

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039733.D
 Acq On : 28 Apr 2023 13:14
 Operator : CG/JU
 Sample : 02418-22DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8Z6DL

Manual Integrations
 APPROVED

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

Quant Time: Apr 29 02:03:52 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 : Fri Apr 28 02:30:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	3235	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.600	136	12614	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.451	164	7726	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	17306	0.400	ng/ul	-0.02
17) Chrysene-d12	21.395	240	15583	0.400	ng/ul	-0.01
23) Perylene-d12	23.742	264	13494	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.188	96	2155	0.452	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.206	152	625	0.039	ng/ul	-0.01
18) Fluoranthene-d10	19.234	212	1677	0.040	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.655	128	11856	0.374	ng/ul	99
7) 2-Methylnaphthalene	12.283	142	2747	0.150	ng/ul	99
8) 1-Methylnaphthalene	12.492	142	2321	0.118	ng/ul	98
10) Acenaphthylene	14.173	152	4314	0.144	ng/ul#	92
11) Acenaphthene	14.511	153	9793	0.417	ng/ul	99
12) Fluorene	15.505	166	12526	0.481	ng/ul	98
15) Phenanthrene	17.242	178	225739	4.951	ng/ul	98
16) Anthracene	17.335	178	44452	1.135	ng/ul	99
19) Fluoranthene	19.262	202	413760	7.443	ng/ul	100
20) Pyrene	19.629	202	336387	5.603	ng/ul	98
21) Benzo(a)anthracene	21.381	228	179837	4.014	ng/ul	99
22) Chrysene	21.433	228	170624	3.365	ng/ul	98
24) Benzo(b)fluoranthene	23.029	252	225301	4.754	ng/ul	93
25) Benzo(k)fluoranthene	23.073	252	75302m	1.561	ng/ul	
26) Benzo(a)pyrene	23.637	252	132366	3.111	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.162	276	93150	1.731	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.172	278	21872	0.524	ng/ul	97
29) Benzo(g,h,i)perylene	26.913	276	74676	1.593	ng/ul	98

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

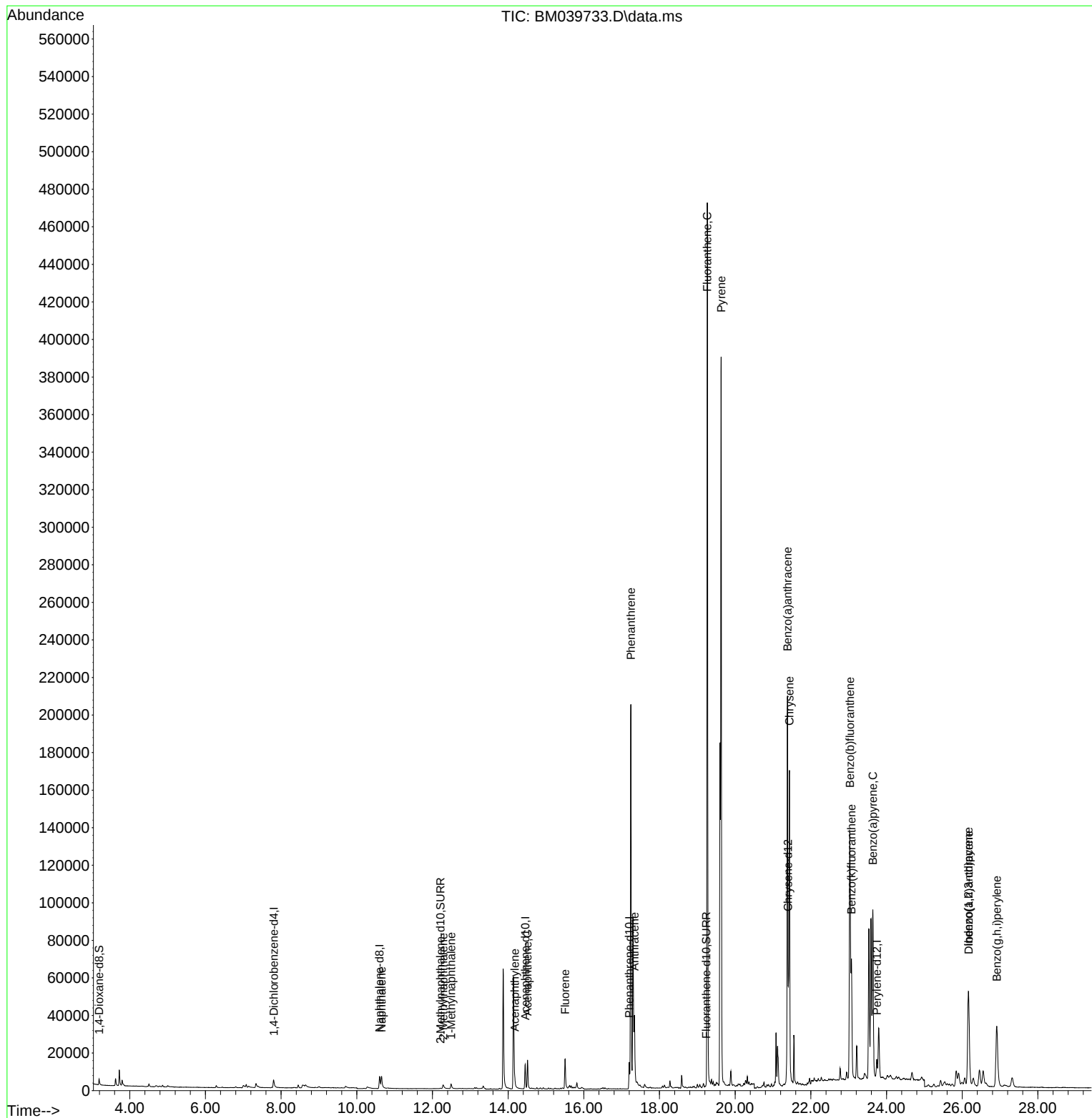
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039733.D
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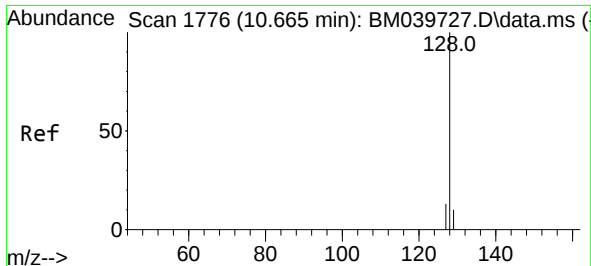
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Quant Time: Apr 29 02:03:52 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
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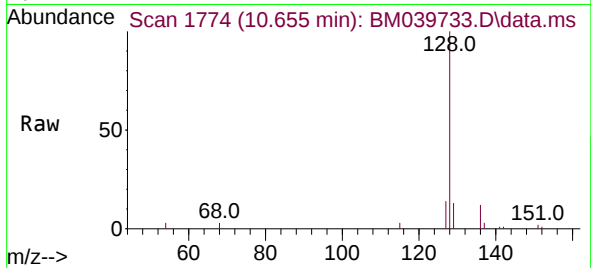
Reviewed By : Christian Giraldo 05/01/2023
Supervised By : Jagrut Upadhyay 05/01/2023





