

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100722\
 Data File : BM036853.D
 Acq On : 07 Oct 2022 12:07
 Operator : CG/JU
 Sample : PB148044BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

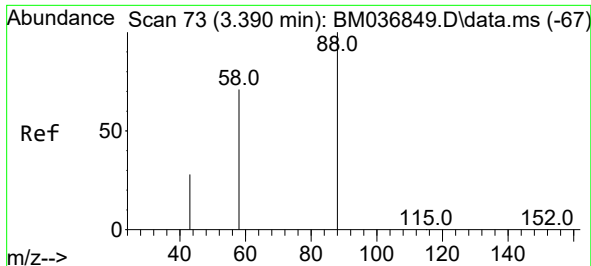
Instrument :
 BNA_M
 ClientSampleId :
 SLCS044

Quant Time: Oct 08 02:21:48 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 : Thu Oct 06 17:02:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.968	152	5048	0.400	ng/ul	0.00
4) Naphthalene-d8	10.776	136	16503	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.593	164	8795	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.330	188	18077	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240	15586	0.400	ng/ul	0.00
23) Perylene-d12	23.899	264	12808	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	5816	0.817	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	10776	0.432	ng/ul	0.00
18) Fluoranthene-d10	19.349	212	21160	0.454	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.390	88	15886	2.283	ng/ul#	77
5) Naphthalene	10.820	128	20038	0.425	ng/ul	97
7) 2-Methylnaphthalene	12.431	142	12500	0.433	ng/ul	92
8) 1-Methylnaphthalene	12.646	142	12766	0.436	ng/ul	100
10) Acenaphthylene	14.311	152	15468	0.423	ng/ul	99
11) Acenaphthene	14.654	153	13348	0.421	ng/ul	100
12) Fluorene	15.634	166	15106	0.420	ng/ul	99
14) Pentachlorophenol	16.984	266	2557	0.584	ng/ul	98
15) Phenanthrene	17.368	178	24469	0.424	ng/ul	98
16) Anthracene	17.461	178	19904	0.413	ng/ul	99
19) Fluoranthene	19.377	202	27139	0.438	ng/ul	100
20) Pyrene	19.740	202	27459	0.425	ng/ul	99
21) Benzo(a)anthracene	21.479	228	23723	0.421	ng/ul	99
22) Chrysene	21.532	228	27253	0.451	ng/ul	99
24) Benzo(b)fluoranthene	23.163	252	26449	0.462	ng/ul	94
25) Benzo(k)fluoranthene	23.215	252	24915	0.447	ng/ul	93
26) Benzo(a)pyrene	23.794	252	23048	0.496	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.396	276	29164	0.443	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.413	278	24485	0.461	ng/ul#	90
29) Benzo(g,h,i)perylene	27.161	276	27056	0.467	ng/ul	98

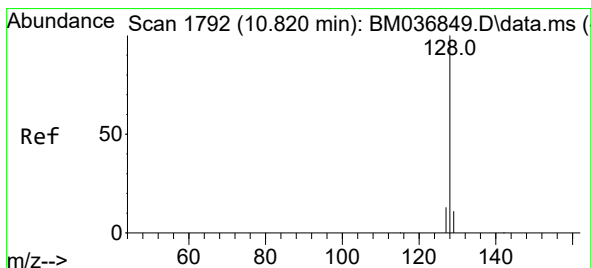
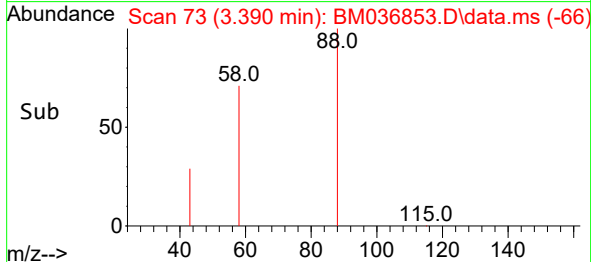
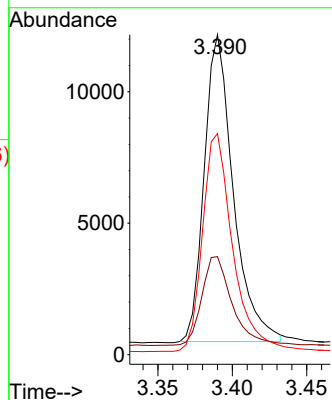
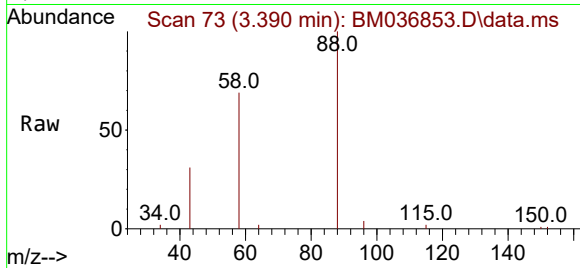
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 2.283 ng/ul
RT: 3.390 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM036853.D
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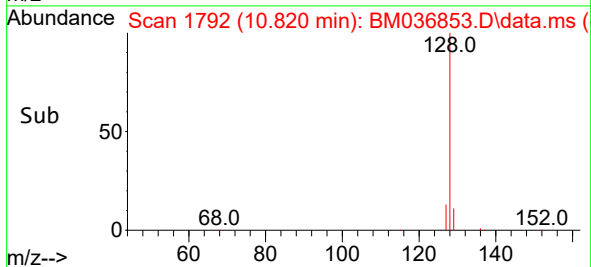
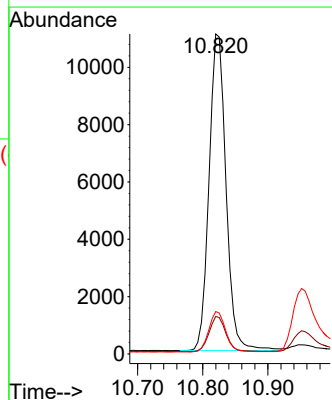
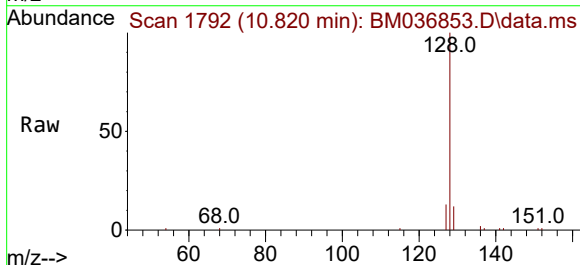
Instrument :
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ClientSampleId :
SLCS044

