

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012623\
 Data File : BM038540.D
 Acq On : 25 Jan 2023 22:19
 Operator : CG/JU
 Sample : SSTD3.227
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD3.2041

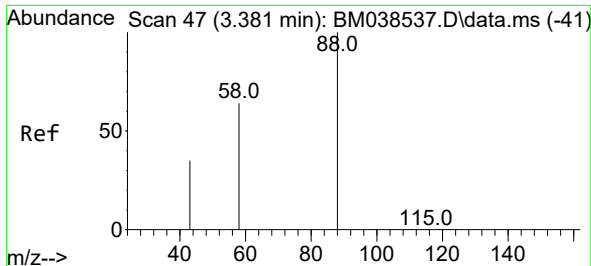
Quant Time: Jan 26 00:02:19 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 23:59:31 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	1781	0.400	ng/ul	0.00
4) Naphthalene-d8	10.773	136	4739	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	2966	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.341	188	6607	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	6589	0.400	ng/ul	0.00
23) Perylene-d12	23.930	264	6429	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	7328	2.760	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	24718	3.476	ng/ul	0.00
18) Fluoranthene-d10	19.361	212	64051	3.431	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.376	88	7609	2.796	ng/ul#	25
5) Naphthalene	10.823	128	42549	3.363	ng/ul	96
7) 2-Methylnaphthalene	12.434	142	27575	3.542	ng/ul	98
8) 1-Methylnaphthalene	12.649	142	29190	3.686	ng/ul	99
10) Acenaphthylene	14.324	152	44956	3.257	ng/ul	97
11) Acenaphthene	14.661	153	33619	3.282	ng/ul	99
12) Fluorene	15.647	166	39903	3.435	ng/ul	100
14) Pentachlorophenol	16.995	266	9389	3.987	ng/ul	99
15) Phenanthrene	17.383	178	62008	3.179	ng/ul	98
16) Anthracene	17.472	178	61009	3.398	ng/ul	98
19) Fluoranthene	19.394	202	79728	3.497	ng/ul	97
20) Pyrene	19.756	202	82708	3.396	ng/ul	98
21) Benzo(a)anthracene	21.498	228	75442	3.440	ng/ul	98
22) Chrysene	21.550	228	74291	3.213	ng/ul	99
24) Benzo(b)fluoranthene	23.187	252	79558	3.417	ng/ul	89
25) Benzo(k)fluoranthene	23.237	252	79656	3.434	ng/ul#	88
26) Benzo(a)pyrene	23.819	252	71077	3.229	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.438	276	96549	2.999	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.451	278	76928	3.051	ng/ul	92
29) Benzo(g,h,i)perylene	27.209	276	82405	2.880	ng/ul	95

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

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QLast Update : Wed Jan 25 23:59:31 2023
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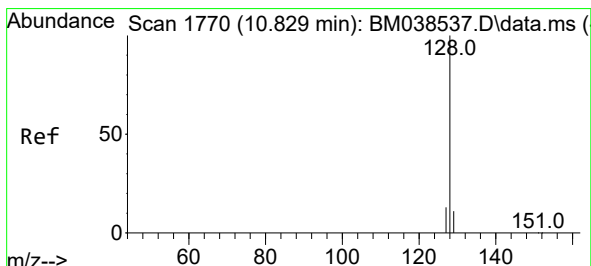
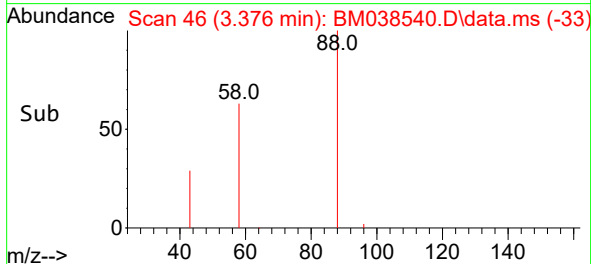
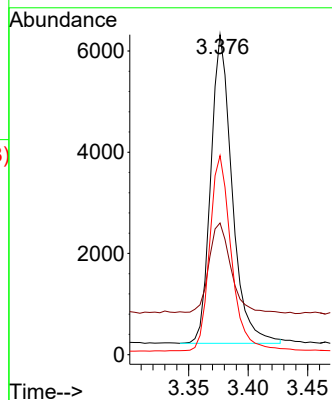
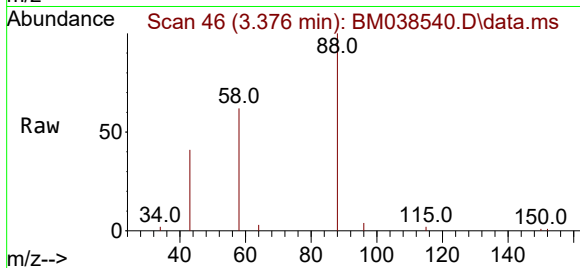




#2
1,4-Dioxane
Concen: 2.796 ng/ul
RT: 3.376 min Scan# 41
Delta R.T. -0.004 min
Lab File: BM038540.D
Acq: 25 Jan 2023 22:19

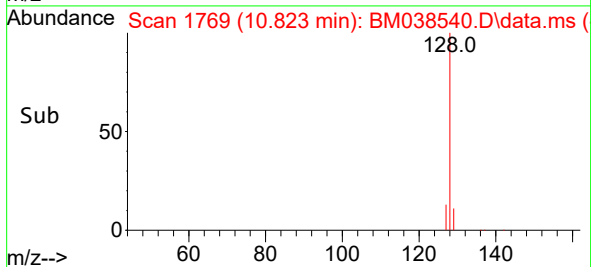
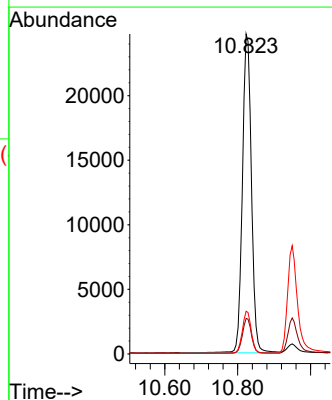
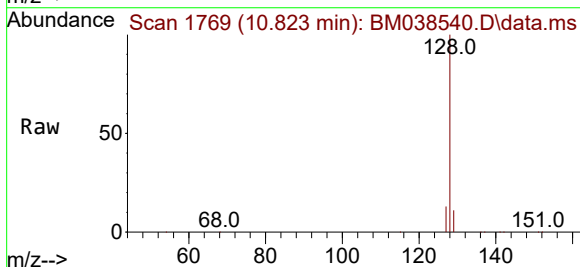
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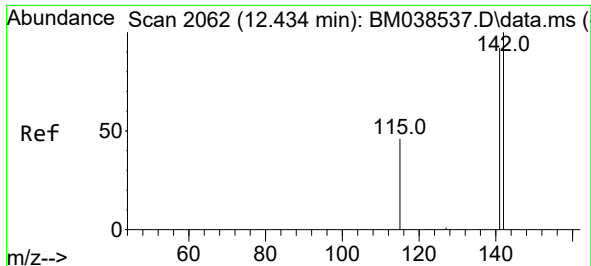
Tgt Ion: 88 Resp: 7609
Ion Ratio Lower Upper
88 100
43 41.1 141.3 211.9#
58 62.2 45.7 68.5



