

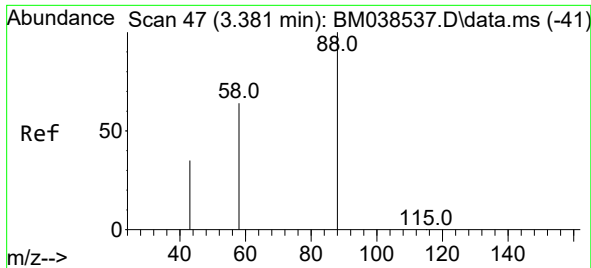
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012623\
 Data File : BM038541.D
 Acq On : 25 Jan 2023 23:33
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV042

Quant Time: Jan 27 00:21:11 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 27 00:18:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	2115	0.400	ng/ul	0.00
4) Naphthalene-d8	10.774	136	5305	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	3171	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.341	188	7003	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	6411	0.400	ng/ul	0.00
23) Perylene-d12	23.927	264	6987	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	1087	0.391	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	3010	0.366	ng/ul	0.00
18) Fluoranthene-d10	19.366	212	7265	0.397	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	1134	0.402	ng/ul#	51
5) Naphthalene	10.829	128	5508	0.319	ng/ul	98
7) 2-Methylnaphthalene	12.434	142	3267	0.359	ng/ul	99
8) 1-Methylnaphthalene	12.654	142	3381	0.359	ng/ul	100
10) Acenaphthylene	14.324	152	5070	0.362	ng/ul	99
11) Acenaphthene	14.661	153	3888	0.365	ng/ul	100
12) Fluorene	15.647	166	4590	0.345	ng/ul	98
14) Pentachlorophenol	16.999	266	1018	0.357	ng/ul	98
15) Phenanthrene	17.384	178	7381	0.326	ng/ul	99
16) Anthracene	17.476	178	6756	0.350	ng/ul	99
19) Fluoranthene	19.394	202	9010	0.394	ng/ul	99
20) Pyrene	19.757	202	9400	0.382	ng/ul	99
21) Benzo(a)anthracene	21.498	228	8229	0.361	ng/ul	99
22) Chrysene	21.553	228	8395	0.367	ng/ul	99
24) Benzo(b)fluoranthene	23.190	252	9610	0.365	ng/ul	98
25) Benzo(k)fluoranthene	23.240	252	9540	0.374	ng/ul	98
26) Benzo(a)pyrene	23.822	252	8831	0.374	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.438	276	12187	0.367	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.455	278	9611	0.364	ng/ul	99
29) Benzo(g,h,i)perylene	27.216	276	10682	0.370	ng/ul	99

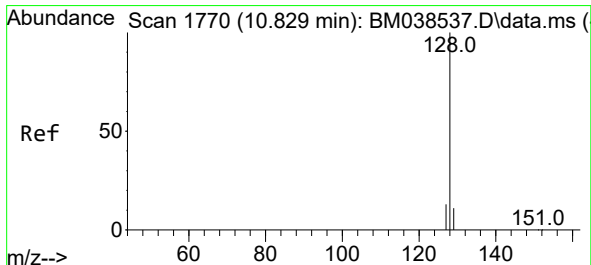
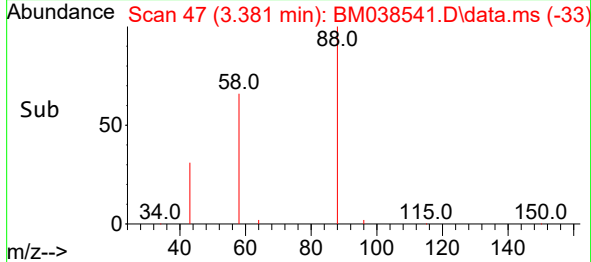
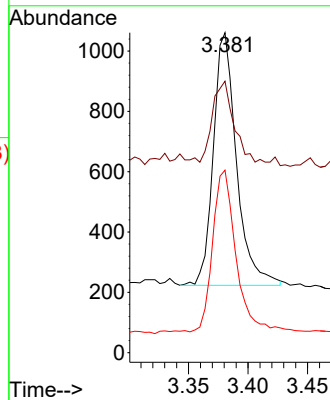
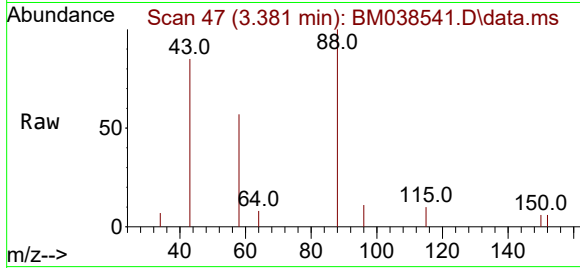
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 0.402 ng/ul
RT: 3.381 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM038541.D
Acq: 25 Jan 2023 23:33

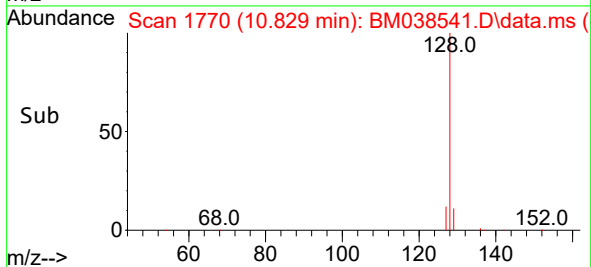
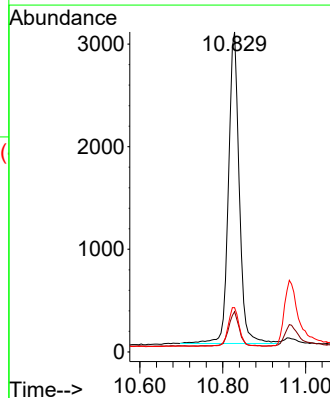
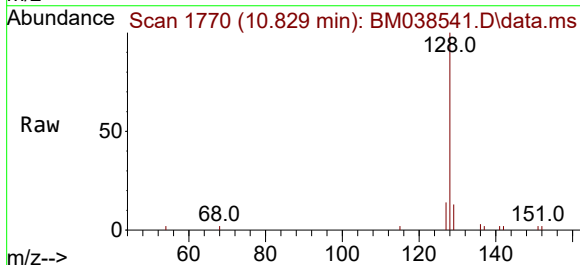
Instrument :
BNA_M
ClientSampleId :
SICV042

