

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030323\
 Data File : BM038851.D
 Acq On : 03 Mar 2023 09:17
 Operator : CG/JU
 Sample : SSTD0.134
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.1001

Quant Time: Mar 03 21:52:04 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 03 21:49:51 2023
 Response via : Initial Calibration

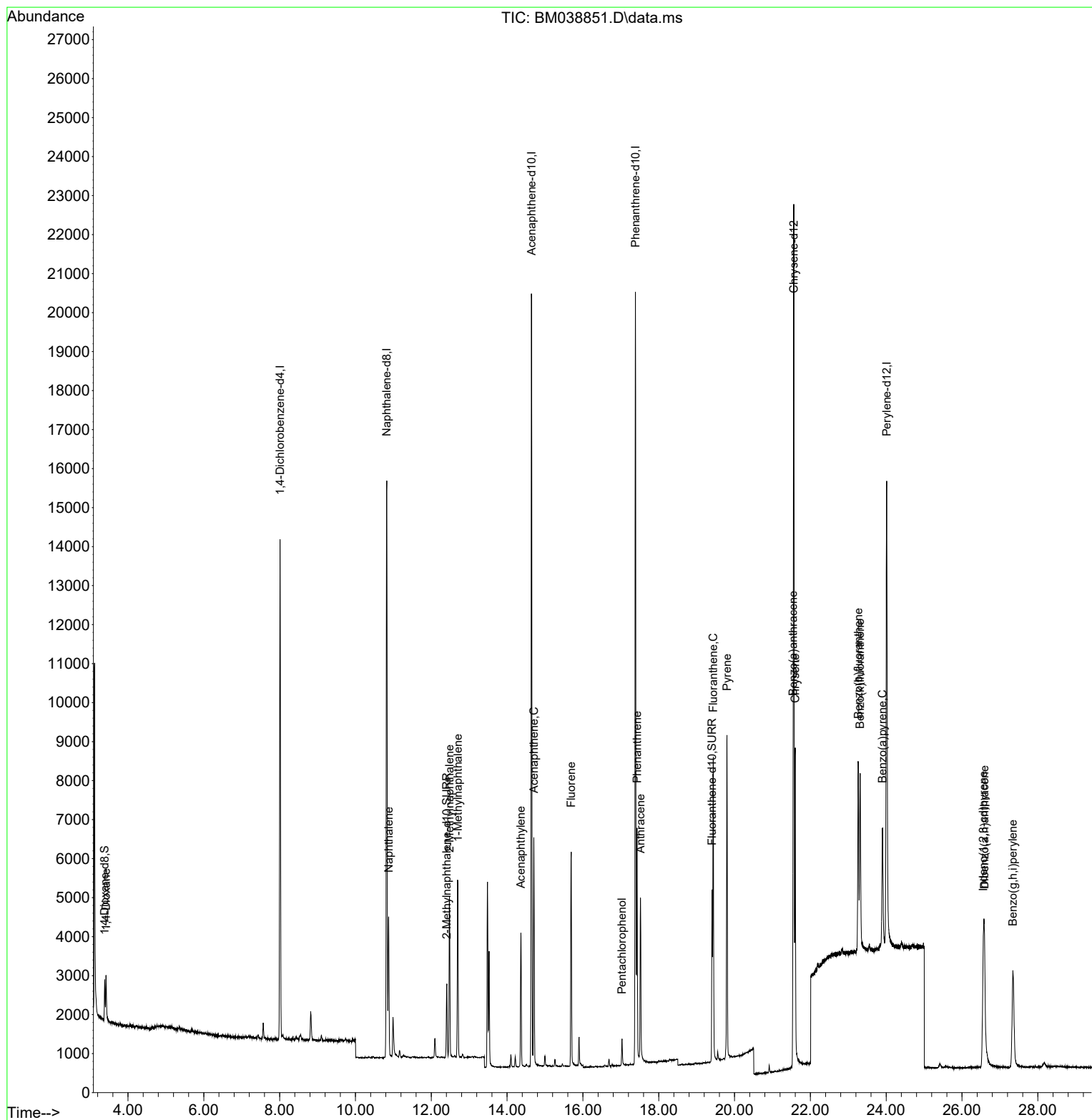
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	6366	0.400	ng/ul	0.00
4) Naphthalene-d8	10.826	136	20288	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	10727	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.385	188	23178	0.400	ng/ul	0.00
17) Chrysene-d12	21.561	240	19767	0.400	ng/ul	0.00
23) Perylene-d12	24.011	264	17675	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	775	0.115	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.409	152	2498	0.071	ng/ul	0.00
18) Fluoranthene-d10	19.405	212	4857	0.084	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.420	88	793	0.124	ng/ul#	79
5) Naphthalene	10.875	128	4924	0.099	ng/ul	96
7) 2-Methylnaphthalene	12.481	142	2933	0.082	ng/ul	98
8) 1-Methylnaphthalene	12.701	142	3116	0.086	ng/ul	99
10) Acenaphthylene	14.362	152	3884	0.085	ng/ul	94
11) Acenaphthene	14.705	153	3229	0.093	ng/ul	100
12) Fluorene	15.690	166	3591	0.087	ng/ul	98
14) Pentachlorophenol	17.031	266	503	0.078	ng/ul	92
15) Phenanthrene	17.427	178	6216	0.090	ng/ul	97
16) Anthracene	17.516	178	4921	0.077	ng/ul	95
19) Fluoranthene	19.438	202	6773	0.087	ng/ul	98
20) Pyrene	19.800	202	7105	0.085	ng/ul	99
21) Benzo(a)anthracene	21.544	228	5758	0.087	ng/ul	99
22) Chrysene	21.599	228	7107	0.103	ng/ul	99
24) Benzo(b)fluoranthene	23.262	252	6678	0.105	ng/ul	86
25) Benzo(k)fluoranthene	23.312	252	6577	0.104	ng/ul#	83
26) Benzo(a)pyrene	23.903	252	5215	0.091	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.561	276	6552	0.074	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.591	278	4902	0.070	ng/ul#	88
29) Benzo(g,h,i)perylene	27.342	276	6179	0.078	ng/ul	92

