

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
 Data File : BM039818.D
 Acq On : 03 May 2023 01:20
 Operator : CG/JU
 Sample : 02419-24
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW921

Quant Time: May 03 04:18:53 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 02 18:41:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	3140	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.589	136	10423	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.446	164	5715	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	10776	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.405	240	6293	0.400	ng/ul	# 0.00
23) Perylene-d12	23.761	264	8939	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.180	96	11167	2.413	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	2934	0.219	ng/ul	-0.01
18) Fluoranthene-d10	19.239	212	4741	0.280	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.222	88	102	0.021	ng/ul#	56
5) Naphthalene	10.639	128	74658	2.852	ng/ul	98
7) 2-Methylnaphthalene	12.261	142	39911	2.642	ng/ul	96
8) 1-Methylnaphthalene	12.481	142	32087	1.980	ng/ul	100
10) Acenaphthylene	14.168	152	128697	5.818	ng/ul	99
11) Acenaphthene	14.511	153	50264	2.893	ng/ul	98
12) Fluorene	15.501	166	80050	4.153	ng/ul	98
14) Pentachlorophenol	16.883	266	101	0.043	ng/ul#	77
15) Phenanthrene	17.242	178	1196961	42.161	ng/ul	99
16) Anthracene	17.335	178	307493	12.614	ng/ul	97
19) Fluoranthene	19.271	202	1860523	82.871	ng/ul	99
20) Pyrene	19.638	202	1597772	65.902	ng/ul	98
21) Benzo(a)anthracene	21.388	228	930539	51.430	ng/ul	98
22) Chrysene	21.440	228	809452	39.532	ng/ul	97
24) Benzo(b)fluoranthene	23.048	252	1186196	37.785	ng/ul	92
26) Benzo(a)pyrene	23.659	252	860445	30.528	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.204	276	598731	16.799	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.204	278	163836	5.923	ng/ul	98
29) Benzo(g,h,i)perylene	26.959	276	554531	17.856	ng/ul	97

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

BNA M

ClientSampleId :

EW921

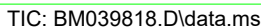
Quant Time: May 03 04:18:53 2023

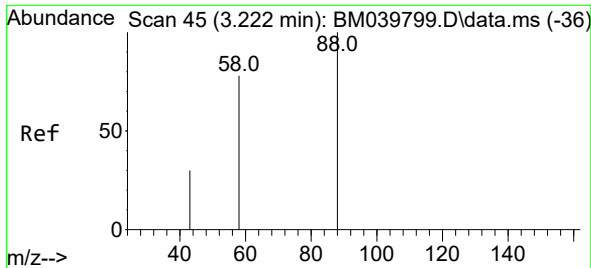
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue May 02 18:41:11 2023

Response via : Initial Calibration

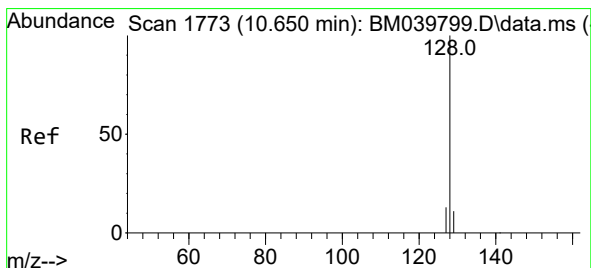
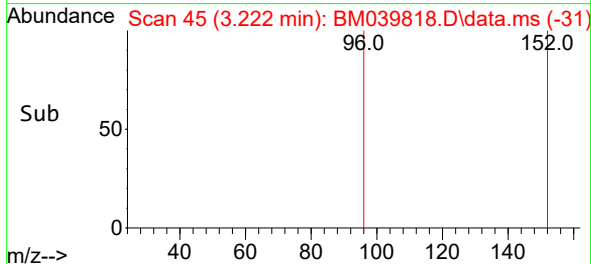
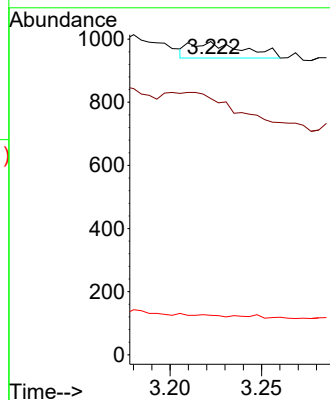
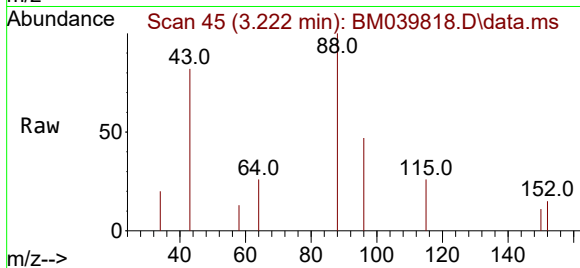




#2
1,4-Dioxane
Concen: 0.021 ng/ul
RT: 3.222 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM039818.D
Acq: 03 May 2023 01:20