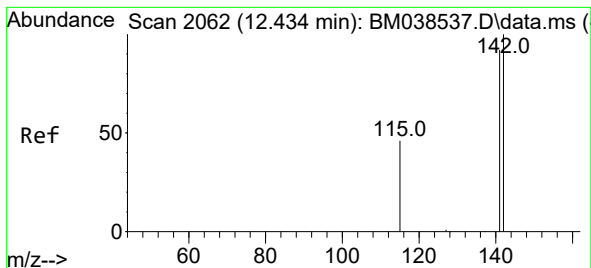
Tgt Ion: 88 Resp: 1134
Ion Ratio Lower Upper
88 100
43 84.8 141.3 211.9#
58 57.0 45.7 68.5



#5
Naphthalene
Concen: 0.319 ng/ul
RT: 10.829 min Scan# 1770
Delta R.T. -0.000 min
Lab File: BM038541.D
Acq: 25 Jan 2023 23:33

Tgt Ion: 128 Resp: 5508
Ion Ratio Lower Upper
128 100
129 12.6 10.3 15.5
127 13.8 11.9 17.9

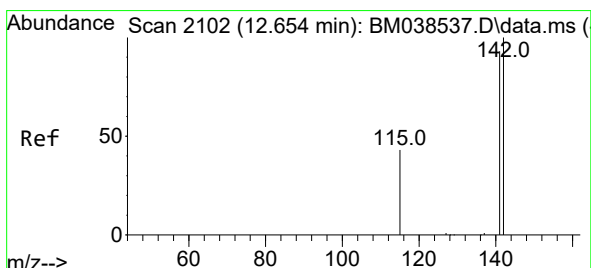
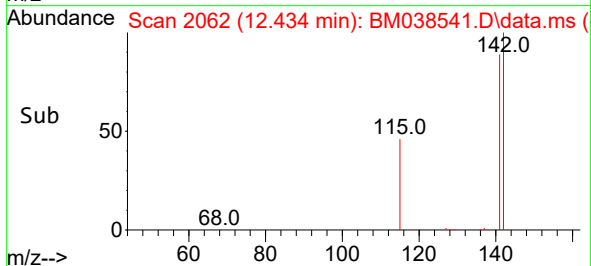
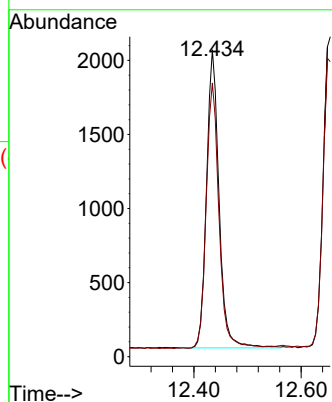
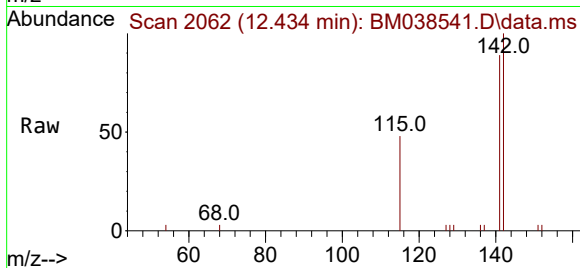




#7
2-Methylnaphthalene
Concen: 0.359 ng/ul
RT: 12.434 min Scan# 2062
Delta R.T. -0.000 min
Lab File: BM038541.D
Acq: 25 Jan 2023 23:33

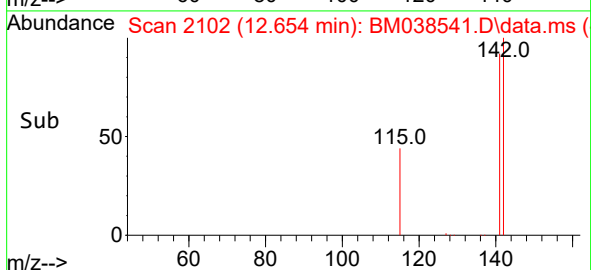
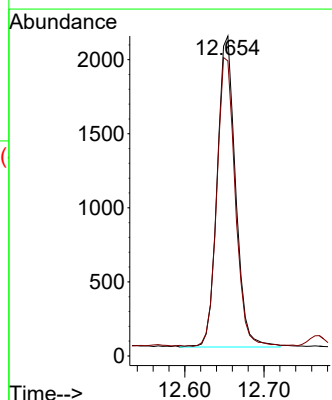
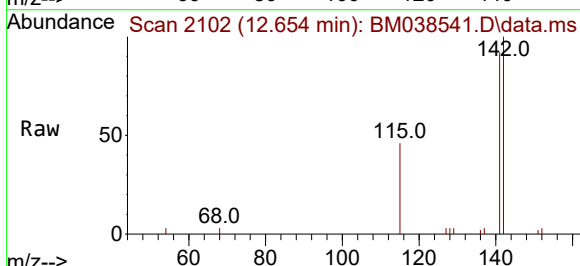
Instrument :
BNA_M
ClientSampleId :
SICV042

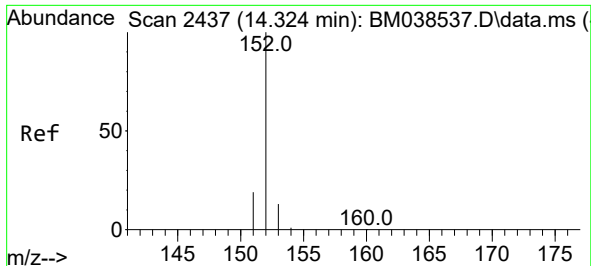
Tgt Ion:142 Resp: 3267
Ion Ratio Lower Upper
142 100
141 91.3 73.7 110.5



#8
1-Methylnaphthalene
Concen: 0.359 ng/ul
RT: 12.654 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BM038541.D
Acq: 25 Jan 2023 23:33

