

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
 Data File : BM039897.D
 Acq On : 09 May 2023 17:10
 Operator : CG/JU
 Sample : 02479-07DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW948DL

Quant Time: May 10 00:27:54 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 12:11:48 2023
 Response via : Initial Calibration

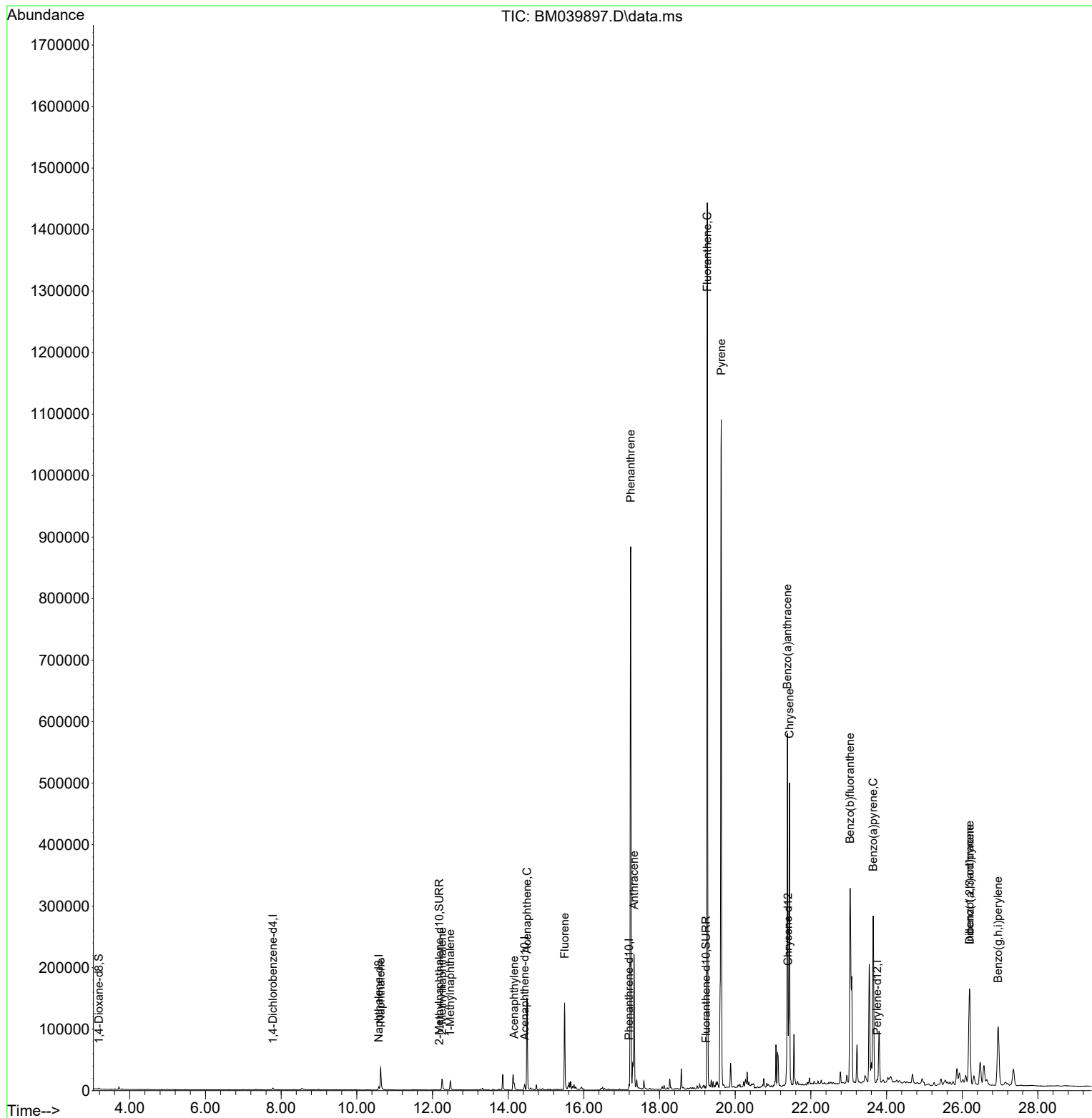
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.783	152	2502	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.579	136	8679	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.437	164	5035	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.196	188	10493	0.400	ng/ul	0.00
17) Chrysene-d12	21.397	240	7052	0.400	ng/ul	# 0.00
23) Perylene-d12	23.752	264	9573	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.180	96	895	0.243	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.179	152	294	0.026	ng/ul	0.00
18) Fluoranthene-d10	19.229	212	683	0.036	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.628	128	59132	2.713	ng/ul	98
7) 2-Methylnaphthalene	12.256	142	17053	1.356	ng/ul	97
8) 1-Methylnaphthalene	12.470	142	11149	0.826	ng/ul	100
10) Acenaphthylene	14.159	152	14851	0.762	ng/ul	96
11) Acenaphthene	14.497	153	90190	5.892	ng/ul	97
12) Fluorene	15.492	166	93414	5.500	ng/ul	98
15) Phenanthrene	17.238	178	943377	34.125	ng/ul	98
16) Anthracene	17.327	178	222890	9.390	ng/ul	98
19) Fluoranthene	19.262	202	1218613	48.437	ng/ul	99
20) Pyrene	19.629	202	939663	34.586	ng/ul	97
21) Benzo(a)anthracene	21.382	228	478734	23.611	ng/ul	99
22) Chrysene	21.435	228	453401	19.760	ng/ul	98
24) Benzo(b)fluoranthene	23.039	252	600659	17.866	ng/ul	92
26) Benzo(a)pyrene	23.647	252	397674	13.175	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.194	276	260261	6.819	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.194	278	69692	2.353	ng/ul	96
29) Benzo(g,h,i)perylene	26.949	276	216996	6.525	ng/ul	98