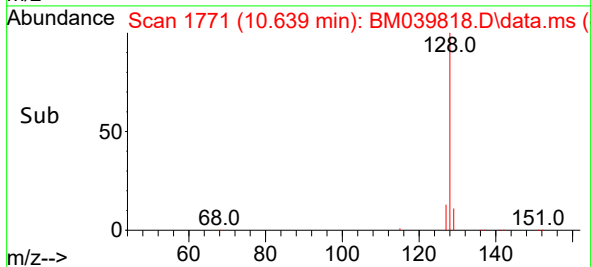
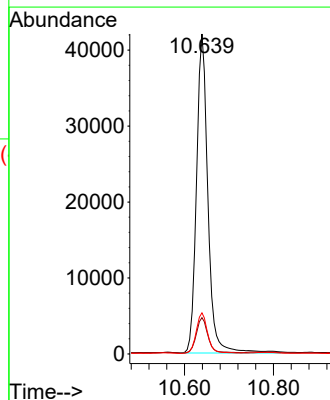
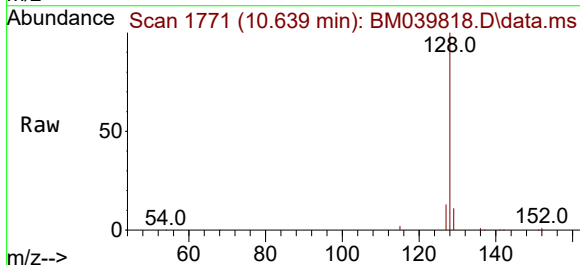
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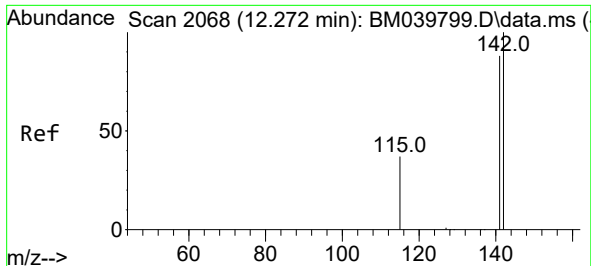
Tgt Ion: 88 Resp: 102
Ion Ratio Lower Upper
88 100
43 81.9 102.6 153.8#
58 12.6 40.6 61.0#



#5
Naphthalene
Concen: 2.852 ng/ul
RT: 10.639 min Scan# 1771
Delta R.T. -0.011 min
Lab File: BM039818.D
Acq: 03 May 2023 01:20

Tgt Ion: 128 Resp: 74658
Ion Ratio Lower Upper
128 100
129 11.4 9.8 14.6
127 12.9 11.1 16.7

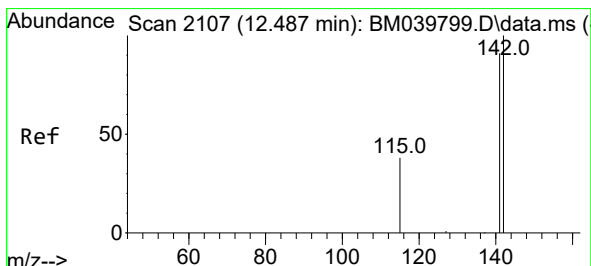
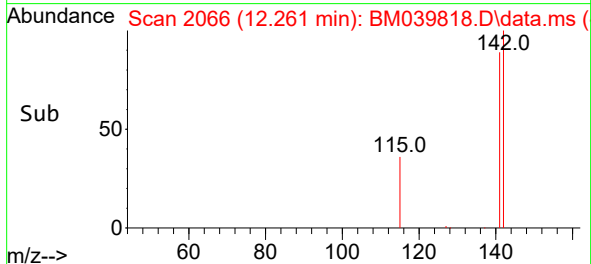
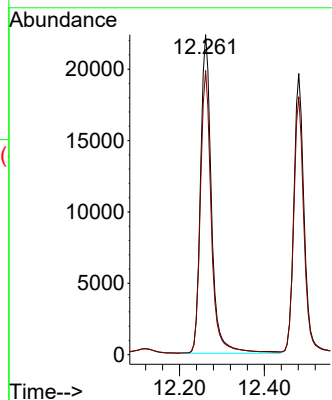
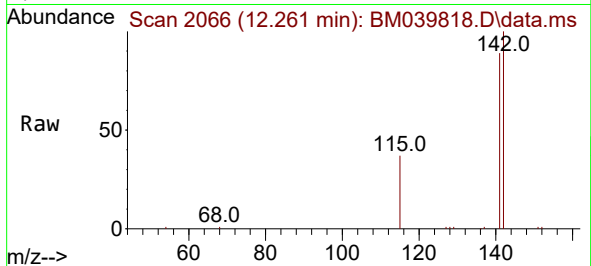




#7
2-Methylnaphthalene
Concen: 2.642 ng/ul
RT: 12.261 min Scan# 2066
Delta R.T. -0.011 min
Lab File: BM039818.D
Acq: 03 May 2023 01:20

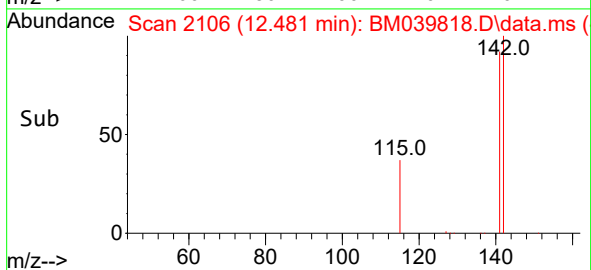
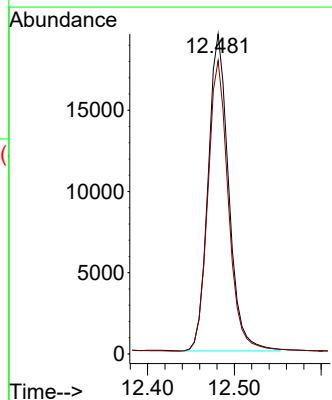
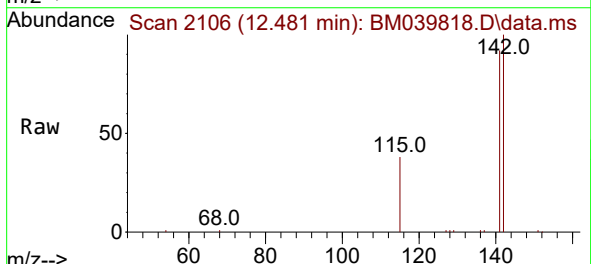
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ClientSampleId :
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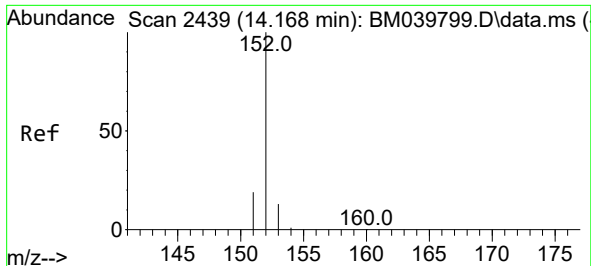
Tgt Ion:142 Resp: 39911
Ion Ratio Lower Upper
142 100
141 87.8 73.2 109.8



