

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030623\
 Data File : BM038869.D
 Acq On : 06 Mar 2023 13:11
 Operator : CG/JU
 Sample : SP6144
 Misc : SFAM SIM SURROGATE
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP6144

Quant Time: Mar 07 02:27:27 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 22:01:14 2023
 Response via : Initial Calibration

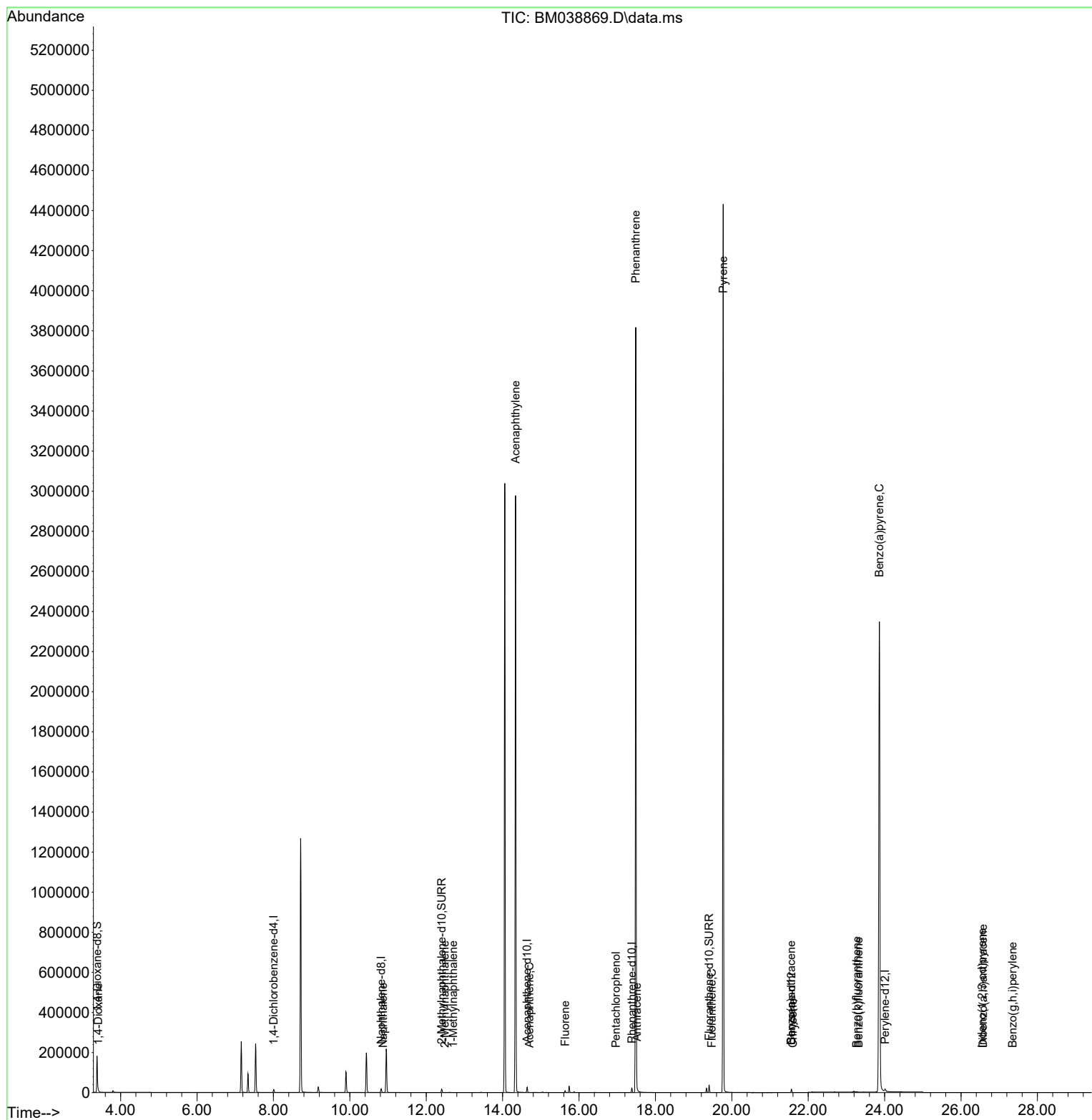
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.008	152	7240	0.400	ng/ul	0.00
4) Naphthalene-d8	10.822	136	24804	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.642	164	13977	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.383	188	25515	0.400	ng/ul	0.00
17) Chrysene-d12	21.561	240	16733	0.400	ng/ul	0.00
23) Perylene-d12	24.011	264	19582	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.384	96	122724	14.981	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.406	152	22709	0.757	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	39226	0.985	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.413	88	104	0.013	ng/ul#	58
5) Naphthalene	10.871	128	97	0.002	ng/ul#	1
7) 2-Methylnaphthalene	12.483	142	36	0.001	ng/ul	98
8) 1-Methylnaphthalene	12.703	142	52	0.001	ng/ul#	44
10) Acenaphthylene	14.341	152	378	0.007	ng/ul#	1
11) Acenaphthene	14.702	153	37	0.001	ng/ul#	62
12) Fluorene	15.636	166	8211	0.174	ng/ul#	12
14) Pentachlorophenol	16.969	266	3	0.000	ng/ul	95
15) Phenanthrene	17.484	178	1756	0.026	ng/ul#	1
16) Anthracene	17.518	178	669	0.012	ng/ul#	60
19) Fluoranthene	19.472	202	4	0.000	ng/ul#	1
20) Pyrene	19.775	202	6935	0.119	ng/ul#	1
21) Benzo(a)anthracene	21.556	228	89	0.002	ng/ul#	18
22) Chrysene	21.596	228	79	0.001	ng/ul#	20
24) Benzo(b)fluoranthene	23.268	252	142	0.002	ng/ul#	1
25) Benzo(k)fluoranthene	23.315	252	83	0.001	ng/ul#	1
26) Benzo(a)pyrene	23.862	252	14580	0.239	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.554	276	21	0.000	ng/ul#	71
28) Dibenzo(a,h)anthracene	26.578	278	46	0.001	ng/ul#	1
29) Benzo(g,h,i)perylene	27.346	276	31	0.000	ng/ul#	1

