211
Delta R.T. -0.003 min
Lab File: BM043876.D
Acq: 19 Jan 2024 17:31

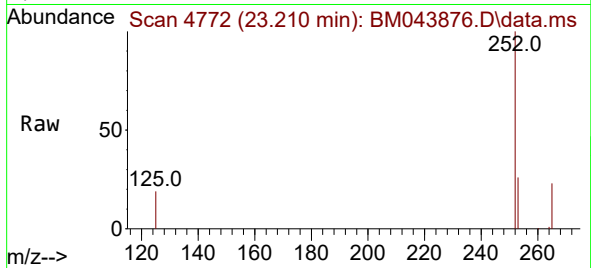
Tgt Ion:228 Resp: 25885
Ion Ratio Lower Upper
228 100
226 31.2 26.2 39.2
229 19.5 16.2 24.2



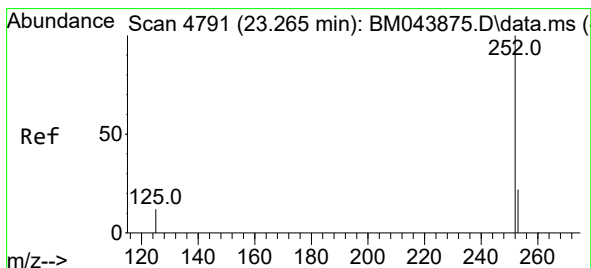
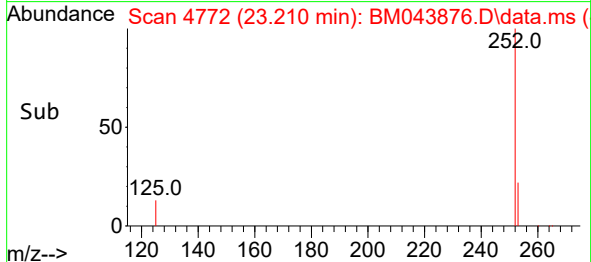
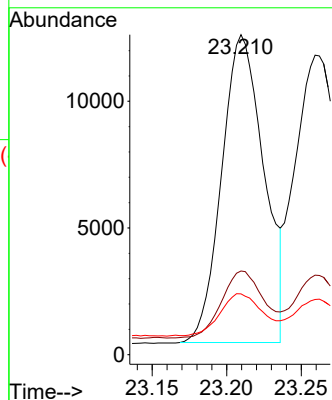


#24
Benzo(b)fluoranthene
Concen: 0.785 ng/ul
RT: 23.210 min Scan# 4772
Delta R.T. -0.006 min
Lab File: BM043876.D
Acq: 19 Jan 2024 17:31

Instrument :
BNA_M
ClientSampleId :
SSTD0.8046

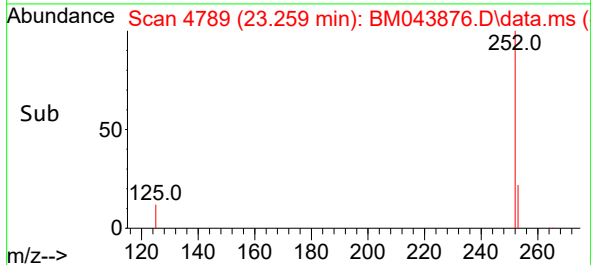
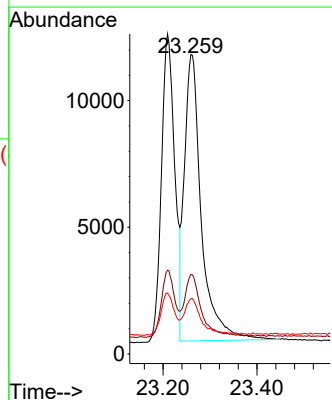
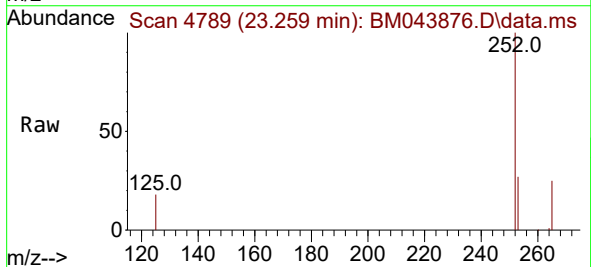