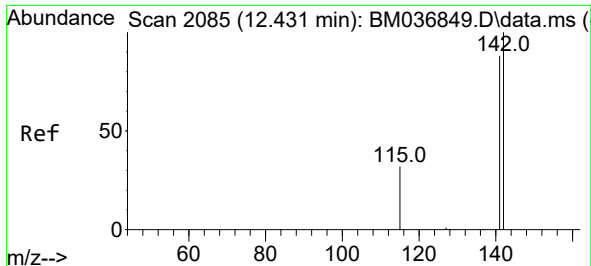
Tgt Ion: 88 Resp: 15886
Ion Ratio Lower Upper
88 100
43 30.6 37.8 56.6#
58 69.1 42.6 63.8#



#5
Naphthalene
Concen: 0.425 ng/ul
RT: 10.820 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BM036853.D
Acq: 07 Oct 2022 12:07

Tgt Ion: 128 Resp: 20038
Ion Ratio Lower Upper
128 100
129 11.7 10.2 15.2
127 13.3 11.7 17.5

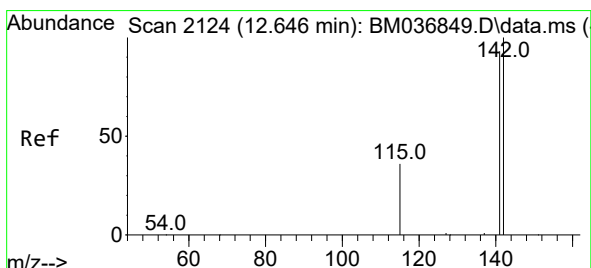
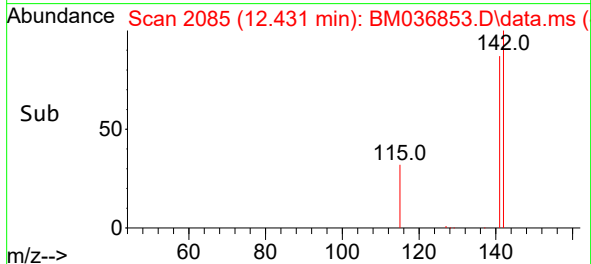
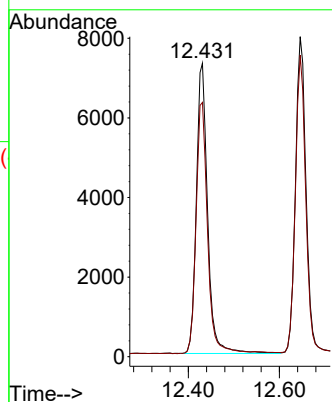
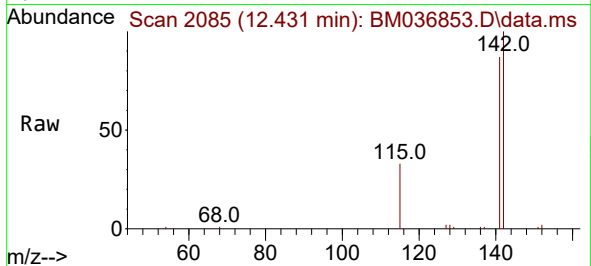




#7
2-Methylnaphthalene
Concen: 0.433 ng/ul
RT: 12.431 min Scan# 2085
Delta R.T. -0.000 min
Lab File: BM036853.D
Acq: 07 Oct 2022 12:07

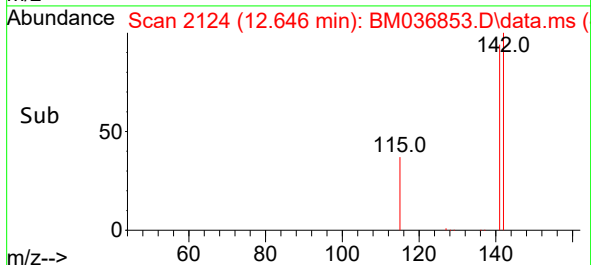
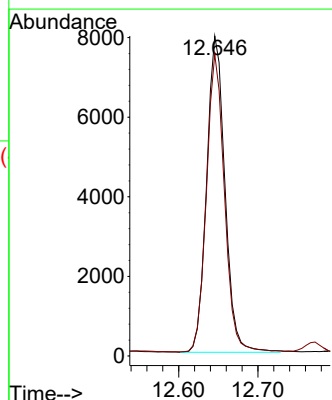
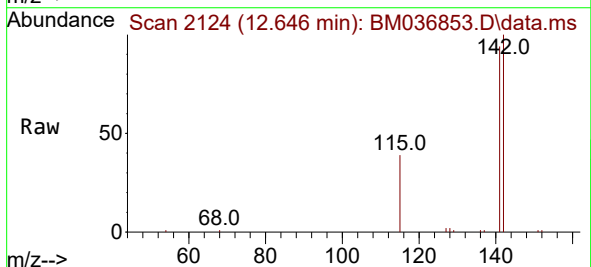
Instrument :
BNA_M
ClientSampleId :
SLCS044

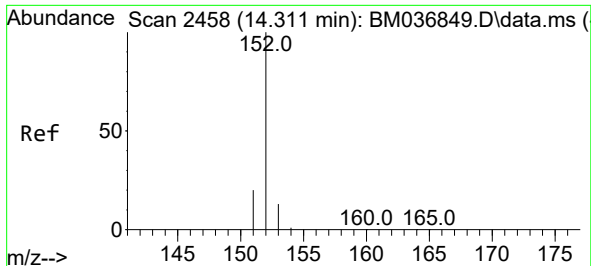
Tgt Ion:142 Resp: 12500
Ion Ratio Lower Upper
142 100
141 89.2 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.436 ng/ul
RT: 12.646 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BM036853.D
Acq: 07 Oct 2022 12:07

