

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050823\
 Data File : BM039875.D
 Acq On : 08 May 2023 18:56
 Operator : CG/JU
 Sample : PB152529BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS529

Quant Time: May 09 01:52:56 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 08 14:35:49 2023
 Response via : Initial Calibration

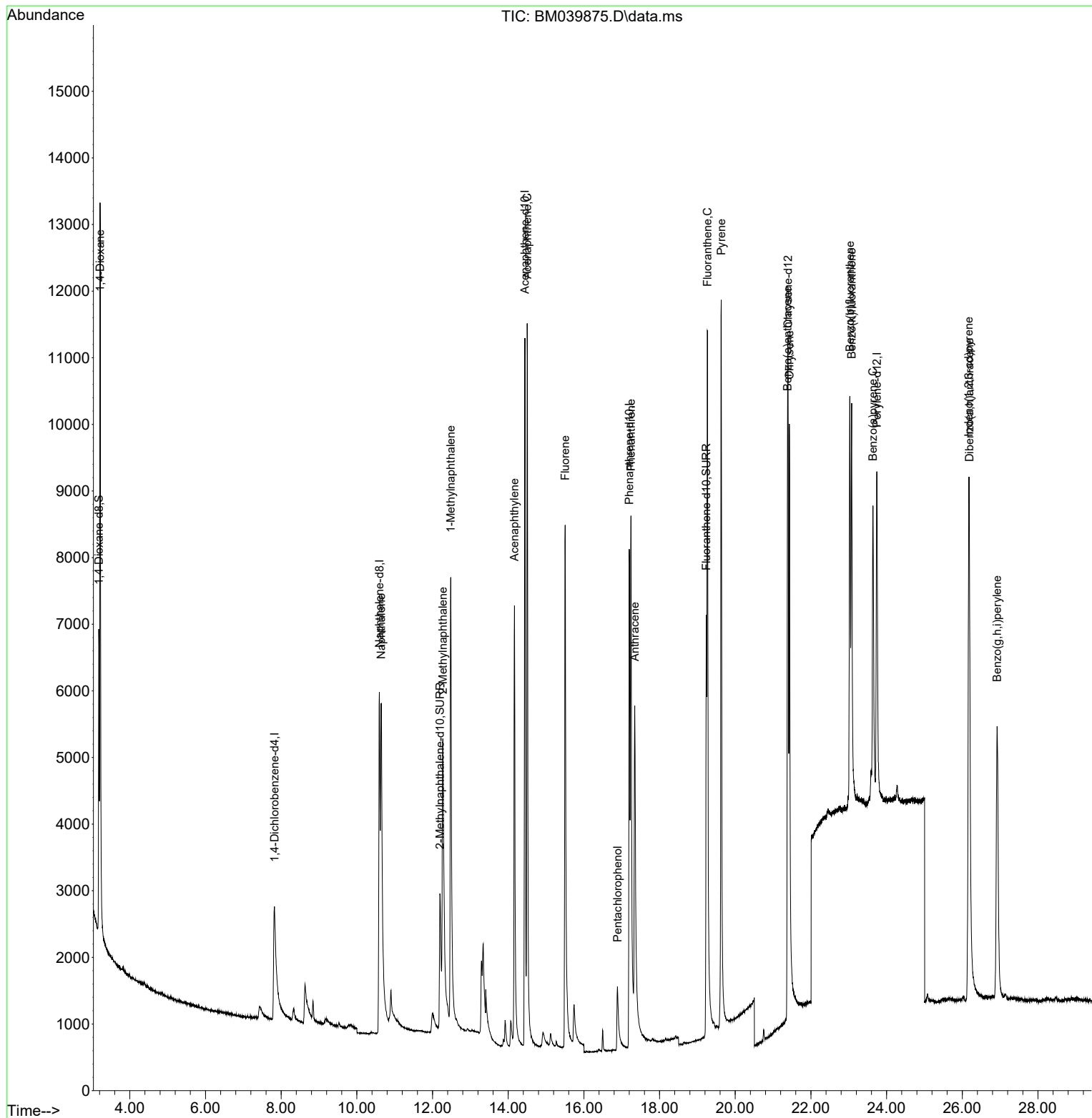
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.821	152	3040	0.400	ng/ul	0.00
4) Naphthalene-d8	10.595	136	13063	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.441	164	7094	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	12052	0.400	ng/ul	0.00
17) Chrysene-d12	21.395	240	7803	0.400	ng/ul	0.00
23) Perylene-d12	23.742	264	7916	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.180	96	2835	0.633	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.195	152	5735	0.342	ng/ul	0.00
18) Fluoranthene-d10	19.234	212	9267	0.441	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.214	88	7197	1.551	ng/ul#	36
5) Naphthalene	10.644	128	10666	0.325	ng/ul	99
7) 2-Methylnaphthalene	12.272	142	6218	0.328	ng/ul	99
8) 1-Methylnaphthalene	12.481	142	6709	0.330	ng/ul	99
10) Acenaphthylene	14.164	152	10404	0.379	ng/ul	99
11) Acenaphthene	14.501	153	7498	0.348	ng/ul	99
12) Fluorene	15.505	166	7841	0.328	ng/ul	99
14) Pentachlorophenol	16.887	266	1396	0.531	ng/ul	98
15) Phenanthrene	17.242	178	10810	0.340	ng/ul	99
16) Anthracene	17.343	178	9361	0.343	ng/ul	99
19) Fluoranthene	19.266	202	11641	0.418	ng/ul	99
20) Pyrene	19.629	202	12396	0.412	ng/ul	99
21) Benzo(a)anthracene	21.380	228	8338	0.372	ng/ul	96
22) Chrysene	21.430	228	9271	0.365	ng/ul	97
24) Benzo(b)fluoranthene	23.029	252	8969	0.323	ng/ul	86
25) Benzo(k)fluoranthene	23.076	252	9133	0.323	ng/ul#	87
26) Benzo(a)pyrene	23.640	252	8297	0.332	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.172	276	11696	0.371	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.186	278	9270	0.378	ng/ul#	91
29) Benzo(g,h,i)perylene	26.920	276	10092	0.367	ng/ul	93