Tgt Ion:142 Resp: 3381
Ion Ratio Lower Upper
142 100
141 92.9 74.0 111.0

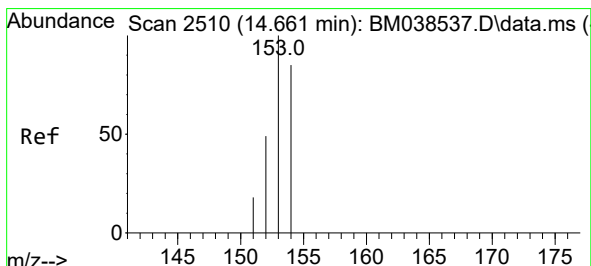
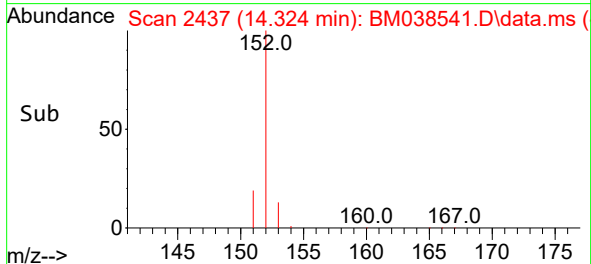
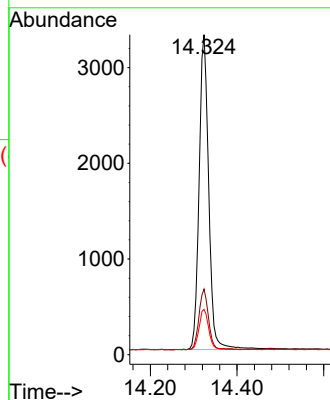
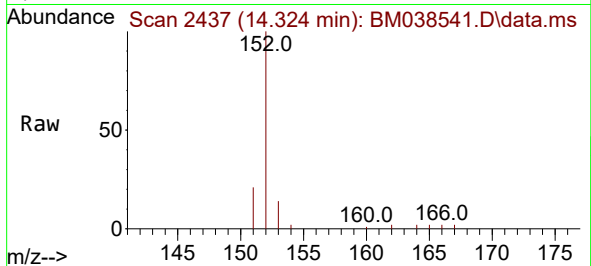




#10
Acenaphthylene
Concen: 0.362 ng/ul
RT: 14.324 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BM038541.D
Acq: 25 Jan 2023 23:33

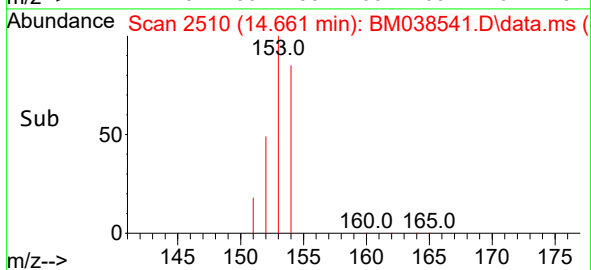
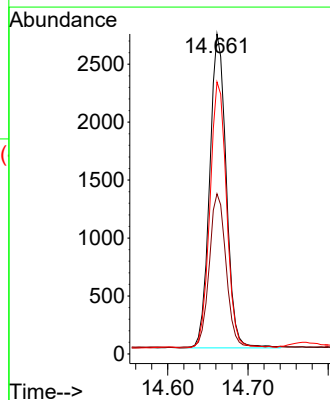
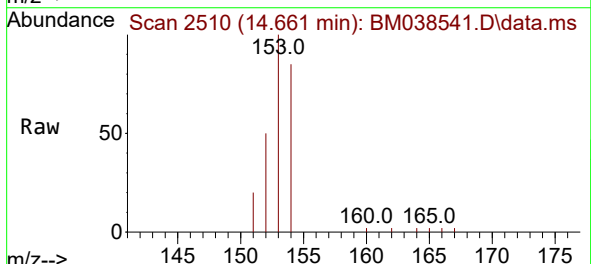
Instrument :
BNA_M
ClientSampleId :
SICV042

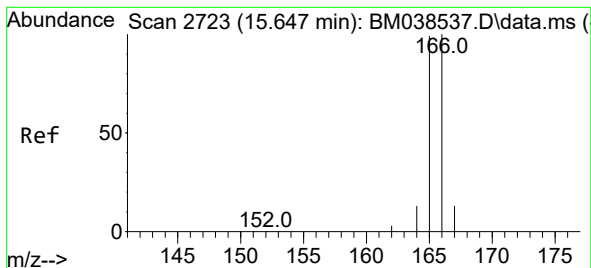
Tgt Ion:152 Resp: 5070
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 14.2 11.8 17.6



#11
Acenaphthene
Concen: 0.365 ng/ul
RT: 14.661 min Scan# 2510
Delta R.T. -0.000 min
Lab File: BM038541.D
Acq: 25 Jan 2023 23:33

Tgt Ion:153 Resp: 3888
Ion Ratio Lower Upper
153 100
152 50.1 40.1 60.1
154 85.0 68.4 102.6





#12

Fluorene

Concen: 0.345 ng/ul

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM038541.D

Acq: 25 Jan 2023 23:33

Instrument :

BNA_M

ClientSampleId :

SICV042

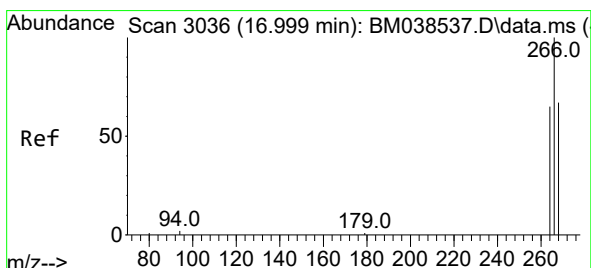
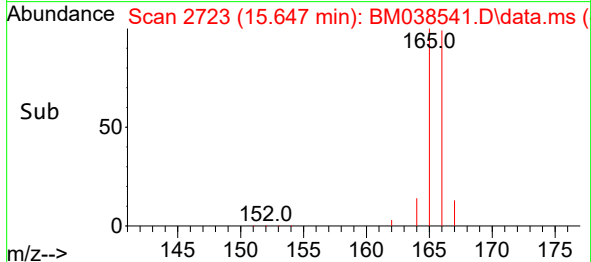
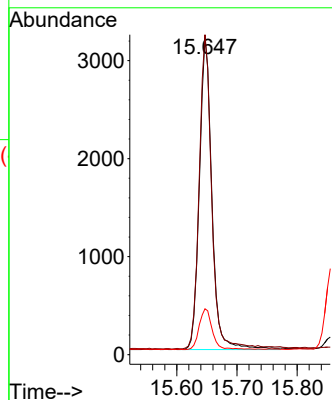
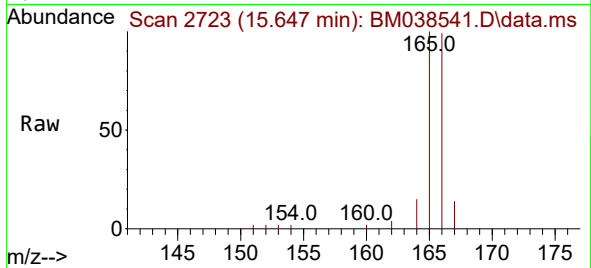
Tgt Ion:166 Resp: 4590