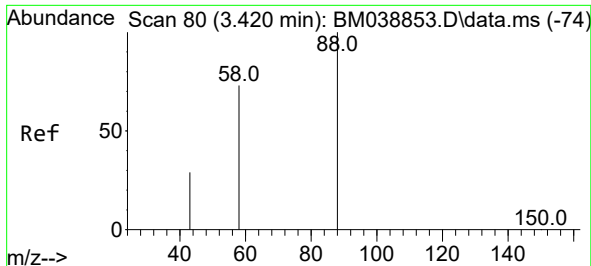
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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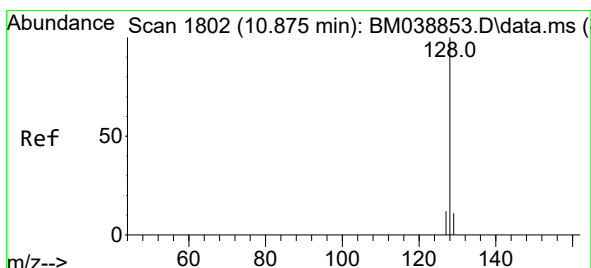
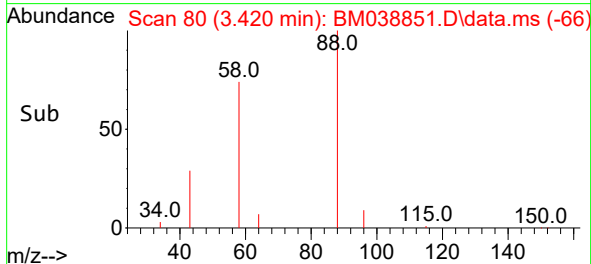
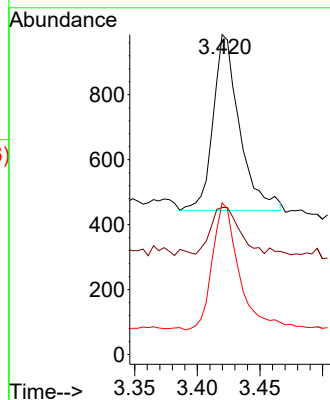
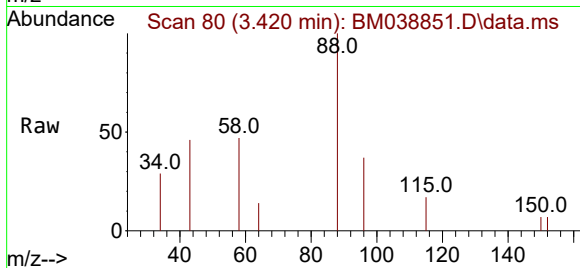




#2
1,4-Dioxane
Concen: 0.124 ng/ul
RT: 3.420 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM038851.D
Acq: 03 Mar 2023 09:17

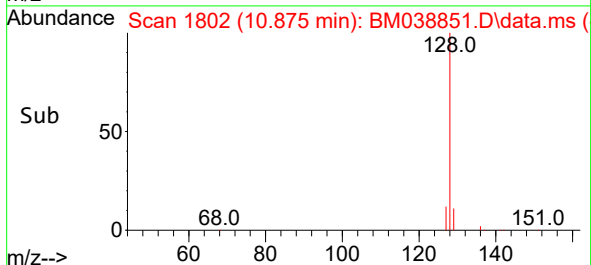
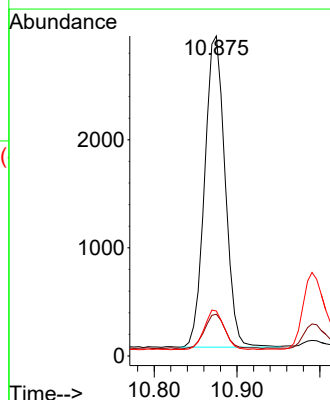
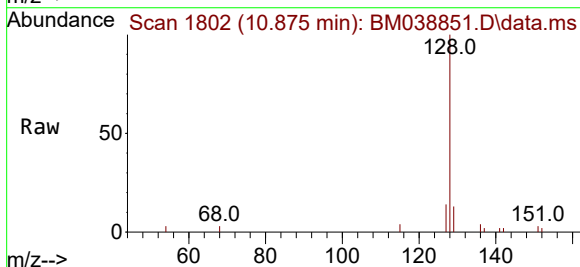
Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

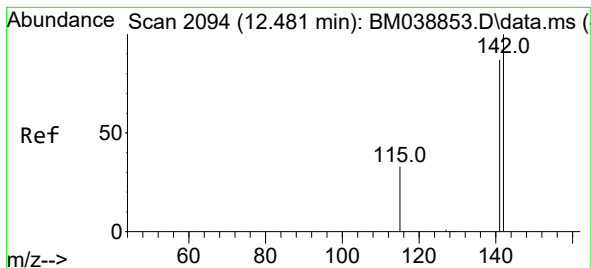
Tgt Ion: 88 Resp: 793
Ion Ratio Lower Upper
88 100
43 46.0 27.2 40.8#
58 47.4 50.8 76.2#



#5
Naphthalene
Concen: 0.099 ng/ul
RT: 10.875 min Scan# 1802
Delta R.T. -0.000 min
Lab File: BM038851.D
Acq: 03 Mar 2023 09:17

Tgt Ion: 128 Resp: 4924
Ion Ratio Lower Upper
128 100
129 13.0 9.1 13.7
127 14.1 10.3 15.5

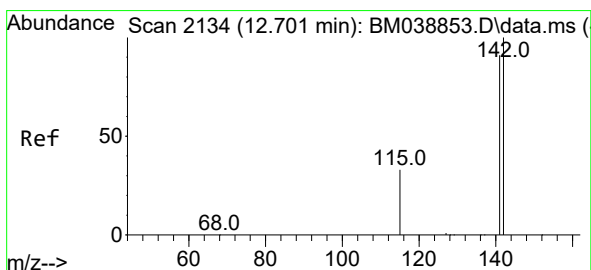
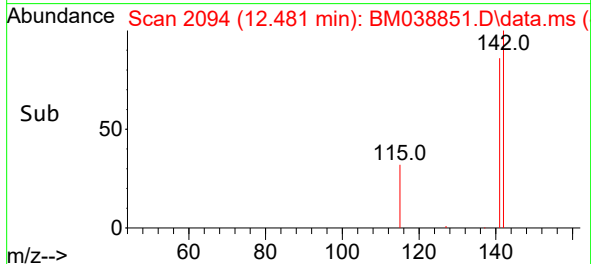
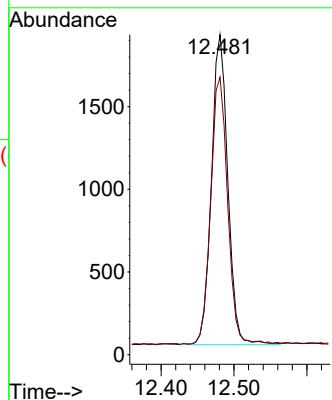
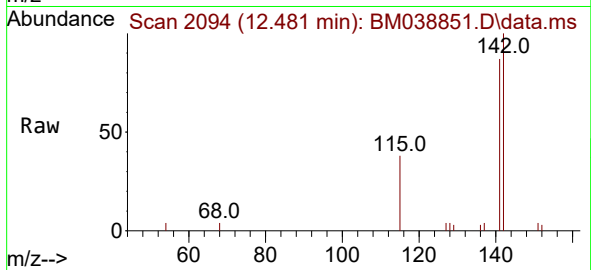