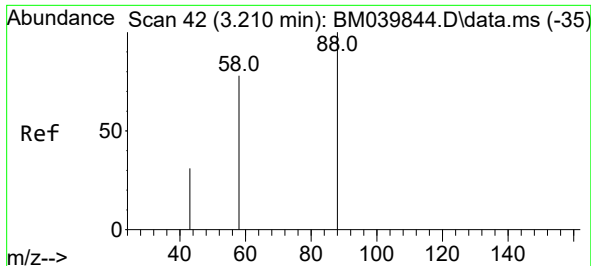
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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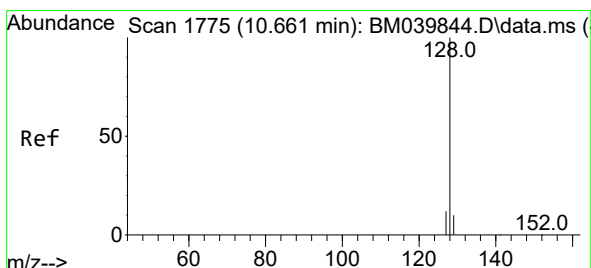
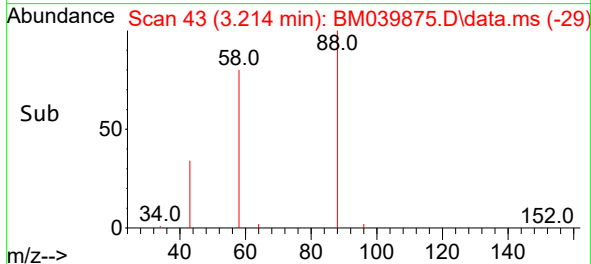
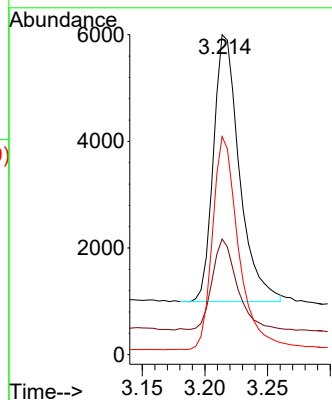
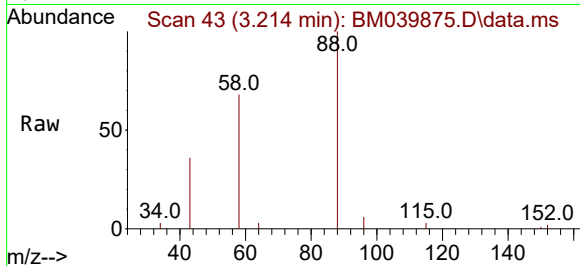




#2
1,4-Dioxane
Concen: 1.551 ng/ul
RT: 3.214 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM039875.D
Acq: 08 May 2023 18:56

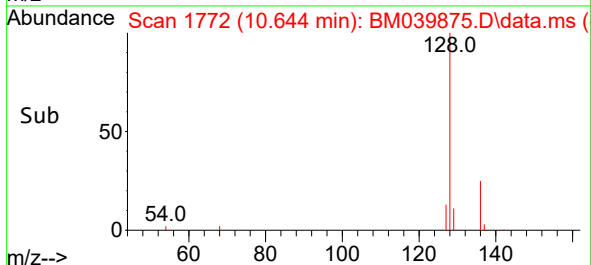
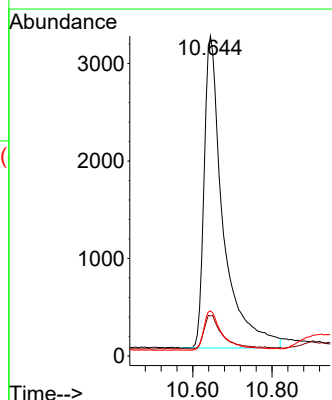
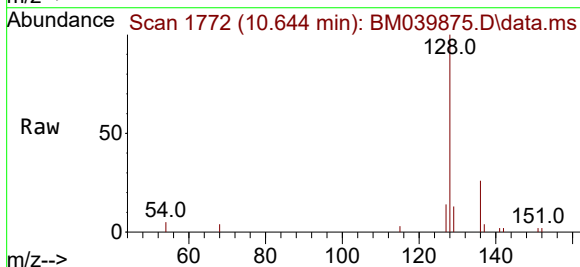
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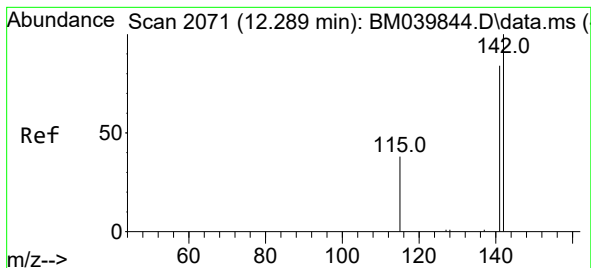
Tgt Ion: 88 Resp: 7197
Ion Ratio Lower Upper
88 100
43 36.2 102.6 153.8#
58 68.2 40.6 61.0#



#5
Naphthalene
Concen: 0.325 ng/ul
RT: 10.644 min Scan# 1772
Delta R.T. -0.000 min
Lab File: BM039875.D
Acq: 08 May 2023 18:56

Tgt Ion: 128 Resp: 10666
Ion Ratio Lower Upper
128 100
129 12.5 9.8 14.6
127 14.1 11.1 16.7

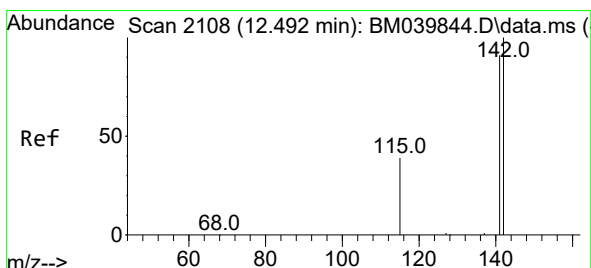
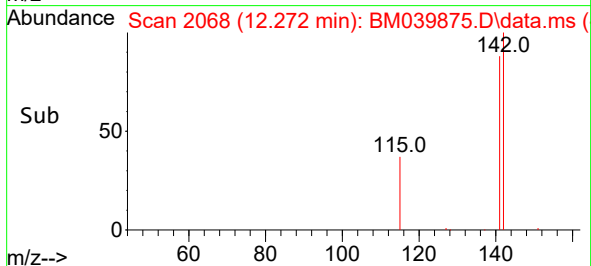
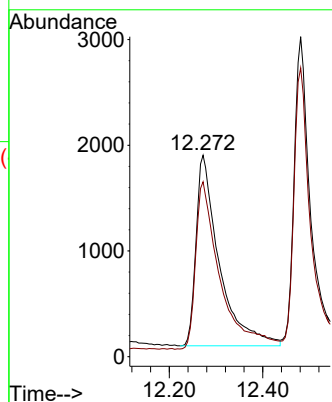
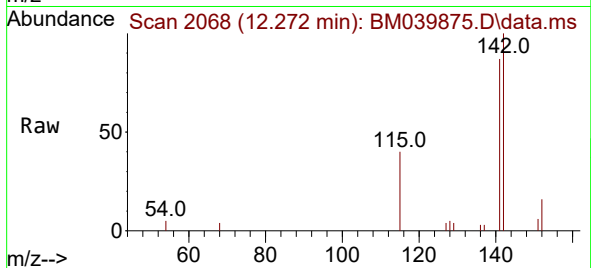