#5
Naphthalene
Concen: 3.363 ng/ul
RT: 10.823 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BM038540.D
Acq: 25 Jan 2023 22:19

Tgt Ion: 128 Resp: 42549
Ion Ratio Lower Upper
128 100
129 11.1 10.3 15.5
127 13.4 11.9 17.9

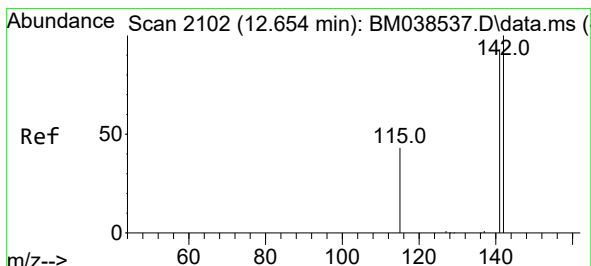
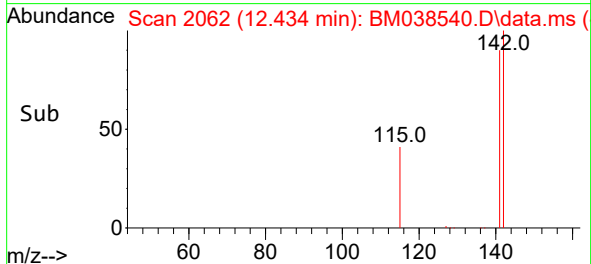
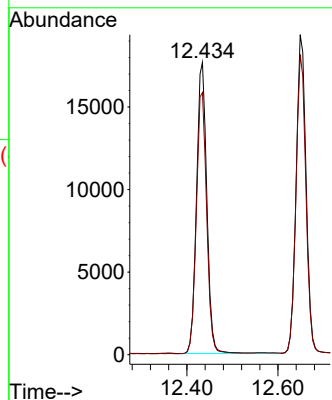
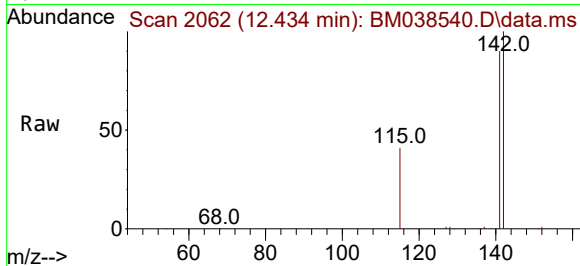




#7
2-Methylnaphthalene
Concen: 3.542 ng/ul
RT: 12.434 min Scan# 2062
Delta R.T. -0.000 min
Lab File: BM038540.D
Acq: 25 Jan 2023 22:19

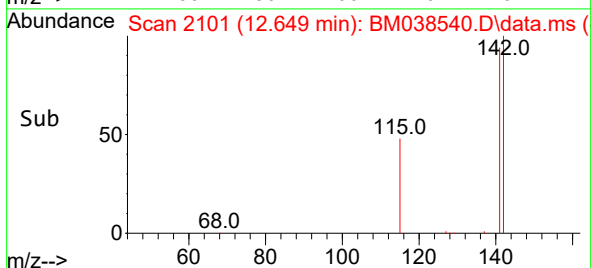
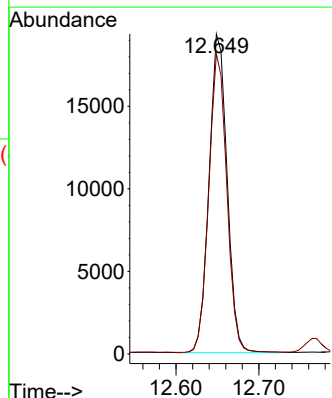
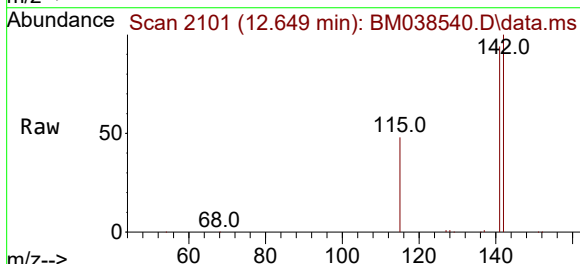
Instrument :
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ClientSampleId :
SSTD3.2041

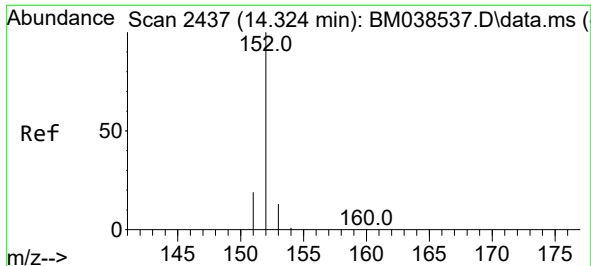
Tgt Ion:142 Resp: 27575
Ion Ratio Lower Upper
142 100
141 90.2 73.7 110.5



#8
1-Methylnaphthalene
Concen: 3.686 ng/ul
RT: 12.649 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BM038540.D
Acq: 25 Jan 2023 22:19