#7
2-Methylnaphthalene
Concen: 0.082 ng/ul
RT: 12.481 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BM038851.D
Acq: 03 Mar 2023 09:17

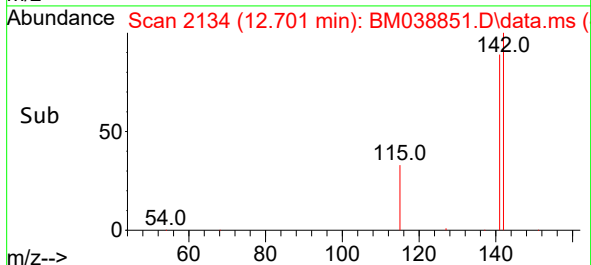
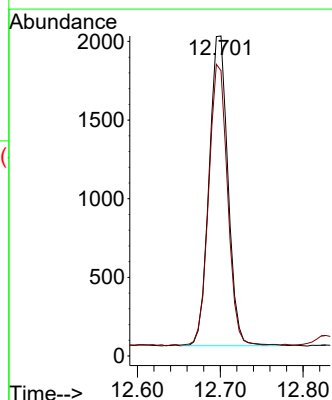
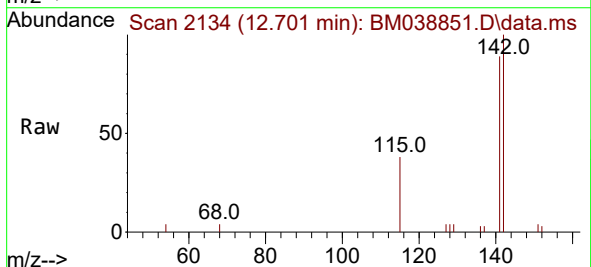
Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

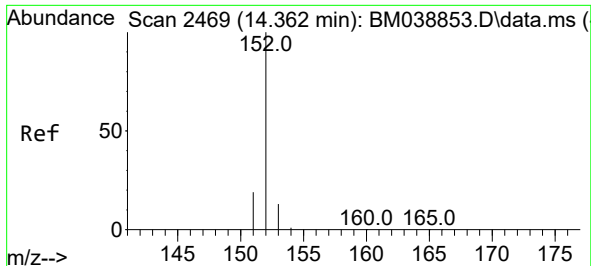
Tgt Ion:142 Resp: 2933
Ion Ratio Lower Upper
142 100
141 89.0 69.9 104.9



#8
1-Methylnaphthalene
Concen: 0.086 ng/ul
RT: 12.701 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BM038851.D
Acq: 03 Mar 2023 09:17

Tgt Ion:142 Resp: 3116
Ion Ratio Lower Upper
142 100
141 91.3 73.5 110.3

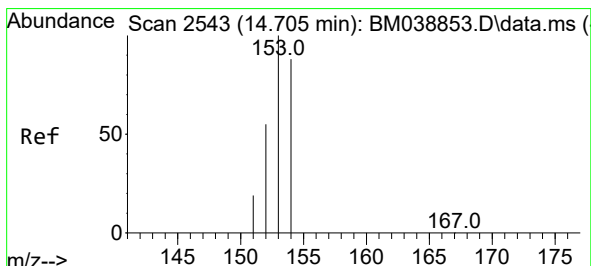
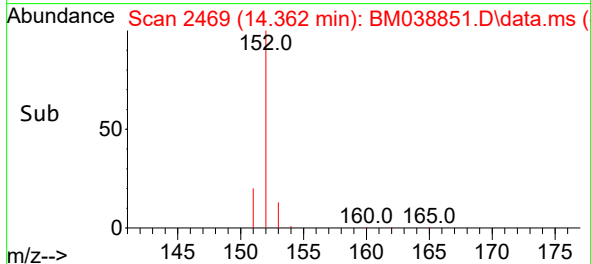
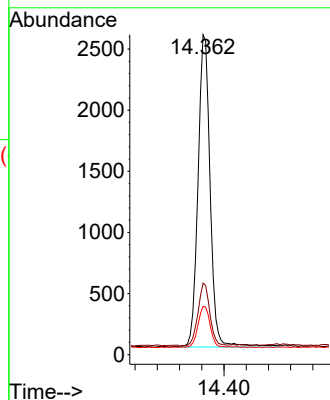
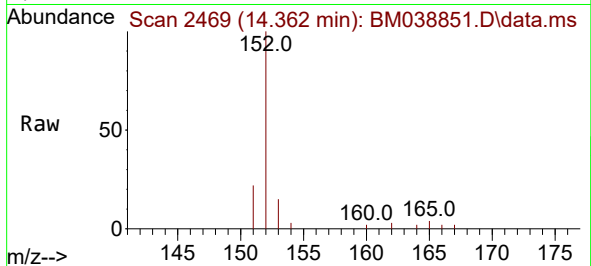




#10
Acenaphthylene
Concen: 0.085 ng/ul
RT: 14.362 min Scan# 2469
Delta R.T. -0.000 min
Lab File: BM038851.D
Acq: 03 Mar 2023 09:17

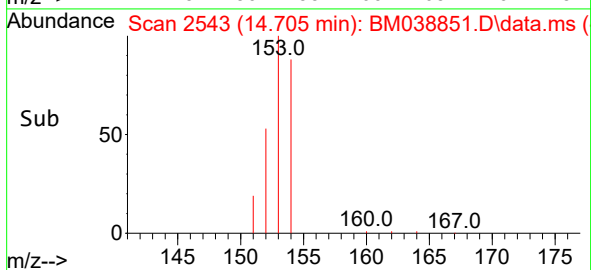
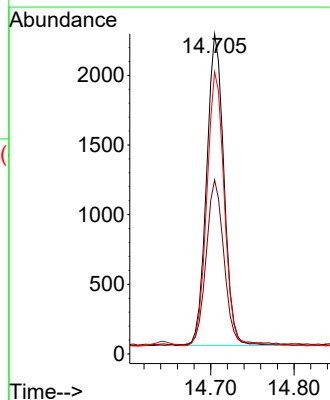
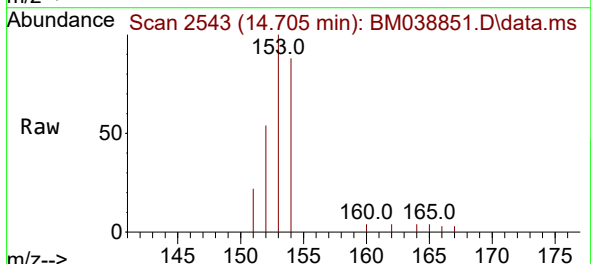
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ClientSampleId :
SSTD0.1001

