

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039763.D
 Acq On : 29 Apr 2023 07:56
 Operator : CG/JU
 Sample : 02417-04DL 5X
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8X0DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/01/2023
 Supervised By : Jagrut Upadhyay 05/01/2023

Quant Time: May 01 01:33:08 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 : Sat Apr 29 04:28:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	4595	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.599	136	18131	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.445	164	11189	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.198	188	22826	0.400	ng/ul	0.00
17) Chrysene-d12	21.397	240	14796	0.400	ng/ul	0.00
23) Perylene-d12	23.741	264	12005	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	3338	0.493	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.221	152	901	0.039	ng/ul	0.02
18) Fluoranthene-d10	19.233	212	2088	0.052	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.649	128	1602	0.035	ng/ul#	81
7) 2-Methylnaphthalene	12.298	142	675	0.026	ng/ul	92
10) Acenaphthylene	14.167	152	2835	0.065	ng/ul#	90
11) Acenaphthene	14.509	153	1043	0.031	ng/ul	96
12) Fluorene	15.499	166	1397	0.037	ng/ul#	94
15) Phenanthrene	17.241	178	24898	0.414	ng/ul	100
16) Anthracene	17.334	178	5654	0.109	ng/ul#	93
19) Fluoranthene	19.265	202	67473	1.278	ng/ul	97
20) Pyrene	19.628	202	68666	1.205	ng/ul	98
21) Benzo(a)anthracene	21.379	228	26126m	0.614	ng/ul	
22) Chrysene	21.432	228	28390m	0.590	ng/ul	
24) Benzo(b)fluoranthene	23.030	252	29747	0.706	ng/ul	99
25) Benzo(k)fluoranthene	23.071	252	9987m	0.233	ng/ul	
26) Benzo(a)pyrene	23.636	252	19455	0.514	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.168	276	14548	0.304	ng/ul#	49
28) Dibenzo(a,h)anthracene	26.168	278	4243	0.114	ng/ul#	73
29) Benzo(g,h,i)perylene	26.912	276	16918	0.406	ng/ul	98

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

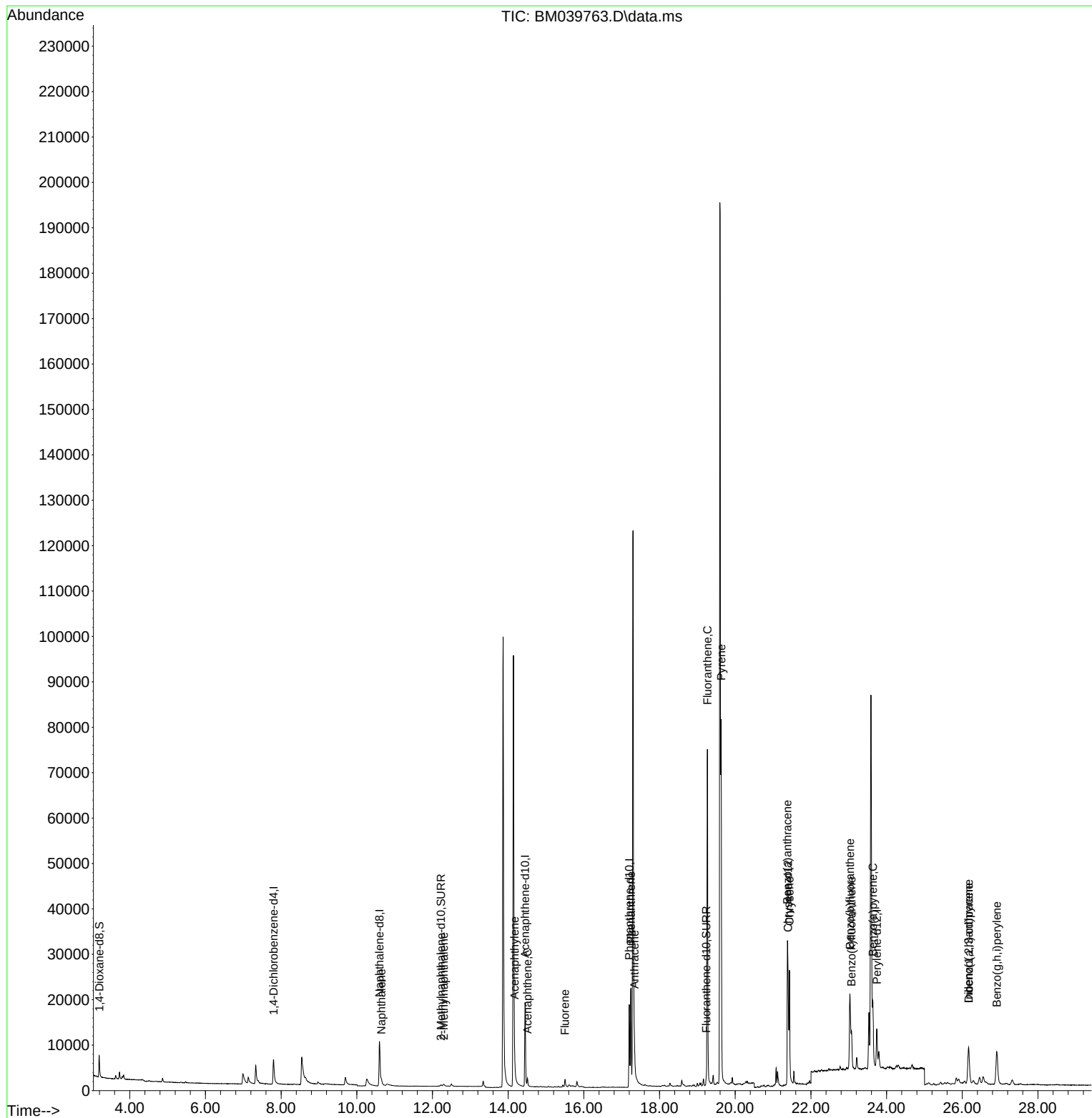
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039763.D
Acq On : 29 Apr 2023 07:56
Operator : CG/JU
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Misc :
ALS Vial : 67 Sample Multiplier: 1