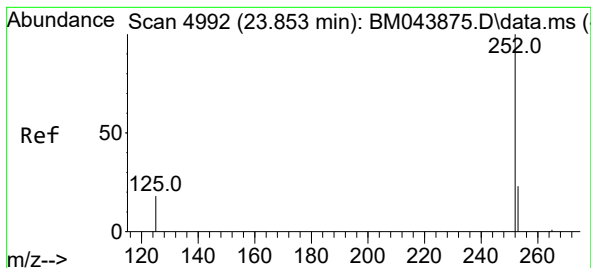
Tgt Ion:252 Resp: 23902
Ion Ratio Lower Upper
252 100
253 26.2 0.0 58.8
125 19.0 0.0 47.2



#25
Benzo(k)fluoranthene
Concen: 0.845 ng/ul
RT: 23.259 min Scan# 4789
Delta R.T. -0.006 min
Lab File: BM043876.D
Acq: 19 Jan 2024 17:31

Tgt Ion:252 Resp: 28351
Ion Ratio Lower Upper
252 100
253 26.6 24.2 36.2
125 18.4 17.9 26.9





#26

Benzo(a)pyrene

Concen: 0.844 ng/ul

RT: 23.850 min Scan# 4992

Delta R.T. -0.003 min

Lab File: BM043876.D

Acq: 19 Jan 2024 17:31

Instrument :

BNA_M

ClientSampleId :

SSTD0.8046

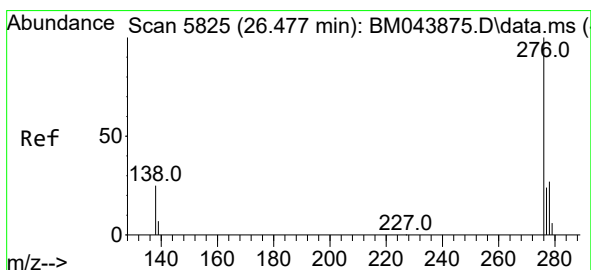
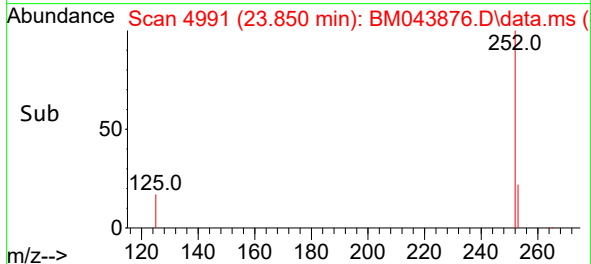
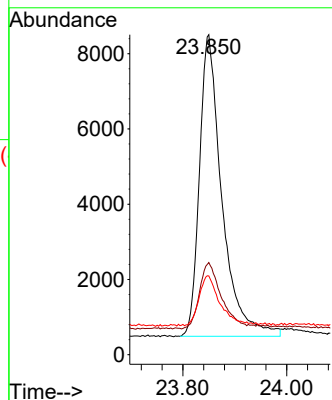
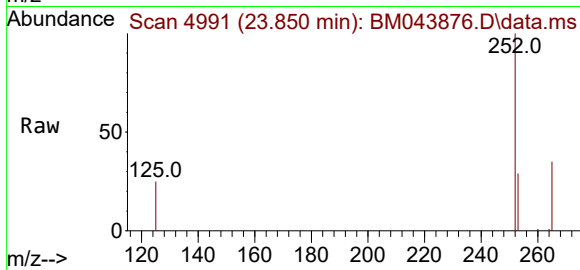
Tgt Ion:252 Resp: 24053

Ion Ratio Lower Upper

252 100

253 28.8 28.6 42.8

125 24.6 26.9 40.3#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.901 ng/ul