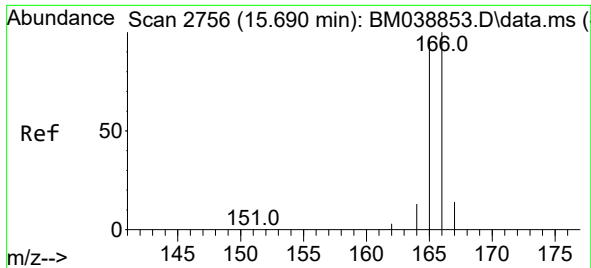
Tgt Ion:152	Resp:	3884
Ion Ratio	Lower	Upper
152	100	
151	22.3	15.6 23.4
153	15.1	10.6 15.8



#11
Acenaphthene
Concen: 0.093 ng/ul
RT: 14.705 min Scan# 2543
Delta R.T. -0.000 min
Lab File: BM038851.D
Acq: 03 Mar 2023 09:17

Tgt Ion:153	Resp:	3229
Ion Ratio	Lower	Upper
153	100	
152	54.4	44.2 66.2
154	88.2	70.6 105.8

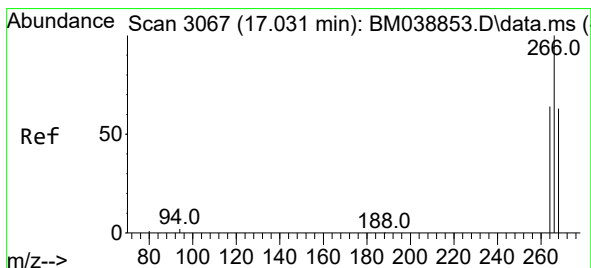
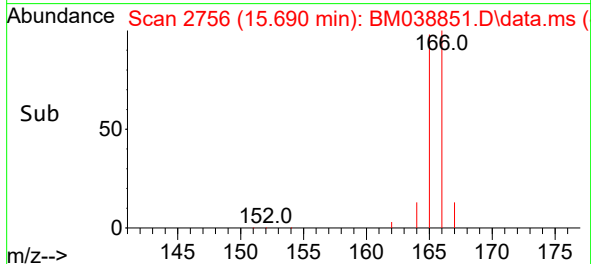
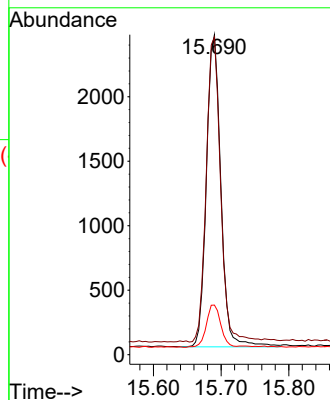
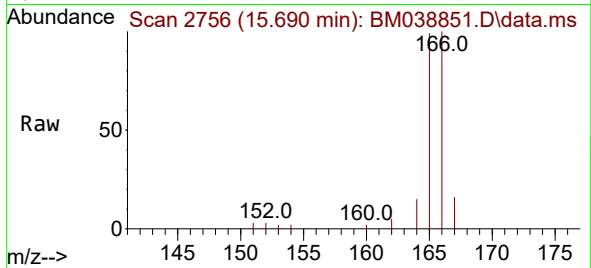




#12
Fluorene
Concen: 0.087 ng/ul
RT: 15.690 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038851.D
Acq: 03 Mar 2023 09:17

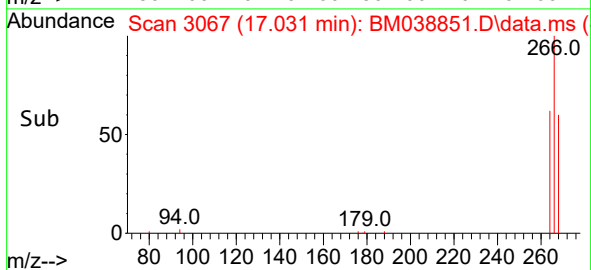
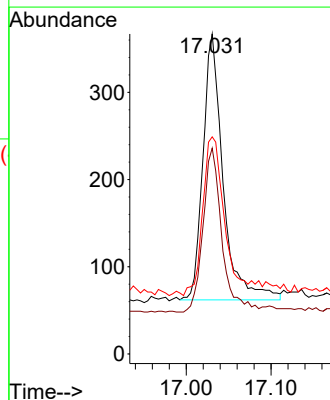
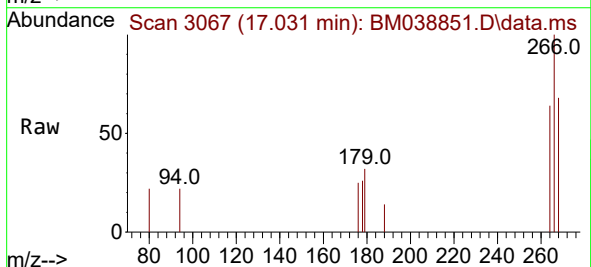
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ClientSampleId :
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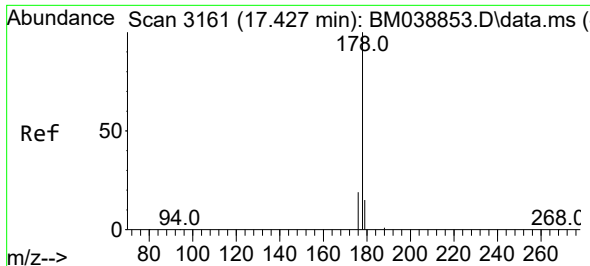
Tgt Ion:166 Resp: 3591
Ion Ratio Lower Upper
166 100
165 99.3 77.8 116.6
167 15.5 11.4 17.2



#14
Pentachlorophenol
Concen: 0.078 ng/ul
RT: 17.031 min Scan# 3067
Delta R.T. 0.000 min
Lab File: BM038851.D
Acq: 03 Mar 2023 09:17

Tgt Ion:266 Resp: 503
Ion Ratio Lower Upper
266 100
264 58.1 50.2 75.2
268 70.4 50.2 75.4