#8
1-Methylnaphthalene
Concen: 1.980 ng/ul
RT: 12.481 min Scan# 2106
Delta R.T. -0.005 min
Lab File: BM039818.D
Acq: 03 May 2023 01:20

Tgt Ion:142 Resp: 32087
Ion Ratio Lower Upper
142 100
141 91.5 73.4 110.2

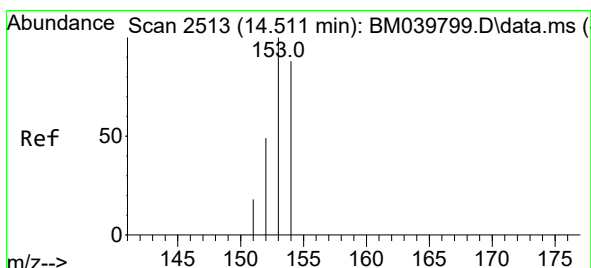
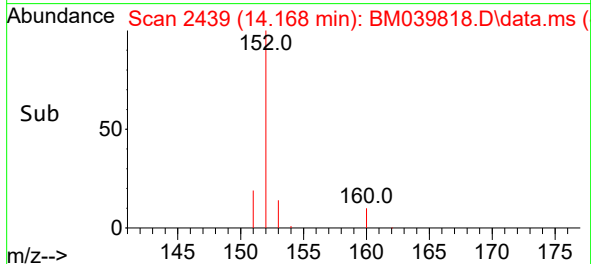
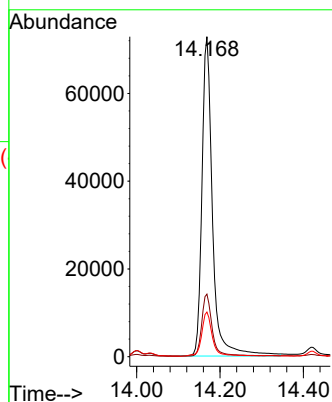
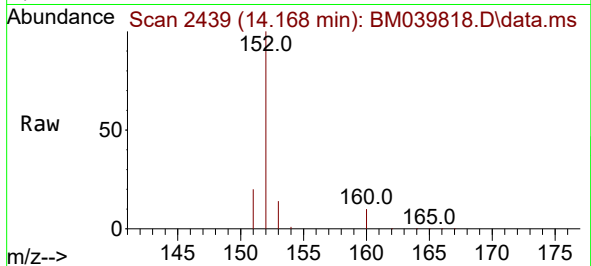




#10
Acenaphthylene
Concen: 5.818 ng/ul
RT: 14.168 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BM039818.D
Acq: 03 May 2023 01:20

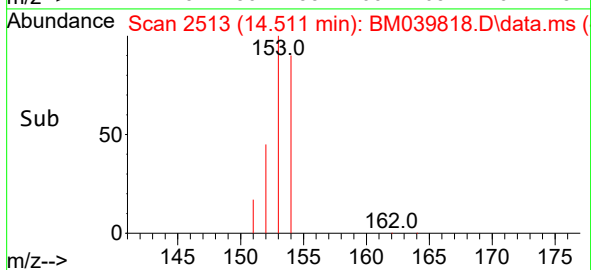
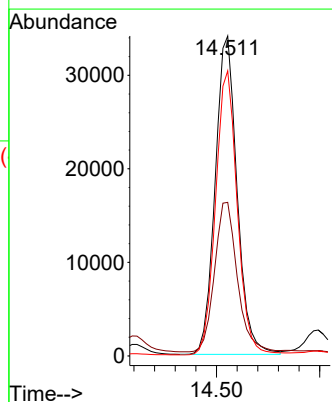
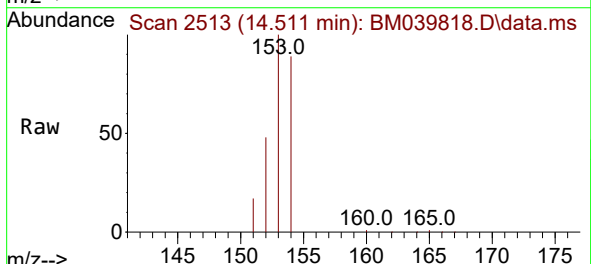
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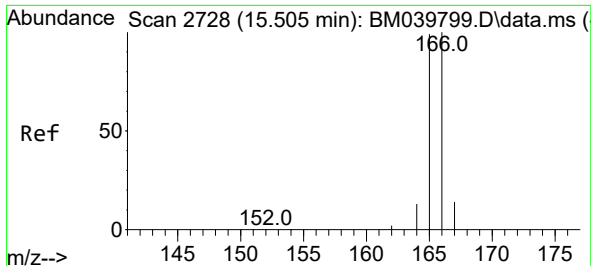
Tgt Ion:152 Resp: 128697
Ion Ratio Lower Upper
152 100
151 19.5 16.0 24.0
153 14.0 11.2 16.8



#11
Acenaphthene
Concen: 2.893 ng/ul
RT: 14.511 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BM039818.D
Acq: 03 May 2023 01:20

Tgt Ion:153 Resp: 50264
Ion Ratio Lower Upper
153 100
152 48.0 40.6 61.0
154 89.1 71.9 107.9