Tgt Ion:142 Resp: 12766
Ion Ratio Lower Upper
142 100
141 92.4 74.1 111.1

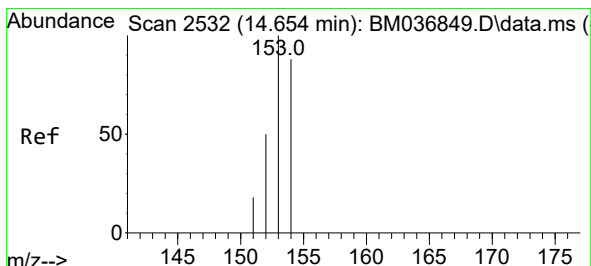
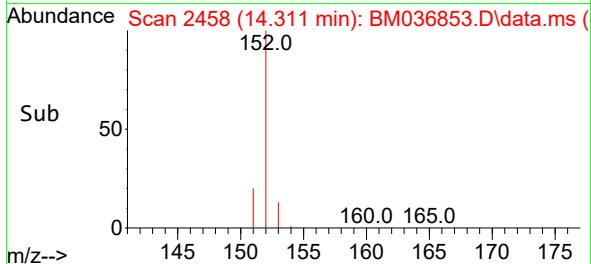
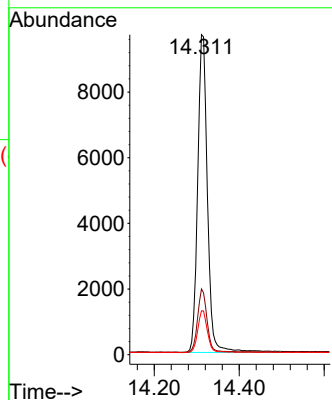
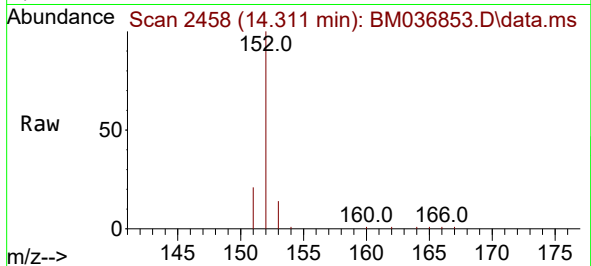




#10
Acenaphthylene
Concen: 0.423 ng/ul
RT: 14.311 min Scan# 2458
Delta R.T. -0.006 min
Lab File: BM036853.D
Acq: 07 Oct 2022 12:07

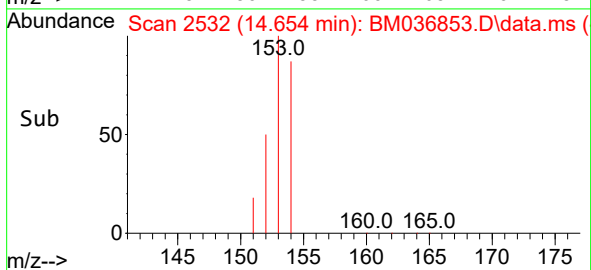
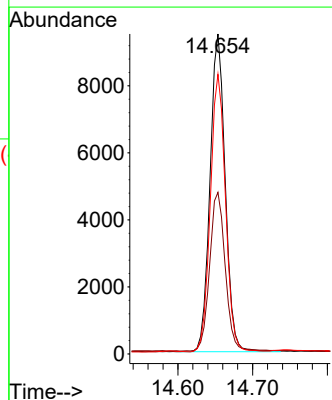
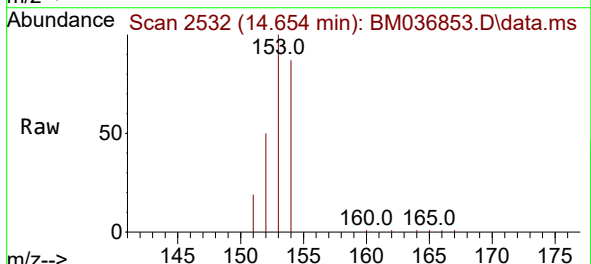
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ClientSampleId :
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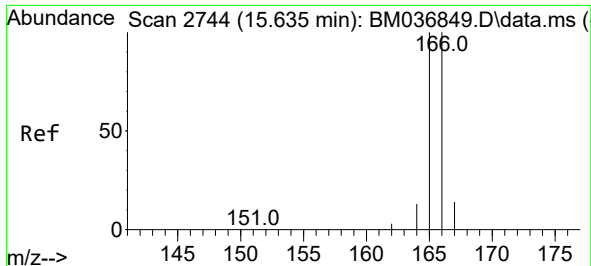
Tgt Ion:152 Resp: 15468
Ion Ratio Lower Upper
152 100
151 20.6 16.6 24.8
153 13.7 11.4 17.0



#11
Acenaphthene
Concen: 0.421 ng/ul
RT: 14.654 min Scan# 2532
Delta R.T. -0.001 min
Lab File: BM036853.D
Acq: 07 Oct 2022 12:07

Tgt Ion:153 Resp: 13348
Ion Ratio Lower Upper
153 100
152 50.5 40.2 60.4
154 87.4 69.7 104.5

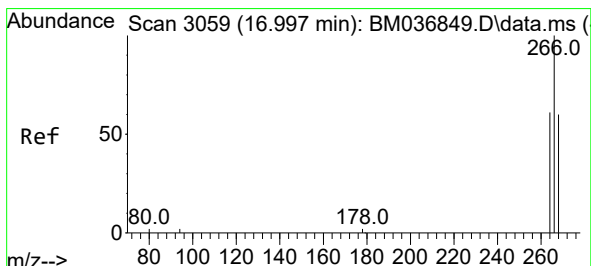
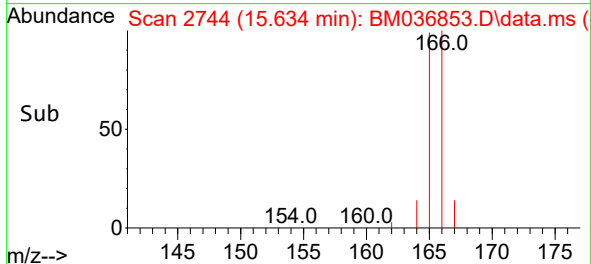
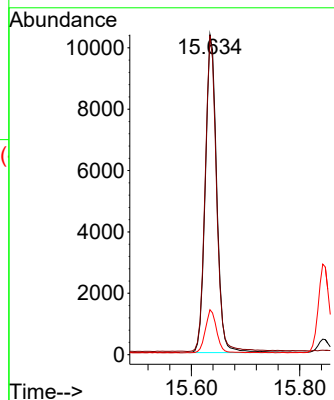
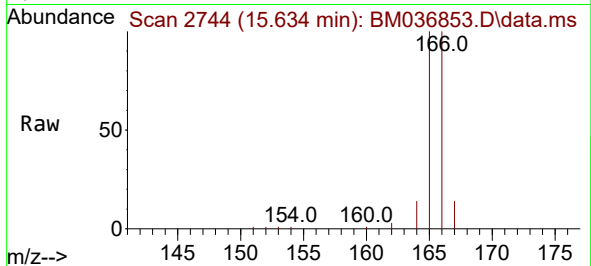