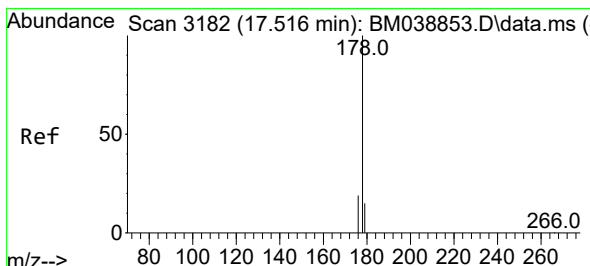
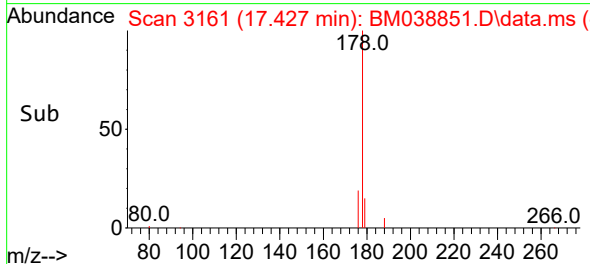
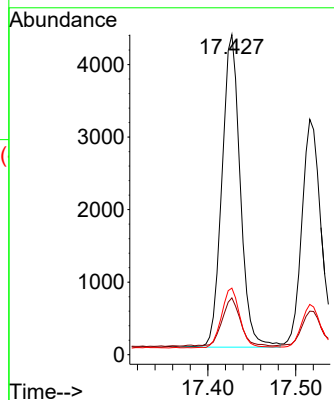
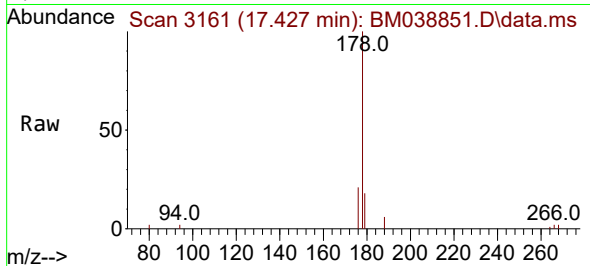




#15
Phenanthrene
Concen: 0.090 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. -0.000 min
Lab File: BM038851.D
Acq: 03 Mar 2023 09:17

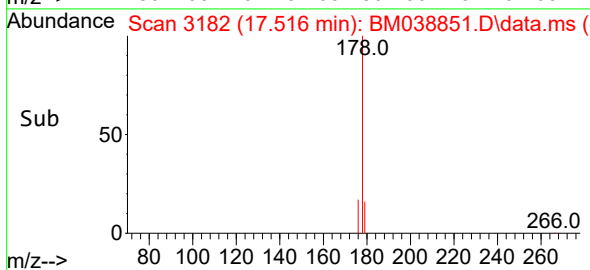
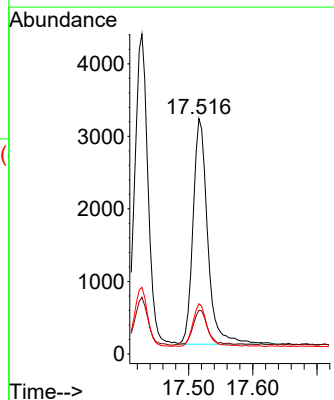
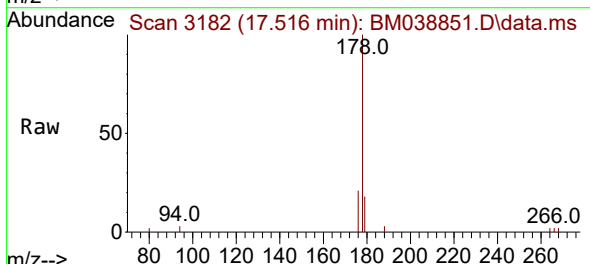
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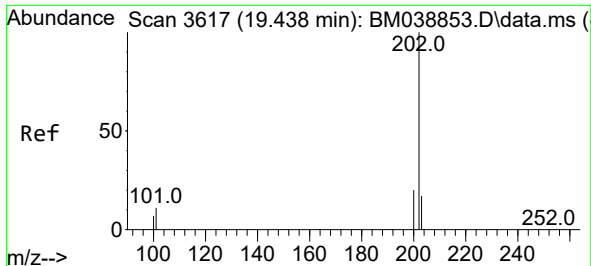
Tgt Ion:178 Resp: 6216
Ion Ratio Lower Upper
178 100
179 17.7 12.7 19.1
176 20.8 15.9 23.9



#16
Anthracene
Concen: 0.077 ng/ul
RT: 17.516 min Scan# 3182
Delta R.T. -0.000 min
Lab File: BM038851.D
Acq: 03 Mar 2023 09:17

Tgt Ion:178 Resp: 4921
Ion Ratio Lower Upper
178 100
179 18.5 13.0 19.6
176 21.4 15.4 23.2

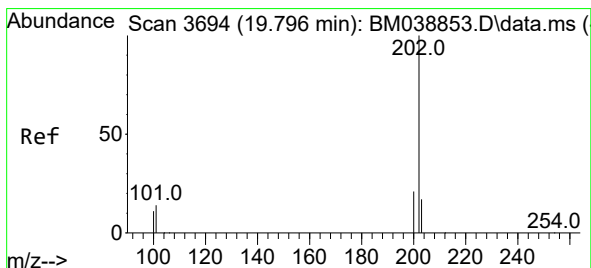
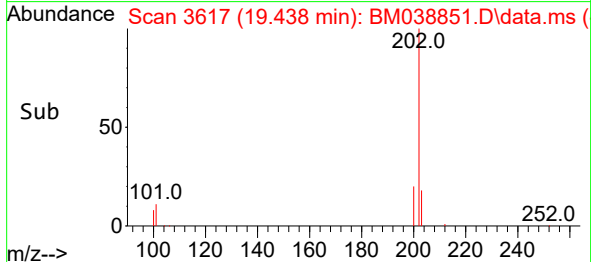
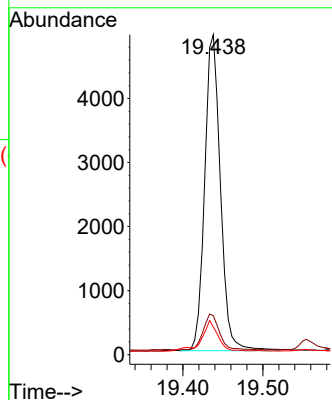
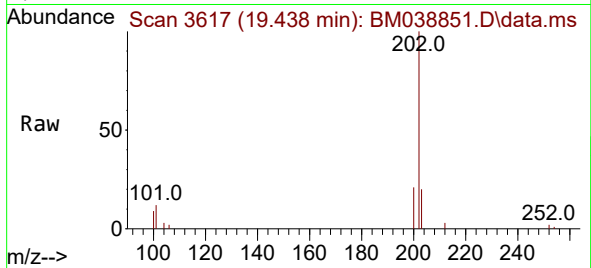




#19
Fluoranthene
Concen: 0.087 ng/ul
RT: 19.438 min Scan# 3617
Delta R.T. -0.000 min
Lab File: BM038851.D
Acq: 03 Mar 2023 09:17