#7
2-Methylnaphthalene
Concen: 0.328 ng/ul
RT: 12.272 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BM039875.D
Acq: 08 May 2023 18:56

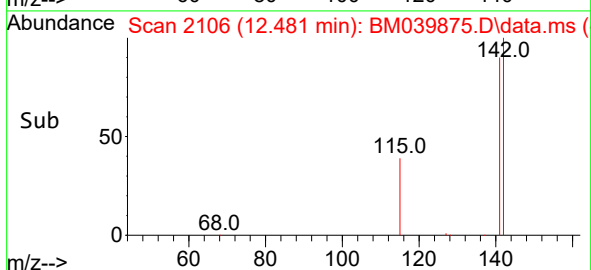
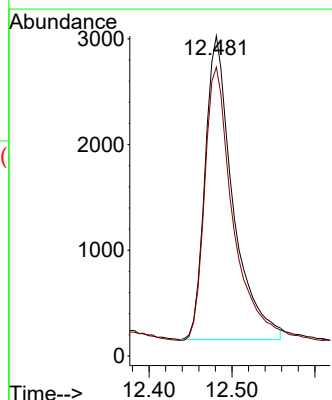
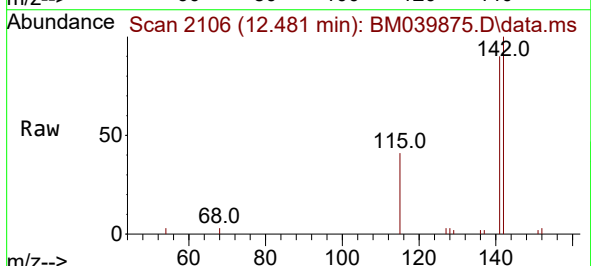
Instrument :
BNA_M
ClientSampleId :
SLCS529

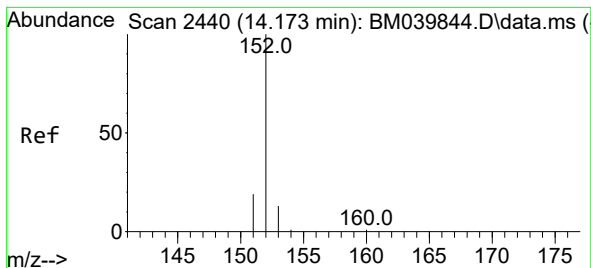
Tgt Ion:142 Resp: 6218
Ion Ratio Lower Upper
142 100
141 92.6 73.2 109.8



#8
1-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.481 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BM039875.D
Acq: 08 May 2023 18:56

Tgt Ion:142 Resp: 6709
Ion Ratio Lower Upper
142 100
141 90.9 73.4 110.2





#10

Acenaphthylene

Concen: 0.379 ng/ul

RT: 14.164 min Scan# 2440

Delta R.T. 0.000 min

Lab File: BM039875.D

Acq: 08 May 2023 18:56

Instrument :

BNA_M

ClientSampleId :

SLCS529

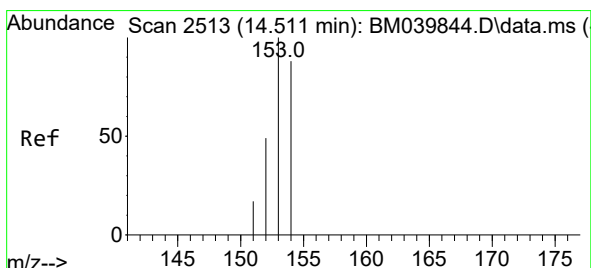
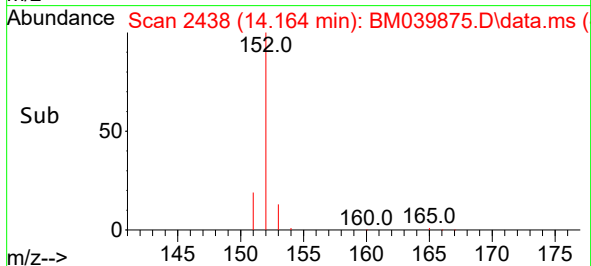
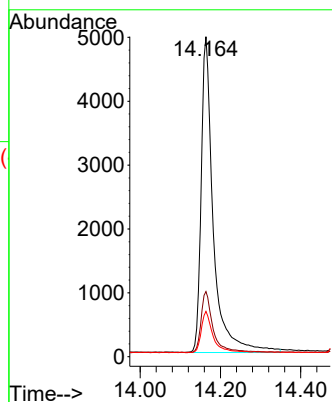
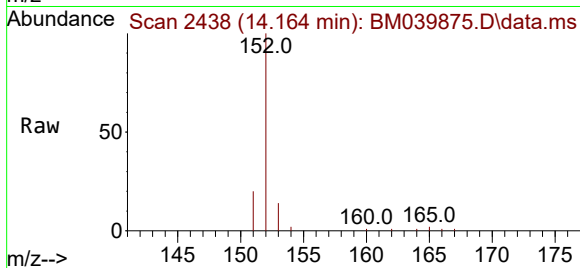
Tgt Ion:152 Resp: 10404

Ion Ratio Lower Upper

152 100

151 20.4 16.0 24.0

153 14.1 11.2 16.8



#11

Acenaphthene

Concen: 0.348 ng/ul

RT: 14.501 min Scan# 2511

Delta R.T. 0.000 min

Lab File: BM039875.D

Acq: 08 May 2023 18:56

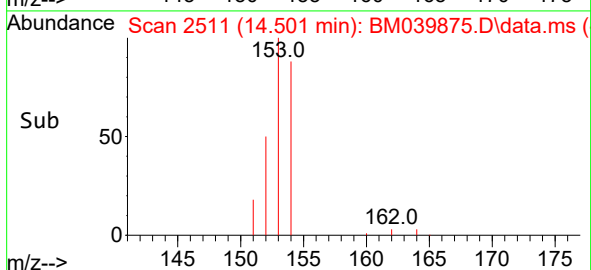
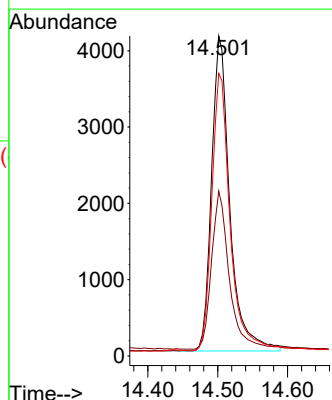
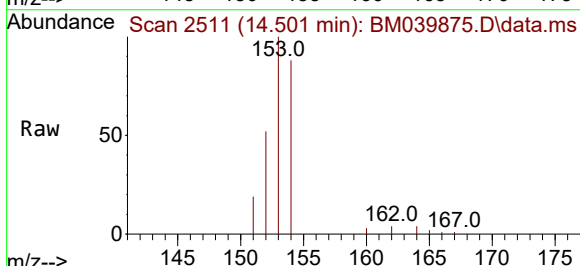
Tgt Ion:153 Resp: 7498