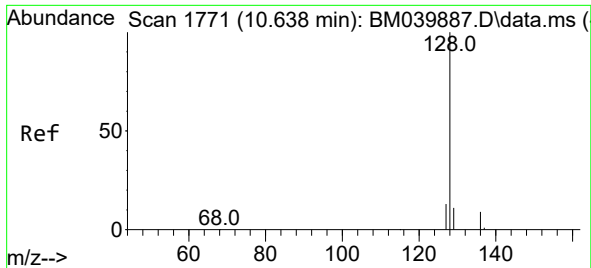
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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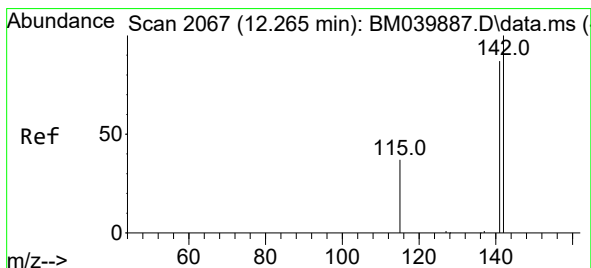
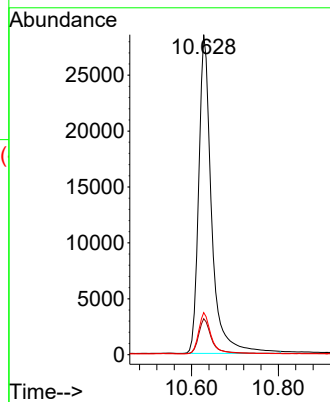
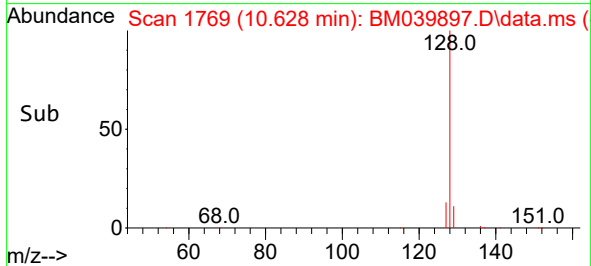
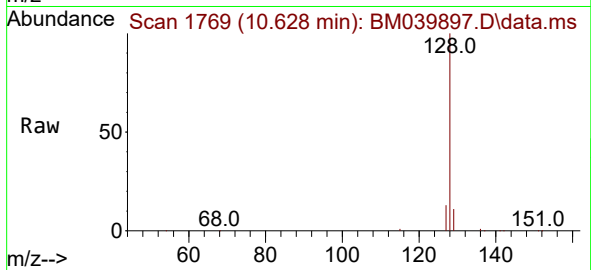




#5
Naphthalene
Concen: 2.713 ng/ul
RT: 10.628 min Scan# 1769
Delta R.T. -0.010 min
Lab File: BM039897.D
Acq: 09 May 2023 17:10

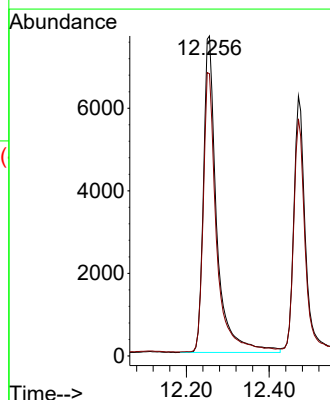
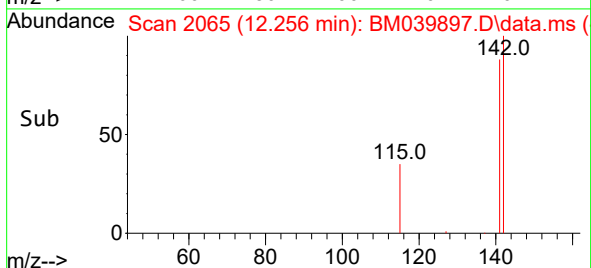
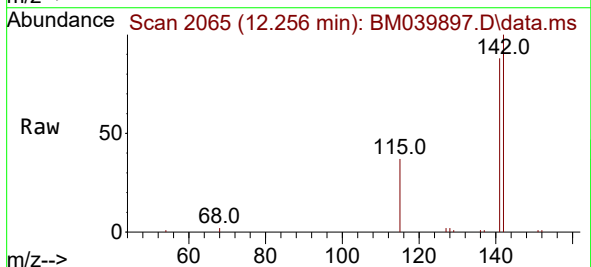
Instrument :
BNA_M
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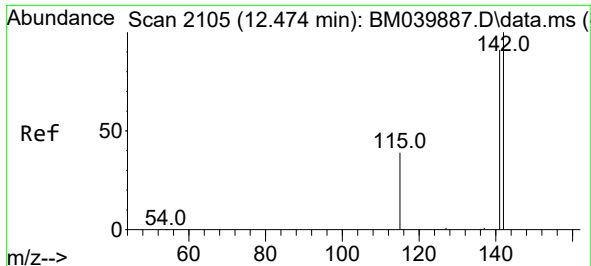
Tgt Ion:128 Resp: 59132
Ion Ratio Lower Upper
128 100
129 11.2 9.8 14.6
127 13.1 11.1 16.7



#7
2-Methylnaphthalene
Concen: 1.356 ng/ul
RT: 12.256 min Scan# 2065
Delta R.T. -0.010 min
Lab File: BM039897.D
Acq: 09 May 2023 17:10