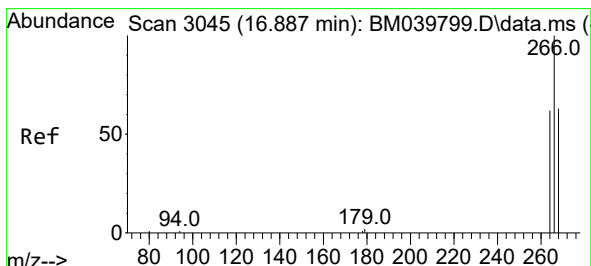
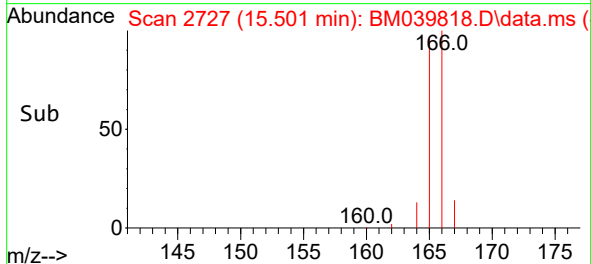
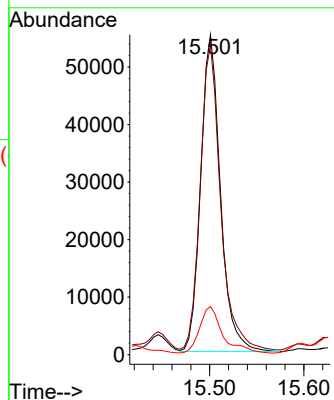
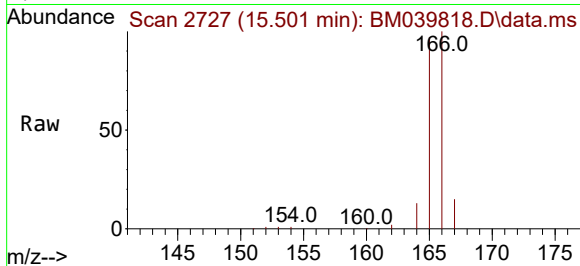




#12
Fluorene
Concen: 4.153 ng/ul
RT: 15.501 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM039818.D
Acq: 03 May 2023 01:20

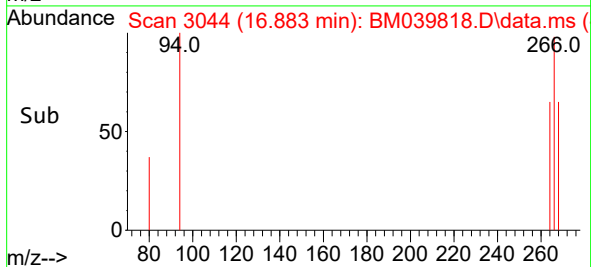
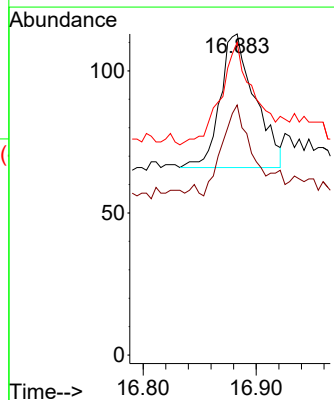
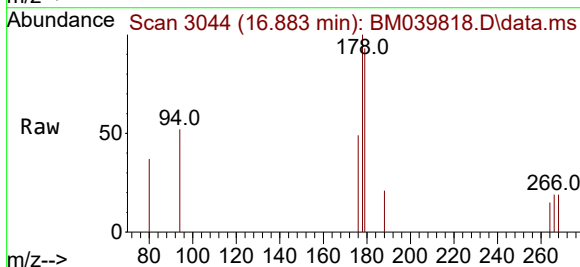
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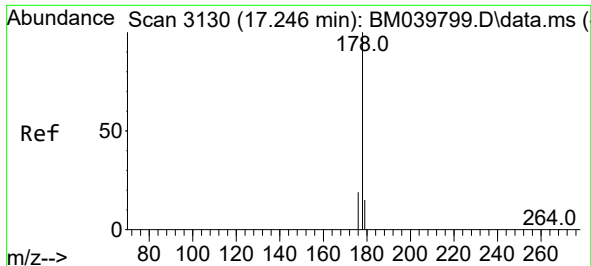
Tgt Ion:166 Resp: 80050
Ion Ratio Lower Upper
166 100
165 96.9 79.0 118.6
167 15.0 11.8 17.6



#14
Pentachlorophenol
Concen: 0.043 ng/ul
RT: 16.883 min Scan# 3044
Delta R.T. -0.004 min
Lab File: BM039818.D
Acq: 03 May 2023 01:20

Tgt Ion:266 Resp: 101
Ion Ratio Lower Upper
266 100
264 63.4 48.8 73.2
268 95.0 50.4 75.6#

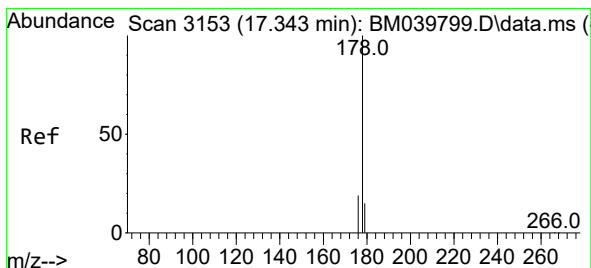
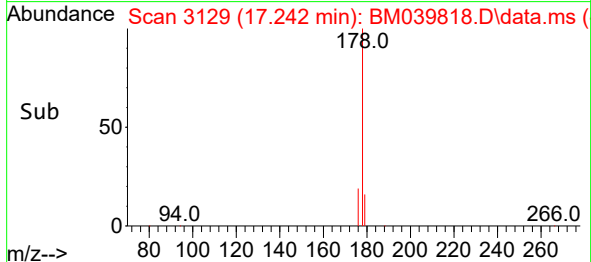
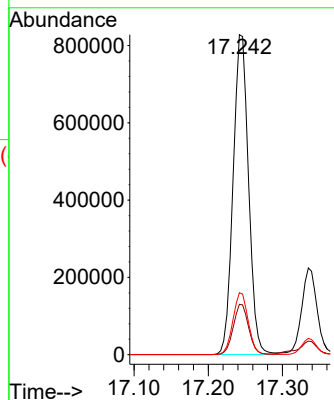
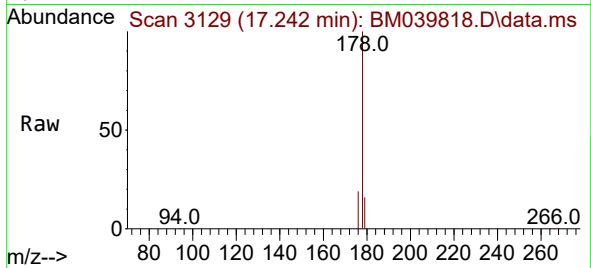