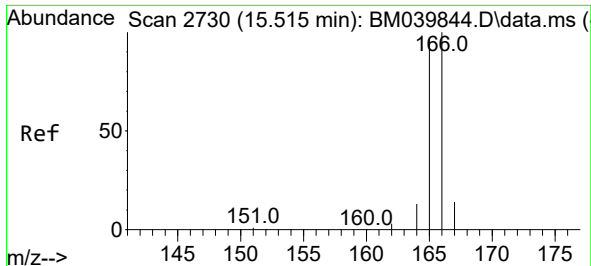
Ion Ratio Lower Upper

153 100

152 51.5 40.6 61.0

154 88.3 71.9 107.9

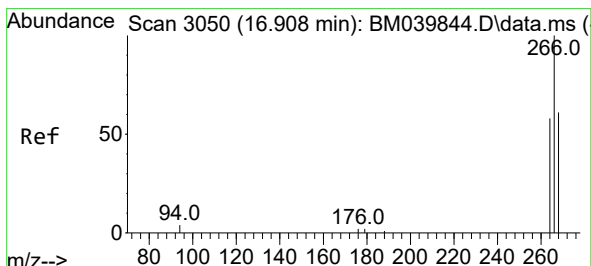
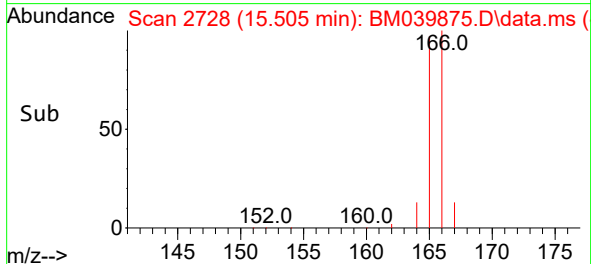
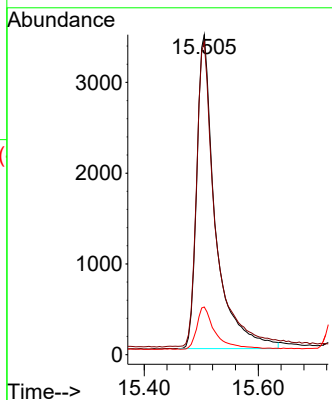
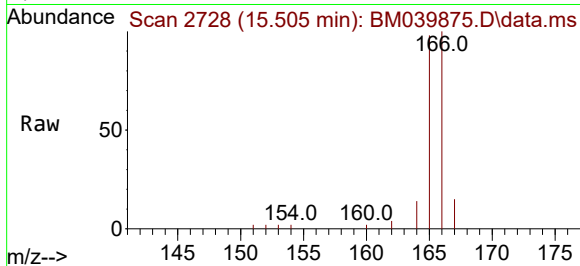




#12
Fluorene
Concen: 0.328 ng/ul
RT: 15.505 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM039875.D
Acq: 08 May 2023 18:56

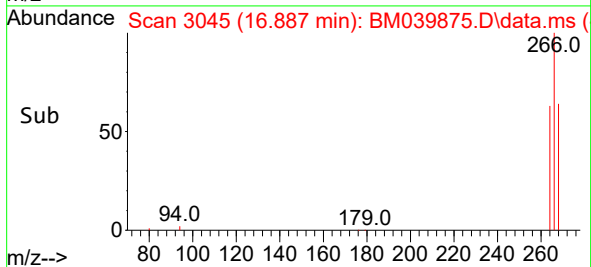
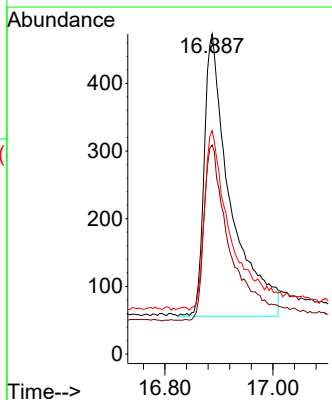
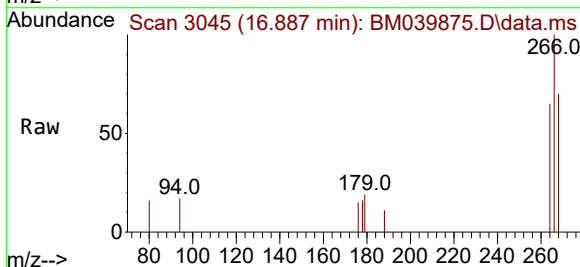
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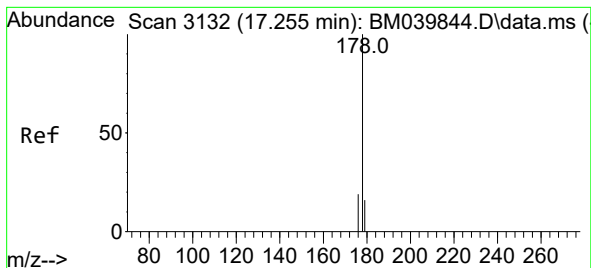
Tgt Ion:	166	Resp:	7841
Ion Ratio	Lower	Upper	
166	100		
165	97.7	79.0	118.6
167	14.9	11.8	17.6



#14
Pentachlorophenol
Concen: 0.531 ng/ul
RT: 16.887 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BM039875.D
Acq: 08 May 2023 18:56

Tgt Ion:	266	Resp:	1396
Ion Ratio	Lower	Upper	
266	100		
264	62.2	48.8	73.2
268	64.5	50.4	75.6





#15

Phenanthrene

Concen: 0.340 ng/ul

RT: 17.242 min Scan# 3129

Delta R.T. 0.004 min

Lab File: BM039875.D

Acq: 08 May 2023 18:56

Instrument :

BNA_M

ClientSampleId :