Tgt Ion:142 Resp: 17053
Ion Ratio Lower Upper
142 100
141 88.4 73.2 109.8

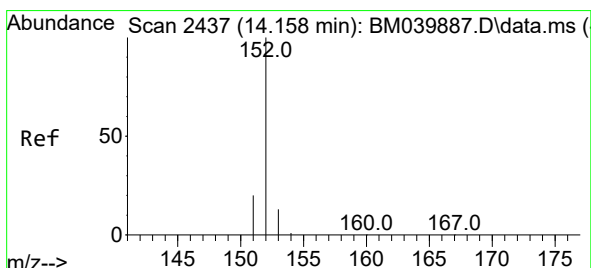
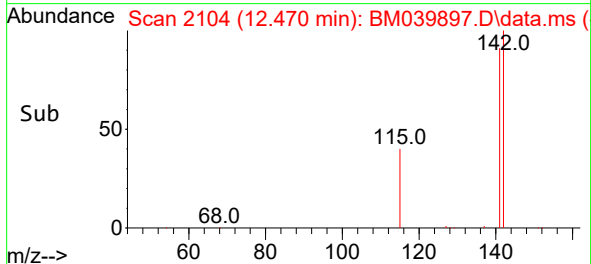
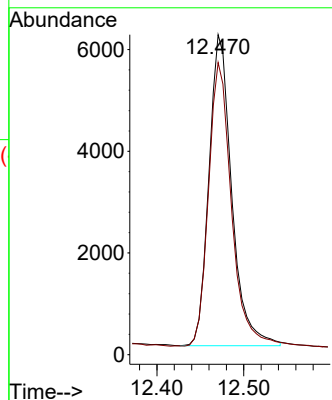
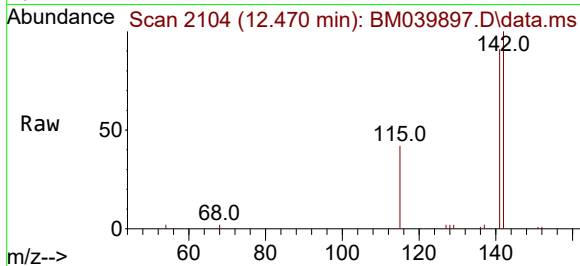




#8
1-Methylnaphthalene
Concen: 0.826 ng/ul
RT: 12.470 min Scan# 2105
Delta R.T. -0.004 min
Lab File: BM039897.D
Acq: 09 May 2023 17:10

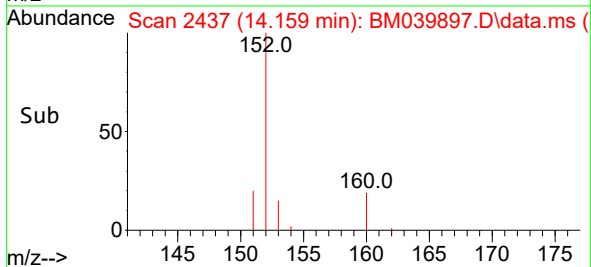
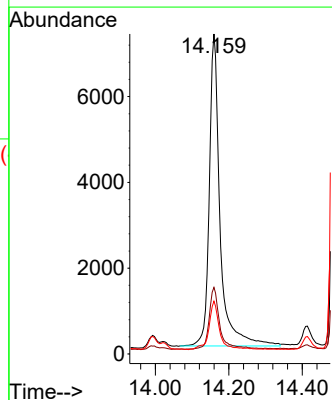
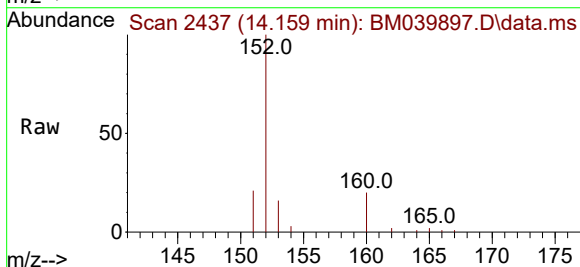
Instrument :
BNA_M
ClientSampleId :
EW948DL

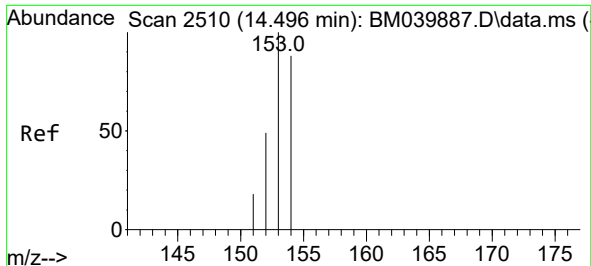
Tgt Ion:142 Resp: 11149
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.2



#10
Acenaphthylene
Concen: 0.762 ng/ul
RT: 14.159 min Scan# 2437
Delta R.T. 0.001 min
Lab File: BM039897.D
Acq: 09 May 2023 17:10

Tgt Ion:152 Resp: 14851
Ion Ratio Lower Upper
152 100
151 20.8 16.0 24.0
153 16.5 11.2 16.8

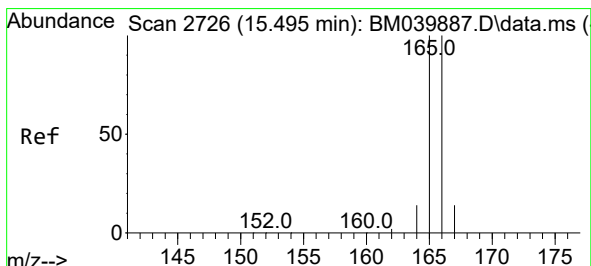
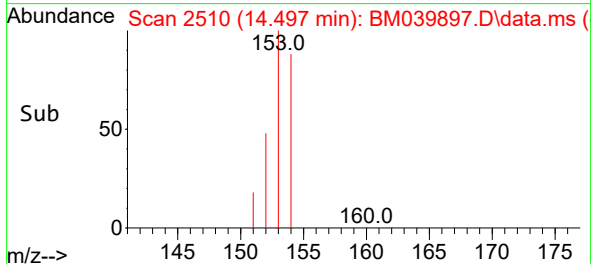
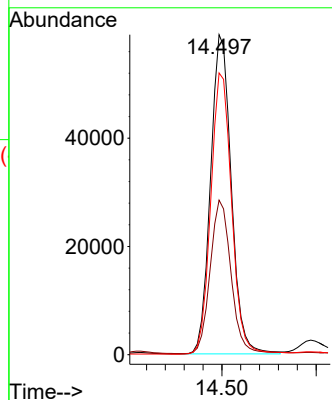
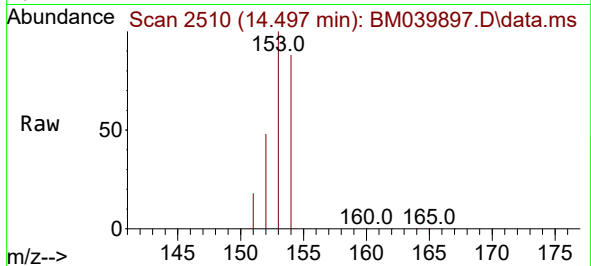