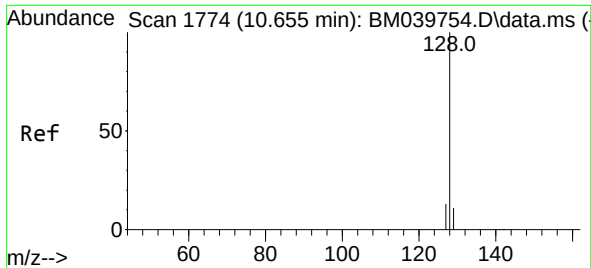
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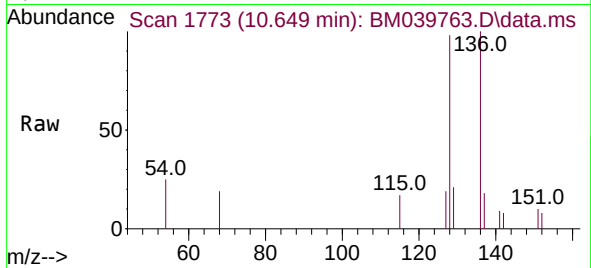
Quant Time: May 01 01:33:08 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 29 04:28:45 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.035 ng/ul
RT: 10.649 min Scan# 1773
Delta R.T. -0.007 min
Lab File: BM039763.D
Acq: 29 Apr 2023 07:56

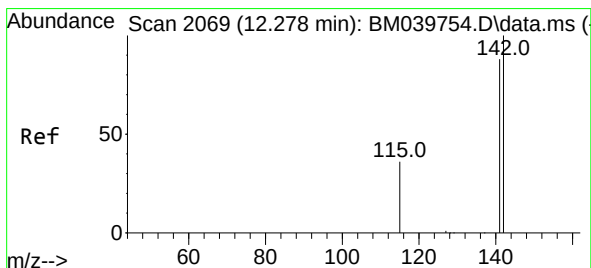
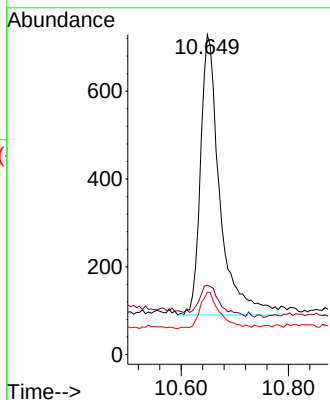
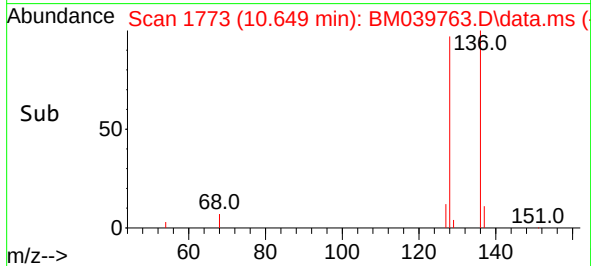
Instrument :
BNA_M
ClientSampleId :
EW8X0DL



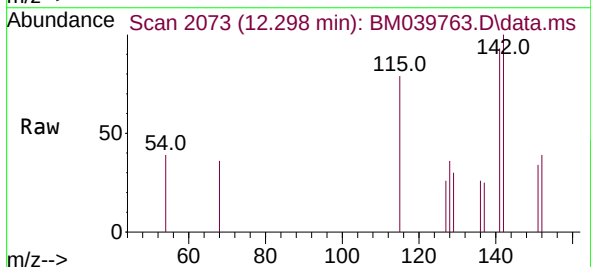
Tgt Ion:128 Resp: 1602
Ion Ratio Lower Upper
128 100
129 21.7 9.8 14.6
127 19.5 11.1 16.7

Manual Integrations
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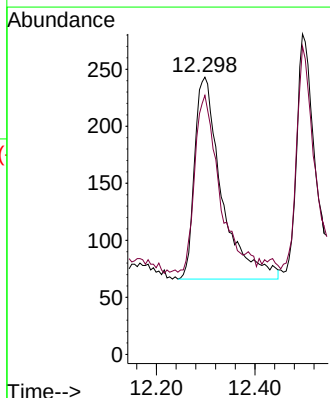
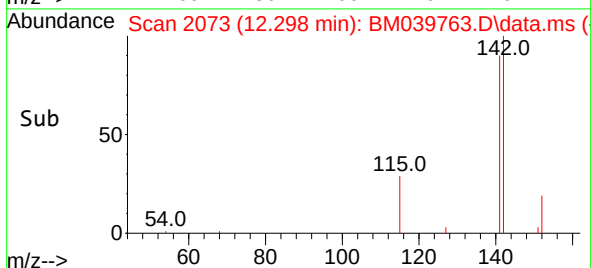
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

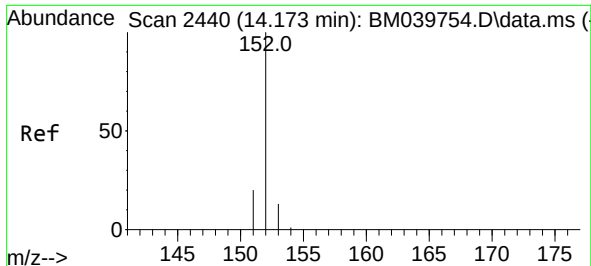


#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.298 min Scan# 2073
Delta R.T. 0.021 min
Lab File: BM039763.D
Acq: 29 Apr 2023 07:56



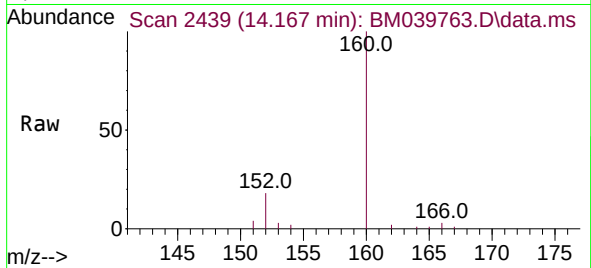
Tgt Ion:142 Resp: 675
Ion Ratio Lower Upper
142 100
141 84.0 73.2 109.8