Ion Ratio Lower Upper

166 100

165 100.8 79.3 118.9

167 14.5 11.9 17.9



#14

Pentachlorophenol

Concen: 0.357 ng/ul

RT: 16.999 min Scan# 3036

Delta R.T. -0.000 min

Lab File: BM038541.D

Acq: 25 Jan 2023 23:33

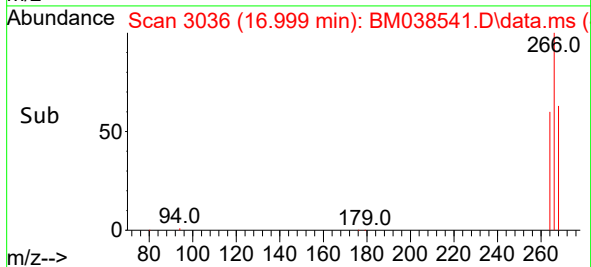
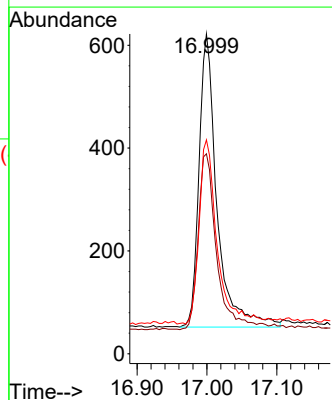
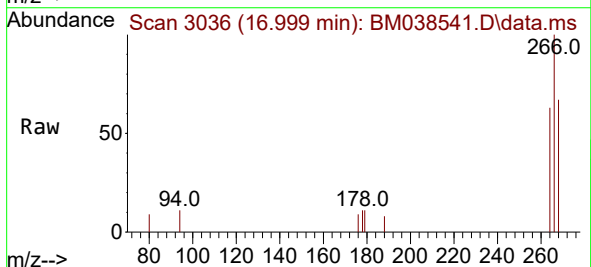
Tgt Ion:266 Resp: 1018

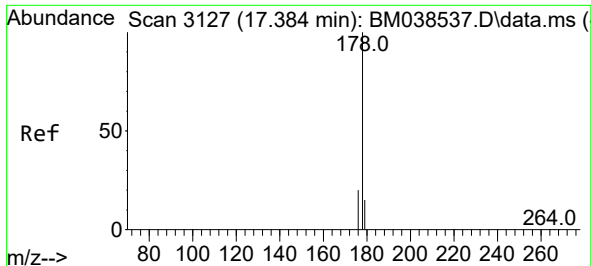
Ion Ratio Lower Upper

266 100

264 63.3 49.4 74.2

268 63.7 51.7 77.5

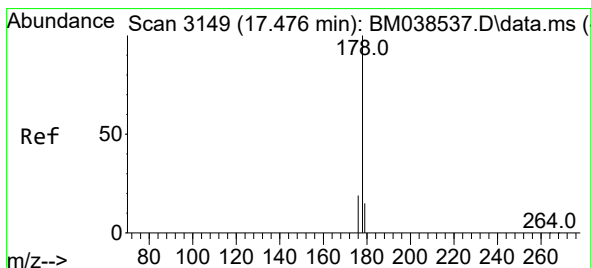
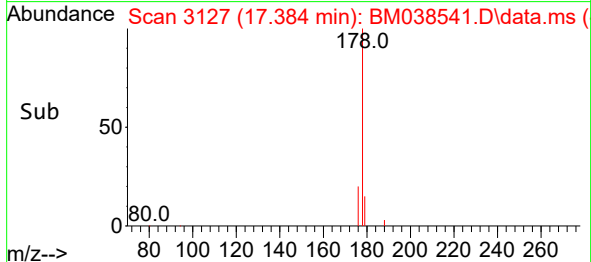
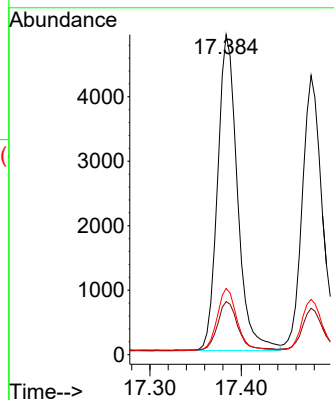
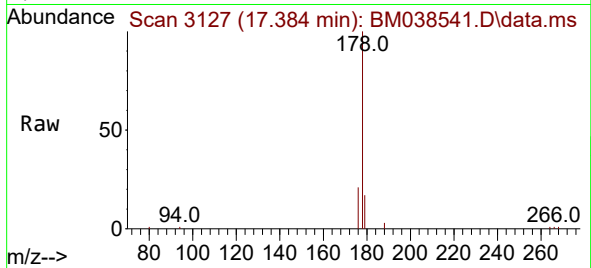




#15
Phenanthrene
Concen: 0.326 ng/ul
RT: 17.384 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BM038541.D
Acq: 25 Jan 2023 23:33