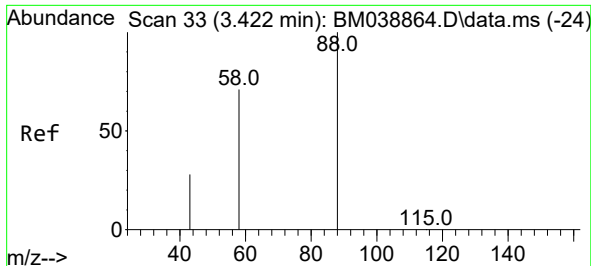
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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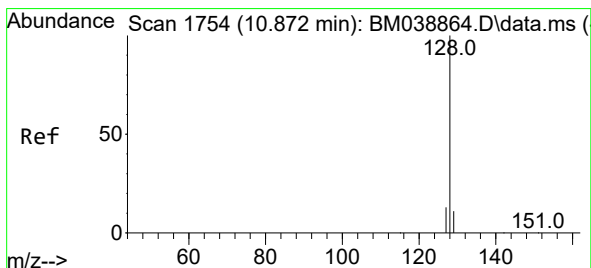
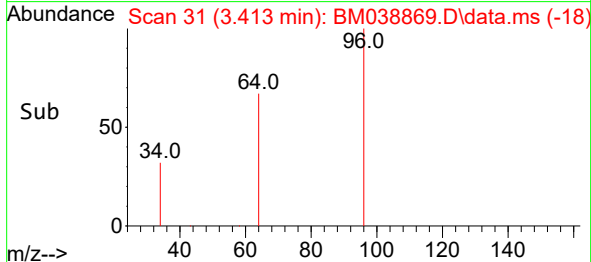
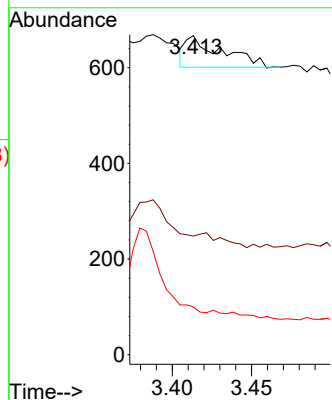
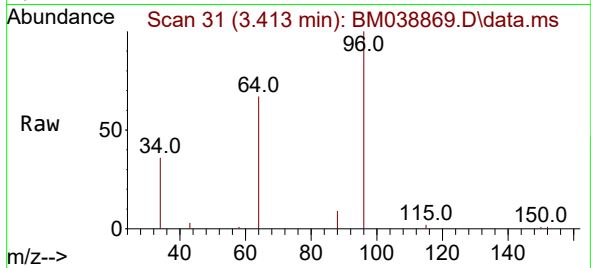




#2
1,4-Dioxane
Concen: 0.013 ng/ul
RT: 3.413 min Scan# 31
Delta R.T. -0.007 min
Lab File: BM038869.D
Acq: 06 Mar 2023 13:11

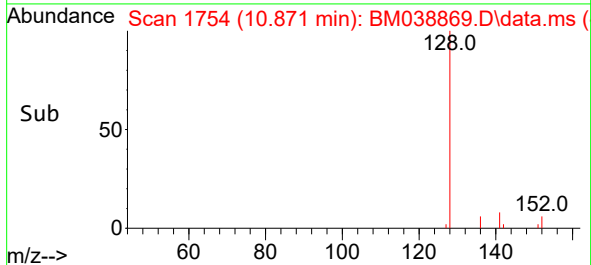
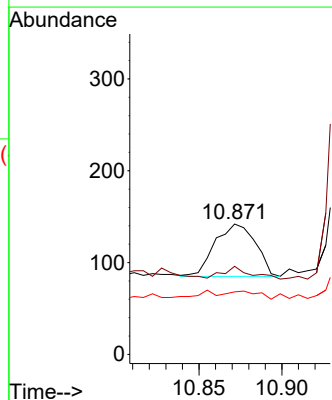
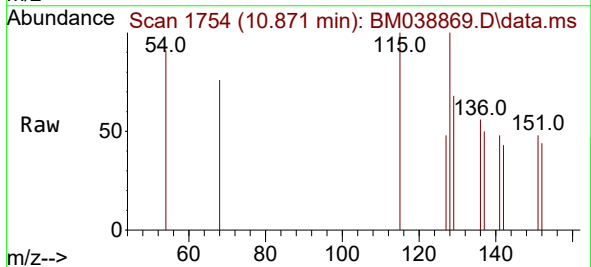
Instrument :
BNA_M
ClientSampleId :
SP6144

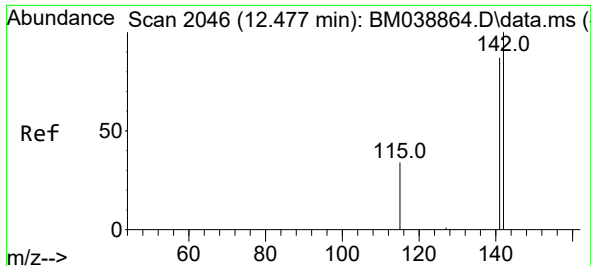
Tgt Ion: 88 Resp: 104
Ion Ratio Lower Upper
88 100
43 37.2 27.2 40.8
58 15.0 50.8 76.2#



#5
Naphthalene
Concen: 0.002 ng/ul
RT: 10.871 min Scan# 1754
Delta R.T. -0.004 min
Lab File: BM038869.D
Acq: 06 Mar 2023 13:11

Tgt Ion: 128 Resp: 97
Ion Ratio Lower Upper
128 100
129 67.6 9.1 13.7#
127 47.9 10.3 15.5#

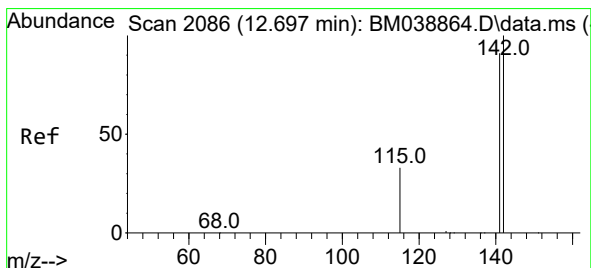
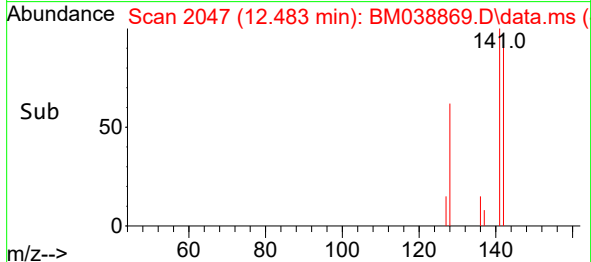
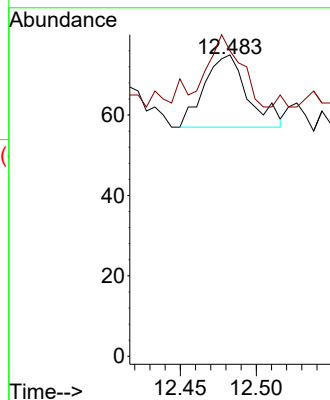
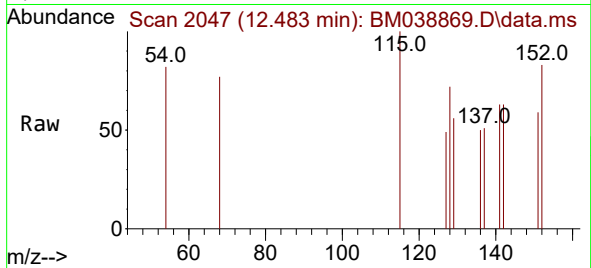