#10
Acenaphthylene
Concen: 0.065 ng/u1
RT: 14.167 min Scan# 2440
Delta R.T. -0.006 min
Lab File: BM039763.D
Acq: 29 Apr 2023 07:56

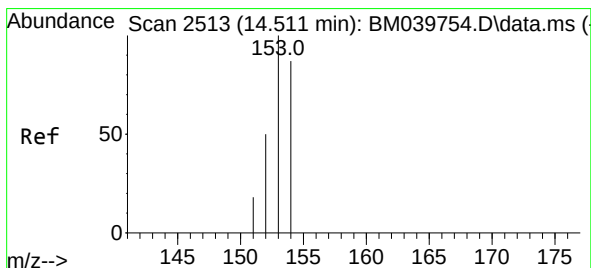
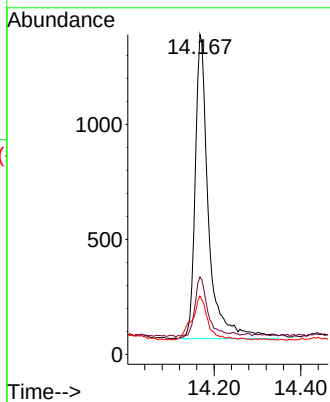
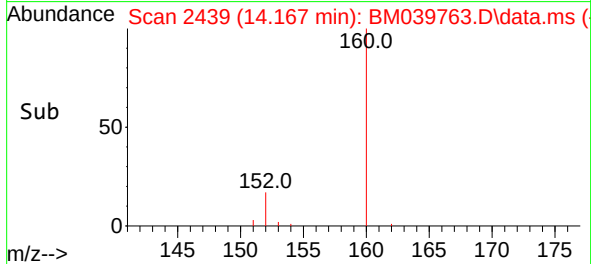
Instrument :
BNA_M
ClientSampleId :
EW8X0DL



Tgt Ion:152 Resp: 2835
Ion Ratio Lower Upper
152 100
151 24.2 16.0 24.0
153 18.3 11.2 16.8

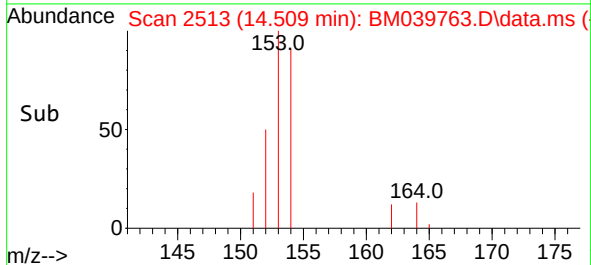
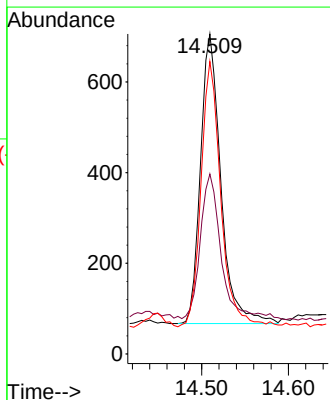
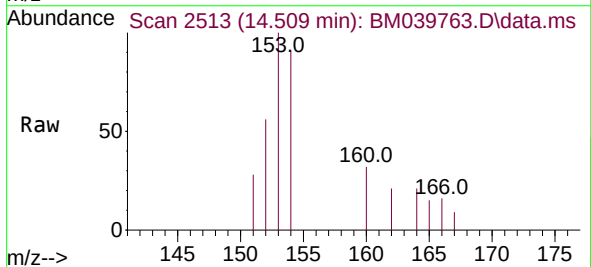
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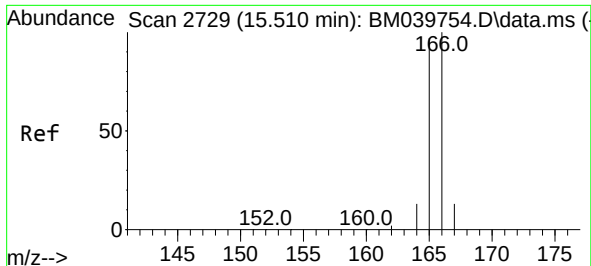
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#11
Acenaphthene
Concen: 0.031 ng/u1
RT: 14.509 min Scan# 2513
Delta R.T. -0.001 min
Lab File: BM039763.D
Acq: 29 Apr 2023 07:56

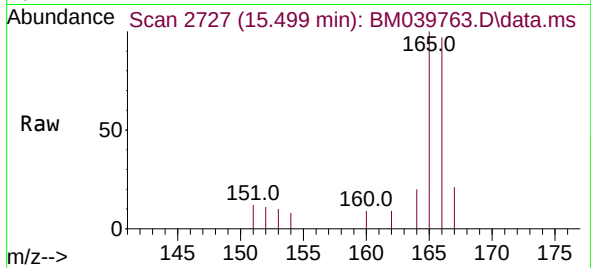
Tgt Ion:153 Resp: 1043
Ion Ratio Lower Upper
153 100
152 56.2 40.6 61.0
154 91.4 71.9 107.9





#12
Fluorene
Concen: 0.037 ng/ul
RT: 15.499 min Scan# 21
Delta R.T. -0.010 min
Lab File: BM039763.D
Acq: 29 Apr 2023 07:56