SLCS529

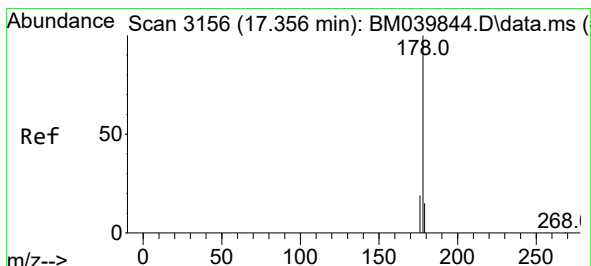
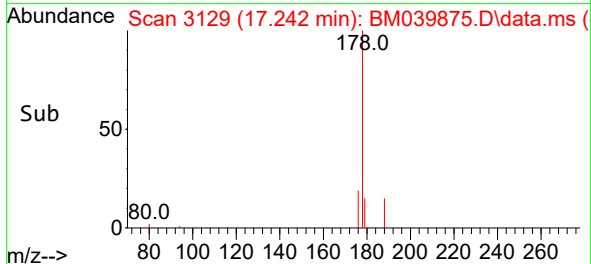
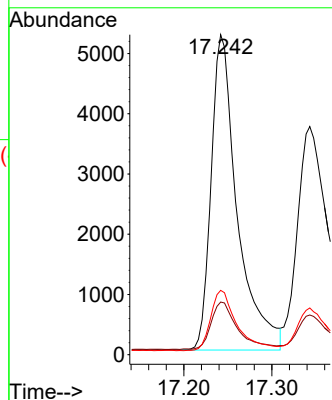
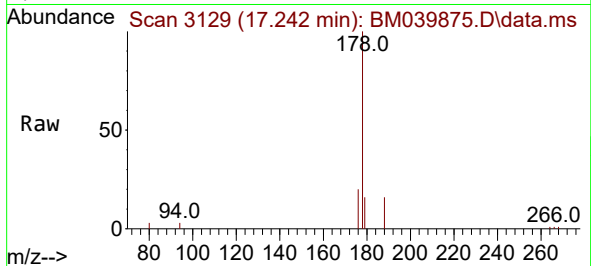
Tgt Ion:178 Resp: 10810

Ion Ratio Lower Upper

178 100

179 16.5 13.0 19.6

176 20.1 15.8 23.8



#16

Anthracene

Concen: 0.343 ng/ul

RT: 17.343 min Scan# 3153

Delta R.T. 0.004 min

Lab File: BM039875.D

Acq: 08 May 2023 18:56

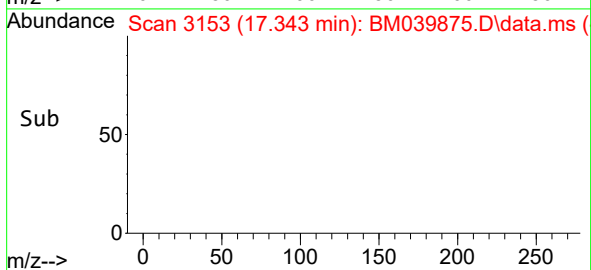
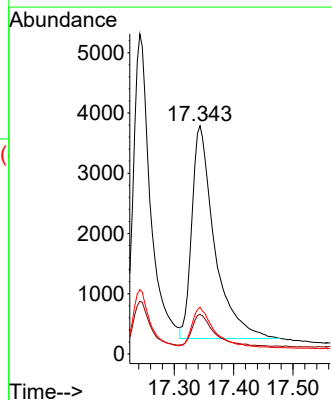
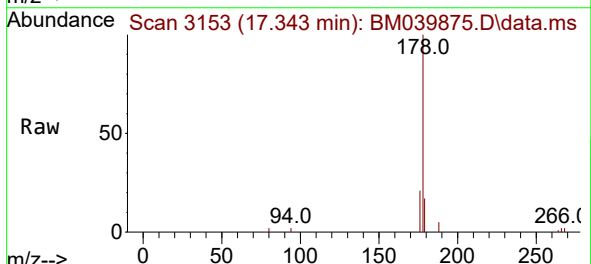
Tgt Ion:178 Resp: 9361

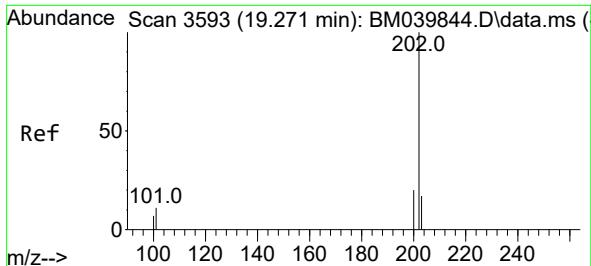
Ion Ratio Lower Upper

178 100

179 17.4 13.8 20.6

176 20.5 15.8 23.8

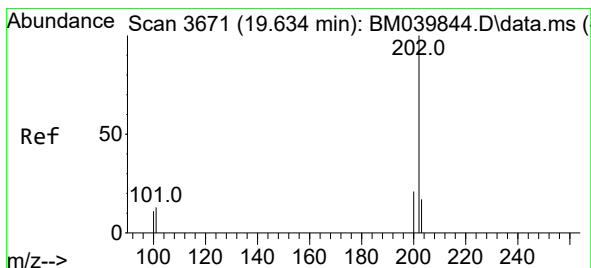
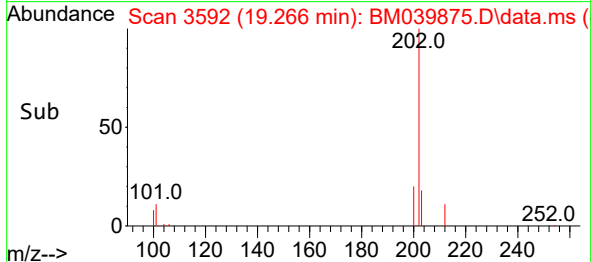
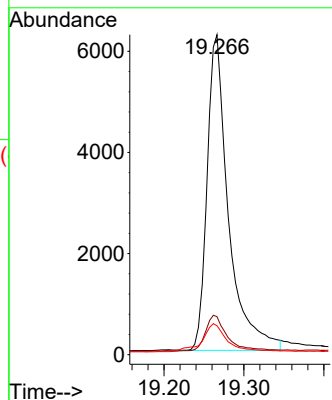
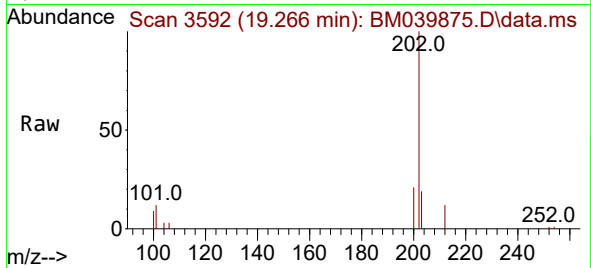




#19
Fluoranthene
Concen: 0.418 ng/ul
RT: 19.266 min Scan# 3592
Delta R.T. 0.005 min
Lab File: BM039875.D
Acq: 08 May 2023 18:56