#7
2-Methylnaphthalene
Concen: 0.001 ng/ul
RT: 12.483 min Scan# 2047
Delta R.T. 0.002 min
Lab File: BM038869.D
Acq: 06 Mar 2023 13:11

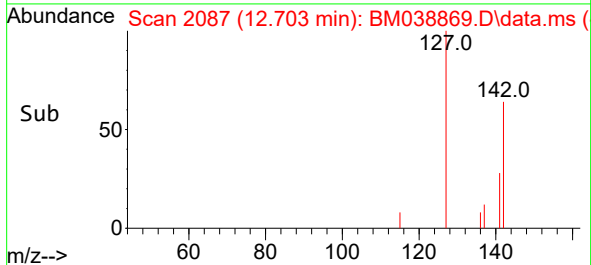
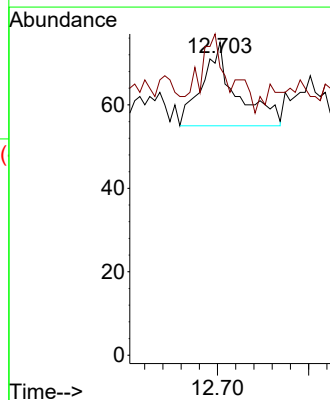
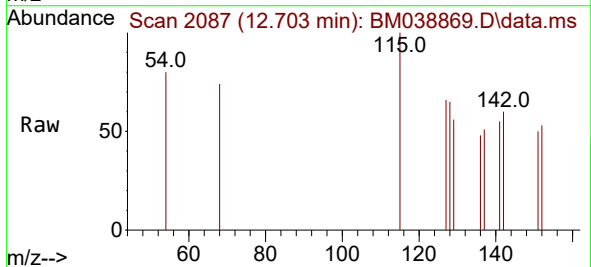
Instrument :
BNA_M
ClientSampleId :
SP6144

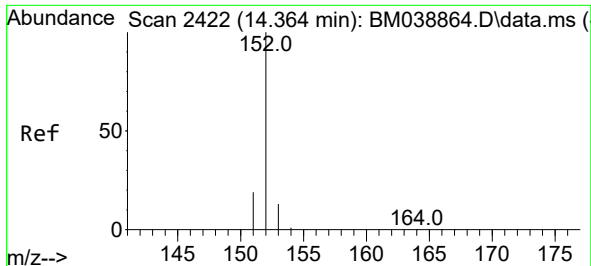
Tgt Ion:142 Resp: 36
Ion Ratio Lower Upper
142 100
141 88.9 69.9 104.9



#8
1-Methylnaphthalene
Concen: 0.001 ng/ul
RT: 12.703 min Scan# 2087
Delta R.T. 0.002 min
Lab File: BM038869.D
Acq: 06 Mar 2023 13:11

Tgt Ion:142 Resp: 52
Ion Ratio Lower Upper
142 100
141 38.5 73.5 110.3#

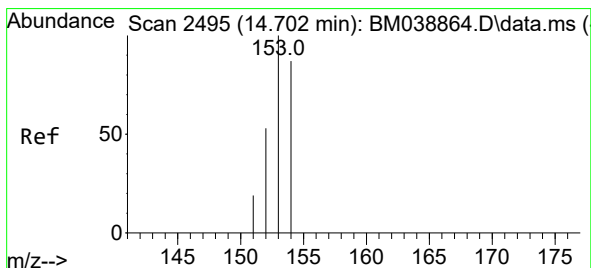
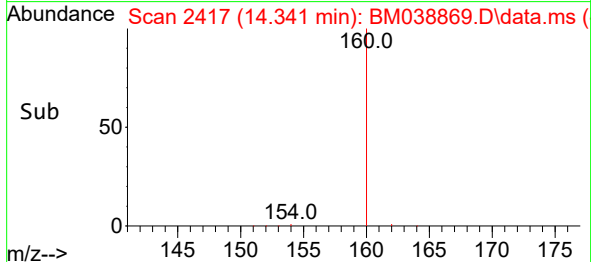
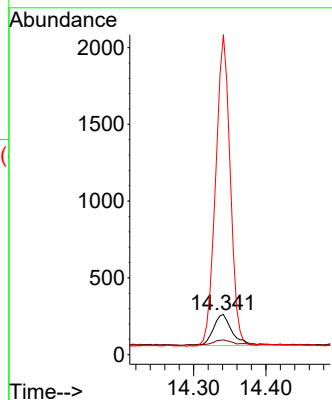
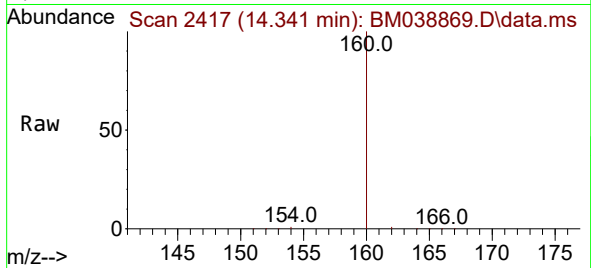




#10
Acenaphthylene
Concen: 0.007 ng/ul
RT: 14.341 min Scan# 2417
Delta R.T. -0.021 min
Lab File: BM038869.D
Acq: 06 Mar 2023 13:11

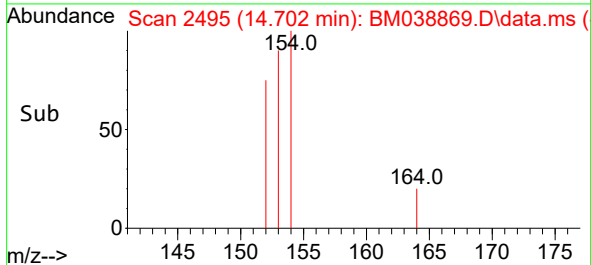
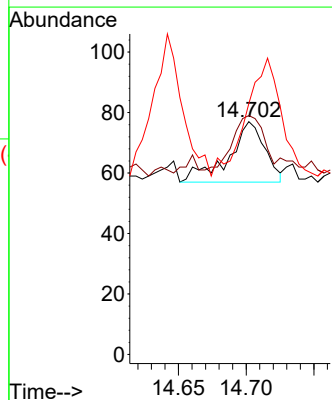
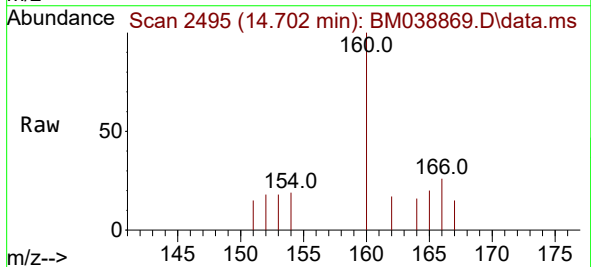
Instrument :
BNA_M
ClientSampleId :
SP6144