#11
Acenaphthene
Concen: 5.892 ng/ul
RT: 14.497 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM039897.D
Acq: 09 May 2023 17:10

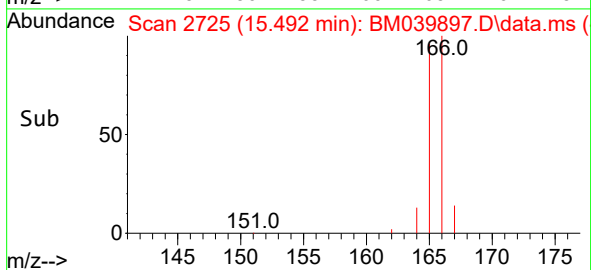
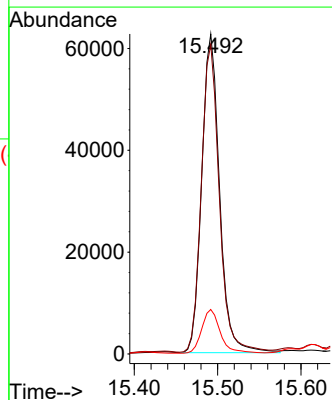
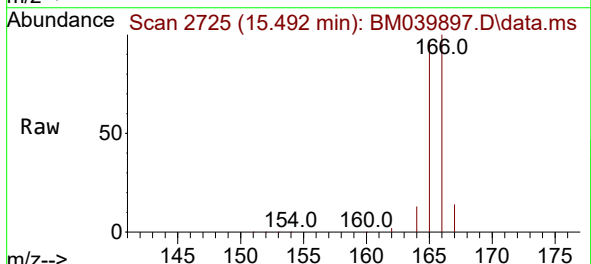
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ClientSampleId :
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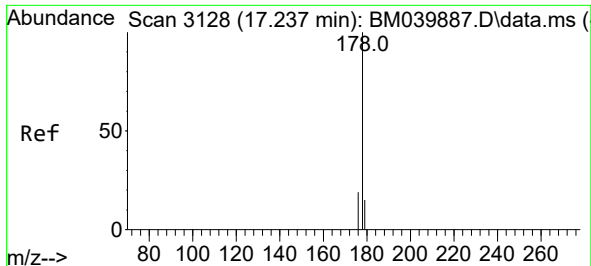
Tgt Ion:153 Resp: 90190
Ion Ratio Lower Upper
153 100
152 48.3 40.6 61.0
154 88.0 71.9 107.9



#12
Fluorene
Concen: 5.500 ng/ul
RT: 15.492 min Scan# 2725
Delta R.T. -0.003 min
Lab File: BM039897.D
Acq: 09 May 2023 17:10

Tgt Ion:166 Resp: 93414
Ion Ratio Lower Upper
166 100
165 96.7 79.0 118.6
167 13.9 11.8 17.6

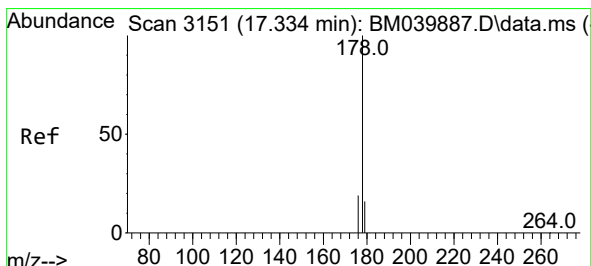
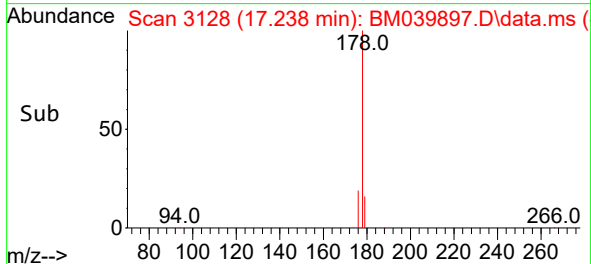
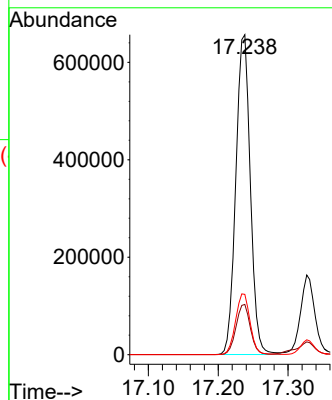
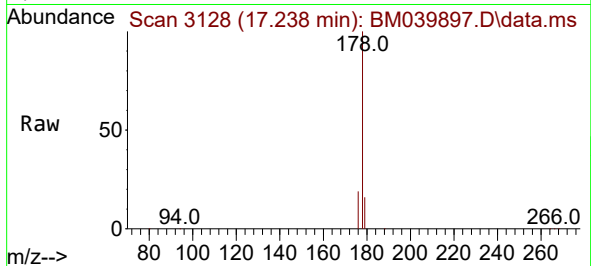




#15
Phenanthrene
Concen: 34.125 ng/ul
RT: 17.238 min Scan# 3128
Delta R.T. 0.001 min
Lab File: BM039897.D
Acq: 09 May 2023 17:10