#15
Phenanthrene
Concen: 42.161 ng/ul
RT: 17.242 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BM039818.D
Acq: 03 May 2023 01:20

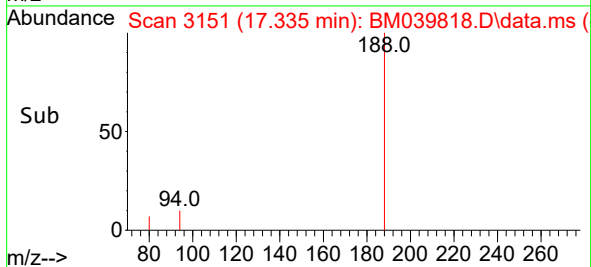
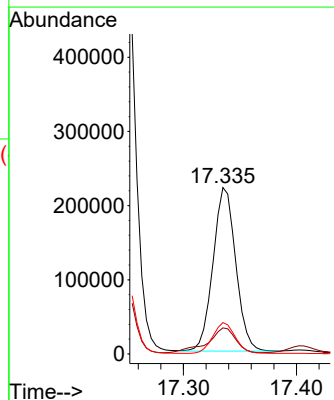
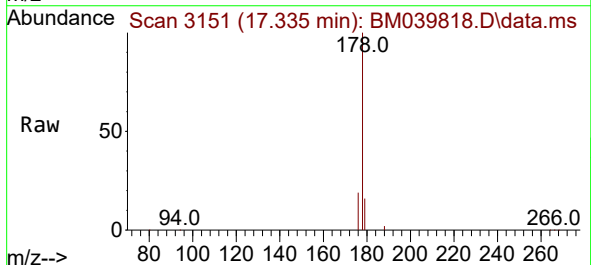
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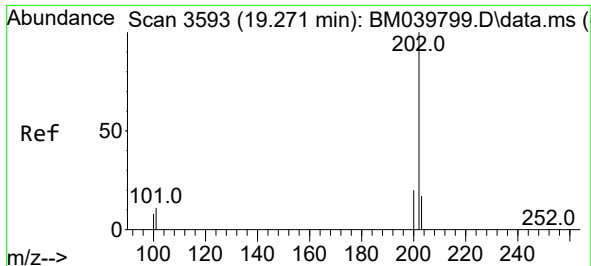
Tgt Ion:178 Resp: 1196961
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 19.3 15.8 23.8



#16
Anthracene
Concen: 12.614 ng/ul
RT: 17.335 min Scan# 3151
Delta R.T. -0.008 min
Lab File: BM039818.D
Acq: 03 May 2023 01:20

Tgt Ion:178 Resp: 307493
Ion Ratio Lower Upper
178 100
179 15.7 13.8 20.6
176 18.9 15.8 23.8

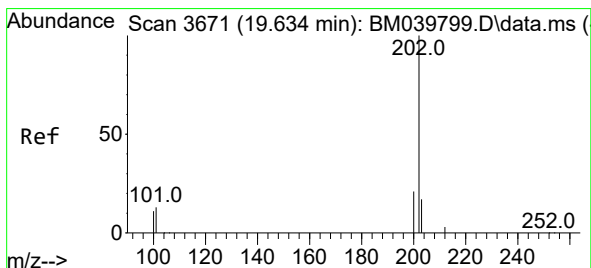
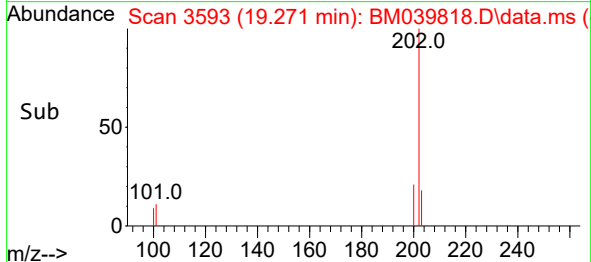
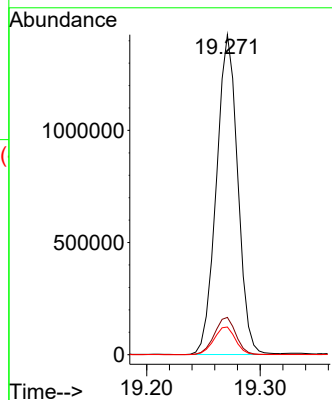
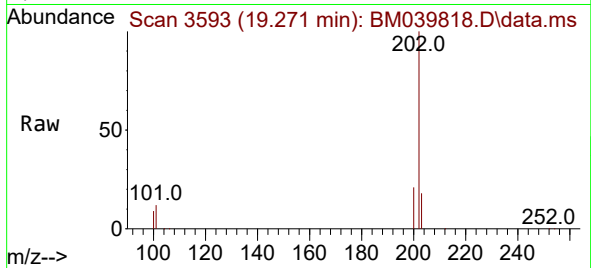




#19
Fluoranthene
Concen: 82.871 ng/ul
RT: 19.271 min Scan# 3593
Delta R.T. 0.000 min
Lab File: BM039818.D
Acq: 03 May 2023 01:20