#5
Naphthalene
Concen: 0.374 ng/ul
RT: 10.655 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039733.D
Acq: 28 Apr 2023 13:14

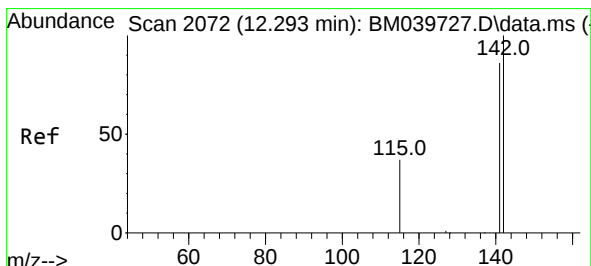
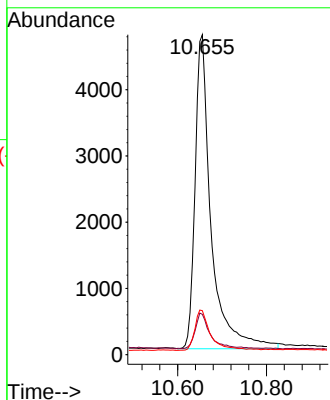
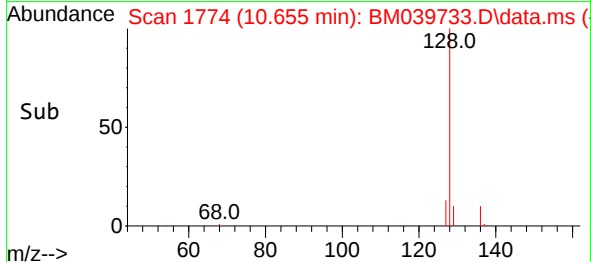
Instrument :
BNA_M
ClientSampleId :
EW8Z6DL



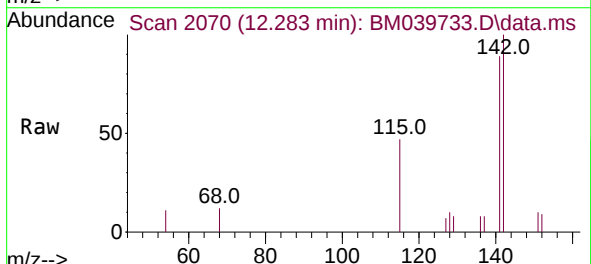
Tgt Ion:128 Resp: 11856
Ion Ratio Lower Upper
128 100
129 12.6 9.8 14.6
127 13.7 11.1 16.7

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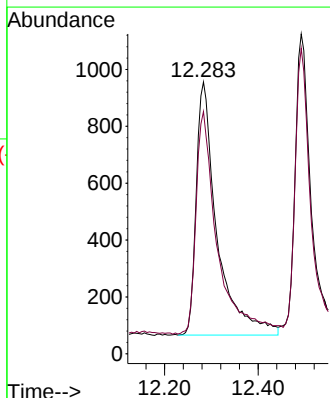
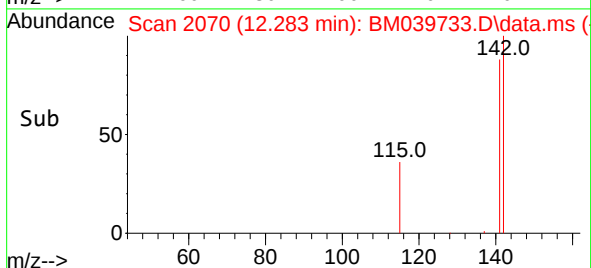
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

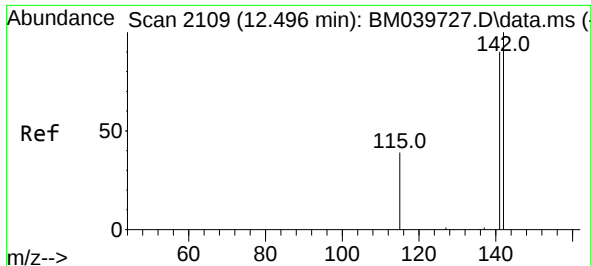


#7
2-Methylnaphthalene
Concen: 0.150 ng/ul
RT: 12.283 min Scan# 2070
Delta R.T. -0.006 min
Lab File: BM039733.D
Acq: 28 Apr 2023 13:14



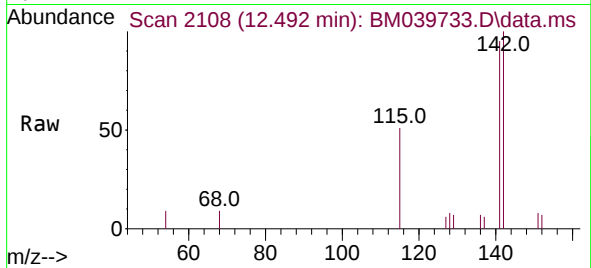
Tgt Ion:142 Resp: 2747
Ion Ratio Lower Upper
142 100
141 90.9 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.118 ng/ul
RT: 12.492 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BM039733.D
Acq: 28 Apr 2023 13:14