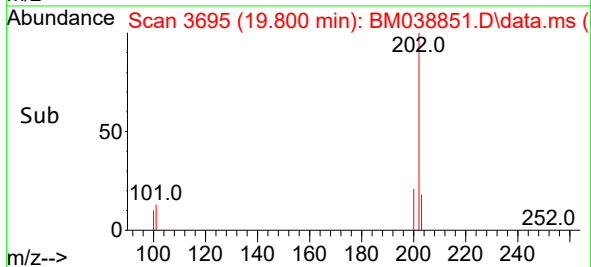
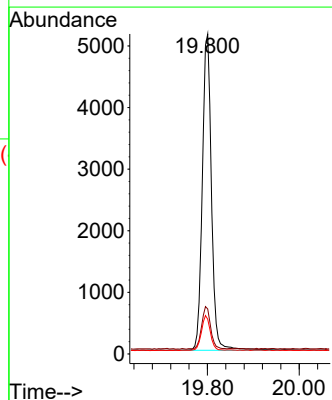
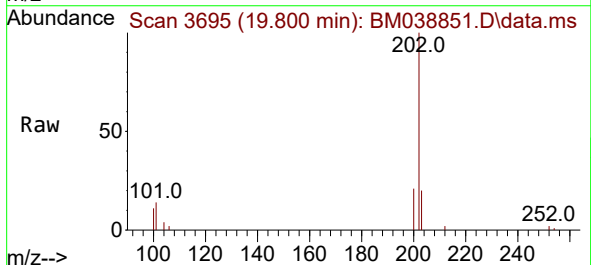
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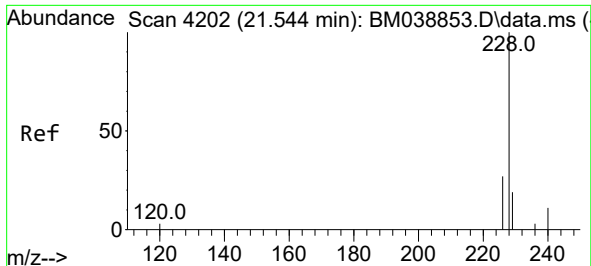
Tgt Ion:202 Resp: 6773
Ion Ratio Lower Upper
202 100
101 12.2 8.9 13.3
100 8.7 6.8 10.2



#20
Pyrene
Concen: 0.085 ng/ul
RT: 19.800 min Scan# 3695
Delta R.T. 0.005 min
Lab File: BM038851.D
Acq: 03 Mar 2023 09:17

Tgt Ion:202 Resp: 7105
Ion Ratio Lower Upper
202 100
101 14.1 11.2 16.8
100 10.8 9.0 13.6

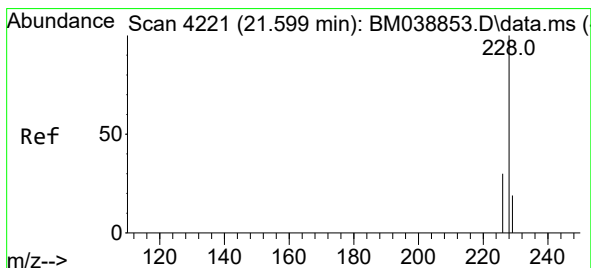
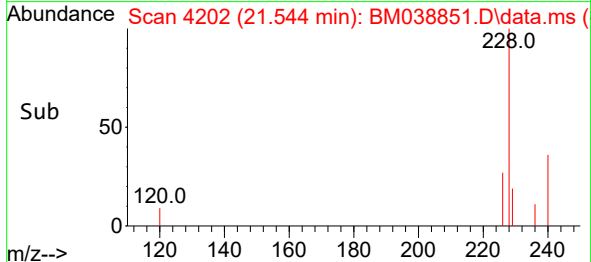
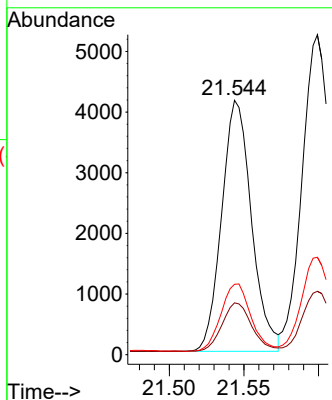
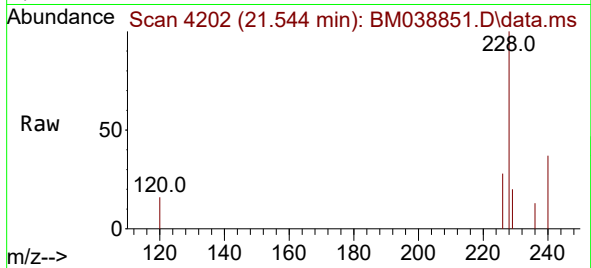




#21
Benzo(a)anthracene
Concen: 0.087 ng/ul
RT: 21.544 min Scan# 4202
Delta R.T. -0.000 min
Lab File: BM038851.D
Acq: 03 Mar 2023 09:17

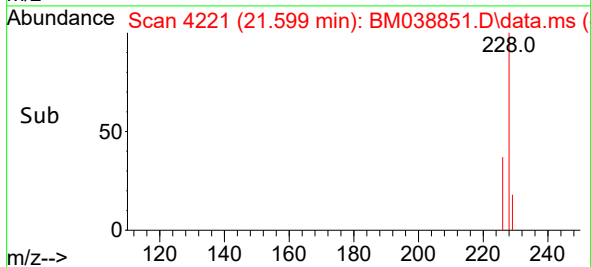
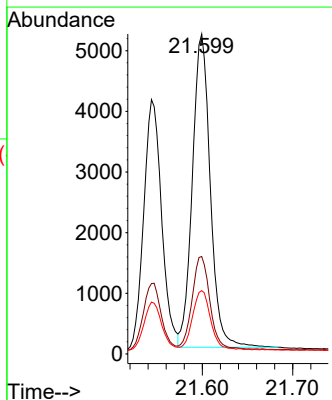
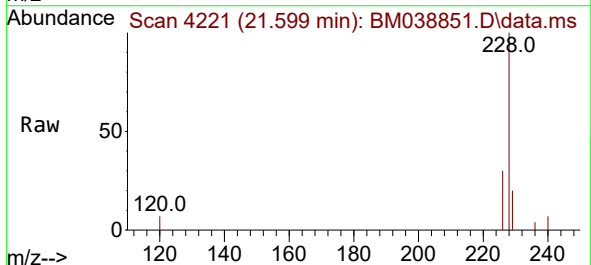
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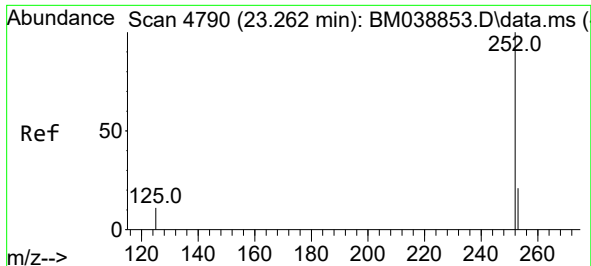
Tgt Ion:228 Resp: 5758
Ion Ratio Lower Upper
228 100
229 20.4 15.6 23.4
226 27.7 22.0 33.0