#12
Fluorene
Concen: 0.420 ng/ul
RT: 15.634 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM036853.D
Acq: 07 Oct 2022 12:07

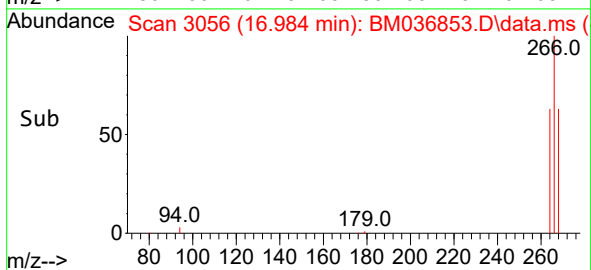
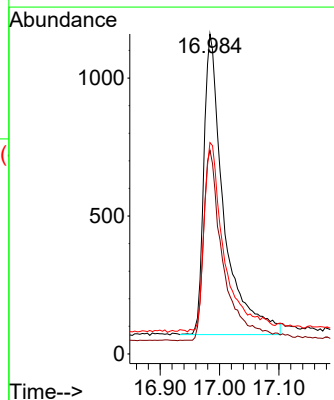
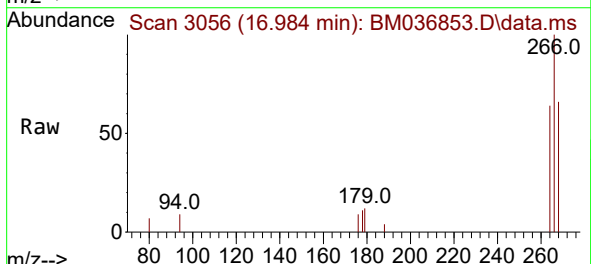
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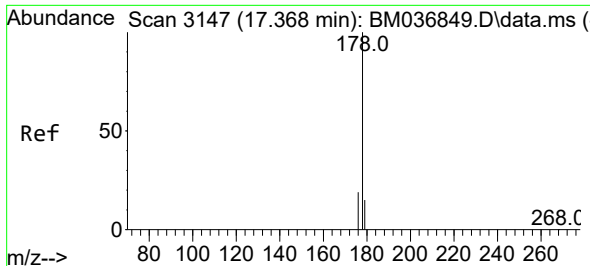
Tgt Ion:166 Resp: 15106
Ion Ratio Lower Upper
166 100
165 99.8 78.9 118.3
167 14.0 11.3 16.9



#14
Pentachlorophenol
Concen: 0.584 ng/ul
RT: 16.984 min Scan# 3056
Delta R.T. -0.005 min
Lab File: BM036853.D
Acq: 07 Oct 2022 12:07

Tgt Ion:266 Resp: 2557
Ion Ratio Lower Upper
266 100
264 62.7 50.3 75.5
268 64.0 53.5 80.3

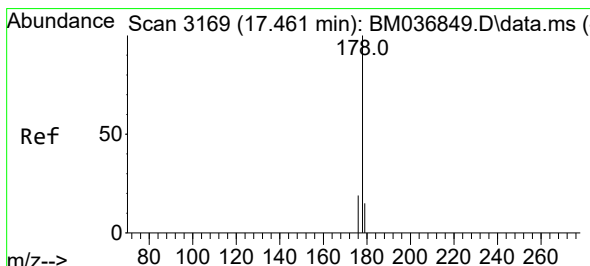
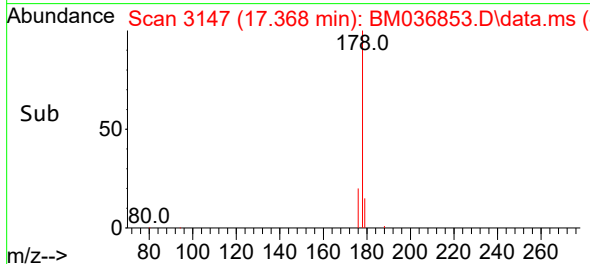
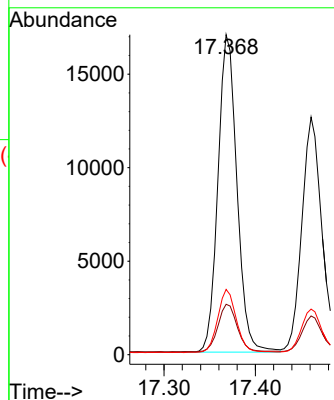
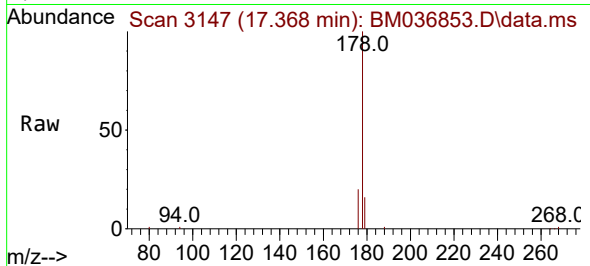




#15
Phenanthrene
Concen: 0.424 ng/ul
RT: 17.368 min Scan# 3147
Delta R.T. -0.001 min
Lab File: BM036853.D
Acq: 07 Oct 2022 12:07