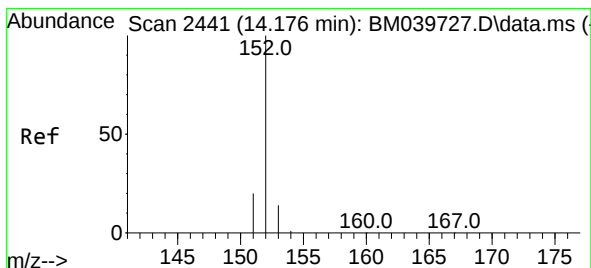
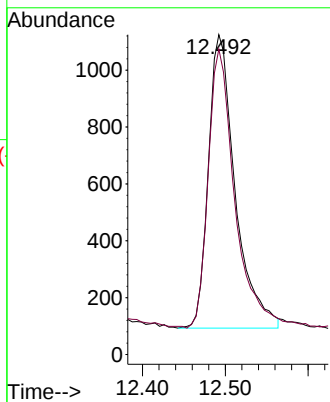
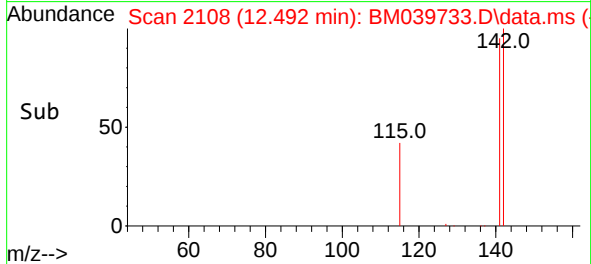
Instrument :
BNA_M
ClientSampleId :
EW8Z6DL



Tgt Ion:142 Resp: 232
Ion Ratio Lower Upper
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141 93.6 73.4 110.2

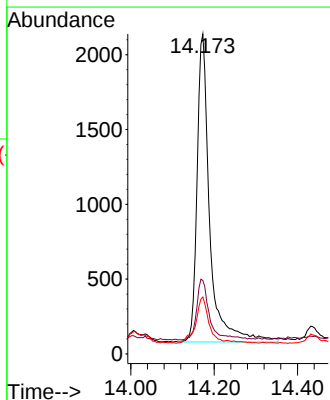
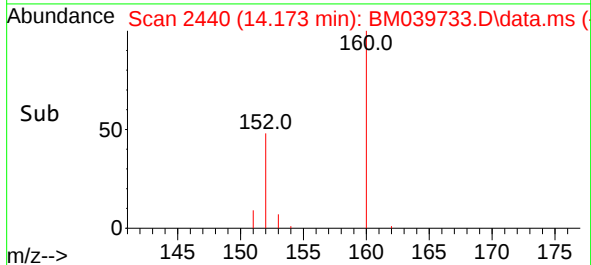
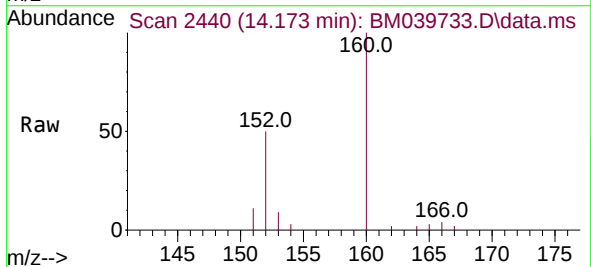
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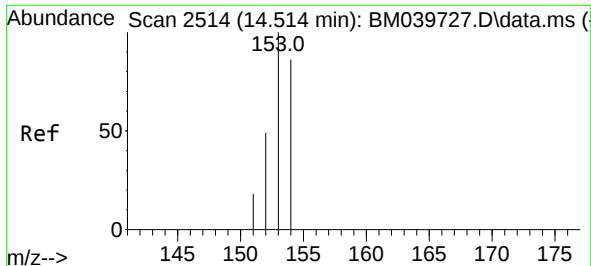
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#10
Acenaphthylene
Concen: 0.144 ng/ul
RT: 14.173 min Scan# 2440
Delta R.T. -0.009 min
Lab File: BM039733.D
Acq: 28 Apr 2023 13:14

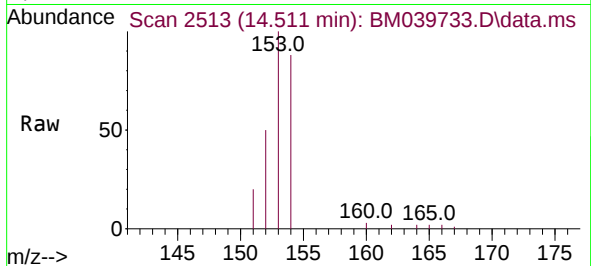
Tgt Ion:152 Resp: 4314
Ion Ratio Lower Upper
152 100
151 22.9 16.0 24.0
153 17.8 11.2 16.8#





#11
Acenaphthene
Concen: 0.417 ng/ul
RT: 14.511 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM039733.D
Acq: 28 Apr 2023 13:14

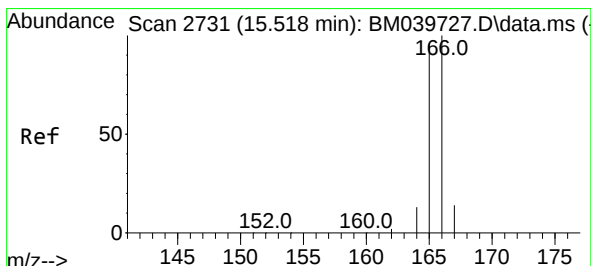
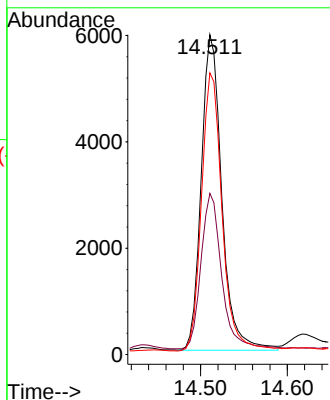
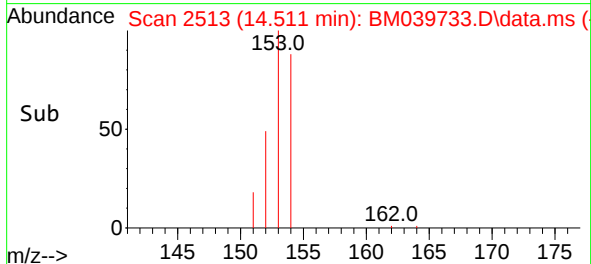
Instrument :
BNA_M
ClientSampleId :
EW8Z6DL