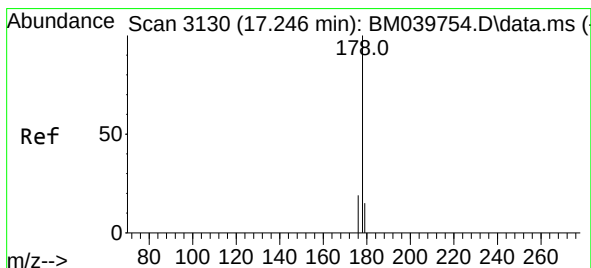
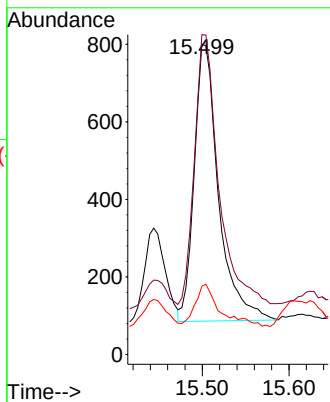
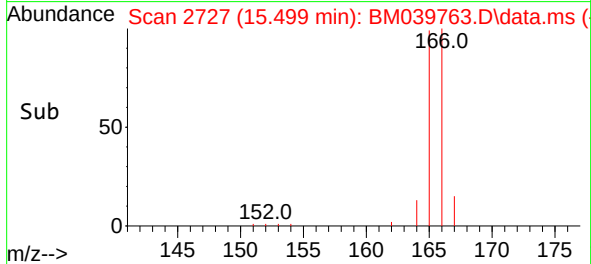
Instrument :
BNA_M
ClientSampleId :
EW8X0DL



Tgt Ion:166 Resp: 139
Ion Ratio Lower Upper
166 100
165 103.1 79.0 118.6
167 22.0 11.8 17.6

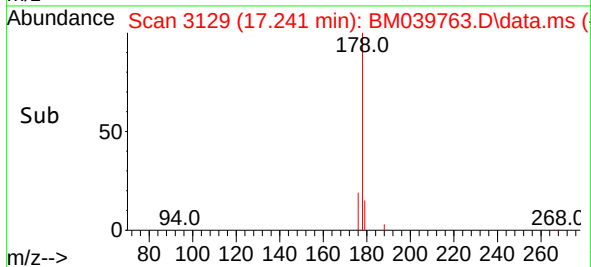
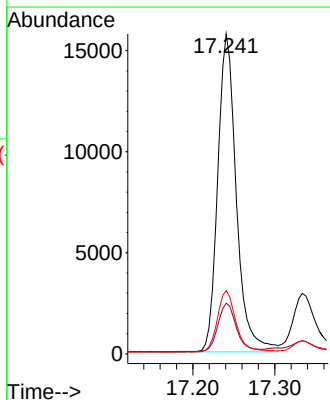
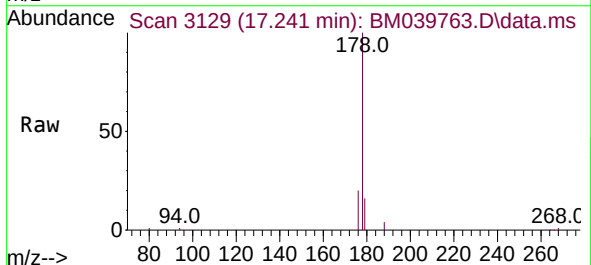
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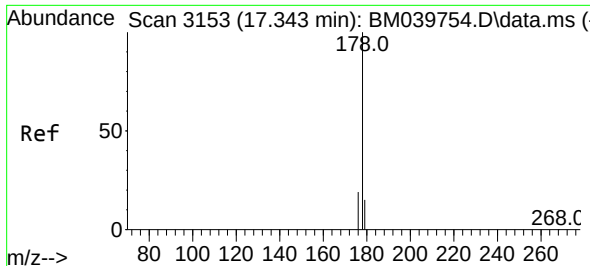
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#15
Phenanthrene
Concen: 0.414 ng/ul
RT: 17.241 min Scan# 3129
Delta R.T. -0.005 min
Lab File: BM039763.D
Acq: 29 Apr 2023 07:56

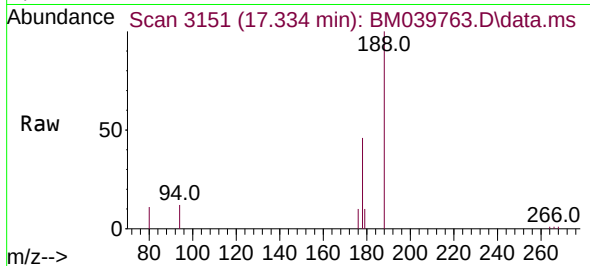
Tgt Ion:178 Resp: 24898
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 19.8 15.8 23.8





#16
 Anthracene
 Concen: 0.109 ng/ul
 RT: 17.334 min Scan# 3153
 Delta R.T. -0.010 min
 Lab File: BM039763.D
 Acq: 29 Apr 2023 07:56

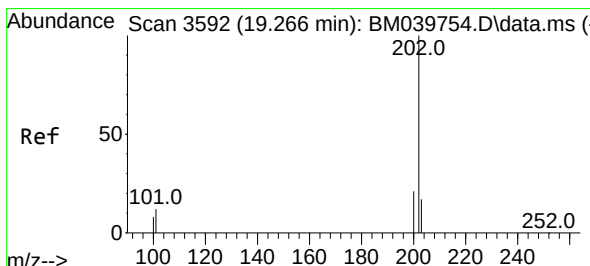
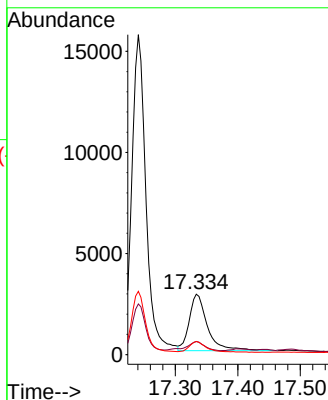
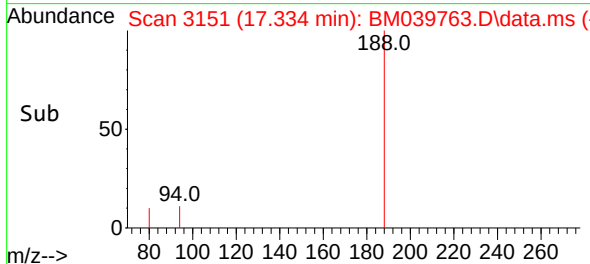
Instrument :
 BNA_M
 ClientSampleId :
 EW8X0DL