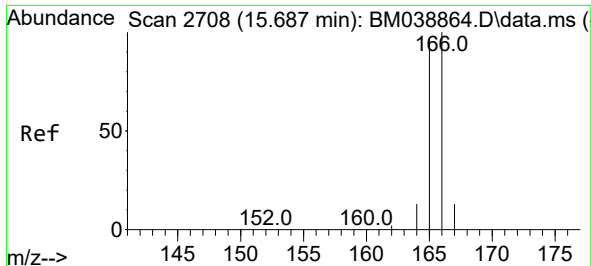
Tgt Ion:152 Resp: 378
Ion Ratio Lower Upper
152 100
151 36.4 15.6 23.4#
153 798.5 10.6 15.8#



#11
Acenaphthene
Concen: 0.001 ng/ul
RT: 14.702 min Scan# 2495
Delta R.T. -0.003 min
Lab File: BM038869.D
Acq: 06 Mar 2023 13:11

Tgt Ion:153 Resp: 37
Ion Ratio Lower Upper
153 100
152 102.6 44.2 66.2#
154 107.8 70.6 105.8#

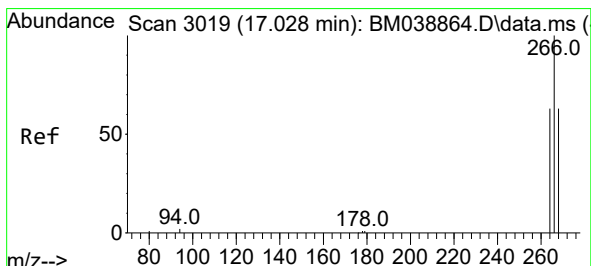
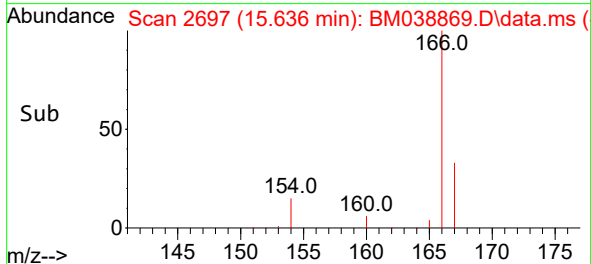
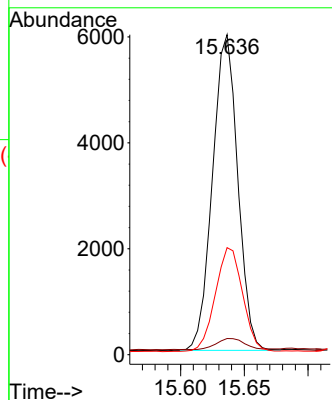
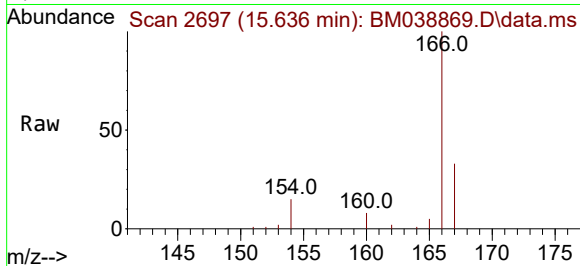




#12
Fluorene
Concen: 0.174 ng/ul
RT: 15.636 min Scan# 2
Delta R.T. -0.054 min
Lab File: BM038869.D
Acq: 06 Mar 2023 13:11

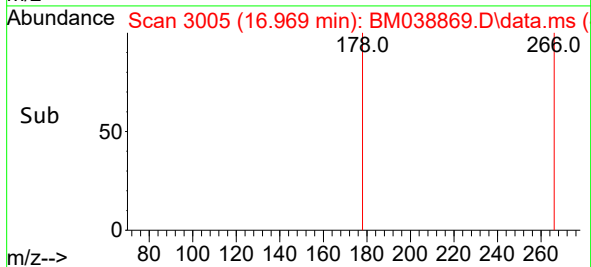
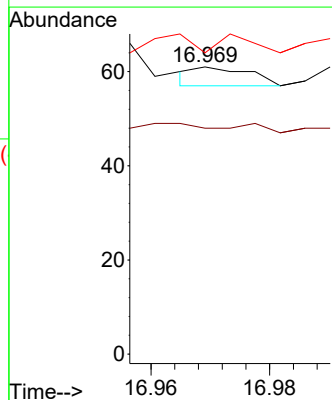
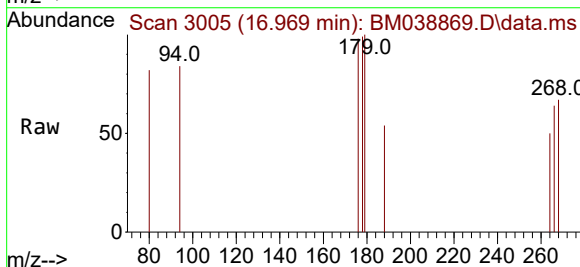
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ClientSampleId :
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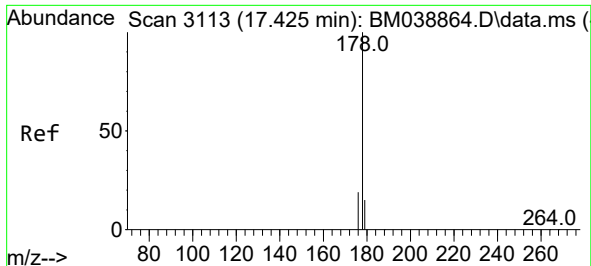
Tgt Ion:166 Resp: 8211
Ion Ratio Lower Upper
166 100
165 5.1 77.8 116.6#
167 33.5 11.4 17.2#



#14
Pentachlorophenol
Concen: 0.000 ng/ul
RT: 16.969 min Scan# 3005
Delta R.T. -0.061 min
Lab File: BM038869.D
Acq: 06 Mar 2023 13:11

Tgt Ion:266 Resp: 3
Ion Ratio Lower Upper
266 100
264 66.7 50.2 75.2
268 66.7 50.2 75.4