Tgt Ion:142 Resp: 29190
Ion Ratio Lower Upper
142 100
141 93.4 74.0 111.0

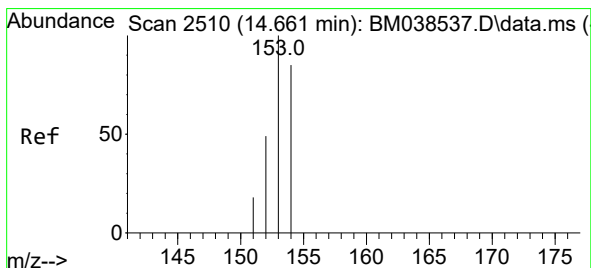
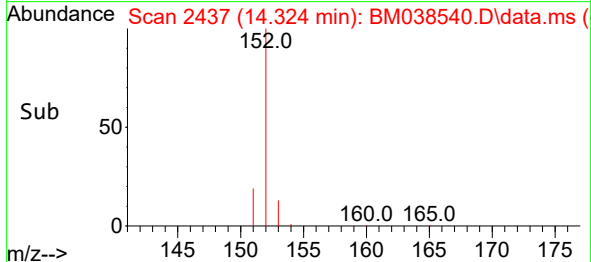
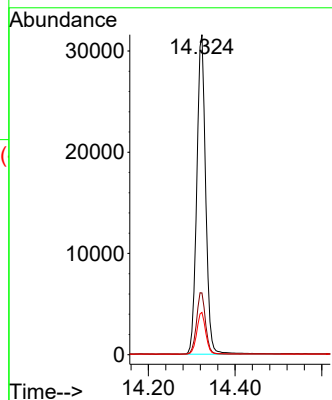
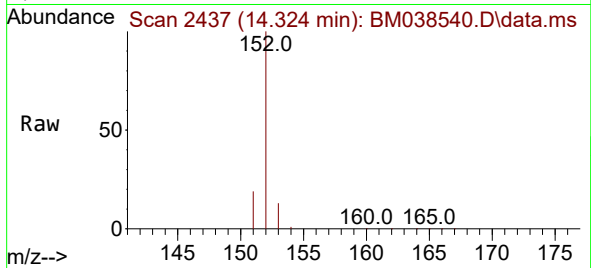




#10
Acenaphthylene
Concen: 3.257 ng/ul
RT: 14.324 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BM038540.D
Acq: 25 Jan 2023 22:19

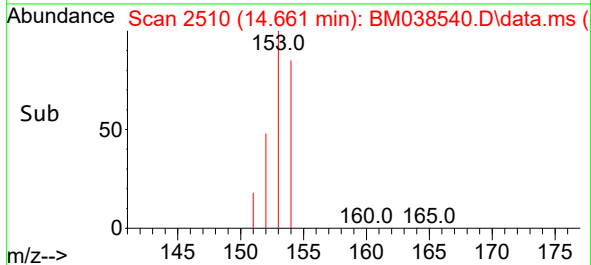
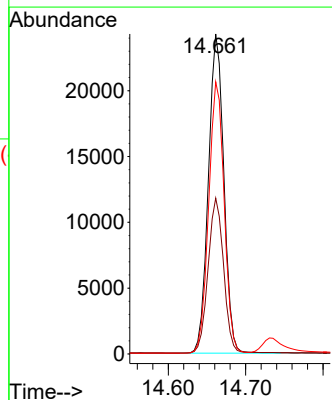
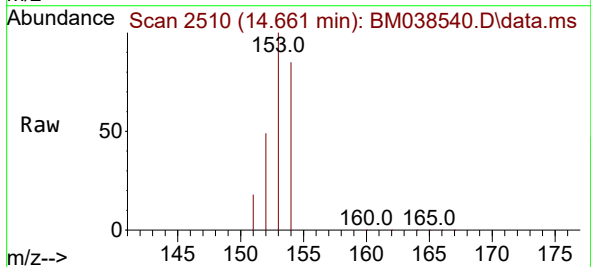
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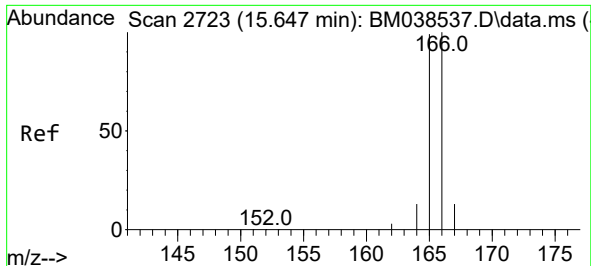
Tgt Ion:	152	Resp:	44956
Ion Ratio	Lower	Upper	
152	100		
151	19.3	16.3	24.5
153	13.2	11.8	17.6



#11
Acenaphthene
Concen: 3.282 ng/ul
RT: 14.661 min Scan# 2510
Delta R.T. -0.000 min
Lab File: BM038540.D
Acq: 25 Jan 2023 22:19

Tgt Ion:	153	Resp:	33619
Ion Ratio	Lower	Upper	
153	100		
152	48.7	40.1	60.1
154	85.0	68.4	102.6

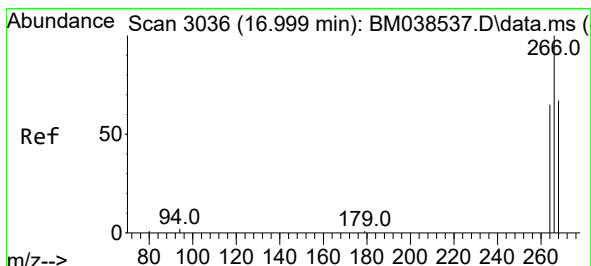
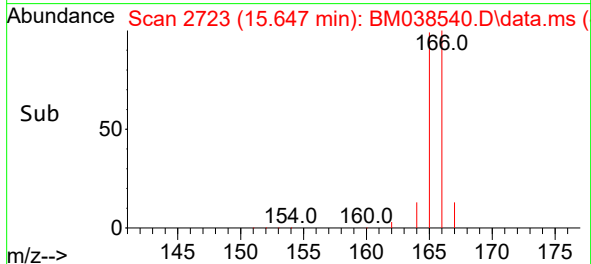
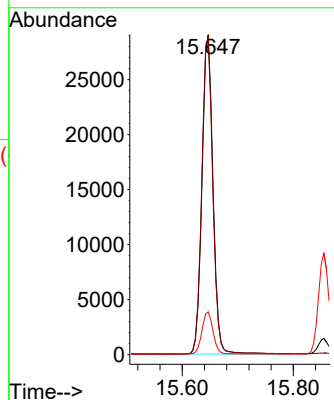
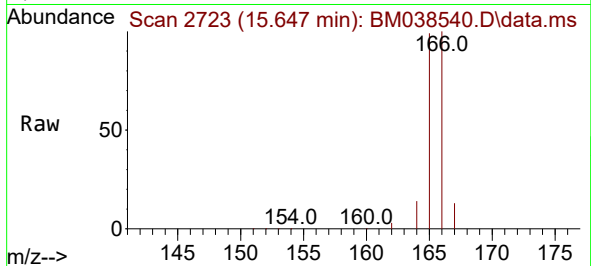