Tgt Ion:178 Resp: 5654
 Ion Ratio Lower Upper
 178 100
 179 21.5 13.8 20.6
 176 21.7 15.8 23.8

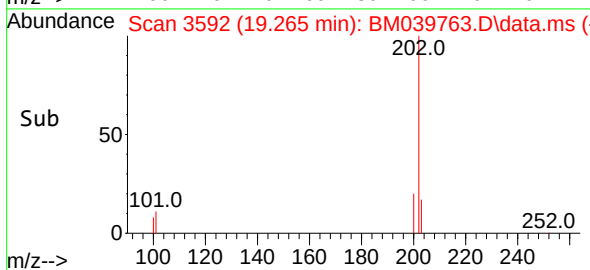
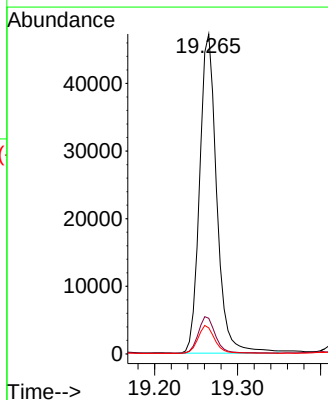
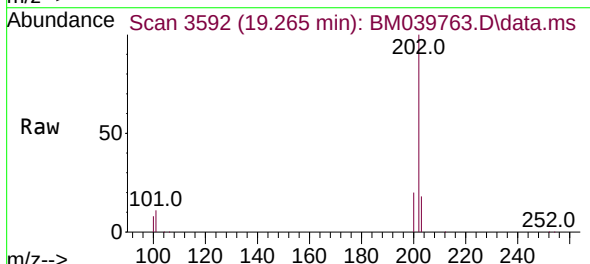
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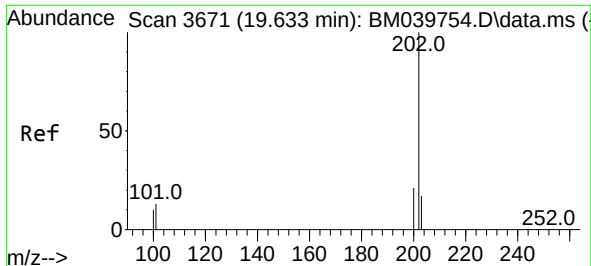
Reviewed By :Christian Giraldo 05/01/2023
 Supervised By :Jagrut Upadhyay 05/01/2023



#19
 Fluoranthene
 Concen: 1.278 ng/ul
 RT: 19.265 min Scan# 3592
 Delta R.T. -0.001 min
 Lab File: BM039763.D
 Acq: 29 Apr 2023 07:56

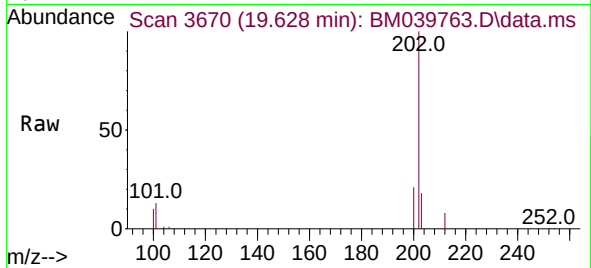
Tgt Ion:202 Resp: 67473
 Ion Ratio Lower Upper
 202 100
 101 11.1 9.8 14.8
 100 8.1 7.3 10.9





#20
Pyrene
Concen: 1.205 ng/ul
RT: 19.628 min Scan# 3670
Delta R.T. -0.006 min
Lab File: BM039763.D
Acq: 29 Apr 2023 07:56

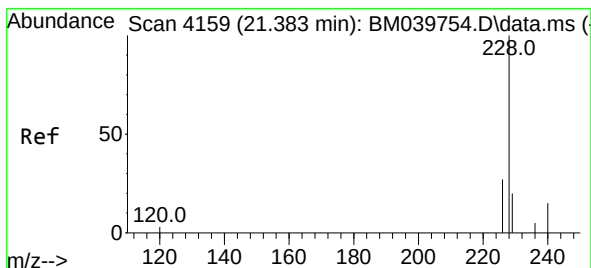
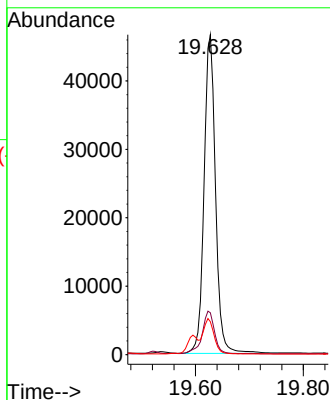
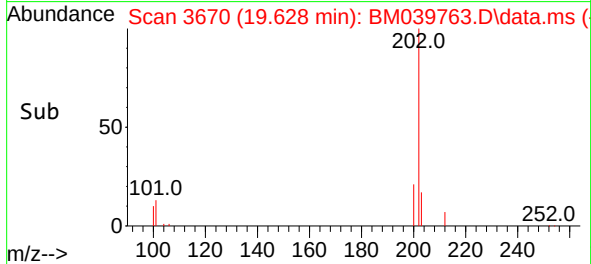
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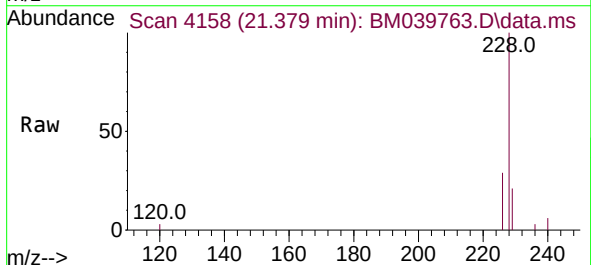
Tgt Ion:202 Resp: 68660
Ion Ratio Lower Upper
202 100
101 13.1 10.9 16.3
100 10.3 8.9 13.3