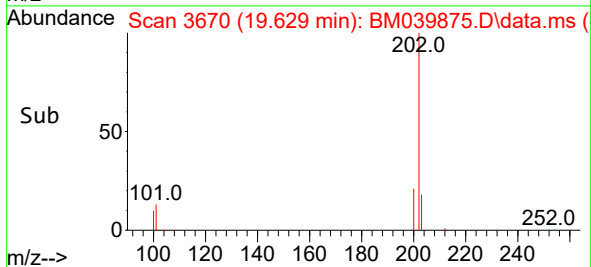
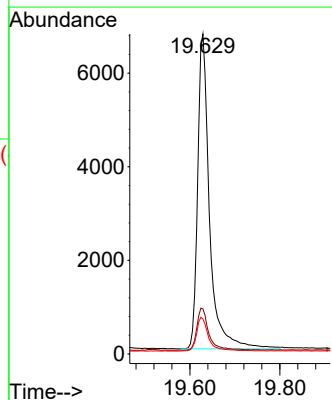
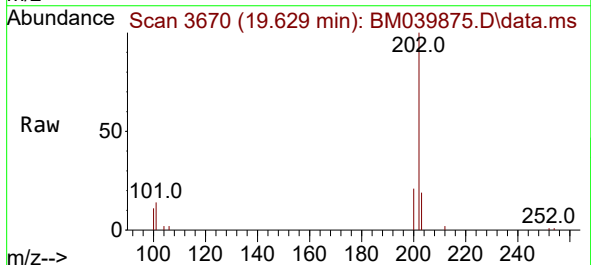
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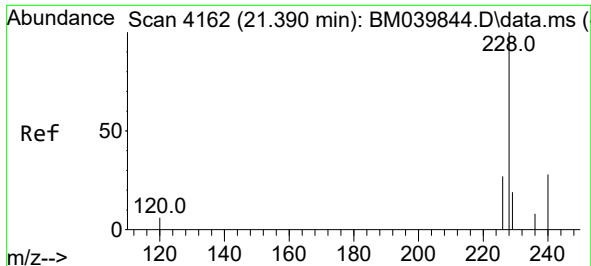
Tgt Ion:	202	Resp:	11641
Ion Ratio	Lower	Upper	
202	100		
101	11.9	9.8	14.8
100	9.0	7.3	10.9



#20
Pyrene
Concen: 0.412 ng/ul
RT: 19.629 min Scan# 3670
Delta R.T. 0.005 min
Lab File: BM039875.D
Acq: 08 May 2023 18:56

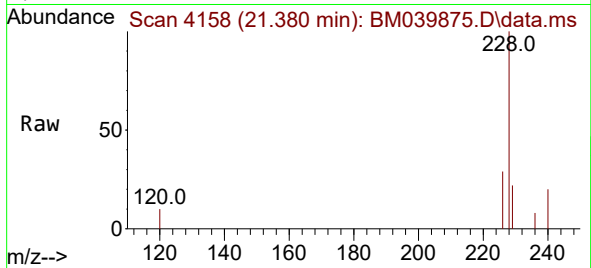
Tgt Ion:	202	Resp:	12396
Ion Ratio	Lower	Upper	
202	100		
101	14.1	10.9	16.3
100	10.9	8.9	13.3



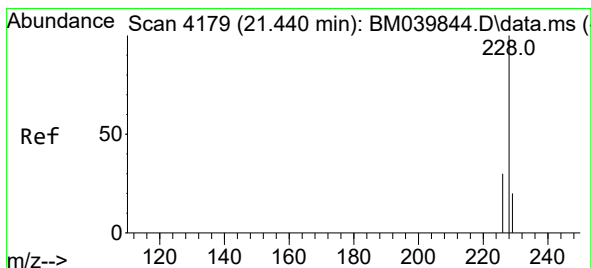
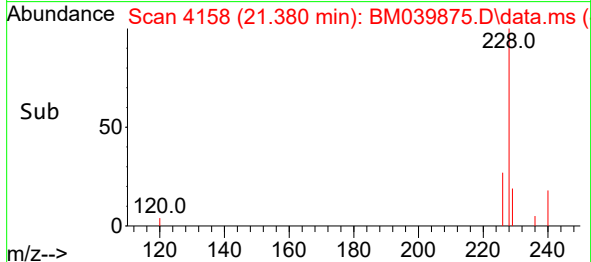
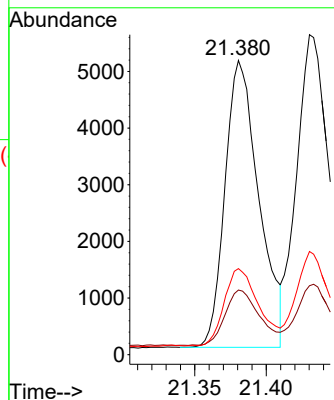


#21
Benzo(a)anthracene
Concen: 0.372 ng/ul
RT: 21.380 min Scan# 4162
Delta R.T. 0.003 min
Lab File: BM039875.D
Acq: 08 May 2023 18:56

Instrument :
BNA_M
ClientSampleId :
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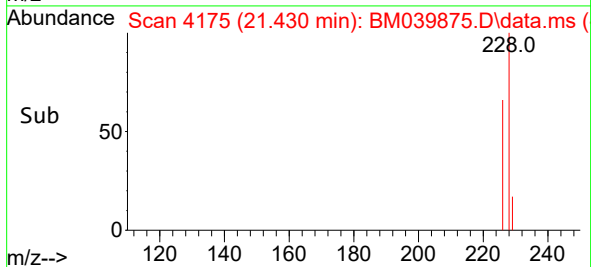
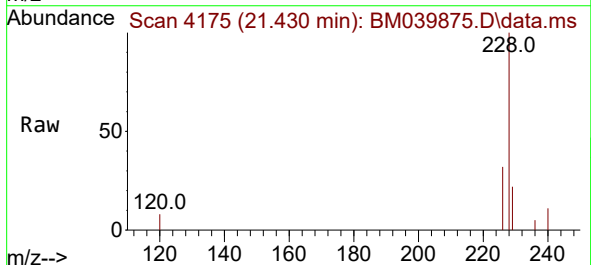
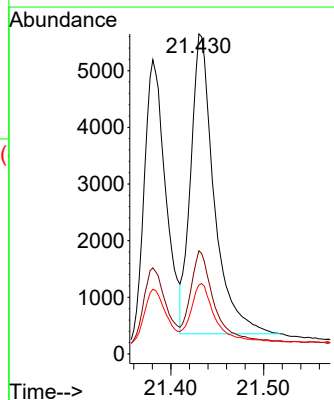


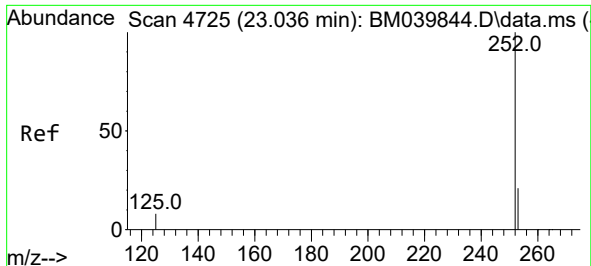
Tgt Ion:228 Resp: 8338
Ion Ratio Lower Upper
228 100
229 22.0 16.2 24.2
226 29.3 21.6 32.4