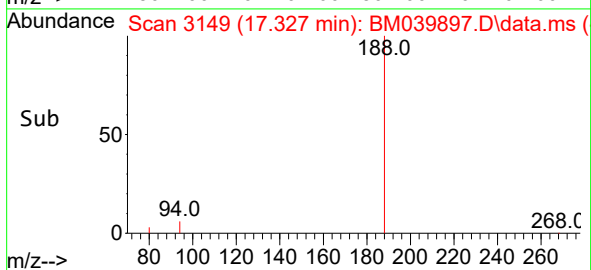
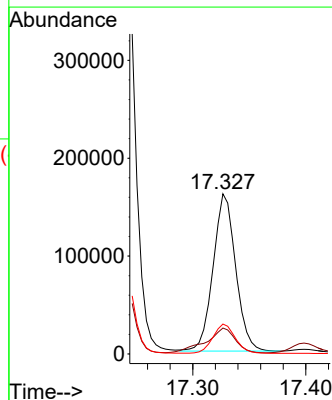
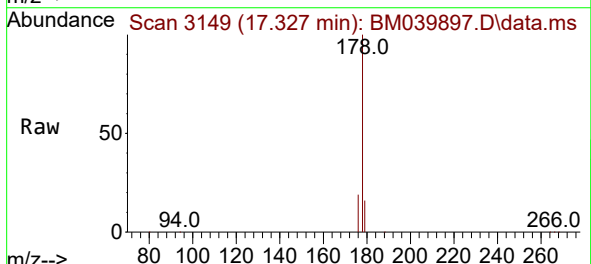
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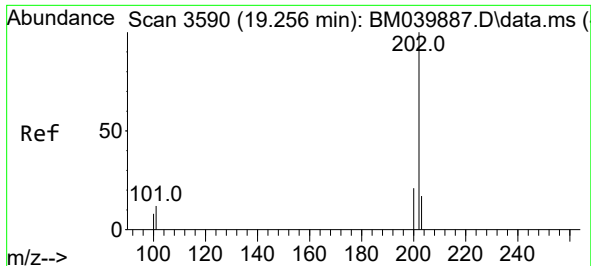
Tgt Ion:178 Resp: 943377
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 18.8 15.8 23.8



#16
Anthracene
Concen: 9.390 ng/ul
RT: 17.327 min Scan# 3149
Delta R.T. -0.007 min
Lab File: BM039897.D
Acq: 09 May 2023 17:10

Tgt Ion:178 Resp: 222890
Ion Ratio Lower Upper
178 100
179 16.2 13.8 20.6
176 18.7 15.8 23.8

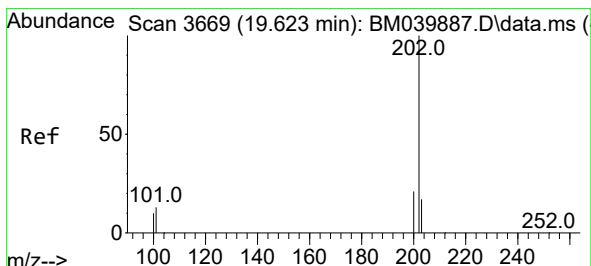
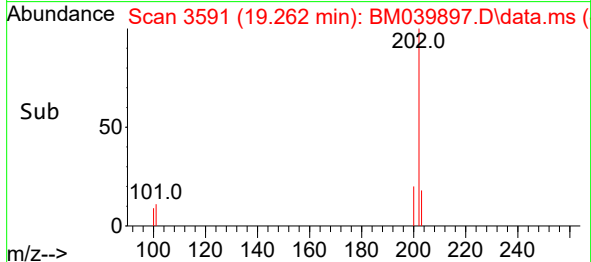
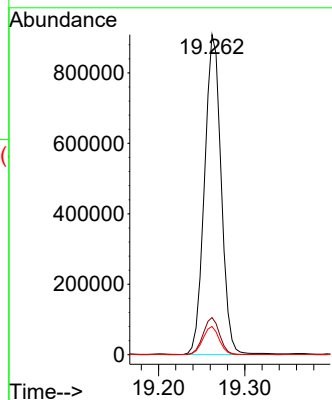
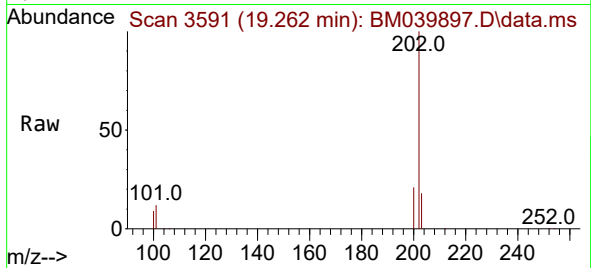




#19
Fluoranthene
Concen: 48.437 ng/ul
RT: 19.262 min Scan# 3591
Delta R.T. 0.006 min
Lab File: BM039897.D
Acq: 09 May 2023 17:10