Manual Integrations
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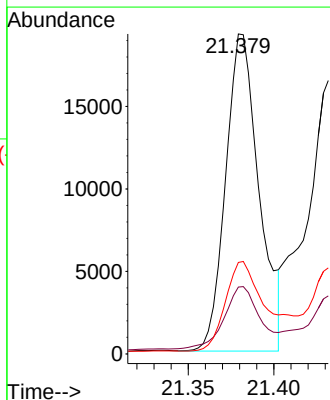
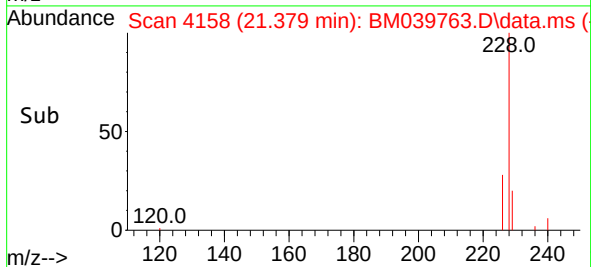
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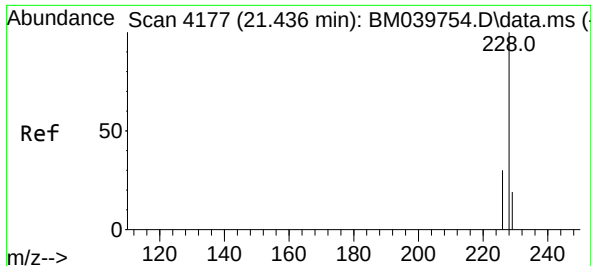


#21
Benzo(a)anthracene
Concen: 0.614 ng/ul m
RT: 21.379 min Scan# 4158
Delta R.T. -0.004 min
Lab File: BM039763.D
Acq: 29 Apr 2023 07:56



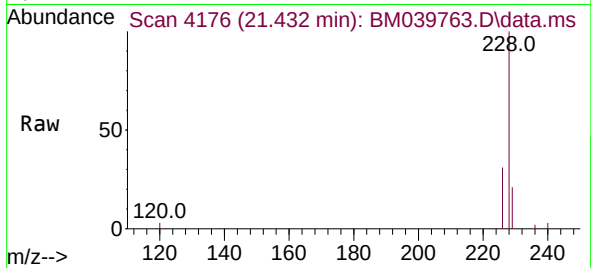
Tgt Ion:228 Resp: 26126
Ion Ratio Lower Upper
228 100
229 20.9 16.2 24.2
226 28.6 21.6 32.4





#22
Chrysene
Concen: 0.590 ng/ul m
RT: 21.432 min Scan# 4176
Delta R.T. -0.004 min
Lab File: BM039763.D
Acq: 29 Apr 2023 07:56

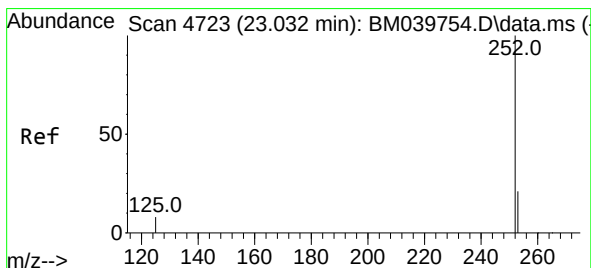
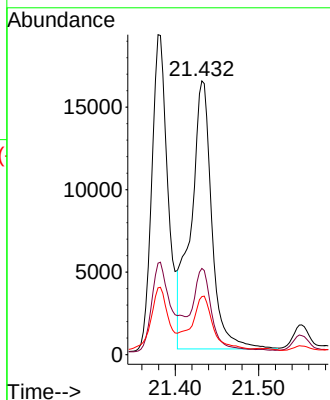
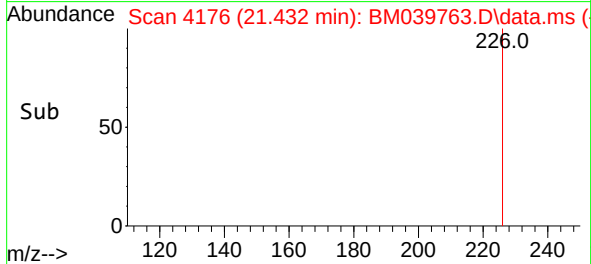
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Tgt Ion:228 Resp: 28390
Ion Ratio Lower Upper
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226 31.5 24.3 36.5
229 21.2 15.9 23.9

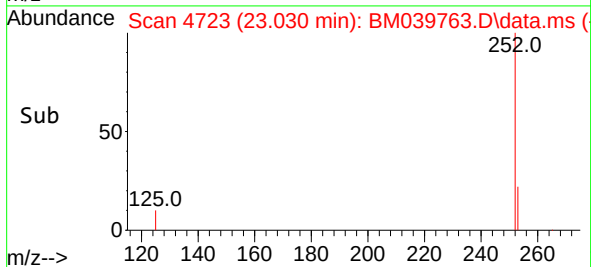
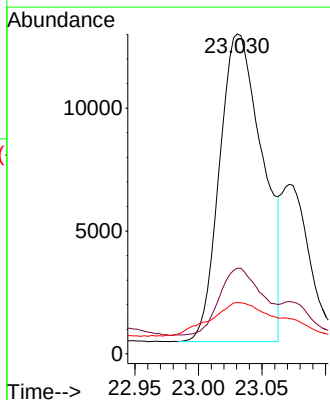
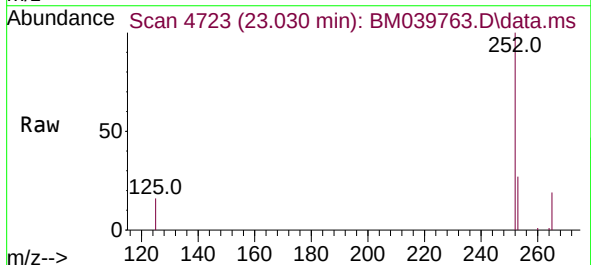
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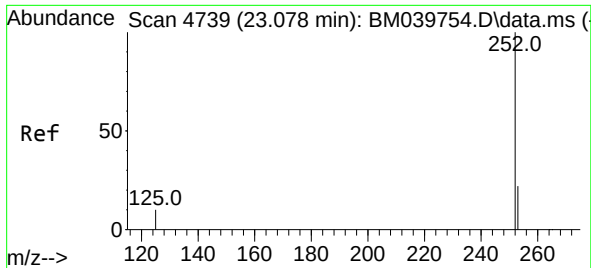
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#24
Benzo(b)fluoranthene
Concen: 0.706 ng/ul
RT: 23.030 min Scan# 4723
Delta R.T. -0.001 min
Lab File: BM039763.D
Acq: 29 Apr 2023 07:56