#22
Chrysene
Concen: 0.365 ng/ul
RT: 21.430 min Scan# 4175
Delta R.T. 0.000 min
Lab File: BM039875.D
Acq: 08 May 2023 18:56

Tgt Ion:228 Resp: 9271
Ion Ratio Lower Upper
228 100
226 32.2 24.3 36.5
229 21.5 15.9 23.9

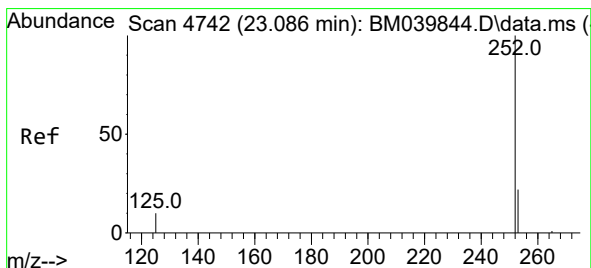
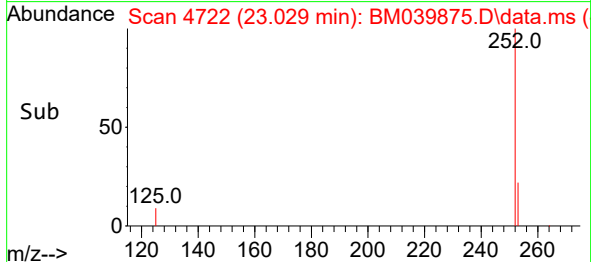
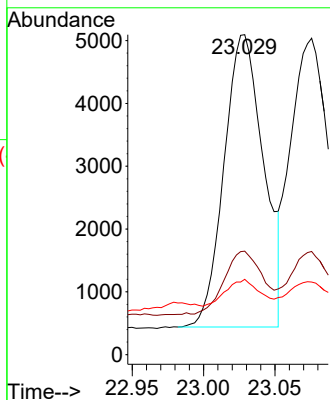
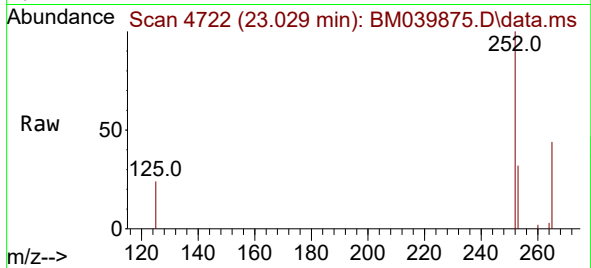




#24
Benzo(b)fluoranthene
Concen: 0.323 ng/ul
RT: 23.029 min Scan# 4722
Delta R.T. 0.006 min
Lab File: BM039875.D
Acq: 08 May 2023 18:56

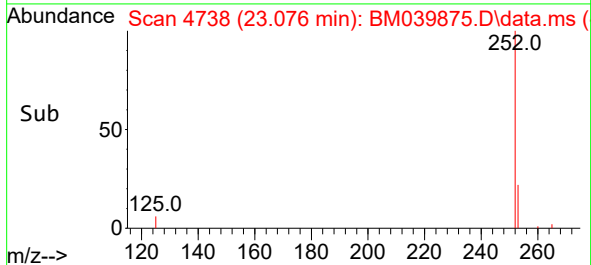
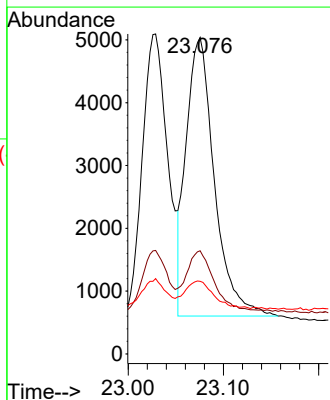
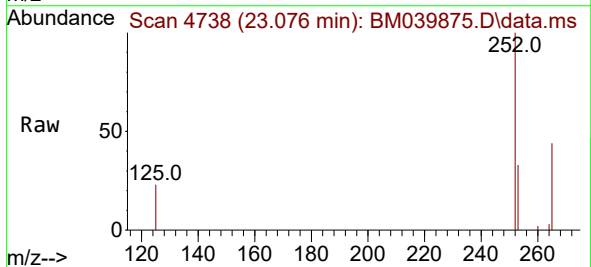
Instrument :
BNA_M
ClientSampleId :
SLCS529

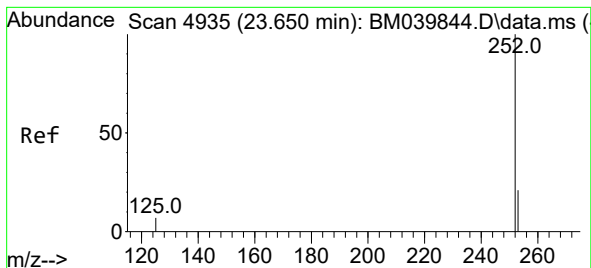
Tgt Ion:	252	Resp:	8969
Ion Ratio	Lower	Upper	
252	100		
253	32.4	0.0	52.8
125	23.5	0.0	31.6



#25
Benzo(k)fluoranthene
Concen: 0.323 ng/ul
RT: 23.076 min Scan# 4738
Delta R.T. 0.006 min
Lab File: BM039875.D
Acq: 08 May 2023 18:56

Tgt Ion:	252	Resp:	9133
Ion Ratio	Lower	Upper	
252	100		
253	32.6	21.3	31.9#
125	23.0	13.0	19.6#





#26

Benzo(a)pyrene

Concen: 0.332 ng/ul

RT: 23.640 min Scan# 4935

Delta R.T. 0.003 min

Lab File: BM039875.D

Acq: 08 May 2023 18:56

Instrument :

BNA_M

ClientSampleId :