#12
 Fluorene
 Concen: 3.435 ng/ul
 RT: 15.647 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM038540.D
 Acq: 25 Jan 2023 22:19

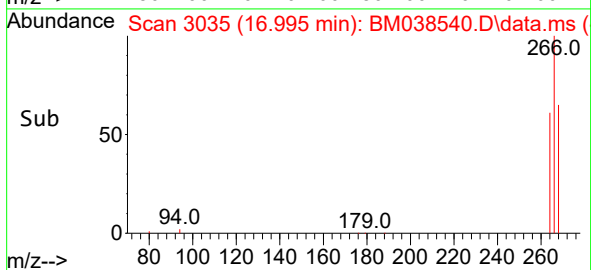
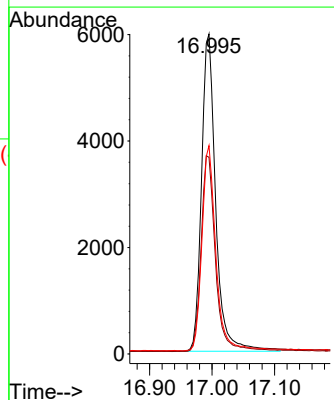
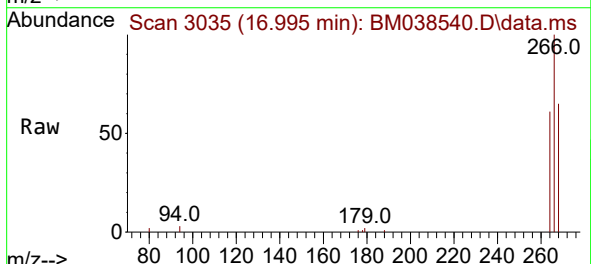
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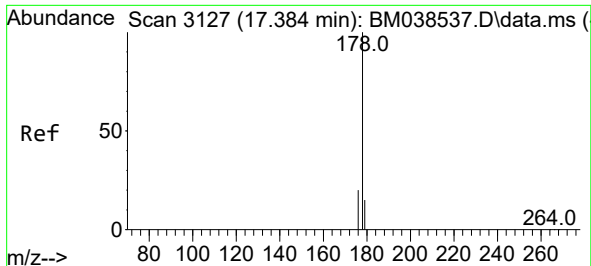
Tgt Ion:166 Resp: 39903
 Ion Ratio Lower Upper
 166 100
 165 99.1 79.3 118.9
 167 13.4 11.9 17.9



#14
 Pentachlorophenol
 Concen: 3.987 ng/ul
 RT: 16.995 min Scan# 3035
 Delta R.T. -0.004 min
 Lab File: BM038540.D
 Acq: 25 Jan 2023 22:19

Tgt Ion:266 Resp: 9389
 Ion Ratio Lower Upper
 266 100
 264 62.7 49.4 74.2
 268 63.9 51.7 77.5

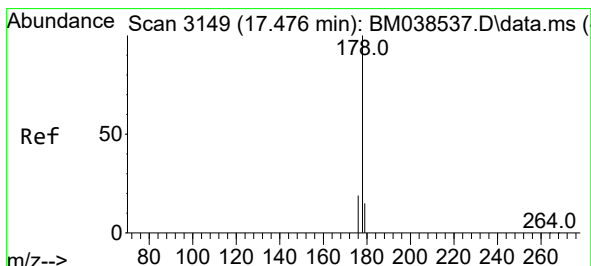
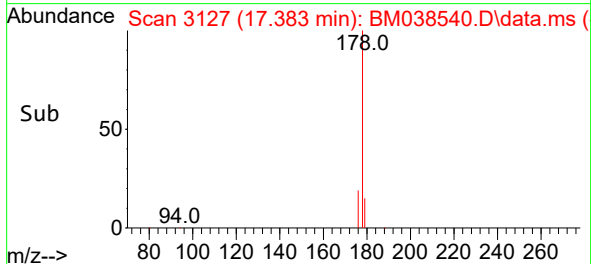
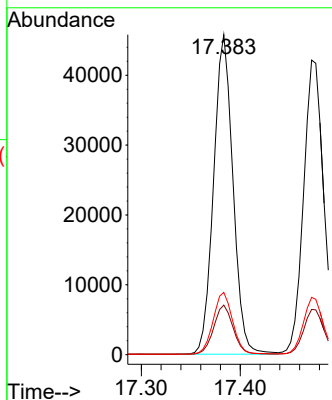
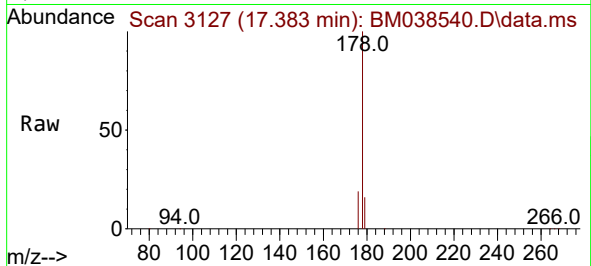




#15
Phenanthrene
Concen: 3.179 ng/ul
RT: 17.383 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BM038540.D
Acq: 25 Jan 2023 22:19