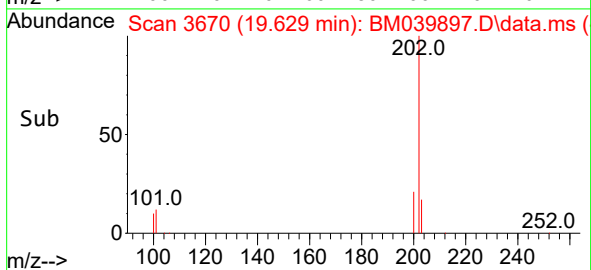
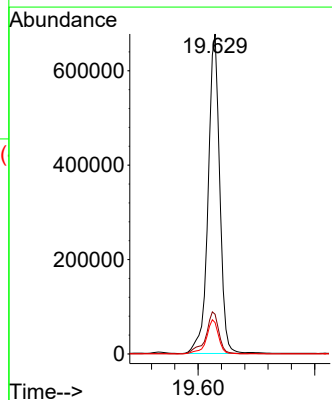
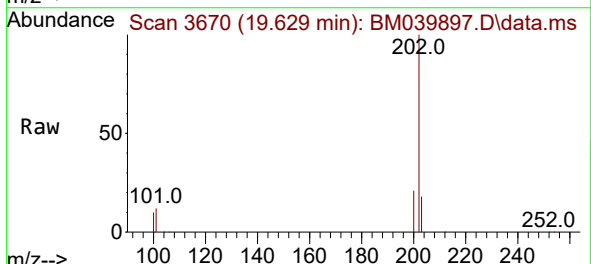
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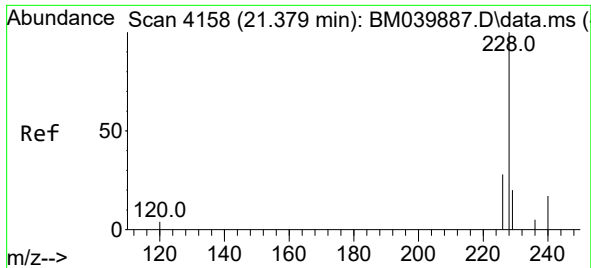
Tgt Ion:202 Resp: 1218613
Ion Ratio Lower Upper
202 100
101 11.6 9.8 14.8
100 8.8 7.3 10.9



#20
Pyrene
Concen: 34.586 ng/ul
RT: 19.629 min Scan# 3670
Delta R.T. 0.006 min
Lab File: BM039897.D
Acq: 09 May 2023 17:10

Tgt Ion:202 Resp: 939663
Ion Ratio Lower Upper
202 100
101 12.4 10.9 16.3
100 9.8 8.9 13.3

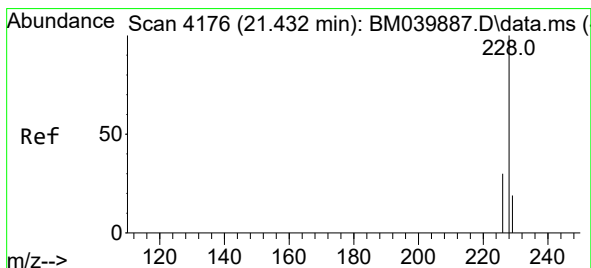
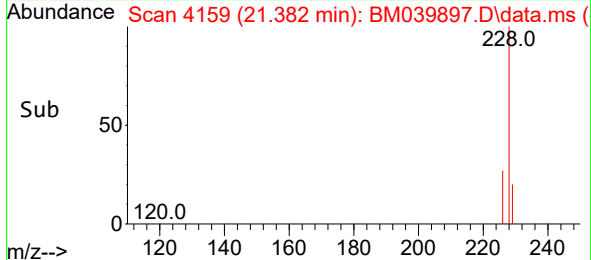
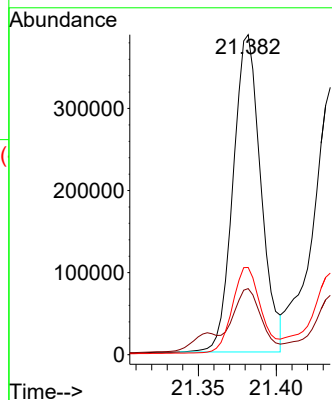
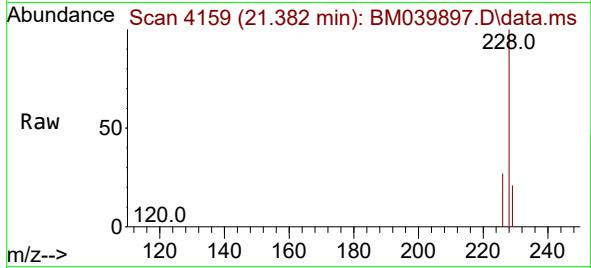




#21
Benzo(a)anthracene
Concen: 23.611 ng/ul
RT: 21.382 min Scan# 4158
Delta R.T. 0.003 min
Lab File: BM039897.D
Acq: 09 May 2023 17:10

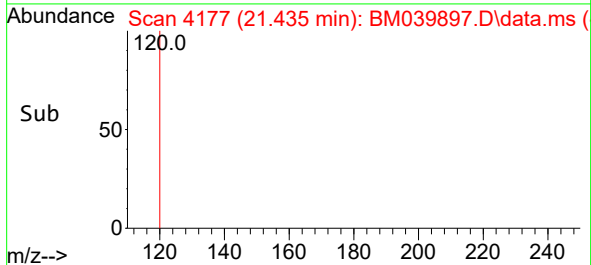
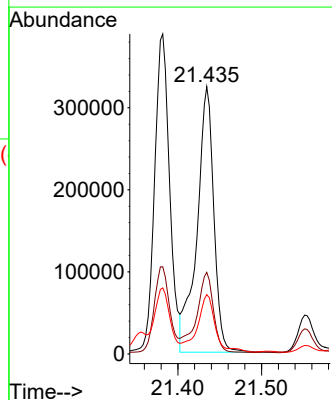
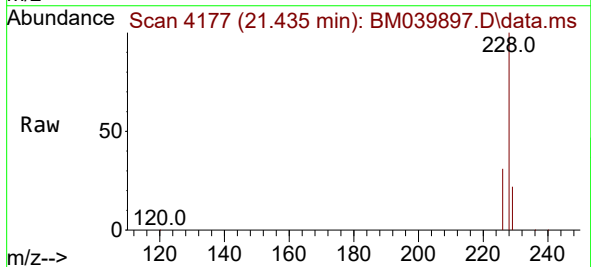
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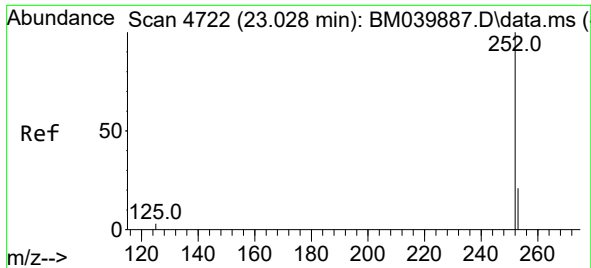
Tgt Ion:228 Resp: 478734
Ion Ratio Lower Upper
228 100
229 20.6 16.2 24.2
226 27.3 21.6 32.4