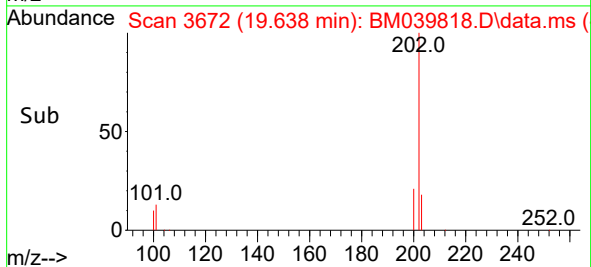
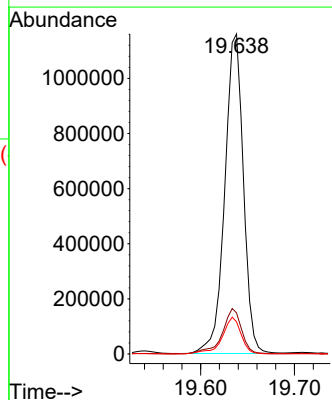
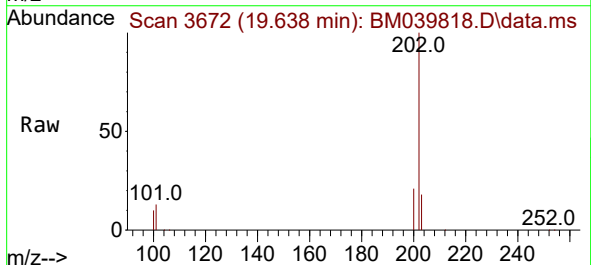
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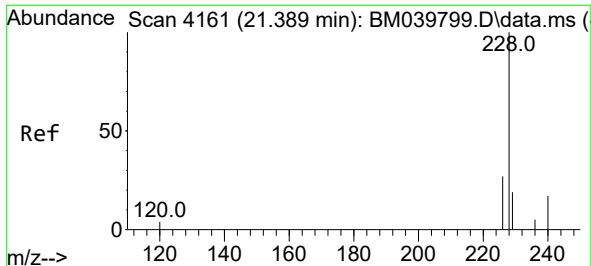
Tgt Ion:202 Resp: 1860523
Ion Ratio Lower Upper
202 100
101 11.7 9.8 14.8
100 8.7 7.3 10.9



#20
Pyrene
Concen: 65.902 ng/ul
RT: 19.638 min Scan# 3672
Delta R.T. 0.005 min
Lab File: BM039818.D
Acq: 03 May 2023 01:20

Tgt Ion:202 Resp: 1597772
Ion Ratio Lower Upper
202 100
101 12.9 10.9 16.3
100 10.0 8.9 13.3

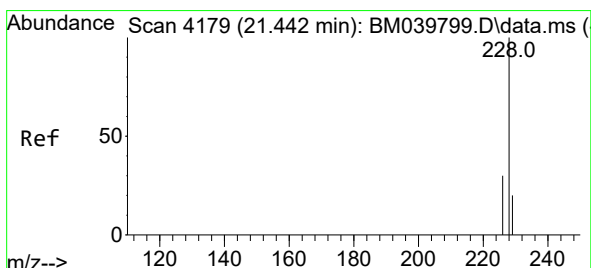
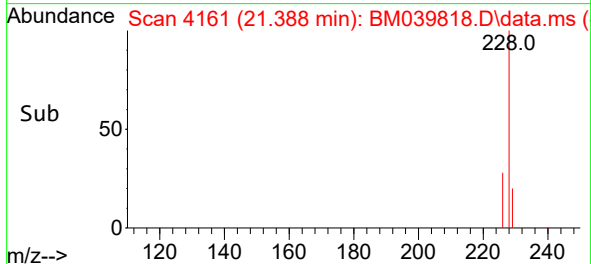
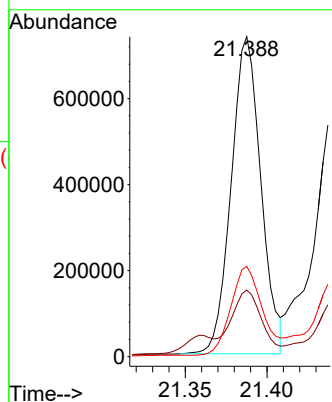
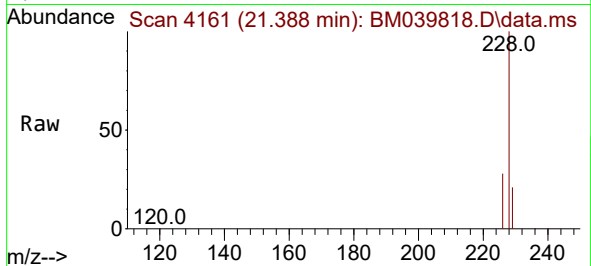




#21
Benzo(a)anthracene
Concen: 51.430 ng/ul
RT: 21.388 min Scan# 4161
Delta R.T. -0.002 min
Lab File: BM039818.D
Acq: 03 May 2023 01:20

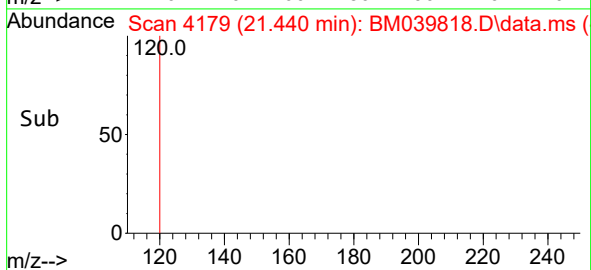
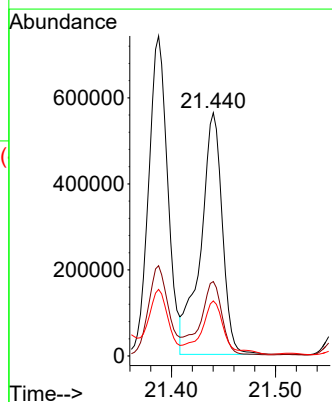
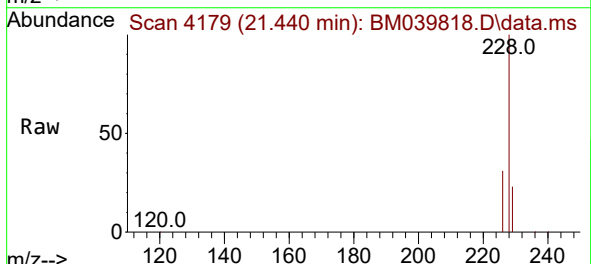
Instrument :
BNA_M
ClientSampleId :
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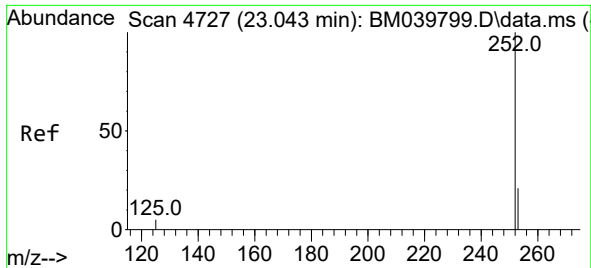
Tgt Ion:228 Resp: 930539
Ion Ratio Lower Upper
228 100
229 20.8 16.2 24.2
226 28.2 21.6 32.4