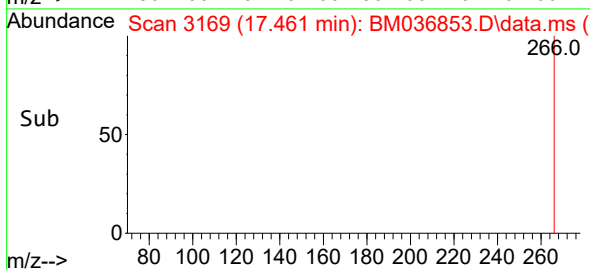
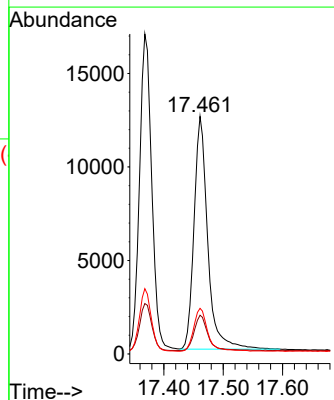
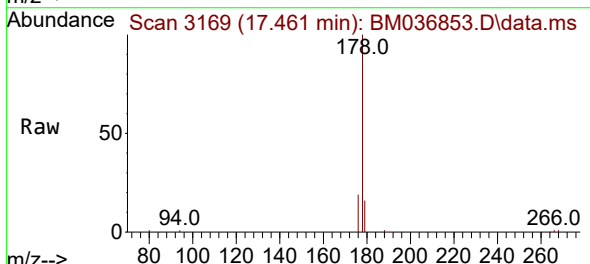
Instrument :
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ClientSampleId :
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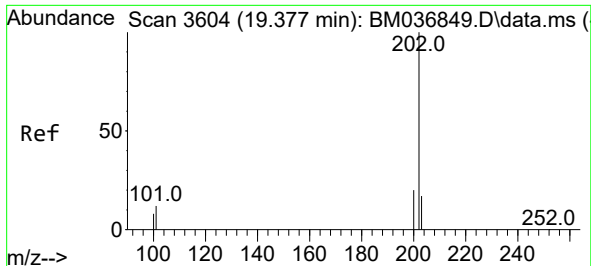
Tgt Ion:178 Resp: 24469
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.6
176 20.4 15.6 23.4



#16
Anthracene
Concen: 0.413 ng/ul
RT: 17.461 min Scan# 3169
Delta R.T. -0.001 min
Lab File: BM036853.D
Acq: 07 Oct 2022 12:07

Tgt Ion:178 Resp: 19904
Ion Ratio Lower Upper
178 100
179 16.3 13.6 20.4
176 19.2 15.6 23.4

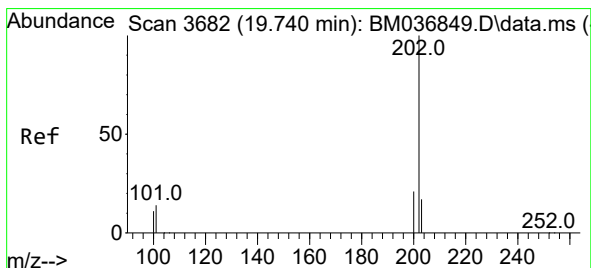
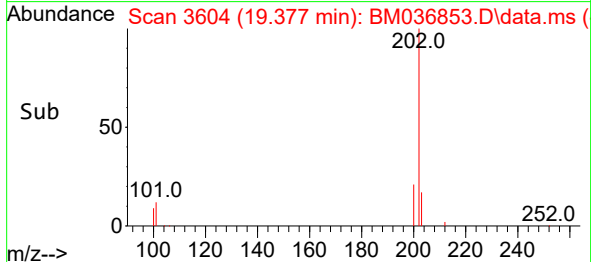
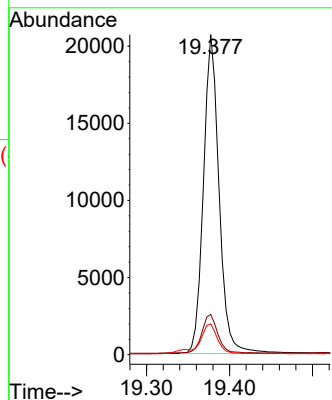
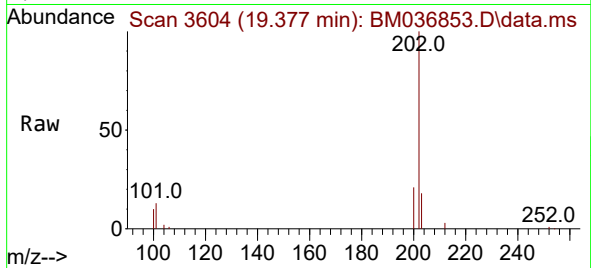




#19
Fluoranthene
Concen: 0.438 ng/ul
RT: 19.377 min Scan# 3604
Delta R.T. -0.001 min
Lab File: BM036853.D
Acq: 07 Oct 2022 12:07

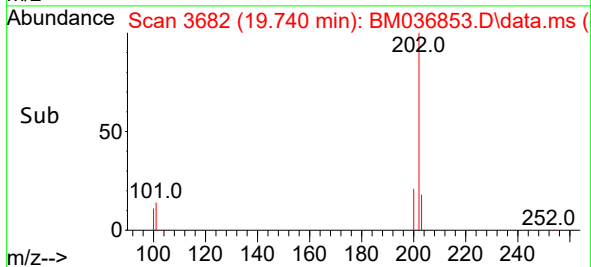
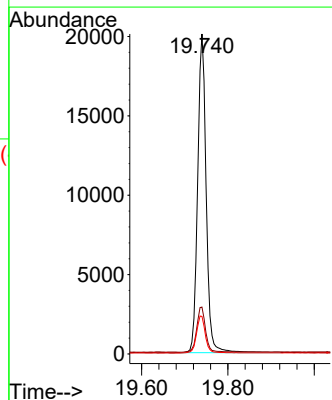
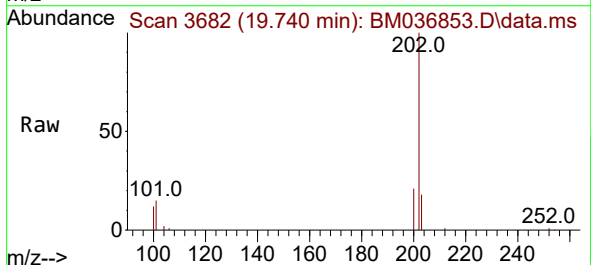
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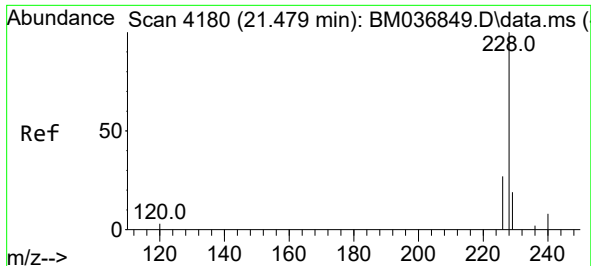
Tgt Ion:202 Resp: 27139
Ion Ratio Lower Upper
202 100
101 12.6 10.1 15.1
100 9.6 7.9 11.9