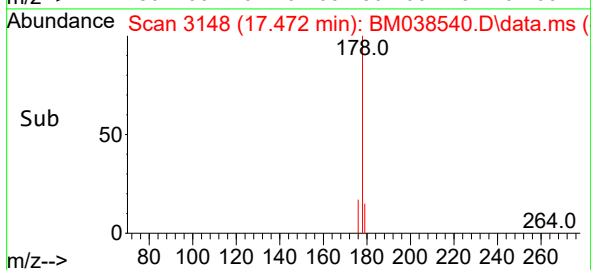
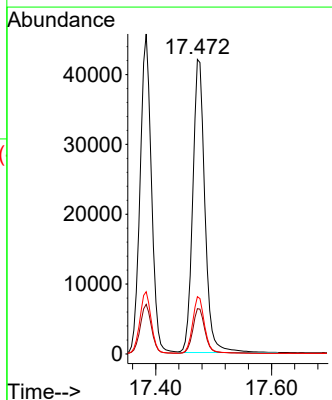
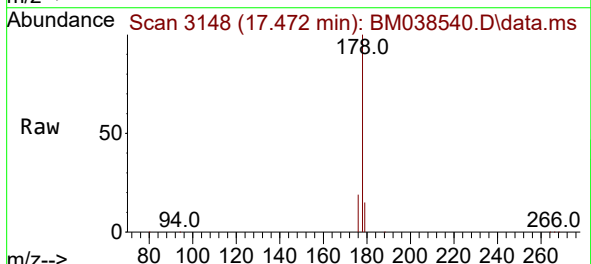
Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

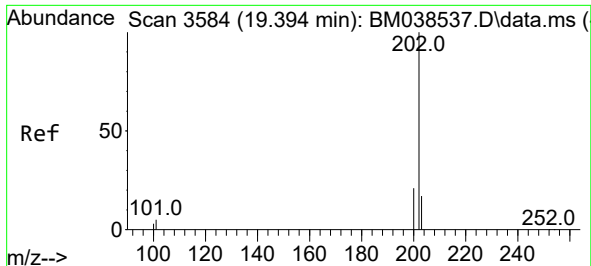
Tgt Ion:178 Resp: 62008
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 19.5 16.4 24.6



#16
Anthracene
Concen: 3.398 ng/ul
RT: 17.472 min Scan# 3148
Delta R.T. -0.004 min
Lab File: BM038540.D
Acq: 25 Jan 2023 22:19

Tgt Ion:178 Resp: 61009
Ion Ratio Lower Upper
178 100
179 15.4 13.2 19.8
176 19.5 16.2 24.4

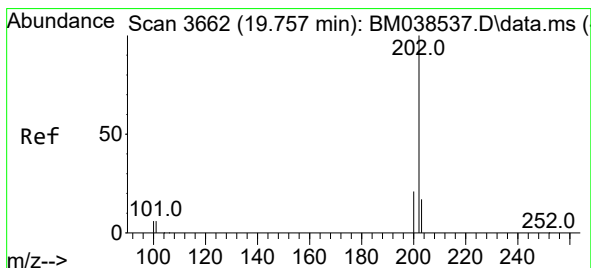
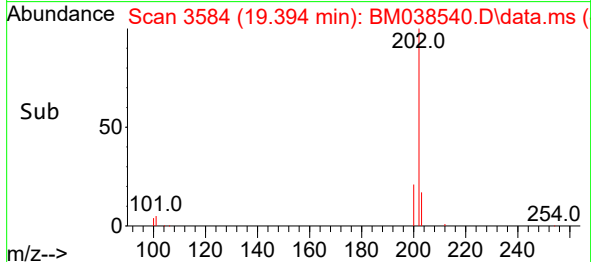
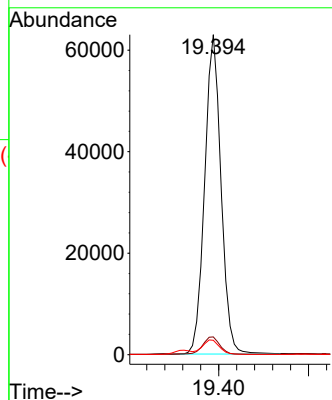
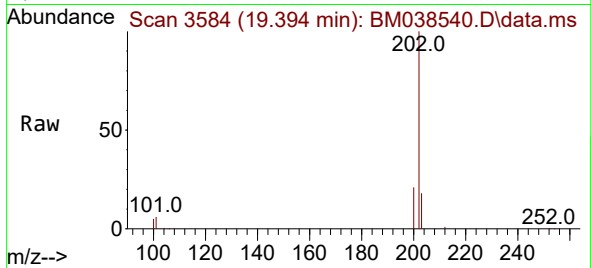




#19
Fluoranthene
Concen: 3.497 ng/ul
RT: 19.394 min Scan# 3584
Delta R.T. -0.000 min
Lab File: BM038540.D
Acq: 25 Jan 2023 22:19

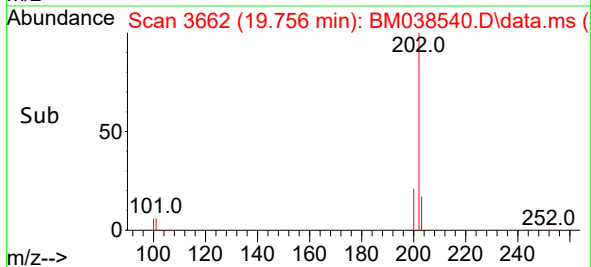
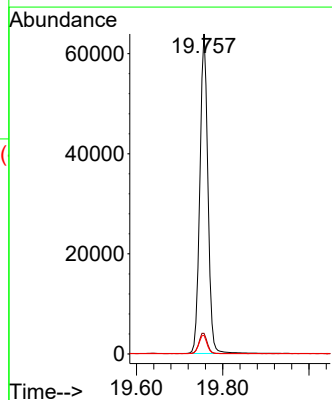
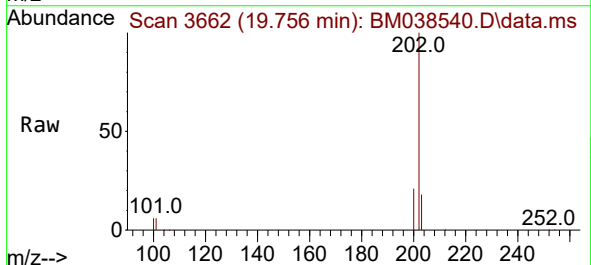
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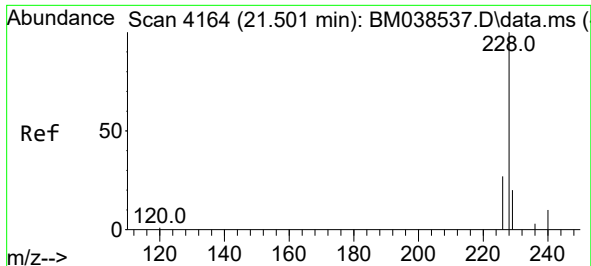
Tgt Ion:202 Resp: 79728
Ion Ratio Lower Upper
202 100
101 5.6 5.3 7.9
100 4.5 4.2 6.2