Tgt Ion:153 Resp: 9793
Ion Ratio Lower Upper
153 100
152 50.4 40.6 61.0
154 88.1 71.9 107.9

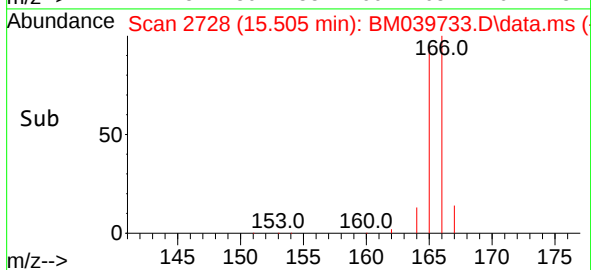
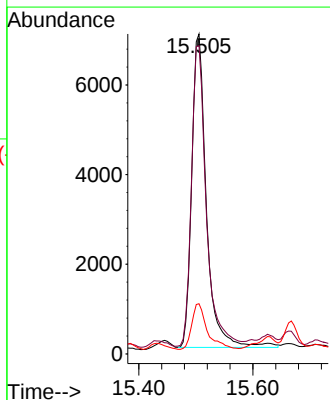
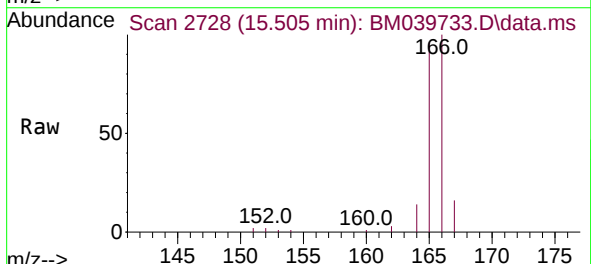
Manual Integrations
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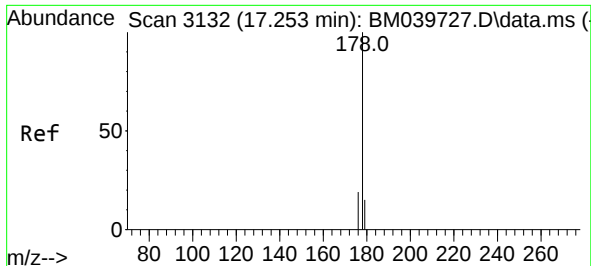
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#12
Fluorene
Concen: 0.481 ng/ul
RT: 15.505 min Scan# 2728
Delta R.T. -0.014 min
Lab File: BM039733.D
Acq: 28 Apr 2023 13:14

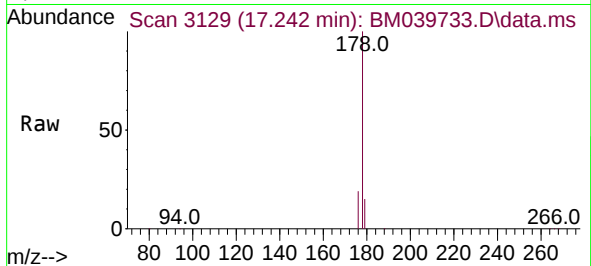
Tgt Ion:166 Resp: 12526
Ion Ratio Lower Upper
166 100
165 96.3 79.0 118.6
167 15.7 11.8 17.6





#15
Phenanthrene
Concen: 4.951 ng/ul
RT: 17.242 min Scan# 3132
Delta R.T. -0.013 min
Lab File: BM039733.D
Acq: 28 Apr 2023 13:14

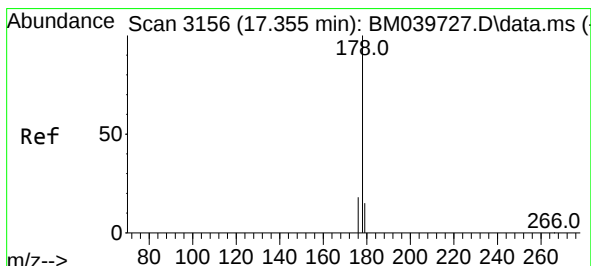
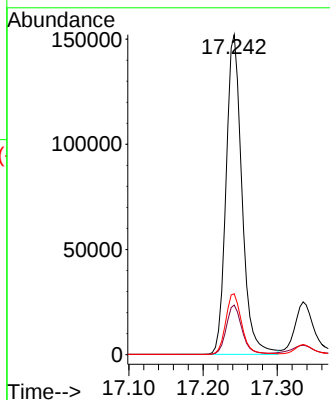
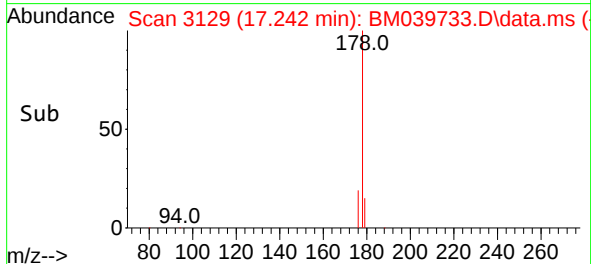
Instrument :
BNA_M
ClientSampleId :
EW8Z6DL