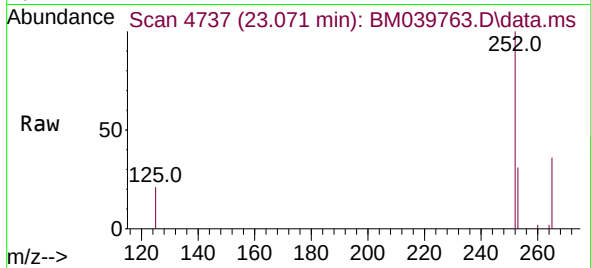
Tgt Ion:252 Resp: 29747
Ion Ratio Lower Upper
252 100
253 26.8 0.0 52.8
125 16.0 0.0 31.6





#25
Benzo(k)fluoranthene
Concen: 0.233 ng/ul m
RT: 23.071 min Scan# 4739
Delta R.T. -0.007 min
Lab File: BM039763.D
Acq: 29 Apr 2023 07:56

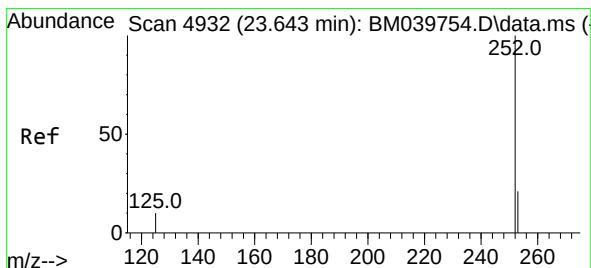
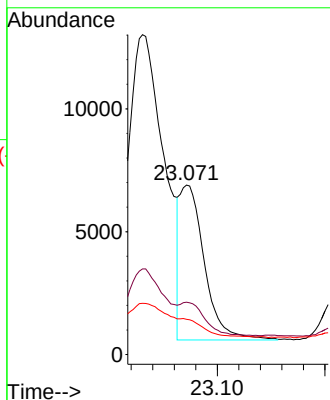
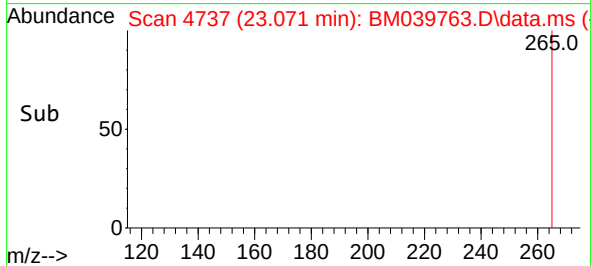
Instrument :
BNA_M
ClientSampleId :
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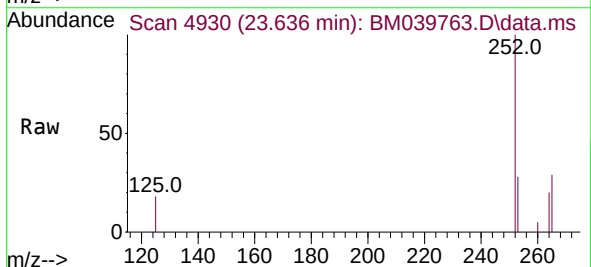
Tgt Ion:252 Resp: 998
Ion Ratio Lower Upper
252 100
253 30.9 21.3 31.9
125 20.8 13.0 19.6

Manual Integrations
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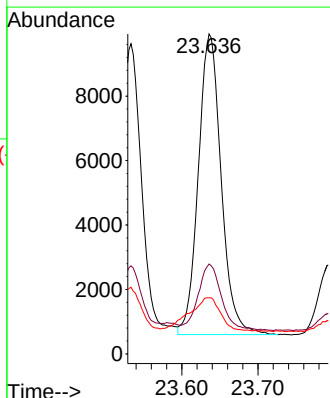
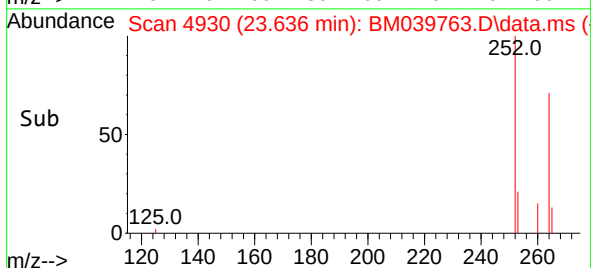
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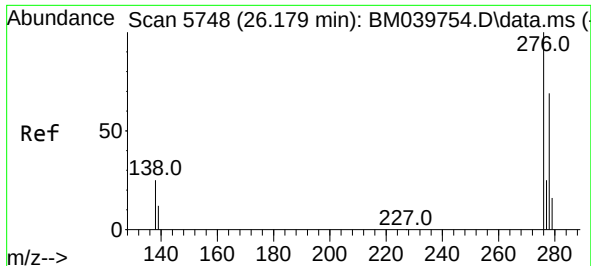


#26
Benzo(a)pyrene
Concen: 0.514 ng/ul
RT: 23.636 min Scan# 4930
Delta R.T. -0.007 min
Lab File: BM039763.D
Acq: 29 Apr 2023 07:56