#20
Pyrene
Concen: 3.396 ng/ul
RT: 19.756 min Scan# 3662
Delta R.T. -0.000 min
Lab File: BM038540.D
Acq: 25 Jan 2023 22:19

Tgt Ion:202 Resp: 82708
Ion Ratio Lower Upper
202 100
101 6.5 5.9 8.9
100 5.8 5.2 7.8

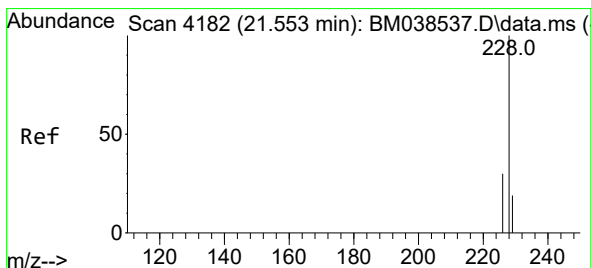
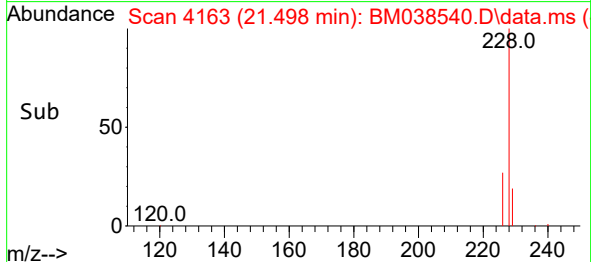
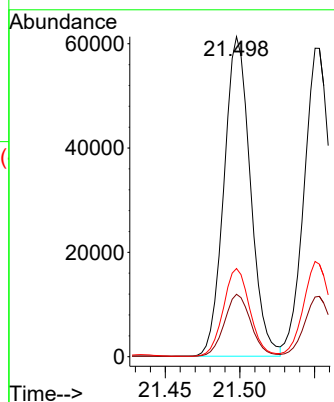
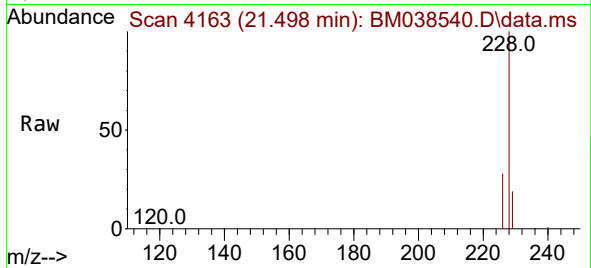




#21
Benzo(a)anthracene
Concen: 3.440 ng/ul
RT: 21.498 min Scan# 4163
Delta R.T. -0.003 min
Lab File: BM038540.D
Acq: 25 Jan 2023 22:19

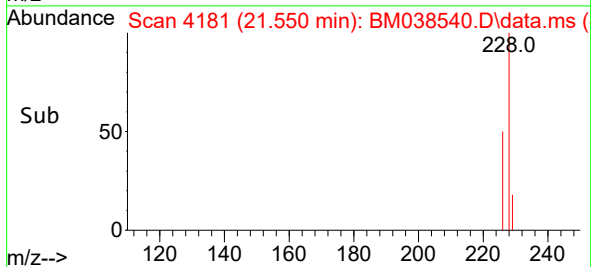
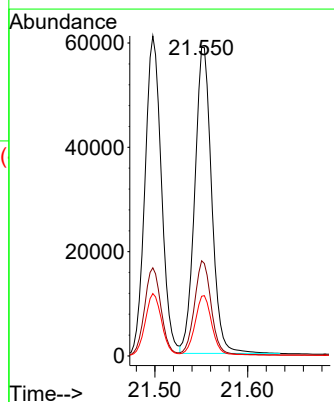
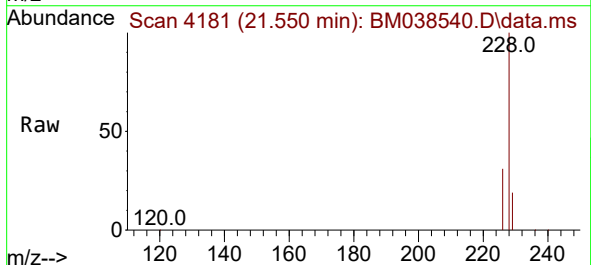
Instrument :
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SSTD3.2041

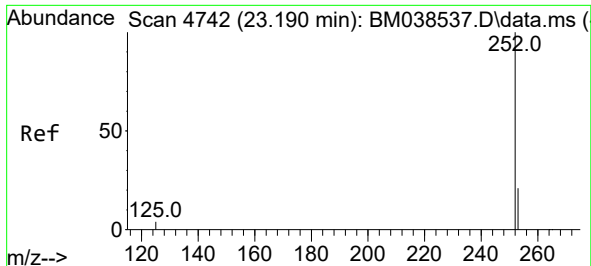
Tgt Ion:228 Resp: 75442
Ion Ratio Lower Upper
228 100
229 19.5 16.7 25.1
226 27.6 22.2 33.4



#22
Chrysene
Concen: 3.213 ng/ul
RT: 21.550 min Scan# 4181
Delta R.T. -0.003 min
Lab File: BM038540.D
Acq: 25 Jan 2023 22:19

Tgt Ion:228 Resp: 74291
Ion Ratio Lower Upper
228 100
226 30.9 24.6 36.8
229 19.4 16.2 24.4