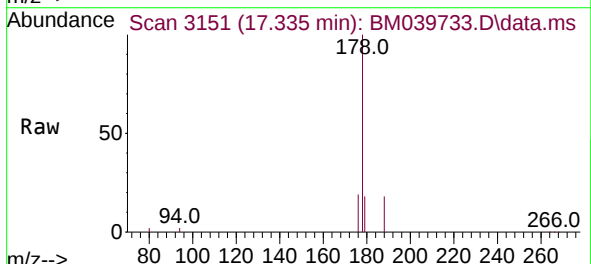
Tgt Ion:178 Resp: 225739
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.0 15.8 23.8

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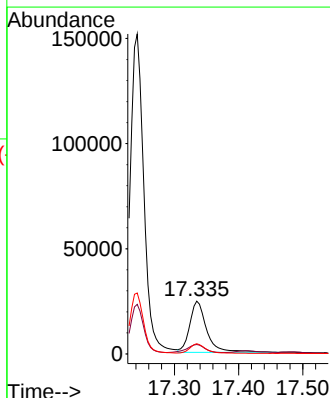
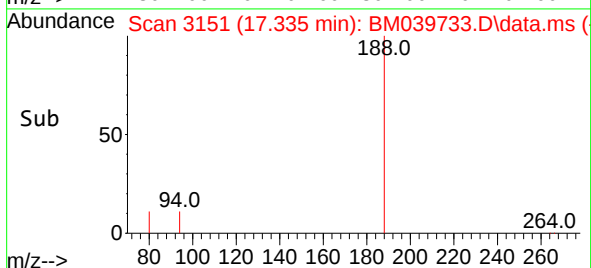
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

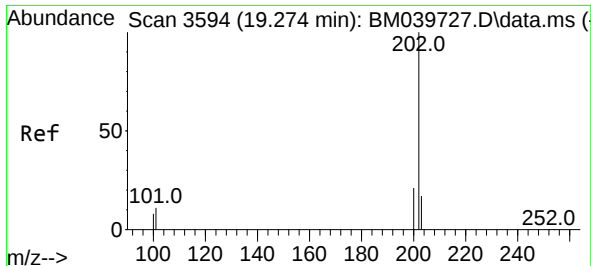


#16
Anthracene
Concen: 1.135 ng/ul
RT: 17.335 min Scan# 3151
Delta R.T. -0.021 min
Lab File: BM039733.D
Acq: 28 Apr 2023 13:14



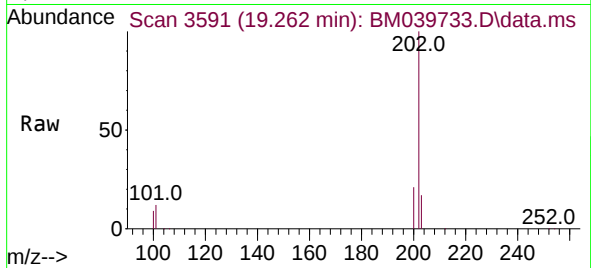
Tgt Ion:178 Resp: 44452
Ion Ratio Lower Upper
178 100
179 17.6 13.8 20.6
176 19.1 15.8 23.8





#19
Fluoranthene
Concen: 7.443 ng/ul
RT: 19.262 min Scan# 3591
Delta R.T. -0.014 min
Lab File: BM039733.D
Acq: 28 Apr 2023 13:14

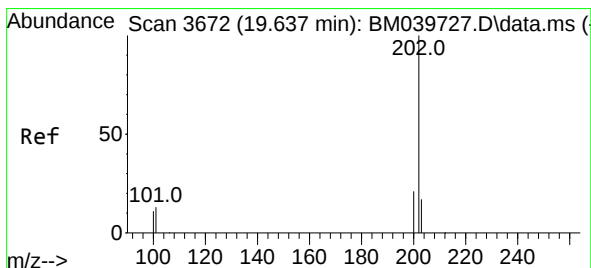
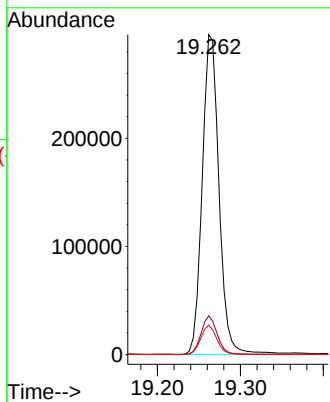
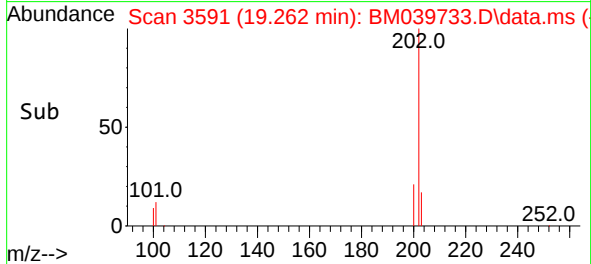
Instrument :
BNA_M
ClientSampleId :
EW8Z6DL



Tgt Ion:202 Resp: 413760
Ion Ratio Lower Upper
202 100
101 12.1 9.8 14.8
100 9.2 7.3 10.9