#22
Chrysene
Concen: 0.103 ng/ul
RT: 21.599 min Scan# 4221
Delta R.T. -0.000 min
Lab File: BM038851.D
Acq: 03 Mar 2023 09:17

Tgt Ion:228 Resp: 7107
Ion Ratio Lower Upper
228 100
226 30.5 24.0 36.0
229 19.8 15.7 23.5

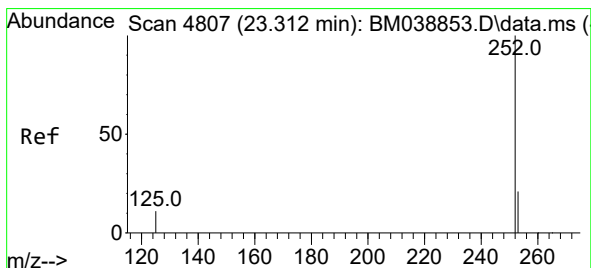
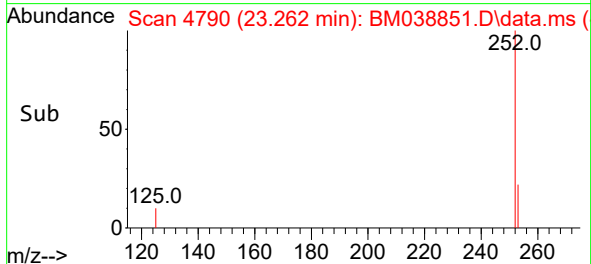
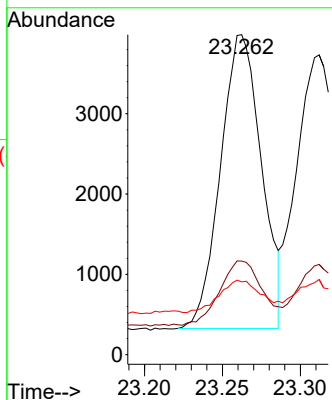
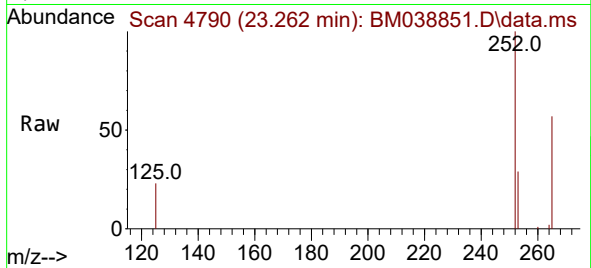




#24
Benzo(b)fluoranthene
Concen: 0.105 ng/ul
RT: 23.262 min Scan# 4790
Delta R.T. -0.000 min
Lab File: BM038851.D
Acq: 03 Mar 2023 09:17

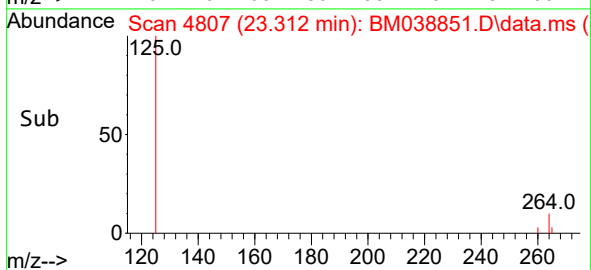
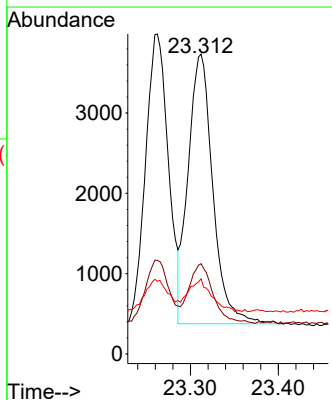
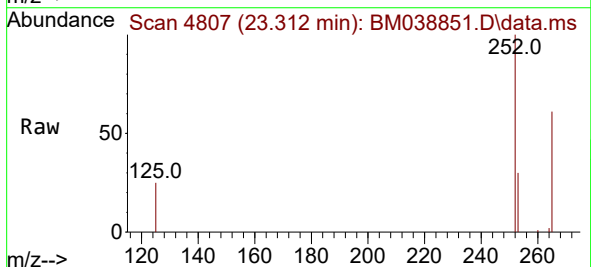
Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

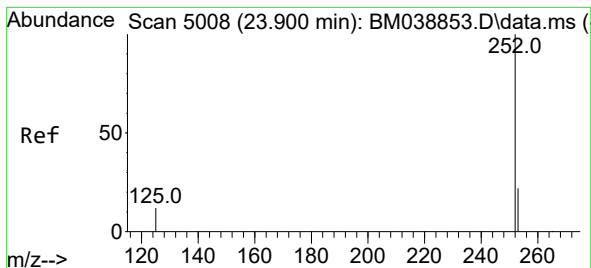
Tgt Ion:252 Resp: 6678
Ion Ratio Lower Upper
252 100
253 29.3 0.0 47.6
125 22.7 0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.104 ng/ul
RT: 23.312 min Scan# 4807
Delta R.T. -0.000 min
Lab File: BM038851.D
Acq: 03 Mar 2023 09:17

Tgt Ion:252 Resp: 6577
Ion Ratio Lower Upper
252 100
253 30.1 19.2 28.8#
125 25.1 11.8 17.6#





#26

Benzo(a)pyrene

Concen: 0.091 ng/ul

RT: 23.903 min Scan# 5009

Delta R.T. 0.003 min

Lab File: BM038851.D

Acq: 03 Mar 2023 09:17

Instrument :

BNA_M

ClientSampleId :