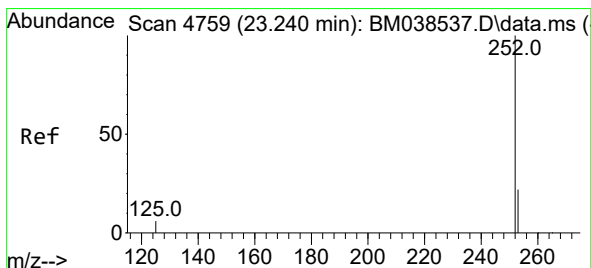
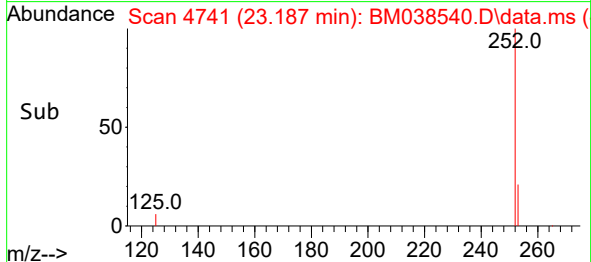
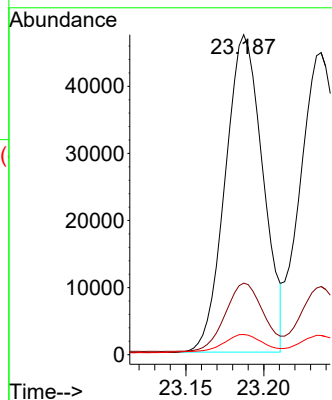
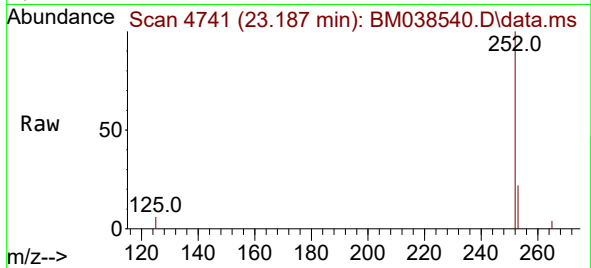




#24
Benzo(b)fluoranthene
Concen: 3.417 ng/ul
RT: 23.187 min Scan# 4741
Delta R.T. -0.003 min
Lab File: BM038540.D
Acq: 25 Jan 2023 22:19

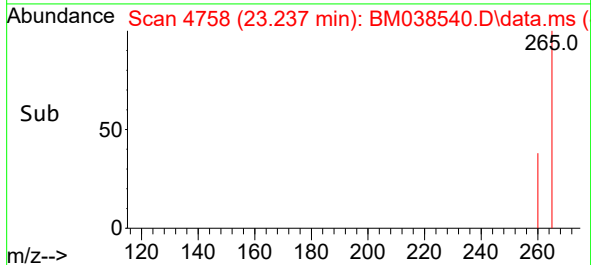
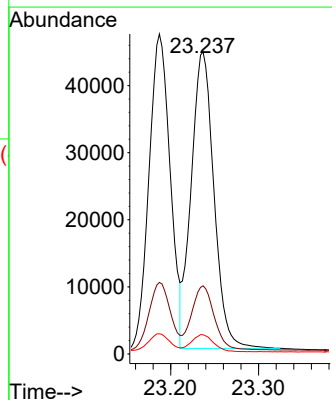
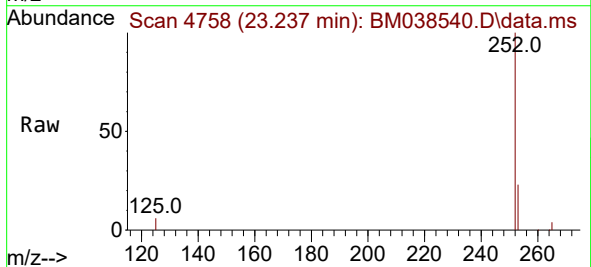
Instrument :
BNA_M
ClientSampleId :
SSTD3.2041

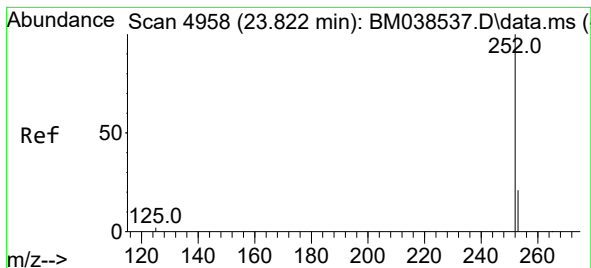
Tgt Ion:252 Resp: 79558
Ion Ratio Lower Upper
252 100
253 22.4 0.0 56.6
125 6.3 0.0 21.4



#25
Benzo(k)fluoranthene
Concen: 3.434 ng/ul
RT: 23.237 min Scan# 4758
Delta R.T. -0.003 min
Lab File: BM038540.D
Acq: 25 Jan 2023 22:19

Tgt Ion:252 Resp: 79656
Ion Ratio Lower Upper
252 100
253 22.5 23.1 34.7#
125 6.4 8.4 12.6#





#26

Benzo(a)pyrene

Concen: 3.229 ng/ul

RT: 23.819 min Scan# 4958

Delta R.T. -0.003 min

Lab File: BM038540.D

Acq: 25 Jan 2023 22:19

Instrument :

BNA_M

ClientSampleId :

SSTD3.2041

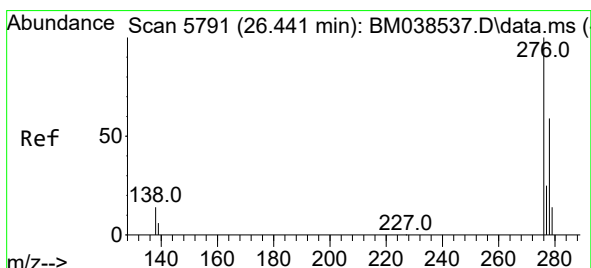
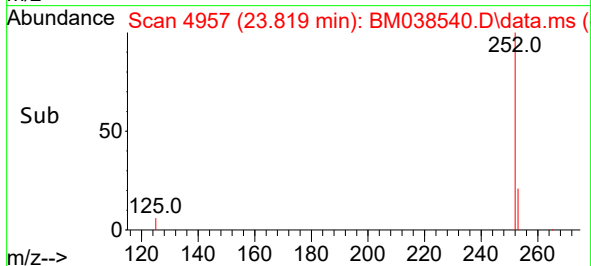
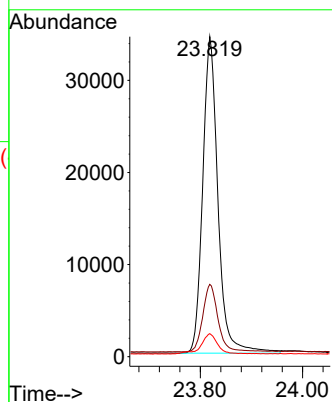
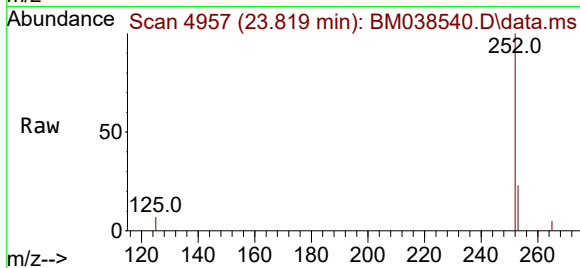
Tgt Ion:252 Resp: 71077