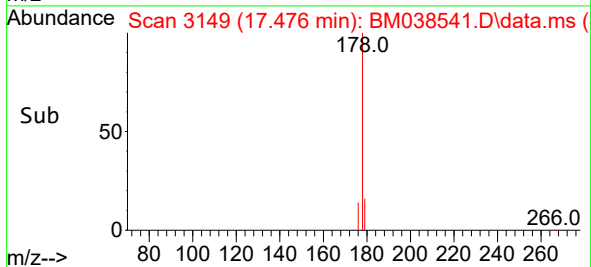
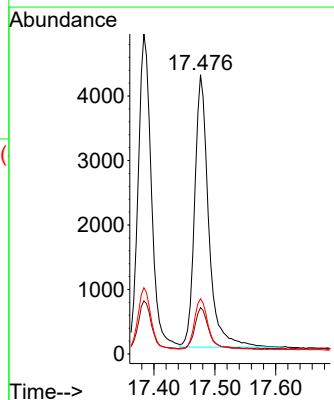
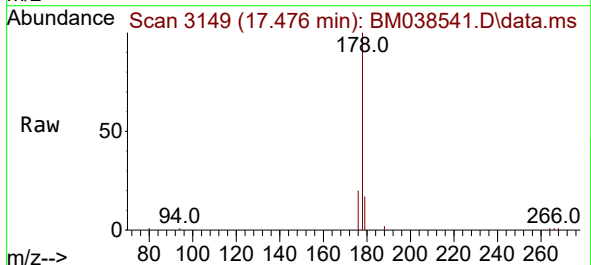
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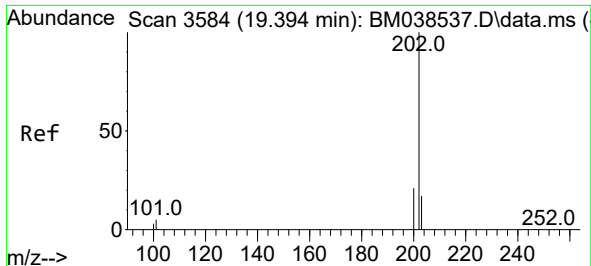
Tgt Ion:	178	Resp:	7381
Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.0	19.4
176	20.7	16.4	24.6



#16
Anthracene
Concen: 0.350 ng/ul
RT: 17.476 min Scan# 3149
Delta R.T. -0.000 min
Lab File: BM038541.D
Acq: 25 Jan 2023 23:33

Tgt Ion:	178	Resp:	6756
Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.2	19.8
176	19.7	16.2	24.4

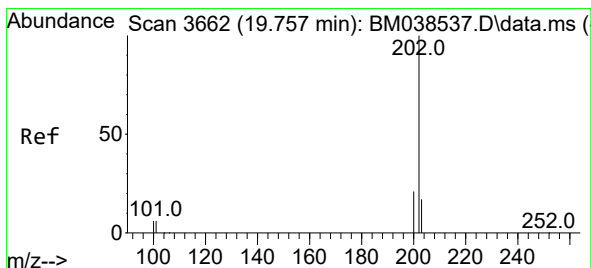
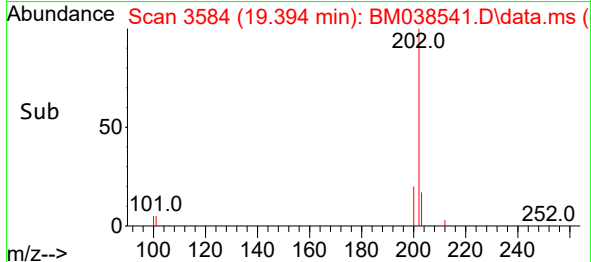
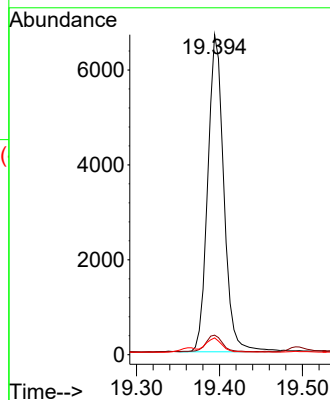
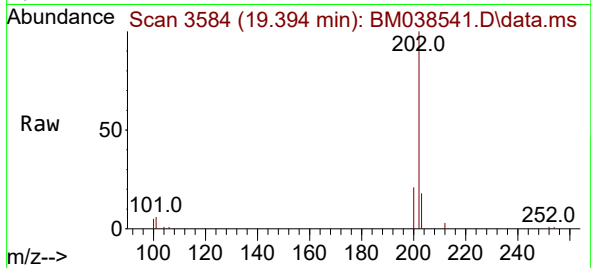




#19
Fluoranthene
Concen: 0.394 ng/ul
RT: 19.394 min Scan# 3584
Delta R.T. -0.000 min
Lab File: BM038541.D
Acq: 25 Jan 2023 23:33

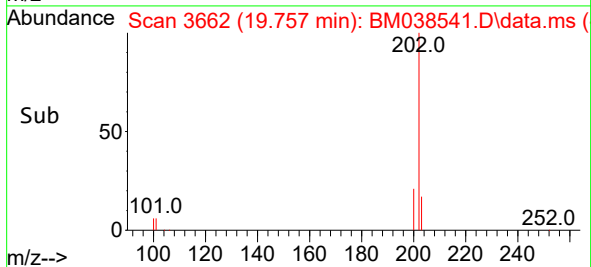
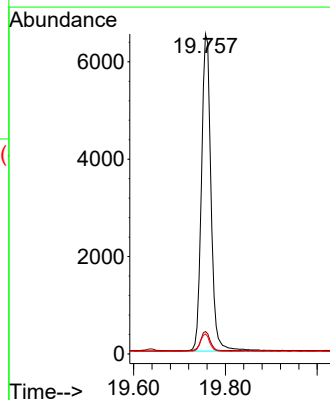
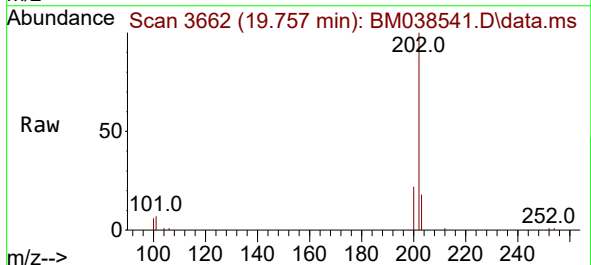
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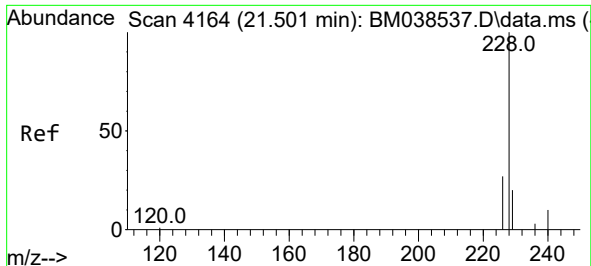
Tgt Ion:202 Resp: 9010
Ion Ratio Lower Upper
202 100
101 6.1 5.3 7.9
100 5.3 4.2 6.2