SLCS529

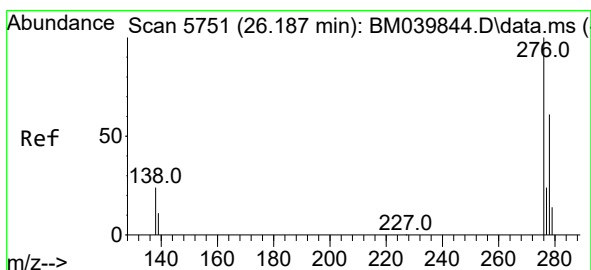
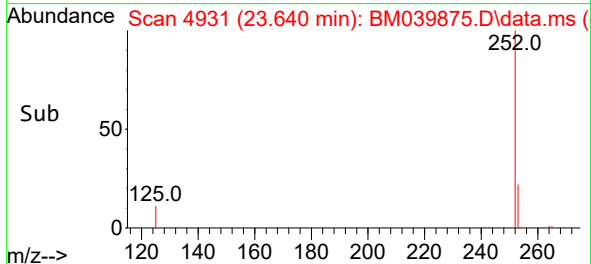
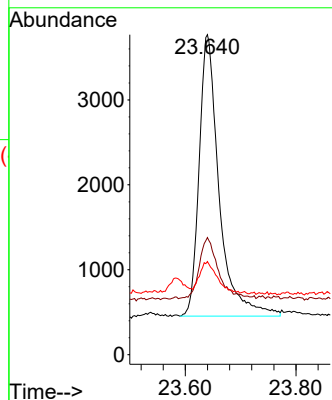
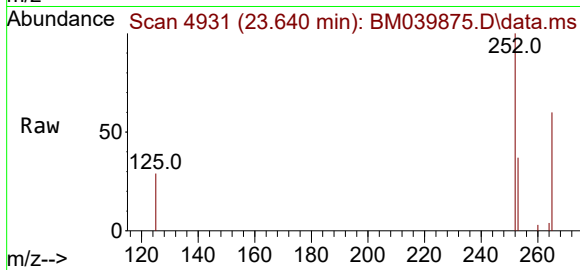
Tgt Ion:252 Resp: 8297

Ion Ratio Lower Upper

252 100

253 36.6 24.7 37.1

125 29.1 16.5 24.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.371 ng/ul

RT: 26.172 min Scan# 5746

Delta R.T. 0.000 min

Lab File: BM039875.D

Acq: 08 May 2023 18:56

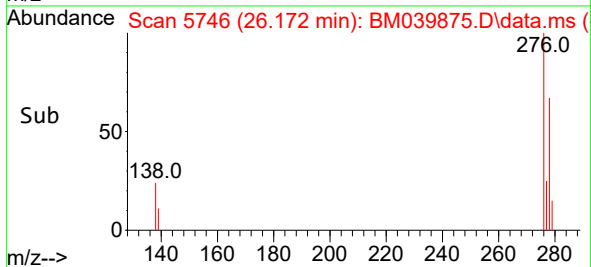
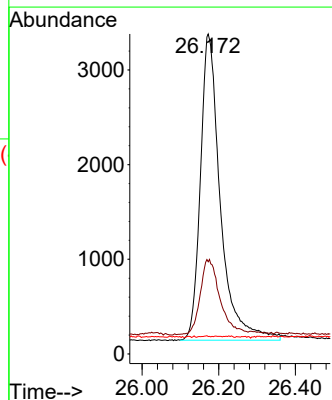
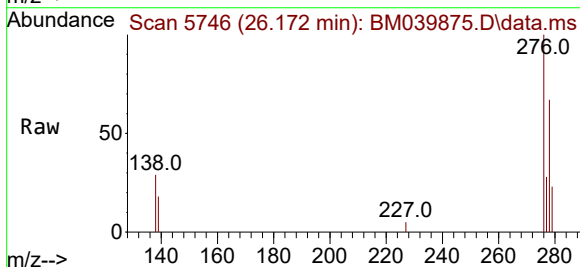
Tgt Ion:276 Resp: 11696

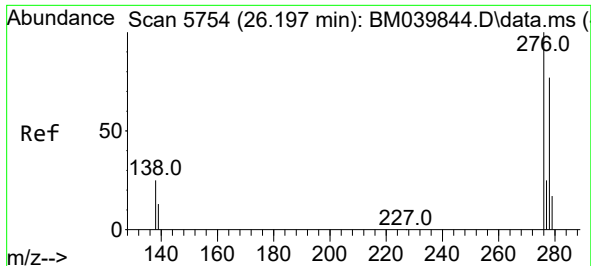
Ion Ratio Lower Upper

276 100

138 24.3 21.1 31.7

227 0.2 0.1 0.1#

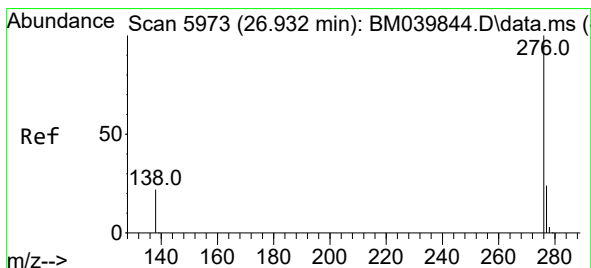
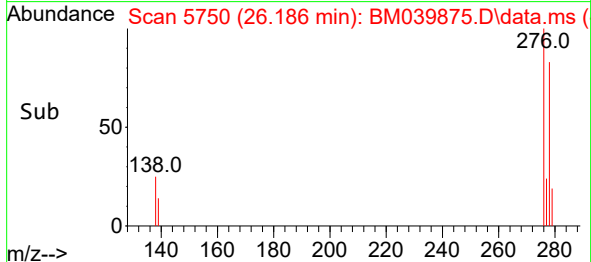
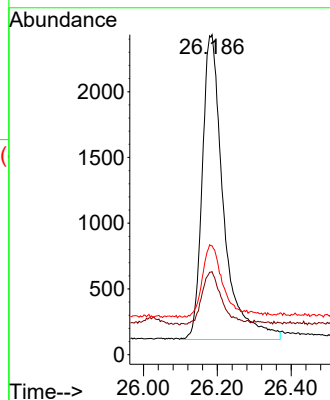
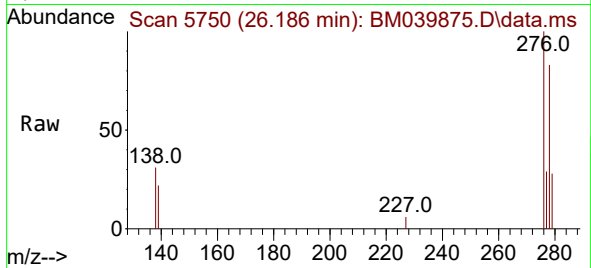




#28
Dibenzo(a,h)anthracene
Concen: 0.378 ng/ul
RT: 26.186 min Scan# 51
Delta R.T. 0.007 min
Lab File: BM039875.D
Acq: 08 May 2023 18:56

Instrument :
BNA_M
ClientSampleId :
SLCS529

Tgt Ion:278 Resp: 9270
Ion Ratio Lower Upper
278 100
139 26.0 17.0 25.6#
279 34.1 23.4 35.2



#29
Benzo(g,h,i)perylene
Concen: 0.367 ng/ul
RT: 26.920 min Scan# 5969
Delta R.T. 0.003 min
Lab File: BM039875.D
Acq: 08 May 2023 18:56

Tgt Ion:276 Resp: 10092
Ion Ratio Lower Upper
276 100
138 28.6 20.1 30.1
277 28.7 20.1 30.1