Ion Ratio Lower Upper

252 100

253 22.6 25.1 37.7#

125 7.2 10.0 15.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 2.999 ng/ul

RT: 26.438 min Scan# 5790

Delta R.T. -0.004 min

Lab File: BM038540.D

Acq: 25 Jan 2023 22:19

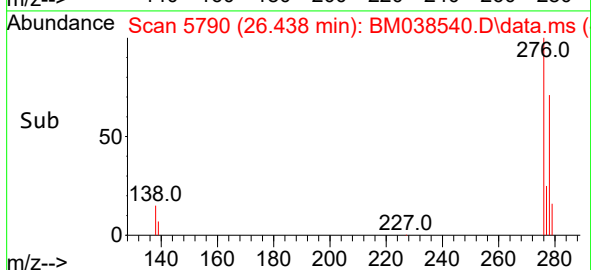
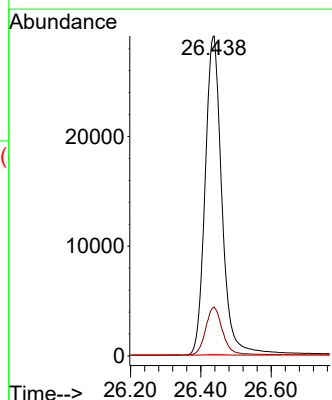
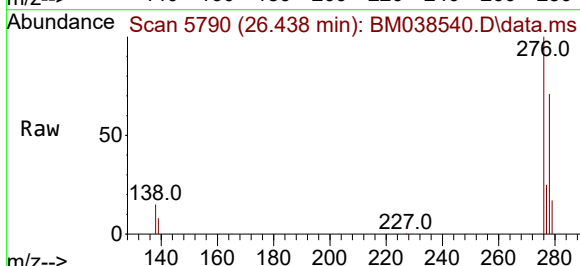
Tgt Ion:276 Resp: 96549

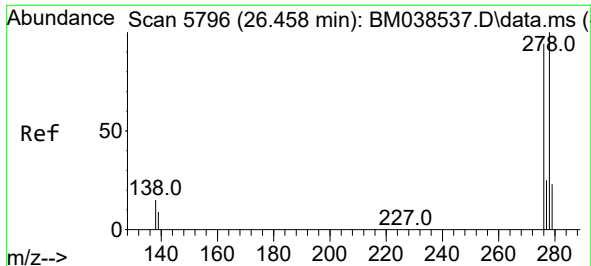
Ion Ratio Lower Upper

276 100

138 15.3 11.7 17.5

227 0.2 0.3 0.5#

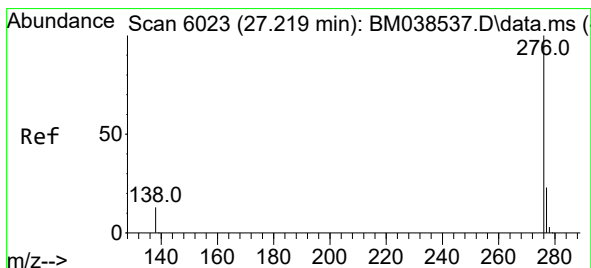
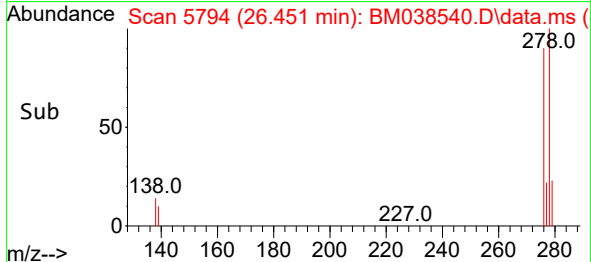
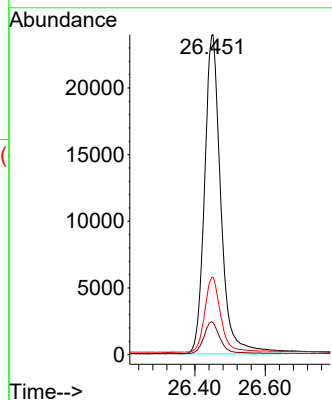
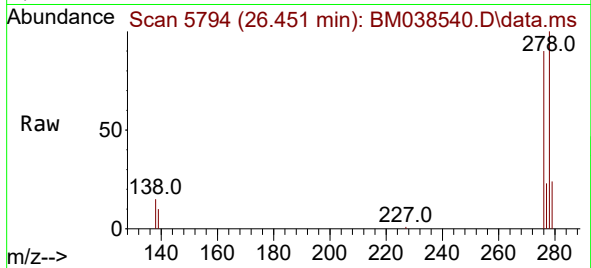




#28
 Dibenzo(a,h)anthracene
 Concen: 3.051 ng/ul
 RT: 26.451 min Scan# 5794
 Delta R.T. -0.007 min
 Lab File: BM038540.D
 Acq: 25 Jan 2023 22:19

Instrument :
 BNA_M
 ClientSampleId :
 SSTD3.2041

Tgt Ion:278 Resp: 76928
 Ion Ratio Lower Upper
 278 100
 139 10.0 9.8 14.8
 279 24.2 23.3 34.9



#29
 Benzo(g,h,i)perylene
 Concen: 2.880 ng/ul
 RT: 27.209 min Scan# 6020
 Delta R.T. -0.010 min
 Lab File: BM038540.D
 Acq: 25 Jan 2023 22:19

Tgt Ion:276 Resp: 82405
 Ion Ratio Lower Upper
 276 100
 138 13.6 12.6 19.0
 277 23.4 20.5 30.7