#20
Pyrene
Concen: 0.425 ng/ul
RT: 19.740 min Scan# 3682
Delta R.T. -0.001 min
Lab File: BM036853.D
Acq: 07 Oct 2022 12:07

Tgt Ion:202 Resp: 27459
Ion Ratio Lower Upper
202 100
101 14.7 12.0 18.0
100 11.8 9.8 14.6

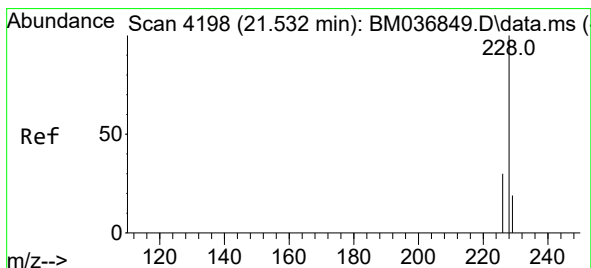
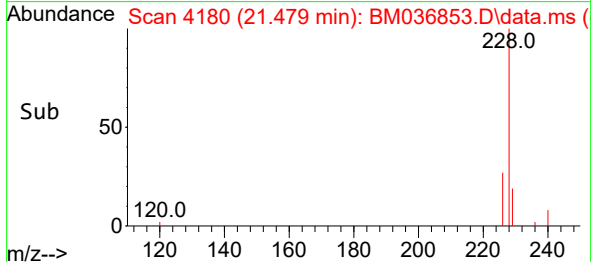
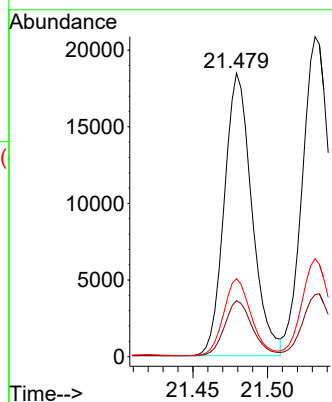
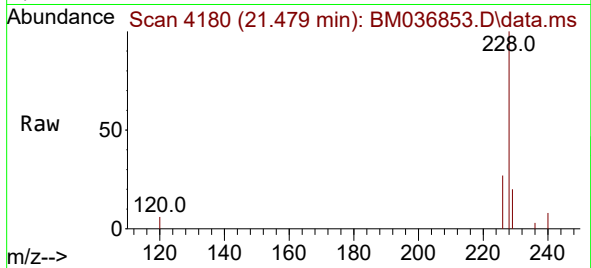




#21
Benzo(a)anthracene
Concen: 0.421 ng/ul
RT: 21.479 min Scan# 4180
Delta R.T. -0.002 min
Lab File: BM036853.D
Acq: 07 Oct 2022 12:07

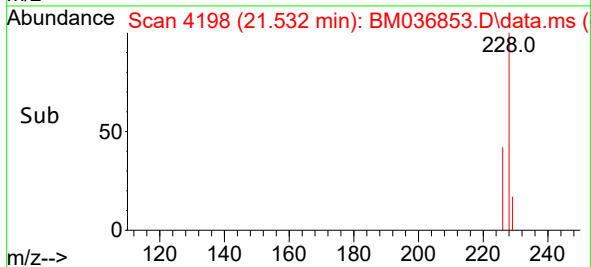
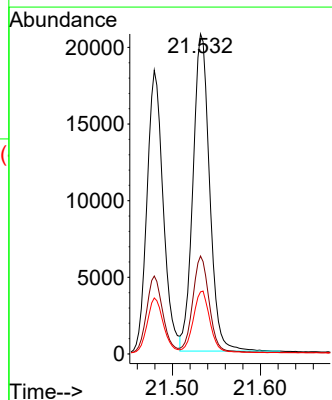
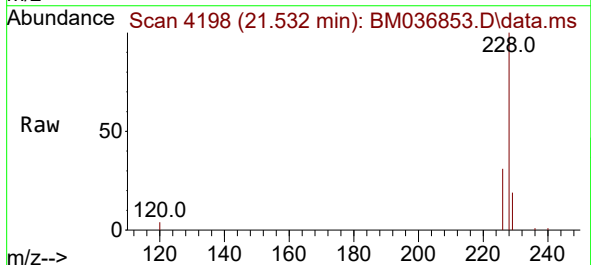
Instrument :
BNA_M
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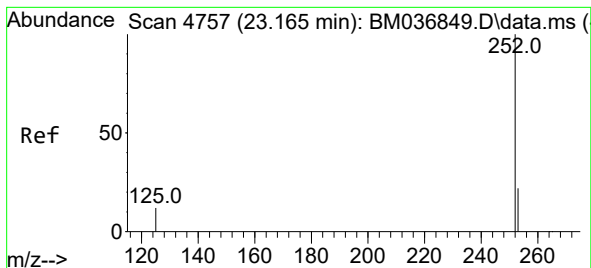
Tgt Ion:228 Resp: 23723
Ion Ratio Lower Upper
228 100
229 19.8 16.2 24.2
226 27.5 22.5 33.7



#22
Chrysene
Concen: 0.451 ng/ul
RT: 21.532 min Scan# 4198
Delta R.T. -0.002 min
Lab File: BM036853.D
Acq: 07 Oct 2022 12:07

Tgt Ion:228 Resp: 27253
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 19.4 16.4 24.6





#24

Benzo(b)fluoranthene

Concen: 0.462 ng/ul

RT: 23.163 min Scan# 4756

Delta R.T. -0.005 min

Lab File: BM036853.D

Acq: 07 Oct 2022 12:07

Instrument :

BNA_M

ClientSampleId :