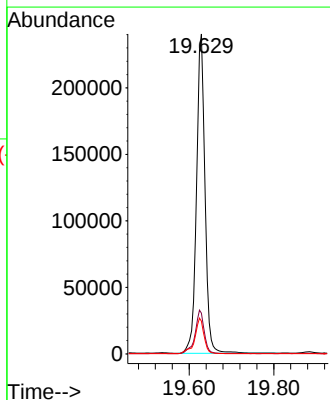
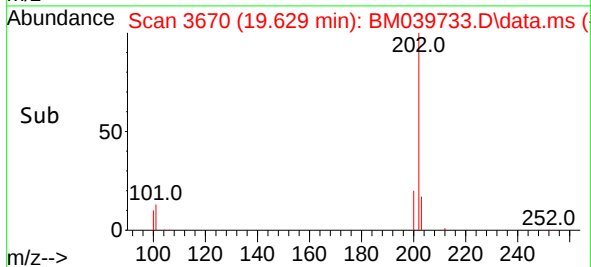
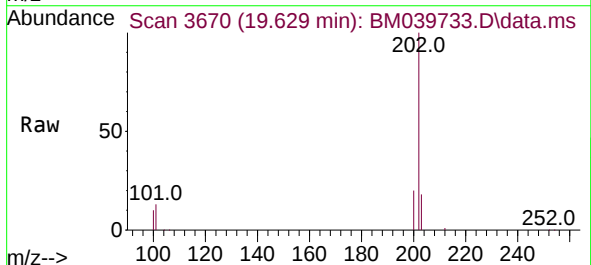
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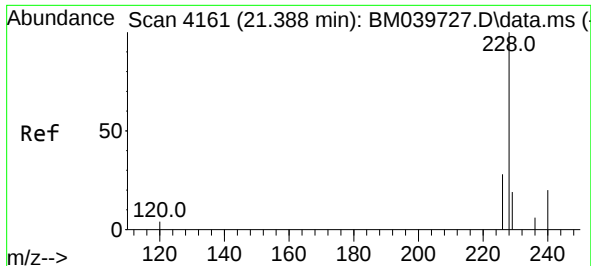
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#20
Pyrene
Concen: 5.603 ng/ul
RT: 19.629 min Scan# 3670
Delta R.T. -0.014 min
Lab File: BM039733.D
Acq: 28 Apr 2023 13:14

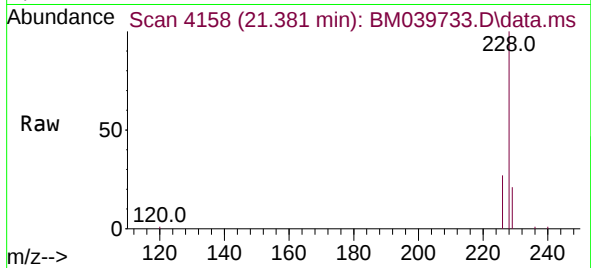
Tgt Ion:202 Resp: 336387
Ion Ratio Lower Upper
202 100
101 12.7 10.9 16.3
100 10.2 8.9 13.3





#21
Benzo(a)anthracene
Concen: 4.014 ng/ul
RT: 21.381 min Scan# 4161
Delta R.T. -0.016 min
Lab File: BM039733.D
Acq: 28 Apr 2023 13:14

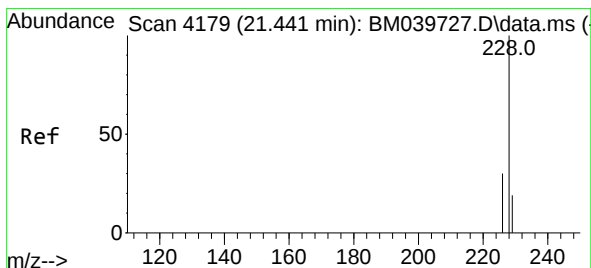
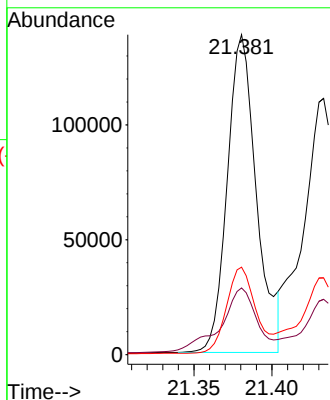
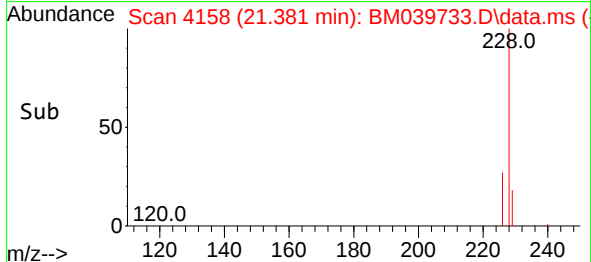
Instrument :
BNA_M
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EW8Z6DL



Tgt Ion:228 Resp: 179837
Ion Ratio Lower Upper
228 100
229 20.8 16.2 24.2
226 27.3 21.6 32.4

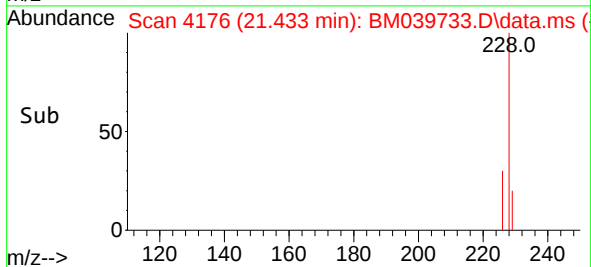
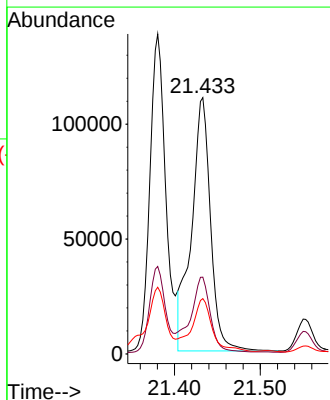
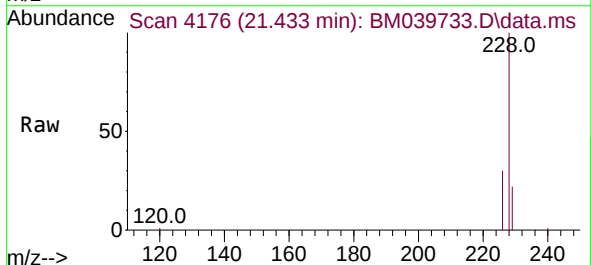
Manual Integrations
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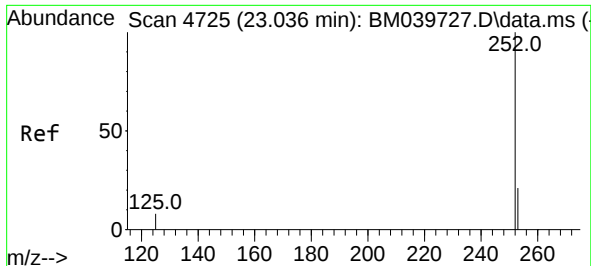
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#22
Chrysene
Concen: 3.365 ng/ul
RT: 21.433 min Scan# 4176
Delta R.T. -0.013 min
Lab File: BM039733.D
Acq: 28 Apr 2023 13:14