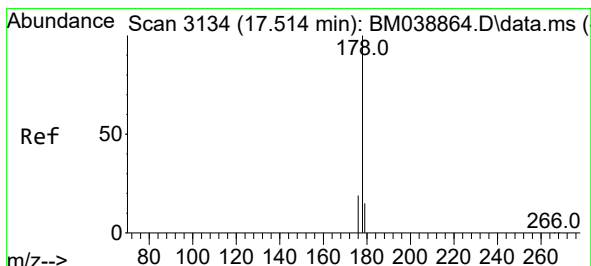
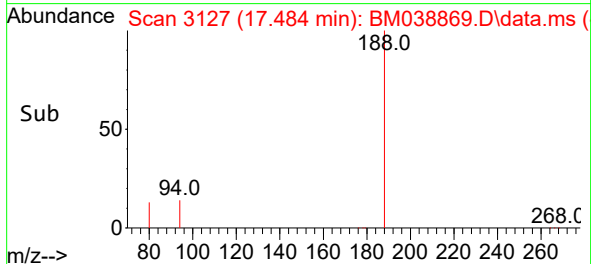
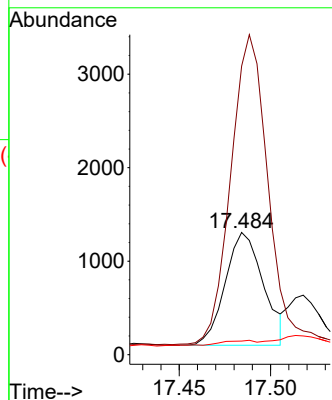
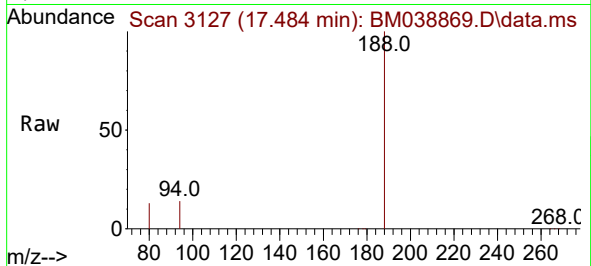




#15
Phenanthrene
Concen: 0.026 ng/ul
RT: 17.484 min Scan# 3113
Delta R.T. 0.057 min
Lab File: BM038869.D
Acq: 06 Mar 2023 13:11

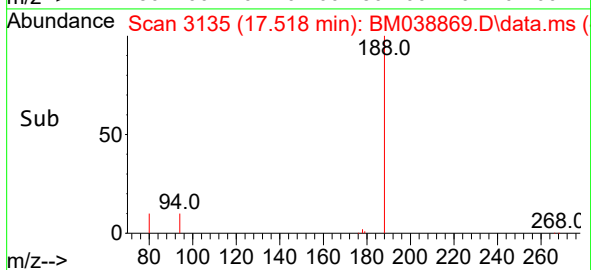
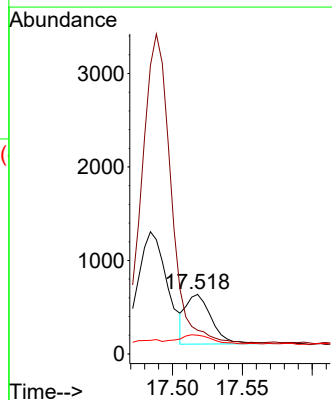
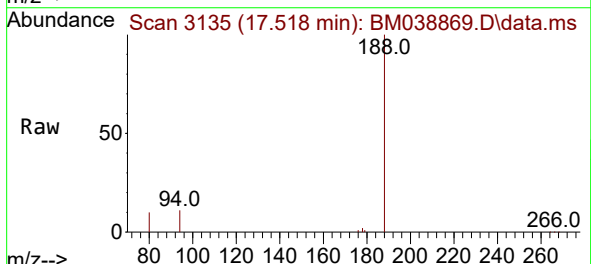
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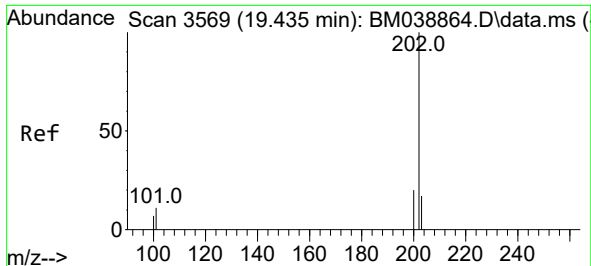
Tgt Ion:178 Resp: 1756
Ion Ratio Lower Upper
178 100
179 236.2 12.7 19.1#
176 11.2 15.9 23.9#



#16
Anthracene
Concen: 0.012 ng/ul
RT: 17.518 min Scan# 3135
Delta R.T. 0.002 min
Lab File: BM038869.D
Acq: 06 Mar 2023 13:11

Tgt Ion:178 Resp: 669
Ion Ratio Lower Upper
178 100
179 39.7 13.0 19.6#
176 31.4 15.4 23.2#

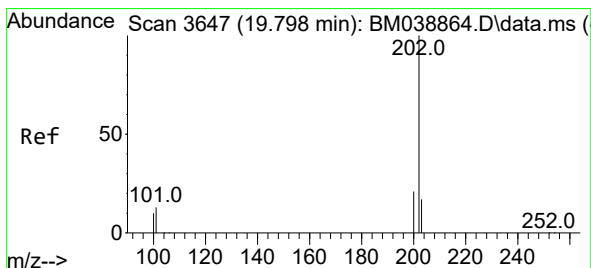
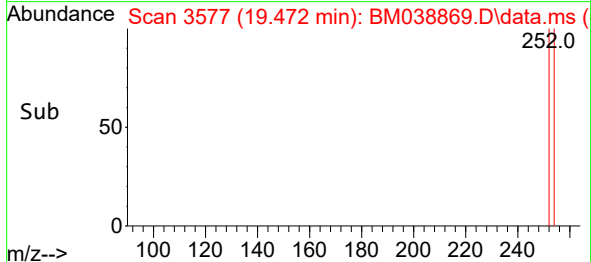
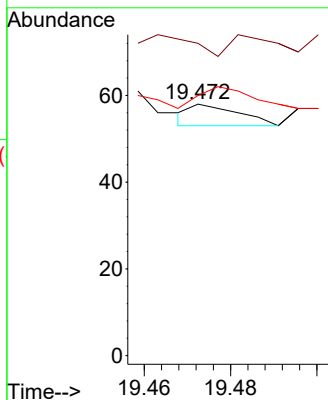
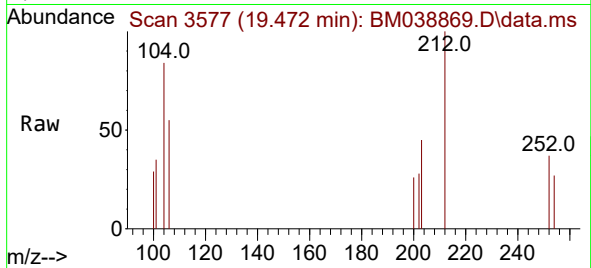




#19
Fluoranthene
Concen: 0.000 ng/ul
RT: 19.472 min Scan# 3569
Delta R.T. 0.034 min
Lab File: BM038869.D
Acq: 06 Mar 2023 13:11