#20
Pyrene
Concen: 0.382 ng/ul
RT: 19.757 min Scan# 3662
Delta R.T. -0.000 min
Lab File: BM038541.D
Acq: 25 Jan 2023 23:33

Tgt Ion:202 Resp: 9400
Ion Ratio Lower Upper
202 100
101 7.0 5.9 8.9
100 6.3 5.2 7.8

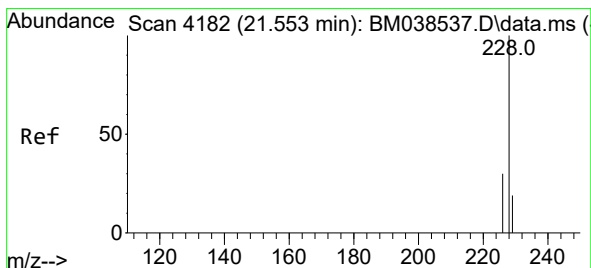
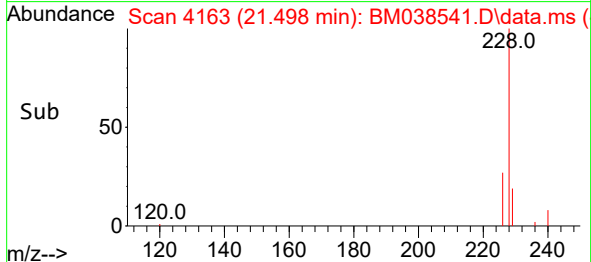
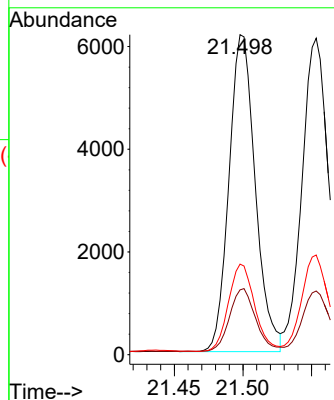
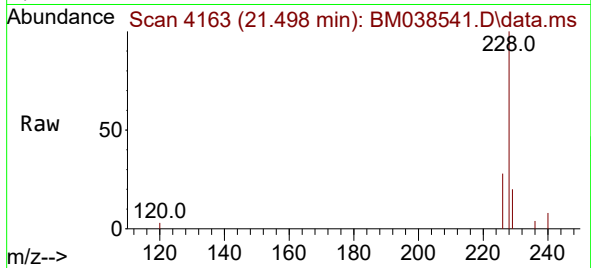




#21
Benzo(a)anthracene
Concen: 0.361 ng/ul
RT: 21.498 min Scan# 4163
Delta R.T. -0.003 min
Lab File: BM038541.D
Acq: 25 Jan 2023 23:33

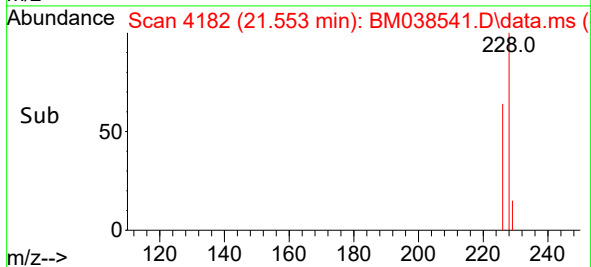
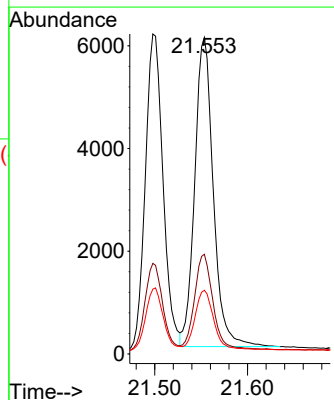
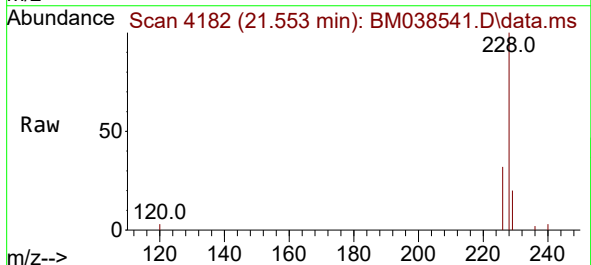
Instrument :
BNA_M
ClientSampleId :
SICV042

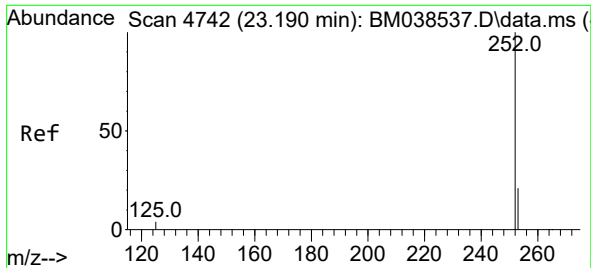
Tgt Ion:228 Resp: 8229
Ion Ratio Lower Upper
228 100
229 20.3 16.7 25.1
226 28.3 22.2 33.4



#22
Chrysene
Concen: 0.367 ng/ul
RT: 21.553 min Scan# 4182
Delta R.T. -0.000 min
Lab File: BM038541.D
Acq: 25 Jan 2023 23:33

Tgt Ion:228 Resp: 8395
Ion Ratio Lower Upper
228 100
226 31.5 24.6 36.8
229 20.1 16.2 24.4