#22
Chrysene
Concen: 39.532 ng/ul
RT: 21.440 min Scan# 4179
Delta R.T. -0.002 min
Lab File: BM039818.D
Acq: 03 May 2023 01:20

Tgt Ion:228 Resp: 809452
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 22.7 15.9 23.9

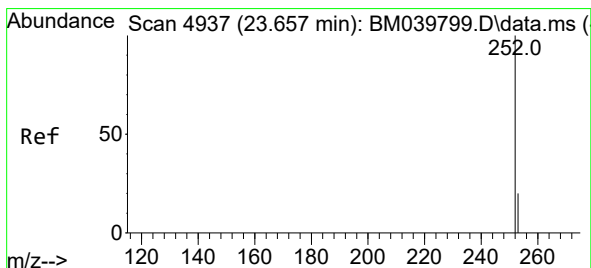
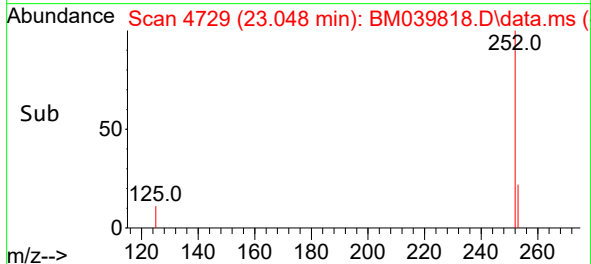
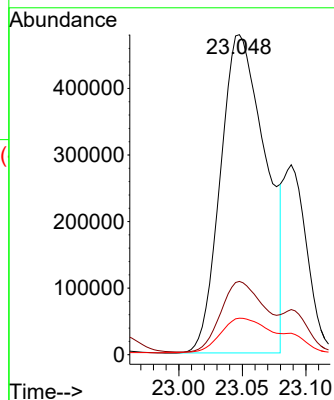
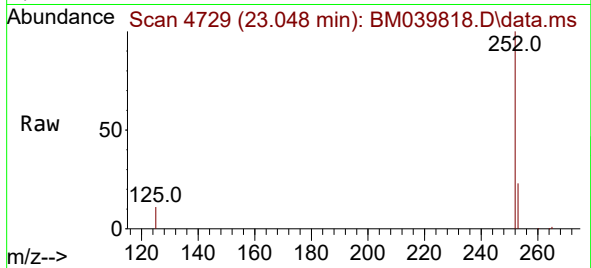




#24
Benzo(b)fluoranthene
Concen: 37.785 ng/ul
RT: 23.048 min Scan# 41
Delta R.T. 0.004 min
Lab File: BM039818.D
Acq: 03 May 2023 01:20

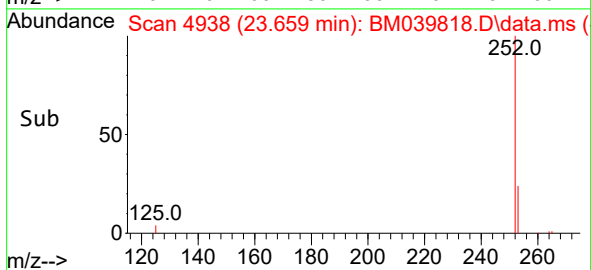
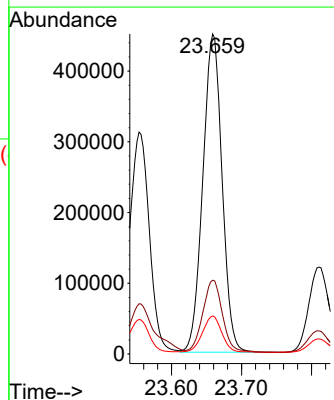
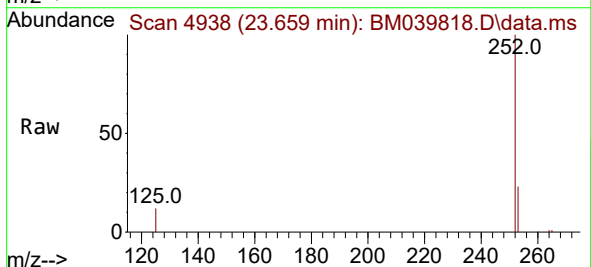
Instrument :
BNA_M
ClientSampleId :
EW921

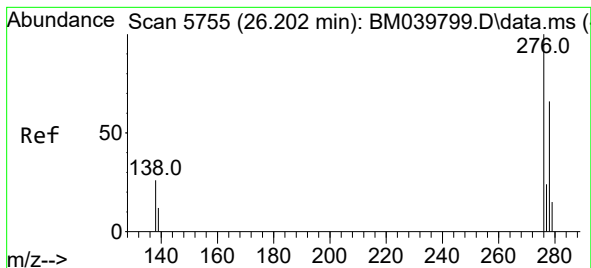
Tgt Ion:252 Resp: 1186196
Ion Ratio Lower Upper
252 100
253 22.9 0.0 52.8
125 11.4 0.0 31.6



#26
Benzo(a)pyrene
Concen: 30.528 ng/ul
RT: 23.659 min Scan# 4938
Delta R.T. 0.001 min
Lab File: BM039818.D
Acq: 03 May 2023 01:20

Tgt Ion:252 Resp: 860445
Ion Ratio Lower Upper
252 100
253 23.1 24.7 37.1#
125 11.9 16.5 24.7#