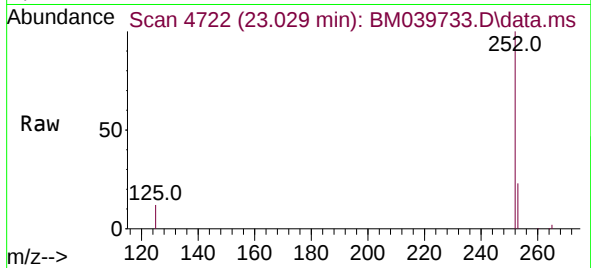
Tgt Ion:228 Resp: 170624
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 21.6 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 4.754 ng/ul
RT: 23.029 min Scan# 4722
Delta R.T. -0.016 min
Lab File: BM039733.D
Acq: 28 Apr 2023 13:14

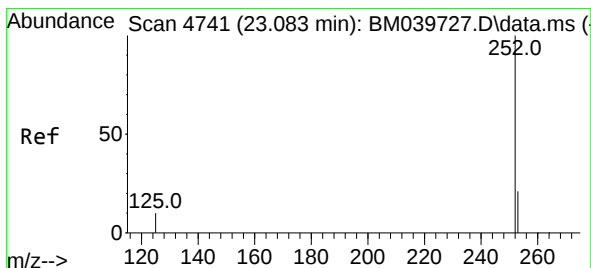
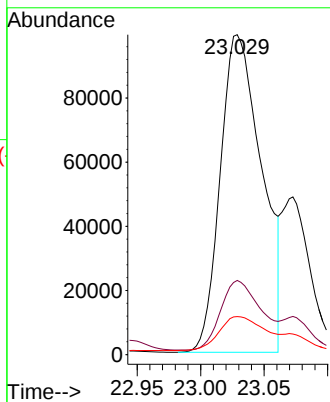
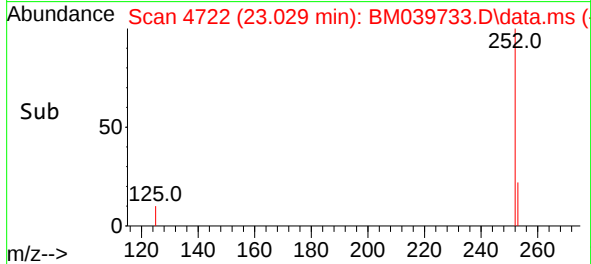
Instrument :
BNA_M
ClientSampleId :
EW8Z6DL



Tgt Ion:252 Resp: 225302
Ion Ratio Lower Upper
252 100
253 23.2 0.0 52.8
125 11.9 0.0 31.6

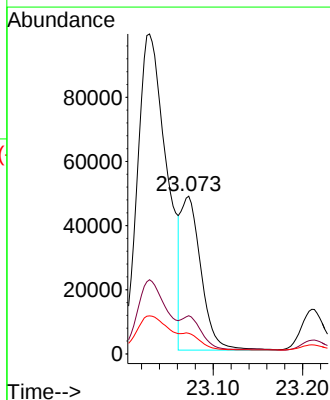
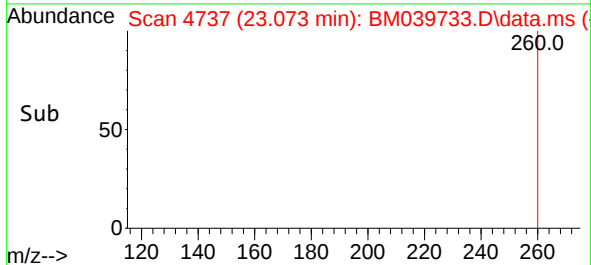
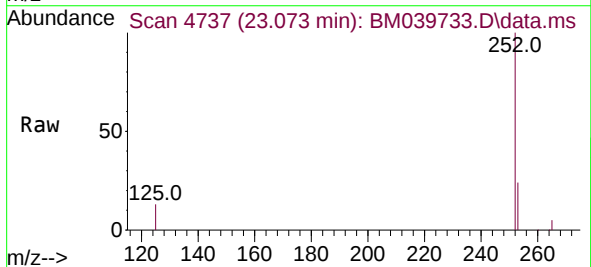
Manual Integrations
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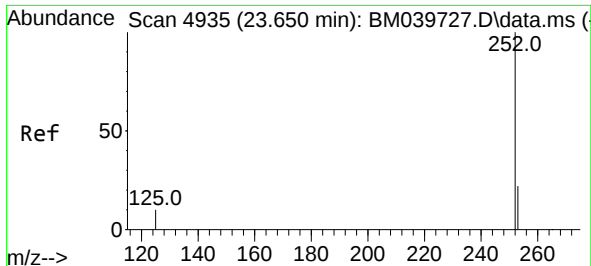
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#25
Benzo(k)fluoranthene
Concen: 1.561 ng/ul m
RT: 23.073 min Scan# 4737
Delta R.T. -0.022 min
Lab File: BM039733.D
Acq: 28 Apr 2023 13:14

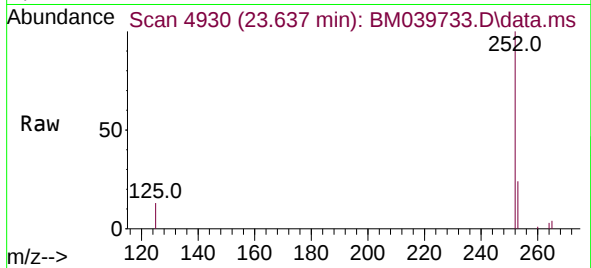
Tgt Ion:252 Resp: 75302
Ion Ratio Lower Upper
252 100
253 24.2 21.3 31.9
125 13.0 13.0 19.6#





#26
Benzo(a)pyrene
Concen: 3.111 ng/ul
RT: 23.637 min Scan# 4930
Delta R.T. -0.028 min
Lab File: BM039733.D
Acq: 28 Apr 2023 13:14