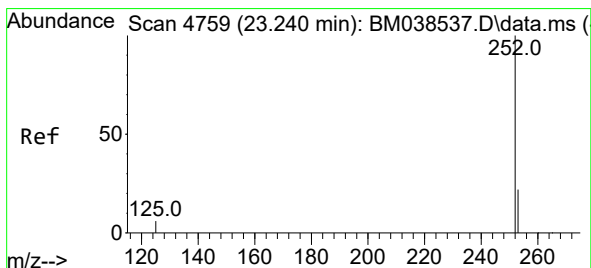
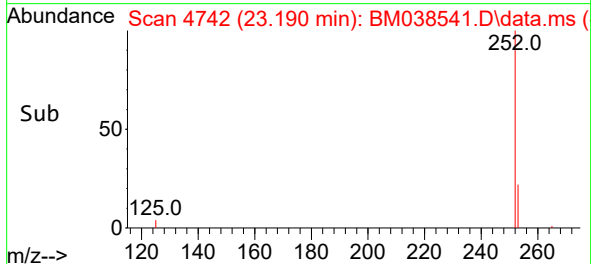
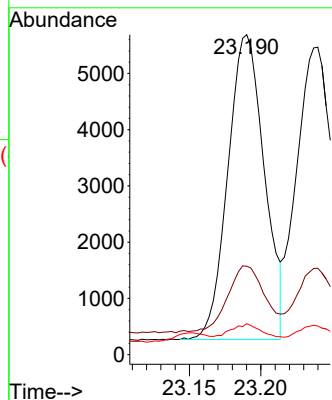
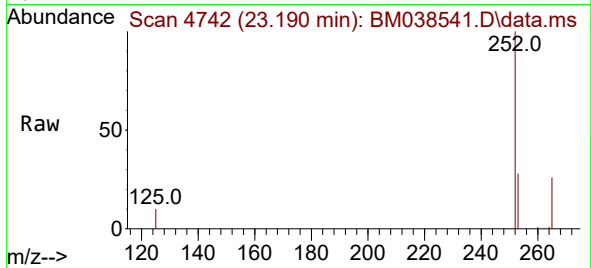




#24
Benzo(b)fluoranthene
Concen: 0.365 ng/ul
RT: 23.190 min Scan# 4742
Delta R.T. -0.000 min
Lab File: BM038541.D
Acq: 25 Jan 2023 23:33

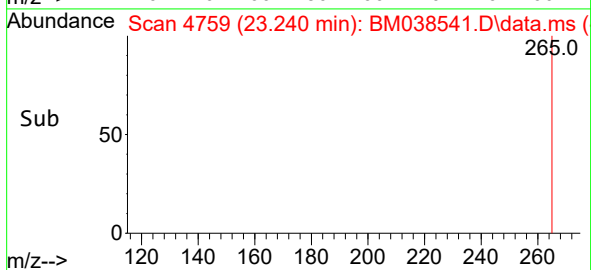
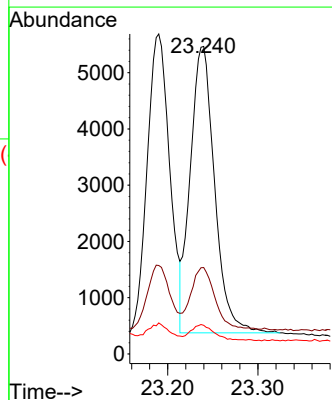
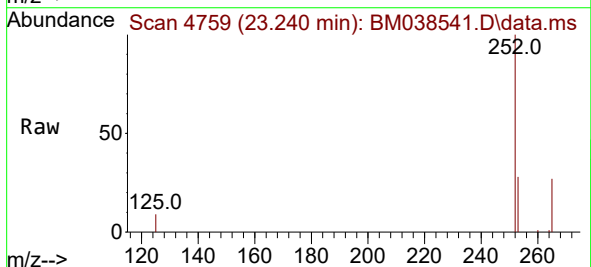
Instrument :
BNA_M
ClientSampleId :
SICV042

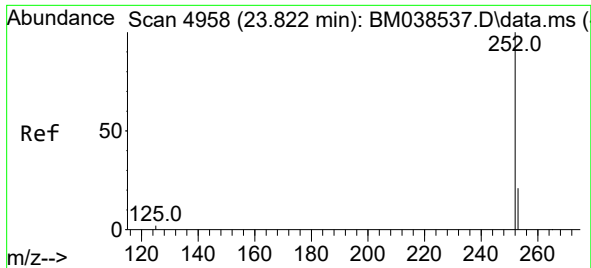
Tgt Ion:252 Resp: 9610
Ion Ratio Lower Upper
252 100
253 27.7 0.0 56.6
125 9.7 0.0 21.4



#25
Benzo(k)fluoranthene
Concen: 0.374 ng/ul
RT: 23.240 min Scan# 4759
Delta R.T. -0.000 min
Lab File: BM038541.D
Acq: 25 Jan 2023 23:33

Tgt Ion:252 Resp: 9540
Ion Ratio Lower Upper
252 100
253 28.1 23.1 34.7
125 9.3 8.4 12.6

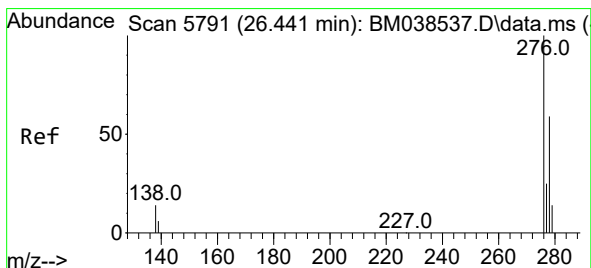
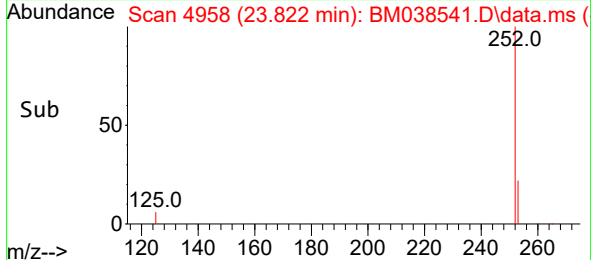
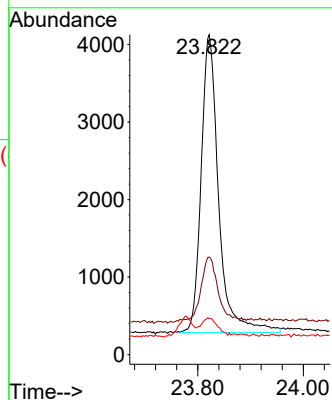
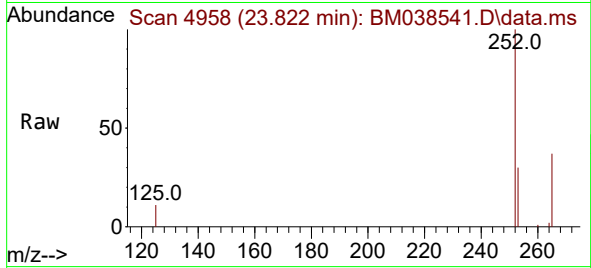