SLCS044

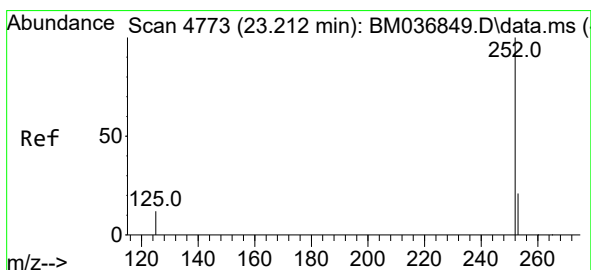
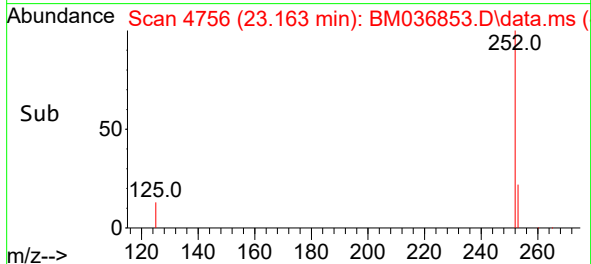
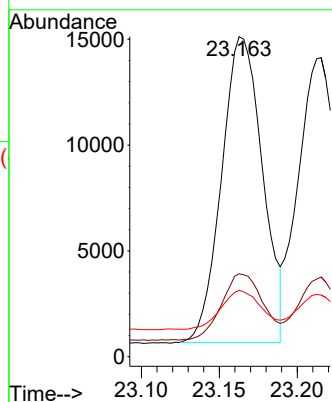
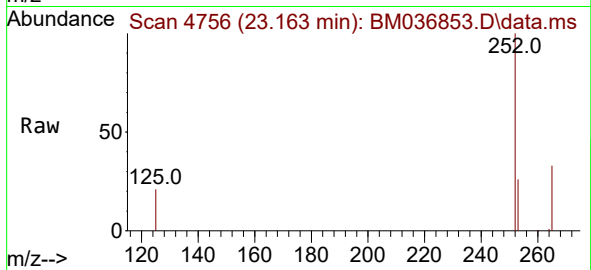
Tgt Ion:252 Resp: 26449

Ion Ratio Lower Upper

252 100

253 25.9 0.0 61.4

125 20.8 0.0 42.6



#25

Benzo(k)fluoranthene

Concen: 0.447 ng/ul

RT: 23.215 min Scan# 4774

Delta R.T. -0.002 min

Lab File: BM036853.D

Acq: 07 Oct 2022 12:07

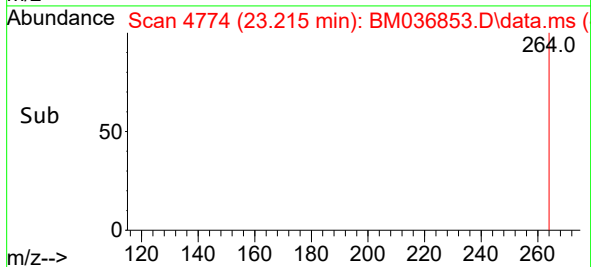
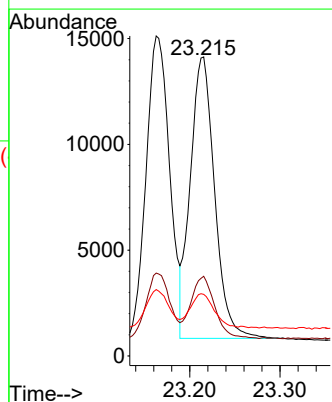
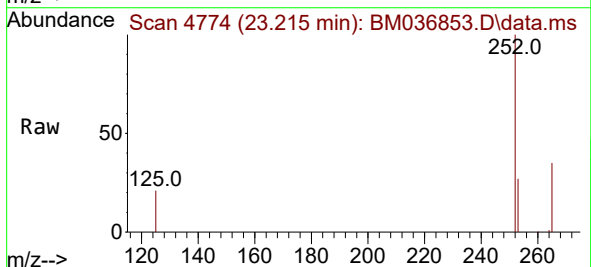
Tgt Ion:252 Resp: 24915

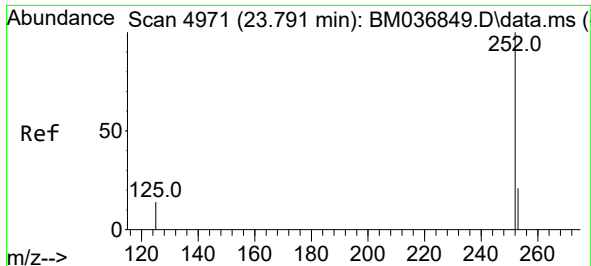
Ion Ratio Lower Upper

252 100

253 26.6 25.2 37.8

125 20.6 18.3 27.5

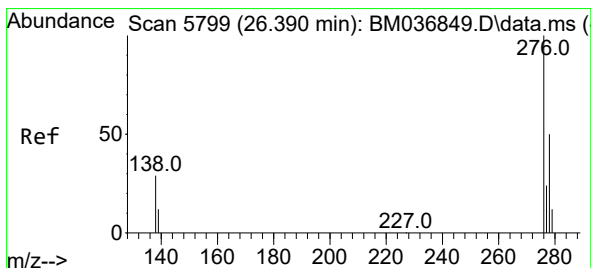
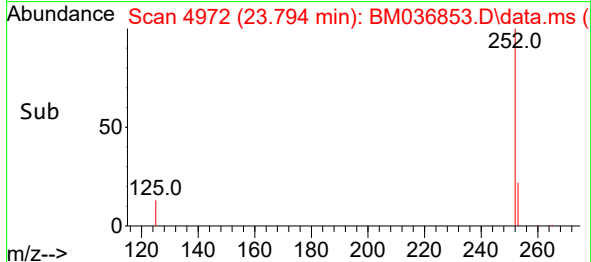
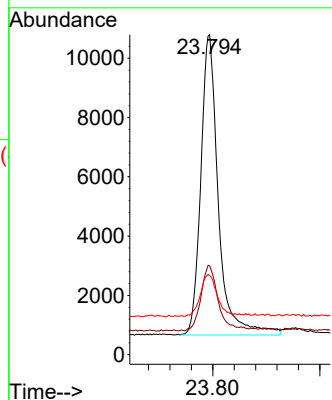
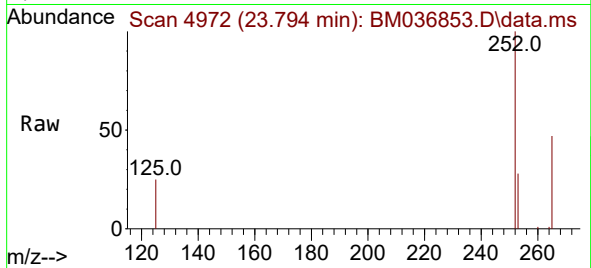