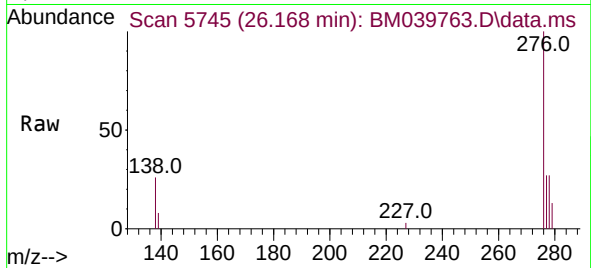
Tgt Ion:252 Resp: 19455
Ion Ratio Lower Upper
252 100
253 28.1 24.7 37.1
125 17.5 16.5 24.7





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.304 ng/ul
RT: 26.168 min Scan# 5745
Delta R.T. -0.011 min
Lab File: BM039763.D
Acq: 29 Apr 2023 07:56

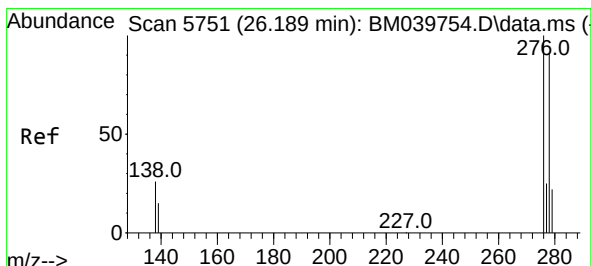
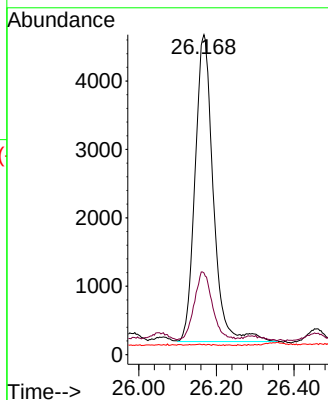
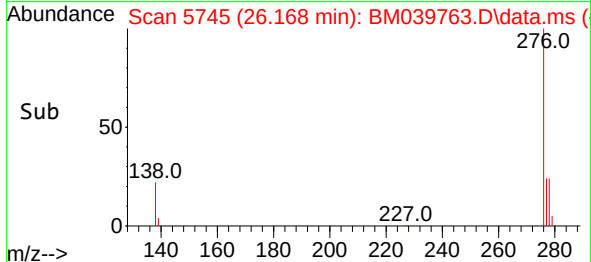
Instrument :
BNA_M
ClientSampleId :
EW8X0DL



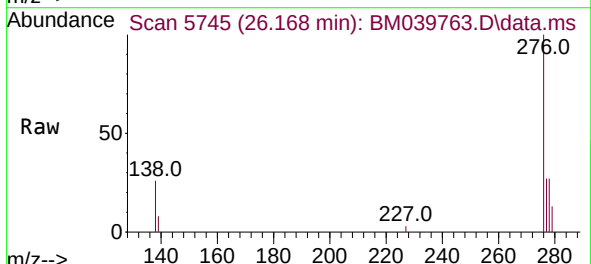
Tgt Ion:276 Resp: 14548
Ion Ratio Lower Upper
276 100
138 0.0 21.1 31.7#
227 0.0 0.1 0.1#

Manual Integrations
APPROVED

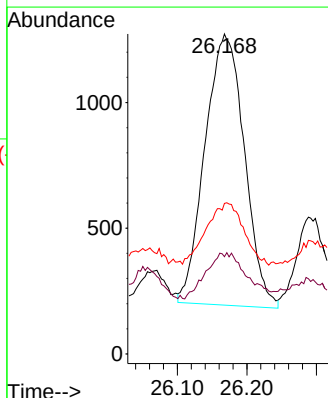
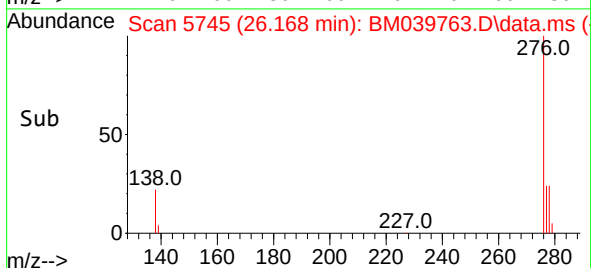
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

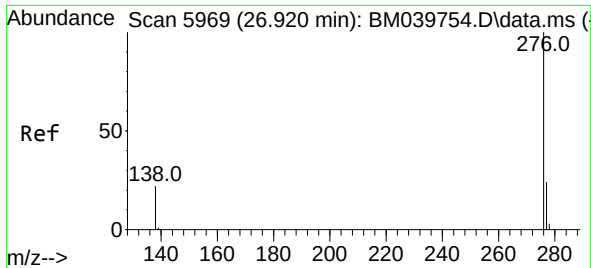


#28
Dibenzo(a,h)anthracene
Concen: 0.114 ng/ul
RT: 26.168 min Scan# 5745
Delta R.T. -0.021 min
Lab File: BM039763.D
Acq: 29 Apr 2023 07:56



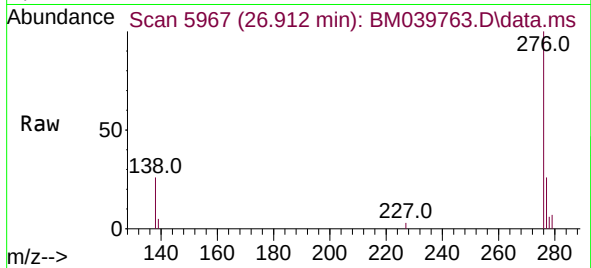
Tgt Ion:278 Resp: 4243
Ion Ratio Lower Upper
278 100
139 30.4 17.0 25.6#
279 47.1 23.4 35.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.406 ng/ul
 RT: 26.912 min Scan# 5967
 Delta R.T. -0.008 min
 Lab File: BM039763.D
 Acq: 29 Apr 2023 07:56

Instrument :
 BNA_M
 ClientSampleId :
 EW8X0DL



Tgt Ion:276 Resp: 16918
 Ion Ratio Lower Upper
 276 100
 138 25.6 20.1 30.1
 277 26.2 20.1 30.1

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/01/2023
 Supervised By :Jagrut Upadhyay 05/01/2023