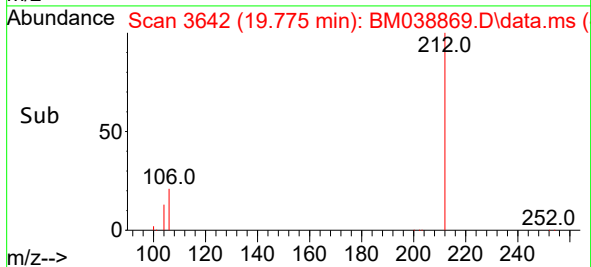
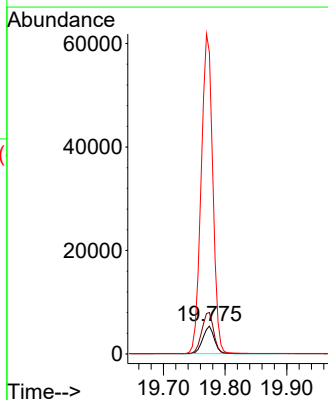
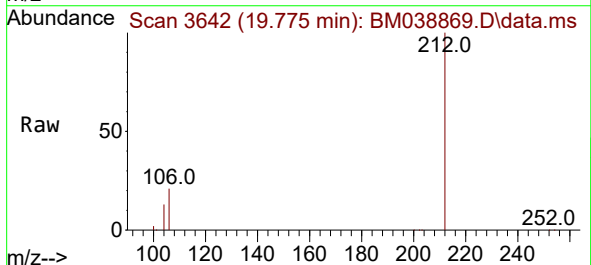
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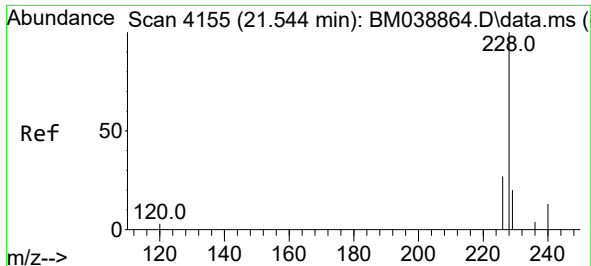
Tgt Ion:202 Resp: 4
Ion Ratio Lower Upper
202 100
101 124.1 8.9 13.3#
100 103.4 6.8 10.2#



#20
Pyrene
Concen: 0.119 ng/ul
RT: 19.775 min Scan# 3642
Delta R.T. -0.021 min
Lab File: BM038869.D
Acq: 06 Mar 2023 13:11

Tgt Ion:202 Resp: 6935
Ion Ratio Lower Upper
202 100
101 149.1 11.2 16.8#
100 1082.8 9.0 13.6#

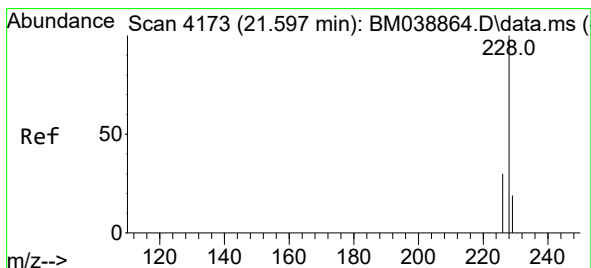
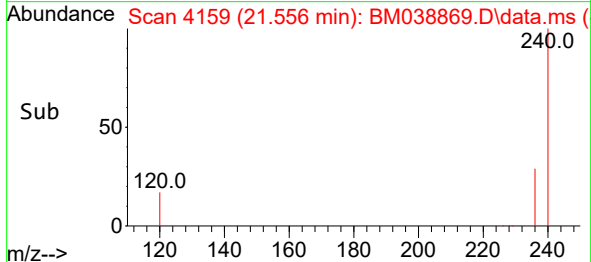
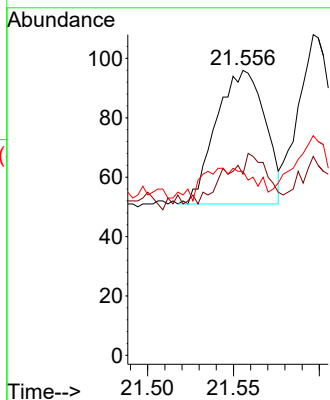
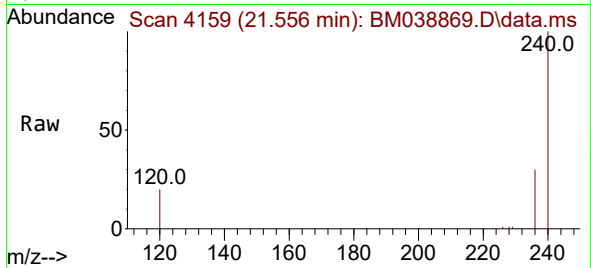




#21
Benzo(a)anthracene
Concen: 0.002 ng/ul
RT: 21.556 min Scan# 4155
Delta R.T. 0.012 min
Lab File: BM038869.D
Acq: 06 Mar 2023 13:11

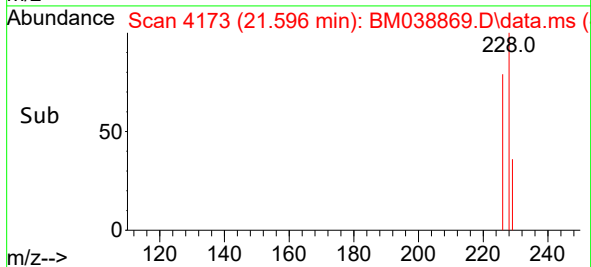
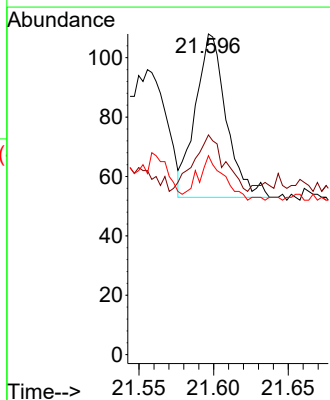
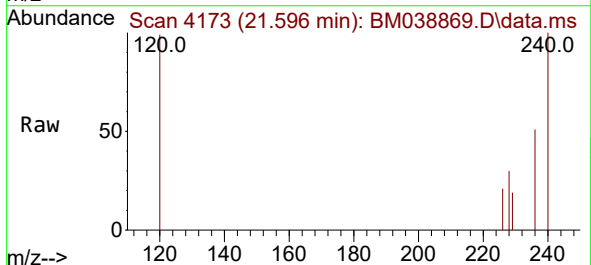
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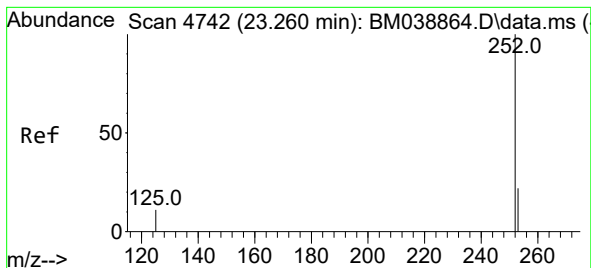
Tgt Ion:228 Resp: 89
Ion Ratio Lower Upper
228 100
229 63.5 15.6 23.4#
226 64.6 22.0 33.0#