#22
Chrysene
Concen: 19.760 ng/ul
RT: 21.435 min Scan# 4177
Delta R.T. 0.003 min
Lab File: BM039897.D
Acq: 09 May 2023 17:10

Tgt Ion:228 Resp: 453401
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 22.2 15.9 23.9

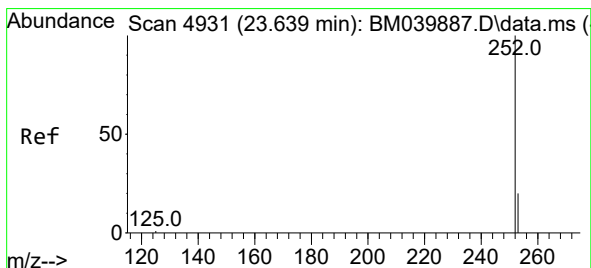
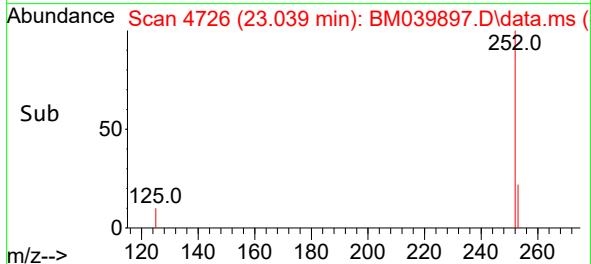
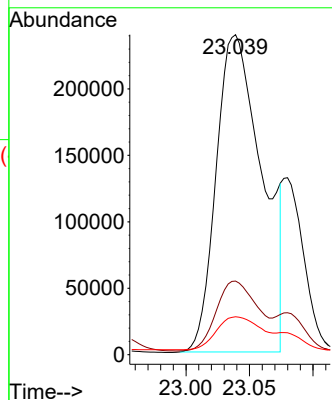
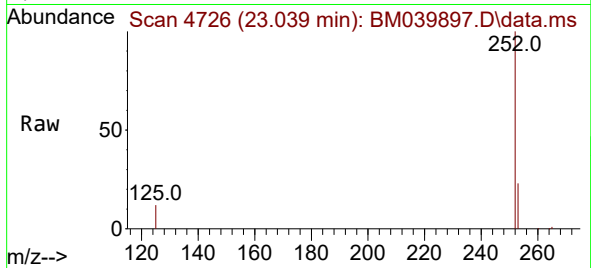




#24
Benzo(b)fluoranthene
Concen: 17.866 ng/ul
RT: 23.039 min Scan# 4726
Delta R.T. 0.011 min
Lab File: BM039897.D
Acq: 09 May 2023 17:10

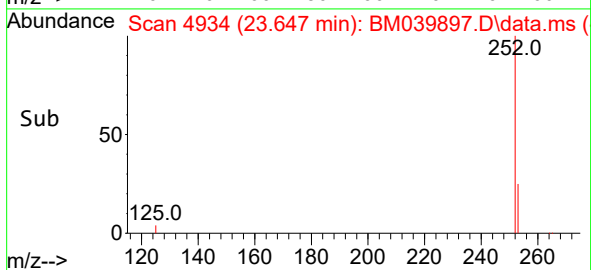
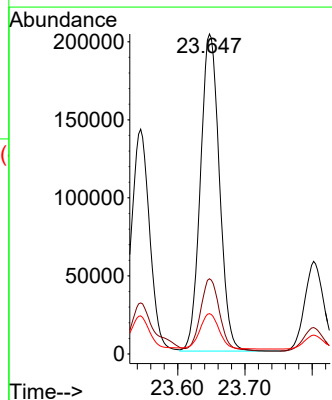
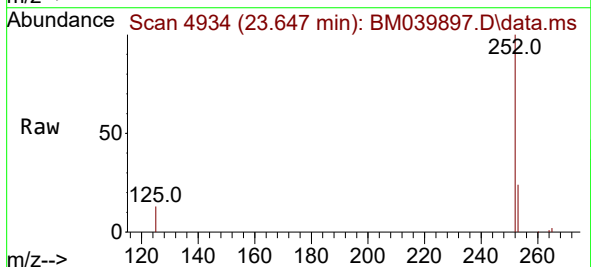
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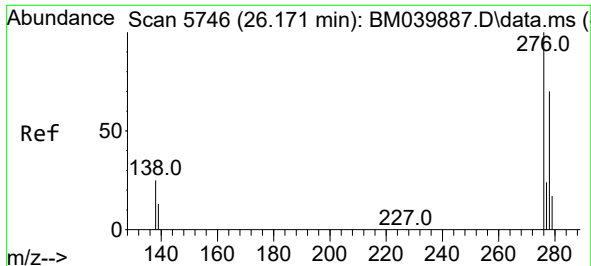
Tgt Ion:252 Resp: 600659
Ion Ratio Lower Upper
252 100
253 23.0 0.0 52.8
125 11.9 0.0 31.6



#26
Benzo(a)pyrene
Concen: 13.175 ng/ul
RT: 23.647 min Scan# 4934
Delta R.T. 0.008 min
Lab File: BM039897.D
Acq: 09 May 2023 17:10

Tgt Ion:252 Resp: 397674
Ion Ratio Lower Upper
252 100
253 23.5 24.7 37.1#
125 12.6 16.5 24.7#