#27

Indeno(1,2,3-cd)pyrene

Concen: 16.799 ng/ul

RT: 26.204 min Scan# 5755

Delta R.T. 0.002 min

Lab File: BM039818.D

Acq: 03 May 2023 01:20

Instrument :

BNA_M

ClientSampleId :

EW921

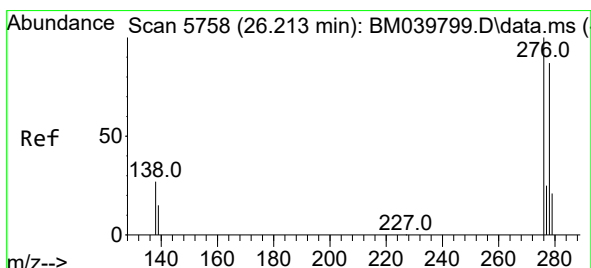
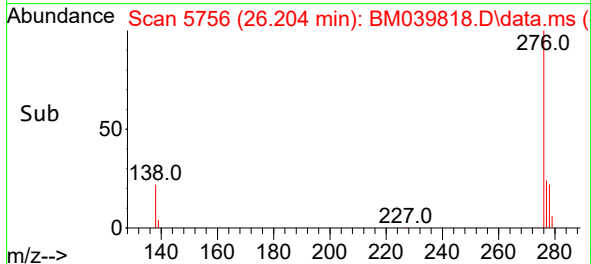
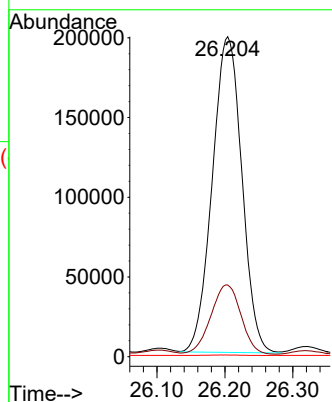
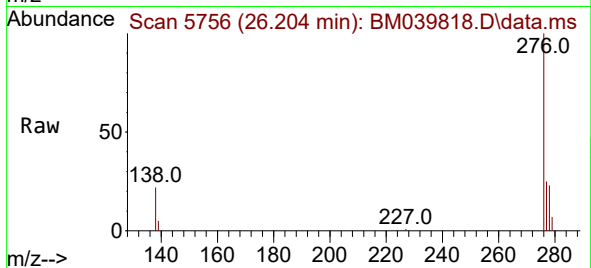
Tgt Ion:276 Resp: 598731

Ion Ratio Lower Upper

276 100

138 22.4 21.1 31.7

227 0.2 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 5.923 ng/ul

RT: 26.204 min Scan# 5756

Delta R.T. -0.008 min

Lab File: BM039818.D

Acq: 03 May 2023 01:20

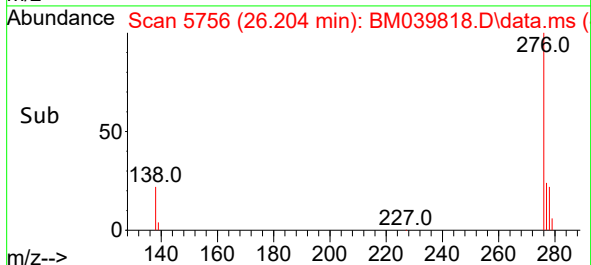
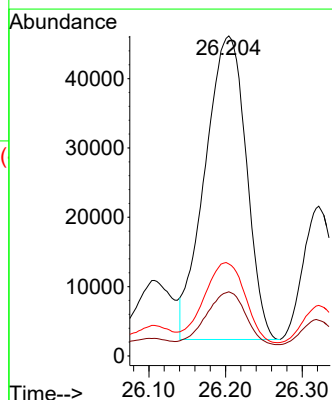
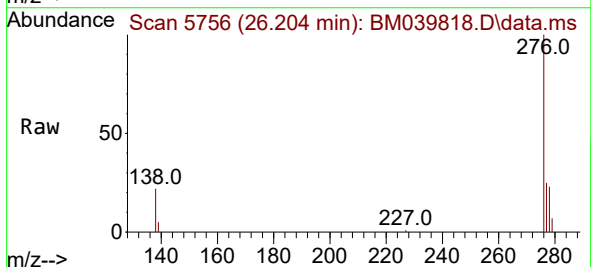
Tgt Ion:278 Resp: 163836

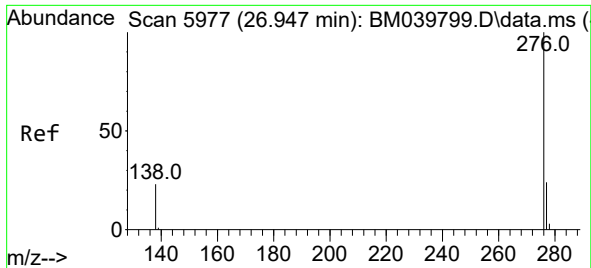
Ion Ratio Lower Upper

278 100

139 20.0 17.0 25.6

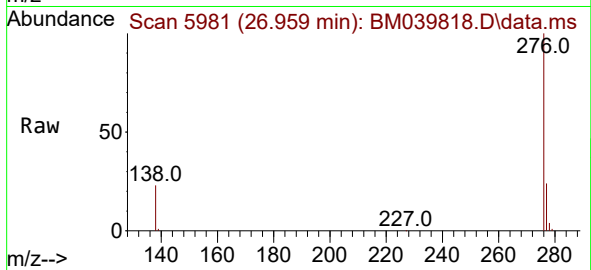
279 28.8 23.4 35.2





#29
Benzo(g,h,i)perylene
Concen: 17.856 ng/ul
RT: 26.959 min Scan# 5981
Delta R.T. 0.012 min
Lab File: BM039818.D
Acq: 03 May 2023 01:20

Instrument :
BNA_M
ClientSampleId :
EW921



Tgt Ion:276 Resp: 554531
Ion Ratio Lower Upper
276 100
138 22.9 20.1 30.1
277 24.3 20.1 30.1