#22
Chrysene
Concen: 0.001 ng/ul
RT: 21.596 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BM038869.D
Acq: 06 Mar 2023 13:11

Tgt Ion:228 Resp: 79
Ion Ratio Lower Upper
228 100
226 68.5 24.0 36.0#
229 62.0 15.7 23.5#





#24

Benzo(b)fluoranthene

Concen: 0.002 ng/ul

RT: 23.268 min Scan# 4742

Delta R.T. 0.006 min

Lab File: BM038869.D

Acq: 06 Mar 2023 13:11

Instrument :

BNA_M

ClientSampleId :

SP6144

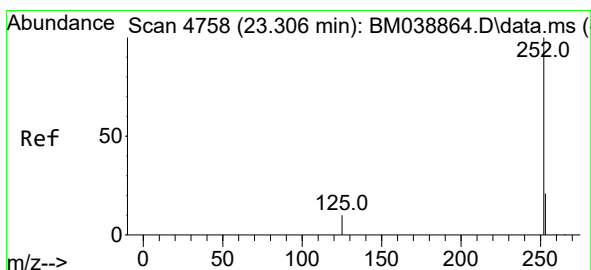
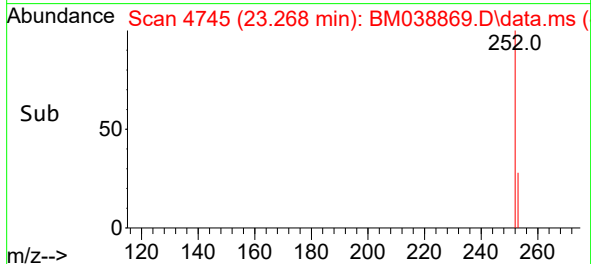
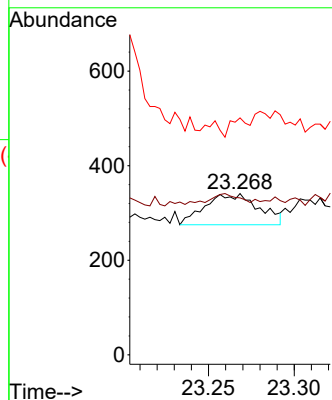
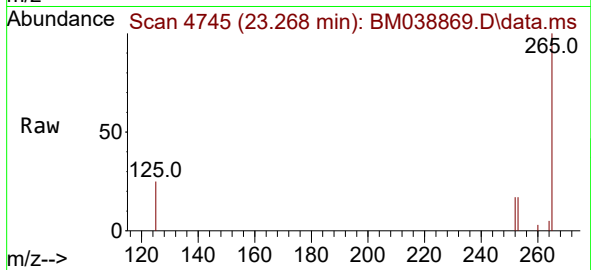
Tgt Ion:252 Resp: 142

Ion Ratio Lower Upper

252 100

253 97.4 0.0 47.6#

125 146.9 0.0 29.2#



#25

Benzo(k)fluoranthene

Concen: 0.001 ng/ul

RT: 23.315 min Scan# 4761

Delta R.T. 0.003 min

Lab File: BM038869.D

Acq: 06 Mar 2023 13:11

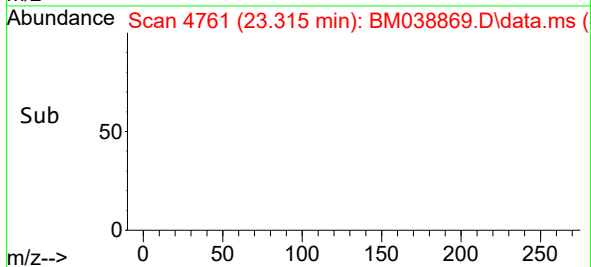
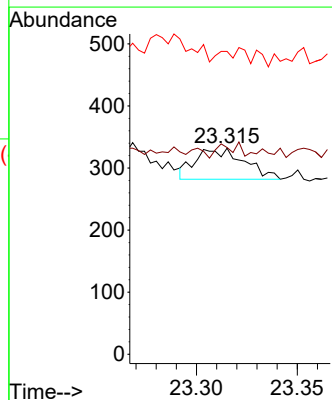
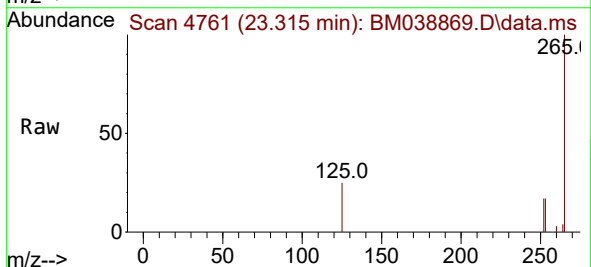
Tgt Ion:252 Resp: 83

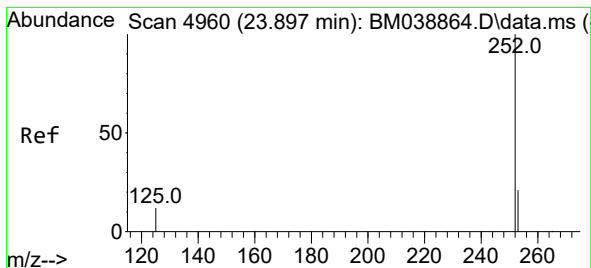
Ion Ratio Lower Upper

252 100

253 100.3 19.2 28.8#

125 147.0 11.8 17.6#





#26

Benzo(a)pyrene

Concen: 0.239 ng/ul

RT: 23.862 min Scan# 4948

Delta R.T. -0.038 min

Lab File: BM038869.D

Acq: 06 Mar 2023 13:11

Instrument :

BNA_M

ClientSampleId :