#26
Benzo(a)pyrene
Concen: 0.496 ng/ul
RT: 23.794 min Scan# 4971
Delta R.T. 0.001 min
Lab File: BM036853.D
Acq: 07 Oct 2022 12:07

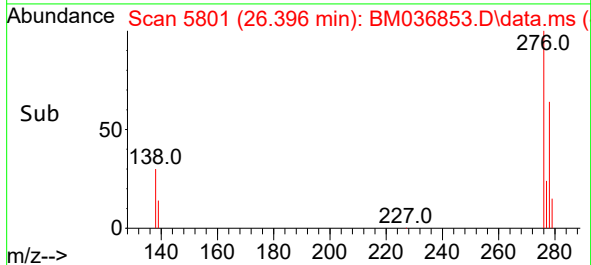
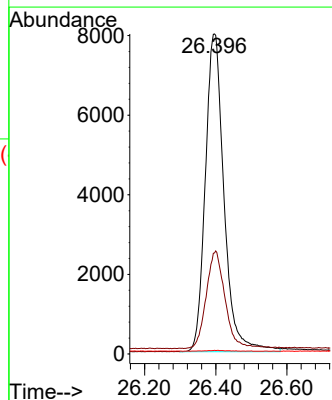
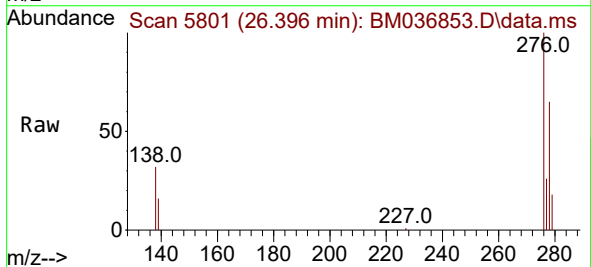
Instrument :
BNA_M
ClientSampleId :
SLCS044

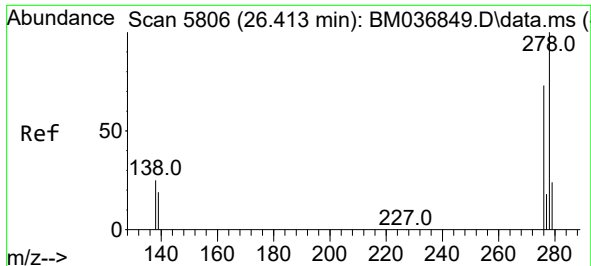
Tgt Ion:252 Resp: 23048
Ion Ratio Lower Upper
252 100
253 27.8 29.7 44.5#
125 24.7 23.6 35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.443 ng/ul
RT: 26.396 min Scan# 5801
Delta R.T. -0.003 min
Lab File: BM036853.D
Acq: 07 Oct 2022 12:07

Tgt Ion:276 Resp: 29164
Ion Ratio Lower Upper
276 100
138 31.2 23.9 35.9
227 0.1 0.1 0.1#

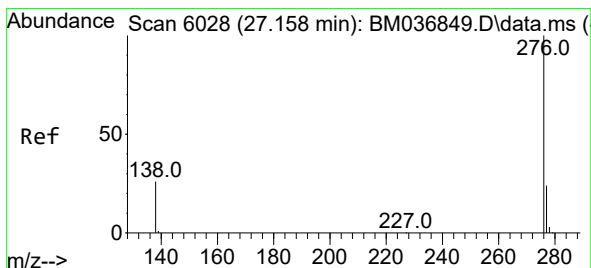
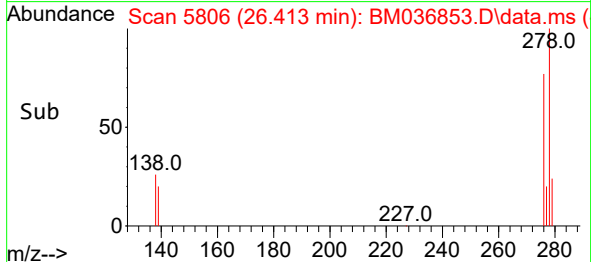
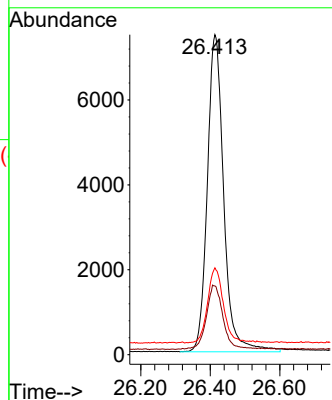
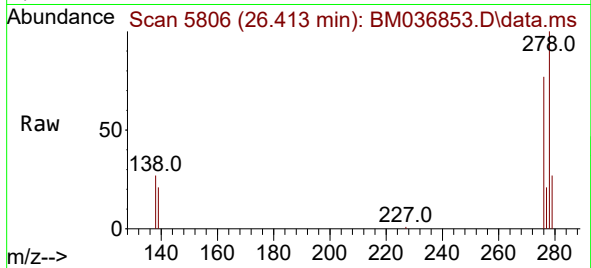




#28
Dibenzo(a,h)anthracene
Concen: 0.461 ng/ul
RT: 26.413 min Scan# 5806
Delta R.T. -0.006 min
Lab File: BM036853.D
Acq: 07 Oct 2022 12:07

Instrument :
BNA_M
ClientSampleId :
SLCS044

Tgt Ion:278 Resp: 24485
Ion Ratio Lower Upper
278 100
139 21.5 19.8 29.6
279 27.2 27.7 41.5#



#29
Benzo(g,h,i)perylene
Concen: 0.467 ng/ul
RT: 27.161 min Scan# 6029
Delta R.T. -0.003 min
Lab File: BM036853.D
Acq: 07 Oct 2022 12:07

Tgt Ion:276 Resp: 27056
Ion Ratio Lower Upper
276 100
138 28.0 23.4 35.0
277 24.9 21.0 31.4