#26
Benzo(a)pyrene
Concen: 0.374 ng/ul
RT: 23.822 min Scan# 4958
Delta R.T. -0.000 min
Lab File: BM038541.D
Acq: 25 Jan 2023 23:33

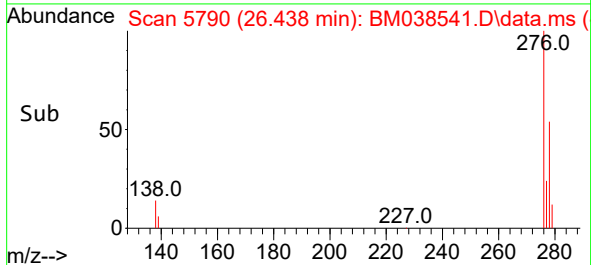
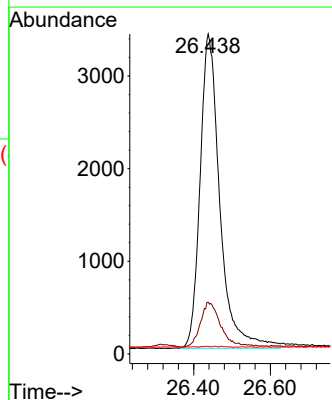
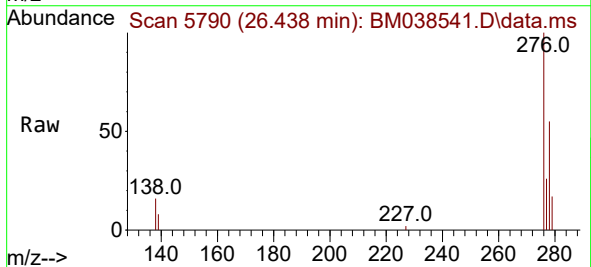
Instrument :
BNA_M
ClientSampleId :
SICV042

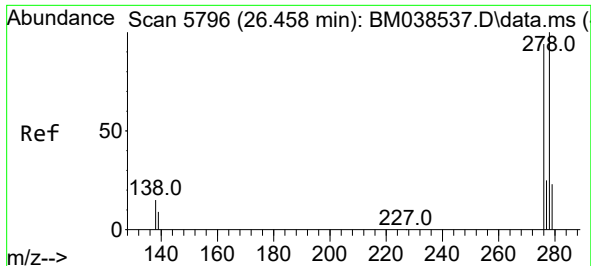
Tgt Ion:	252	Resp:	8831
Ion Ratio	Lower	Upper	
252	100		
253	30.5	25.1	37.7
125	11.3	10.0	15.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.367 ng/ul
RT: 26.438 min Scan# 5790
Delta R.T. -0.003 min
Lab File: BM038541.D
Acq: 25 Jan 2023 23:33

Tgt Ion:	276	Resp:	12187
Ion Ratio	Lower	Upper	
276	100		
138	14.9	11.7	17.5
227	0.1	0.3	0.5

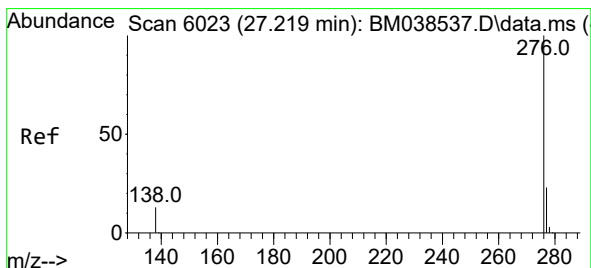
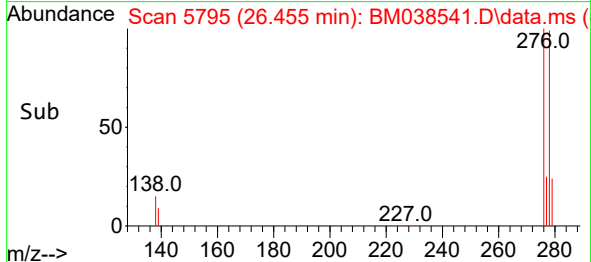
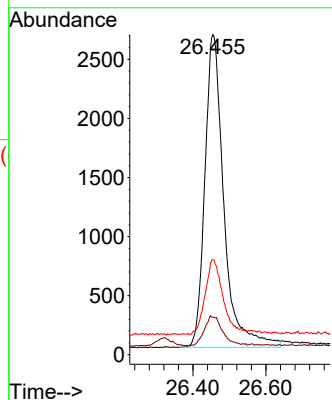
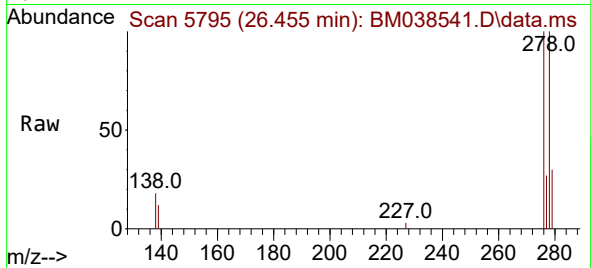




#28
Dibenzo(a,h)anthracene
Concen: 0.364 ng/ul
RT: 26.455 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM038541.D
Acq: 25 Jan 2023 23:33

Instrument :
BNA_M
ClientSampleId :
SICV042

Tgt Ion:278 Resp: 9611
Ion Ratio Lower Upper
278 100
139 11.7 9.8 14.8
279 29.7 23.3 34.9



#29
Benzo(g,h,i)perylene
Concen: 0.370 ng/ul
RT: 27.216 min Scan# 6022
Delta R.T. -0.003 min
Lab File: BM038541.D
Acq: 25 Jan 2023 23:33

Tgt Ion:276 Resp: 10682
Ion Ratio Lower Upper
276 100
138 15.2 12.6 19.0
277 26.0 20.5 30.7