SSTD0.1001

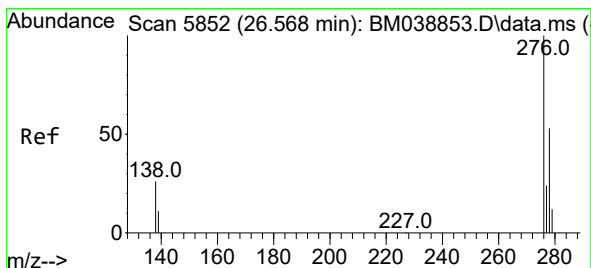
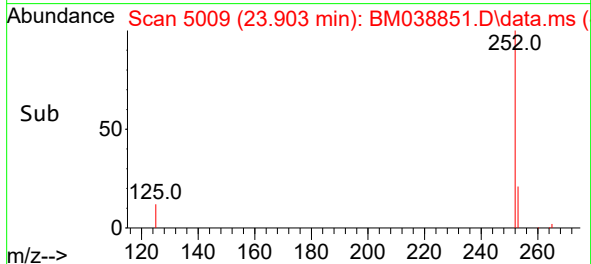
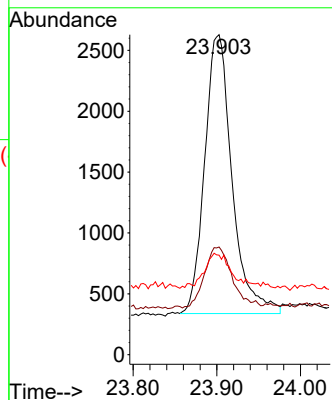
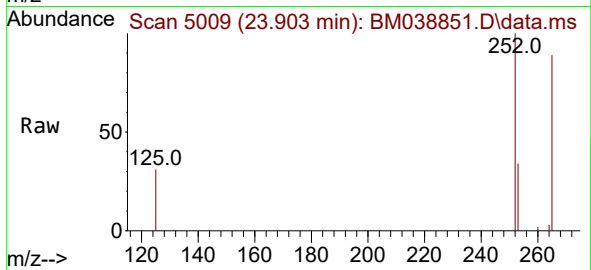
Tgt Ion:252 Resp: 5215

Ion Ratio Lower Upper

252 100

253 33.6 20.3 30.5#

125 31.1 14.0 21.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.074 ng/ul

RT: 26.561 min Scan# 5850

Delta R.T. -0.007 min

Lab File: BM038851.D

Acq: 03 Mar 2023 09:17

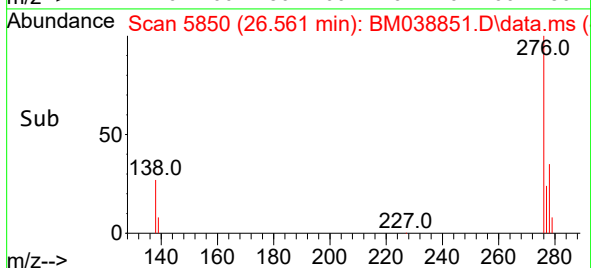
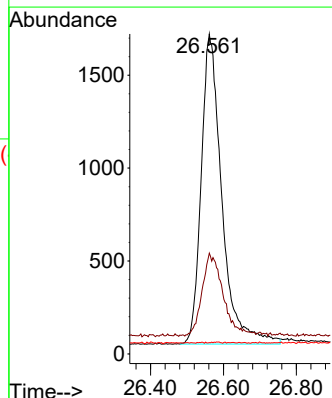
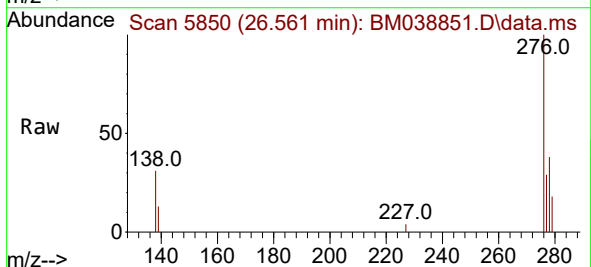
Tgt Ion:276 Resp: 6552

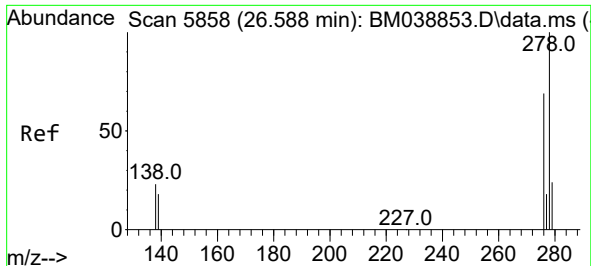
Ion Ratio Lower Upper

276 100

138 27.2 22.2 33.4

227 0.0 0.2 0.2#

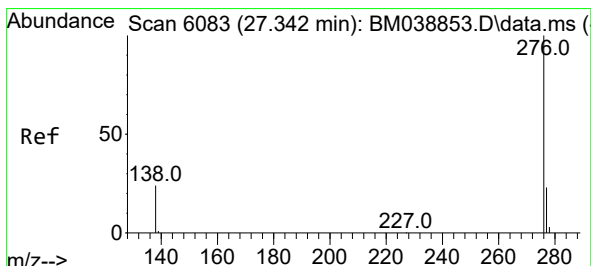
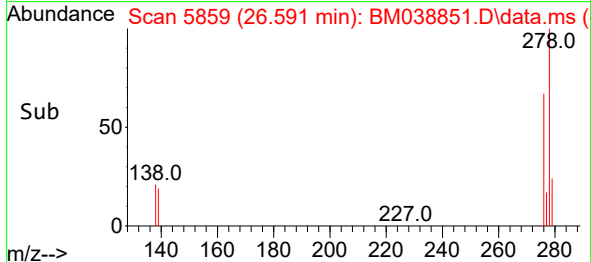
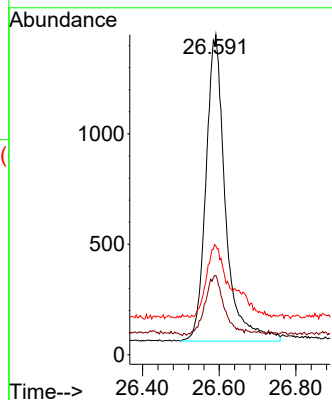
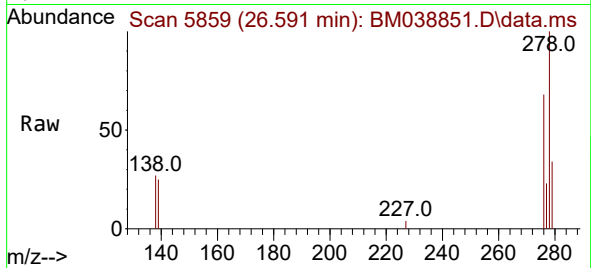




#28
Dibenzo(a,h)anthracene
Concen: 0.070 ng/ul
RT: 26.591 min Scan# 5859
Delta R.T. 0.003 min
Lab File: BM038851.D
Acq: 03 Mar 2023 09:17

Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

Tgt Ion:278 Resp: 4902
Ion Ratio Lower Upper
278 100
139 24.8 16.0 24.0#
279 34.0 21.8 32.6#



#29
Benzo(g,h,i)perylene
Concen: 0.078 ng/ul
RT: 27.342 min Scan# 6083
Delta R.T. 0.000 min
Lab File: BM038851.D
Acq: 03 Mar 2023 09:17

Tgt Ion:276 Resp: 6179
Ion Ratio Lower Upper
276 100
138 29.7 20.2 30.4
277 28.2 19.8 29.8