RT: 26.464 min Scan# 5821

Delta R.T. -0.014 min

Lab File: BM043876.D

Acq: 19 Jan 2024 17:31

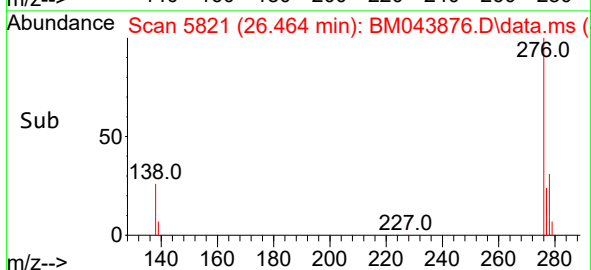
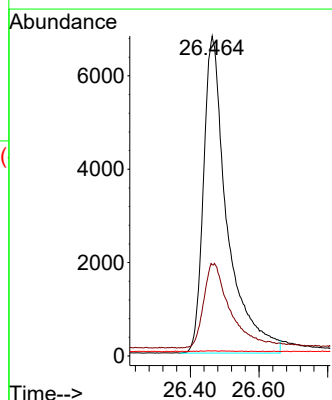
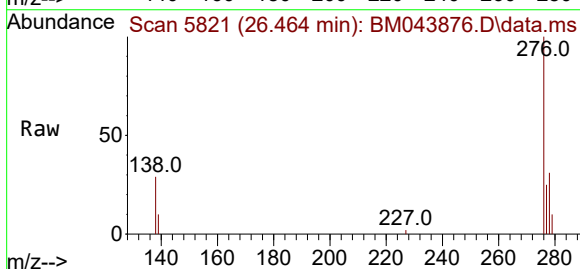
Tgt Ion:276 Resp: 32483

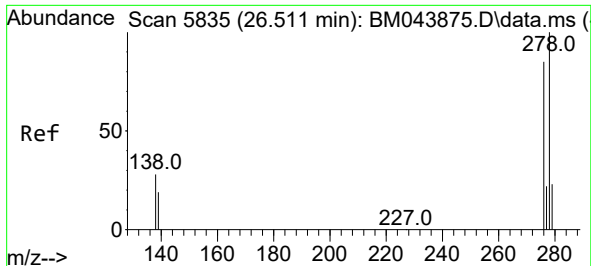
Ion Ratio Lower Upper

276 100

138 30.4 24.6 36.8

227 0.1 0.1 0.1

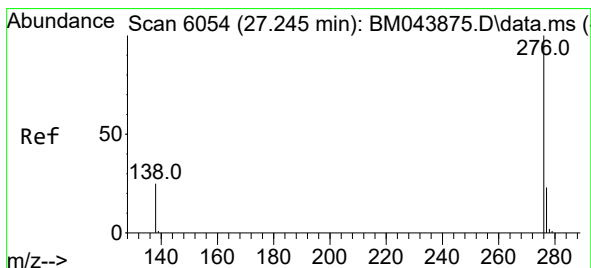
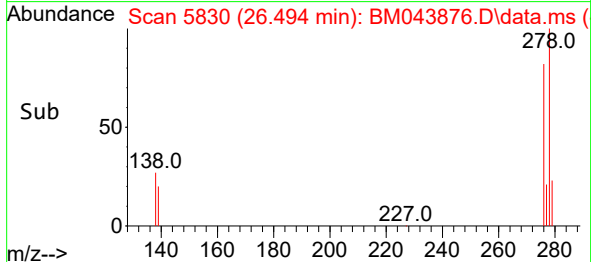
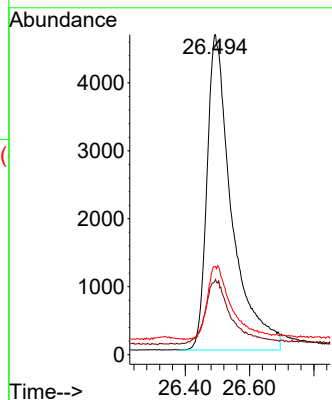
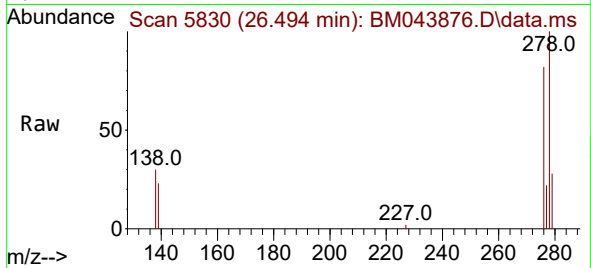




#28
Dibenzo(a,h)anthracene
Concen: 0.891 ng/ul
RT: 26.494 min Scan# 5830
Delta R.T. -0.017 min
Lab File: BM043876.D
Acq: 19 Jan 2024 17:31

Instrument :
BNA_M
ClientSampleId :
SSTD0.8046

Tgt Ion:278 Resp: 24893
Ion Ratio Lower Upper
278 100
139 23.5 21.1 31.7
279 27.5 25.8 38.6



#29
Benzo(g,h,i)perylene
Concen: 0.932 ng/ul
RT: 27.238 min Scan# 6052
Delta R.T. -0.007 min
Lab File: BM043876.D
Acq: 19 Jan 2024 17:31

Tgt Ion:276 Resp: 28105
Ion Ratio Lower Upper
276 100
138 29.0 24.0 36.0
277 24.6 20.6 31.0