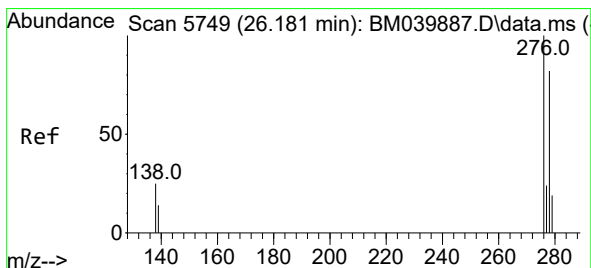
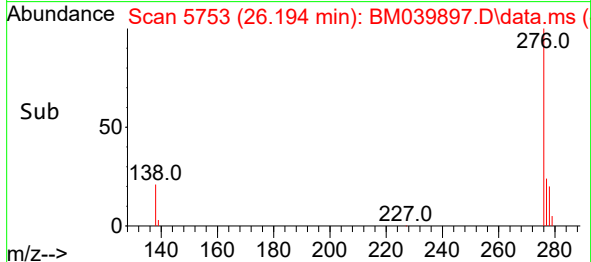
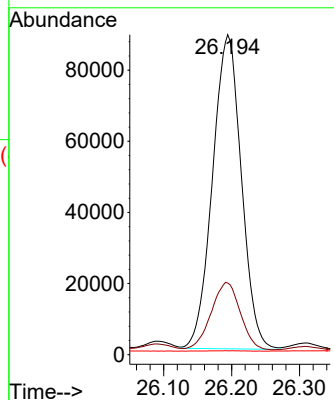
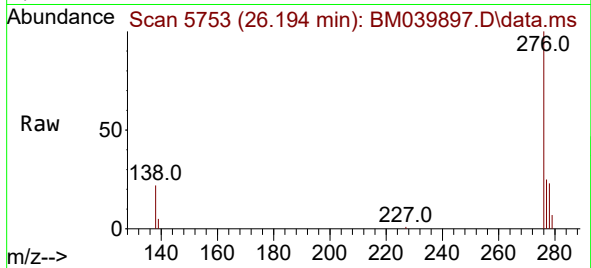




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 6.819 ng/ul
 RT: 26.194 min Scan# 5753
 Delta R.T. 0.023 min
 Lab File: BM039897.D
 Acq: 09 May 2023 17:10

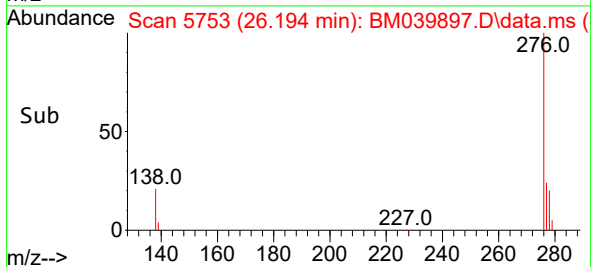
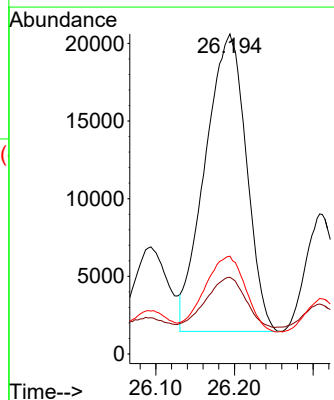
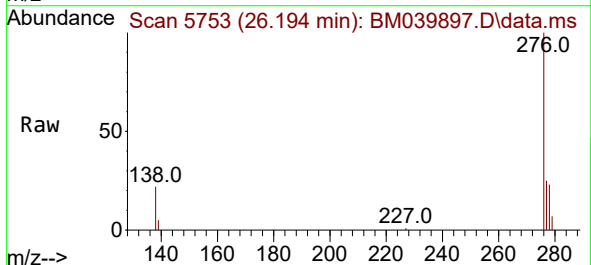
Instrument :
 BNA_M
 ClientSampleId :
 EW948DL

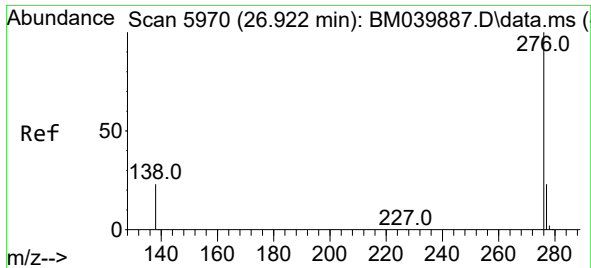
Tgt Ion:276 Resp: 260261
 Ion Ratio Lower Upper
 276 100
 138 21.6 21.1 31.7
 227 0.2 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 2.353 ng/ul
 RT: 26.194 min Scan# 5753
 Delta R.T. 0.013 min
 Lab File: BM039897.D
 Acq: 09 May 2023 17:10

Tgt Ion:278 Resp: 69692
 Ion Ratio Lower Upper
 278 100
 139 24.0 17.0 25.6
 279 30.6 23.4 35.2





#29

Benzo(g,h,i)perylene

Concen: 6.525 ng/ul

RT: 26.949 min Scan# 5978

Delta R.T. 0.027 min

Lab File: BM039897.D

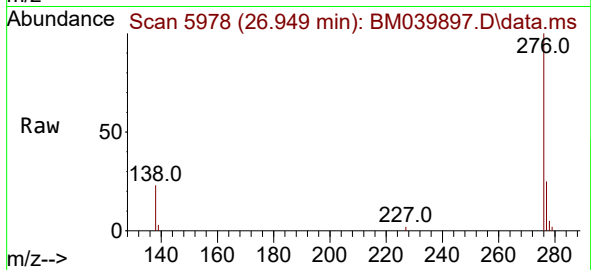
Acq: 09 May 2023 17:10

Instrument :

BNA_M

ClientSampleId :

EW948DL



Tgt Ion:276 Resp: 216996

Ion Ratio Lower Upper

276 100

138 23.2 20.1 30.1

277 25.3 20.1 30.1