SP6144

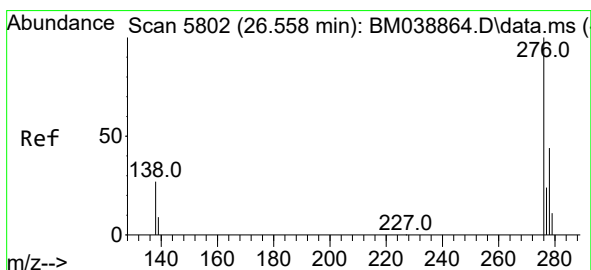
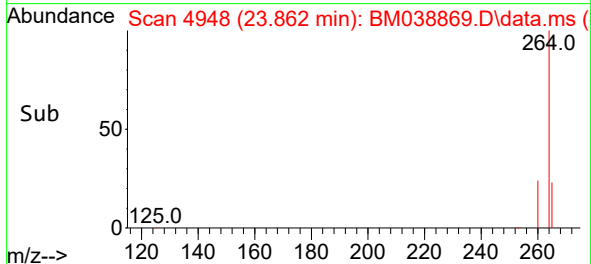
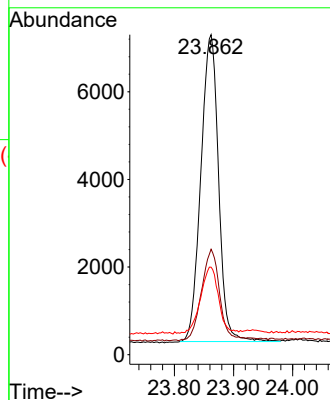
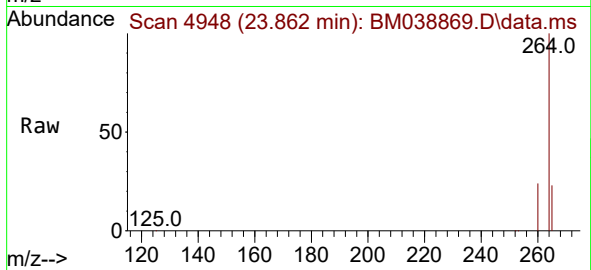
Tgt Ion:252 Resp: 14580

Ion Ratio Lower Upper

252 100

253 33.0 20.3 30.5#

125 27.4 14.0 21.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.000 ng/ul

RT: 26.554 min Scan# 5801

Delta R.T. -0.013 min

Lab File: BM038869.D

Acq: 06 Mar 2023 13:11

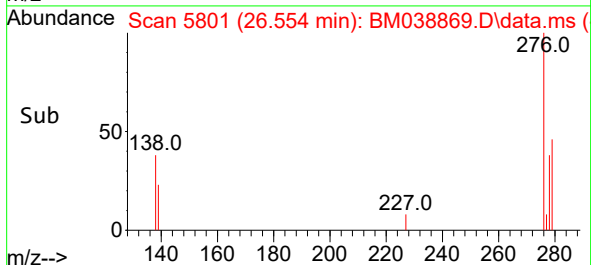
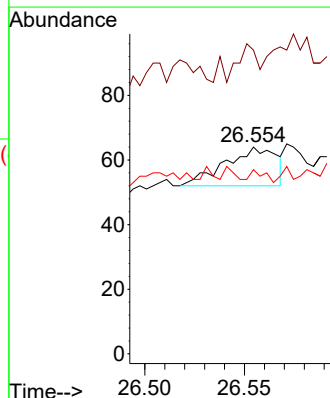
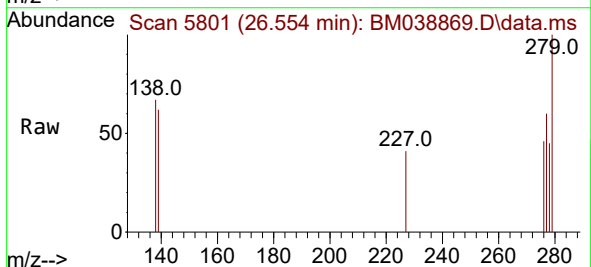
Tgt Ion:276 Resp: 21

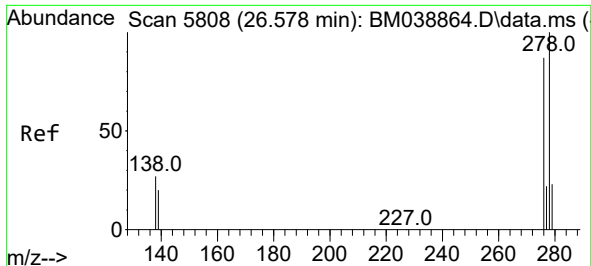
Ion Ratio Lower Upper

276 100

138 42.9 22.2 33.4#

227 9.5 0.2 0.2#

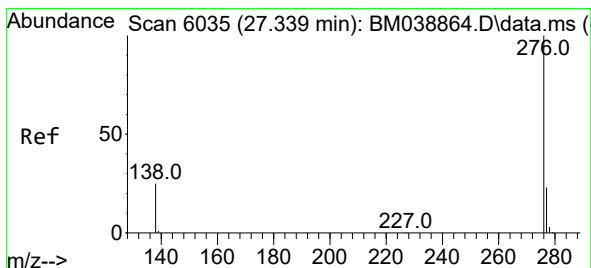
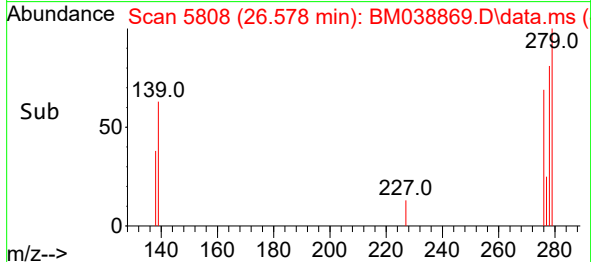
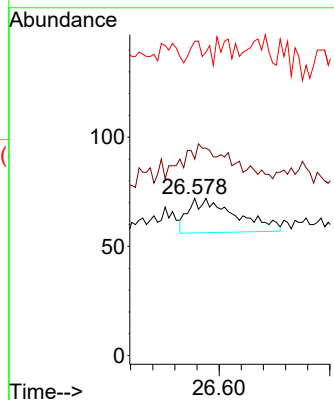
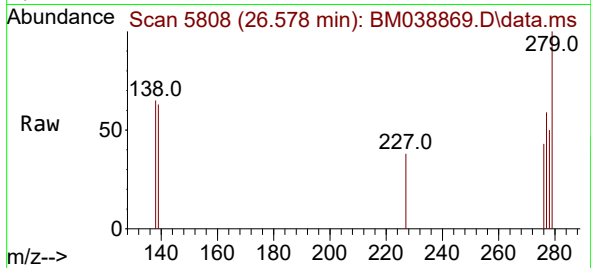




#28
Dibenzo(a,h)anthracene
Concen: 0.001 ng/ul
RT: 26.578 min Scan# 5808
Delta R.T. -0.010 min
Lab File: BM038869.D
Acq: 06 Mar 2023 13:11

Instrument :
BNA_M
ClientSampleId :
SP6144

Tgt Ion:278 Resp: 46
Ion Ratio Lower Upper
278 100
139 125.0 16.0 24.0#
279 200.0 21.8 32.6#



#29
Benzo(g,h,i)perylene
Concen: 0.000 ng/ul
RT: 27.346 min Scan# 6037
Delta R.T. 0.004 min
Lab File: BM038869.D
Acq: 06 Mar 2023 13:11

Tgt Ion:276 Resp: 31
Ion Ratio Lower Upper
276 100
138 134.8 20.2 30.4#
277 140.9 19.8 29.8#