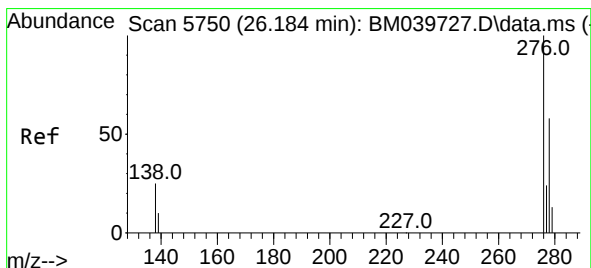
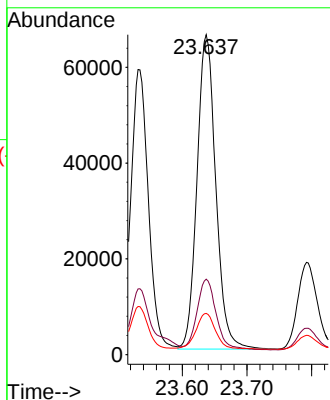
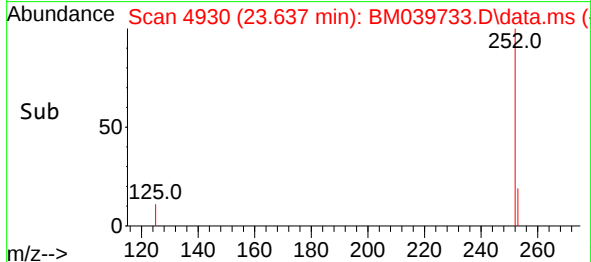
Instrument :
BNA_M
ClientSampleId :
EW8Z6DL



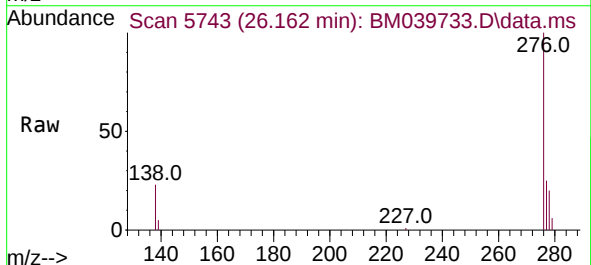
Tgt Ion:252 Resp: 132366
Ion Ratio Lower Upper
252 100
253 23.6 24.7 37.1#
125 12.9 16.5 24.7#

Manual Integrations
APPROVED

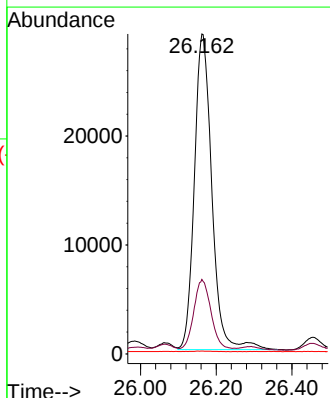
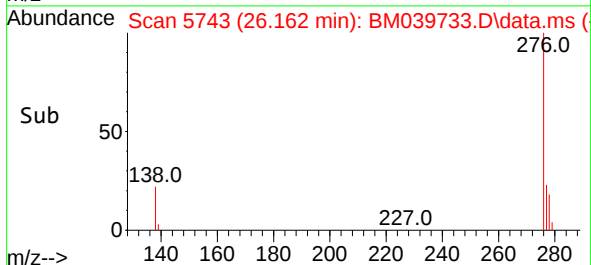
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

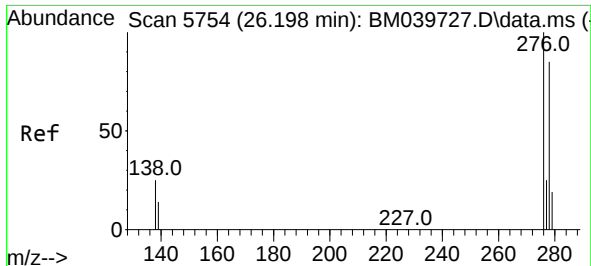


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.731 ng/ul
RT: 26.162 min Scan# 5743
Delta R.T. -0.039 min
Lab File: BM039733.D
Acq: 28 Apr 2023 13:14



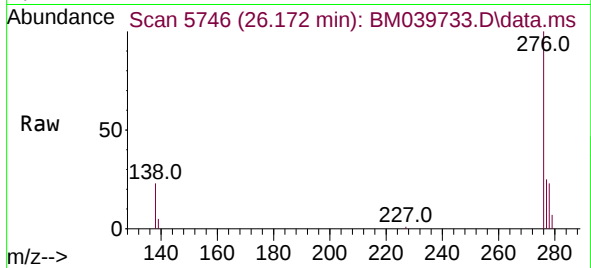
Tgt Ion:276 Resp: 93150
Ion Ratio Lower Upper
276 100
138 21.4 21.1 31.7
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.524 ng/ul
RT: 26.172 min Scan# 51
Delta R.T. -0.045 min
Lab File: BM039733.D
Acq: 28 Apr 2023 13:14

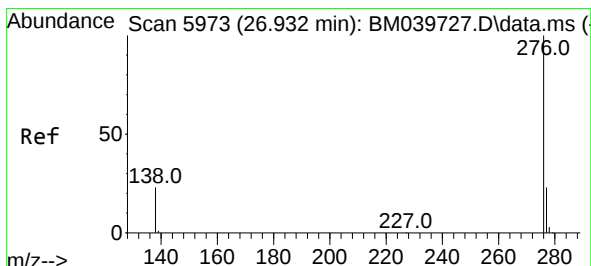
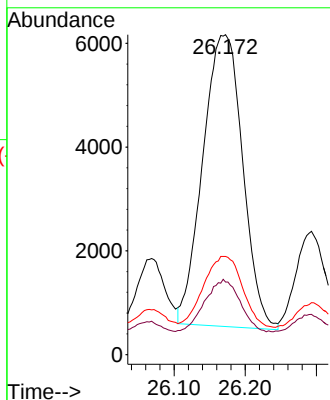
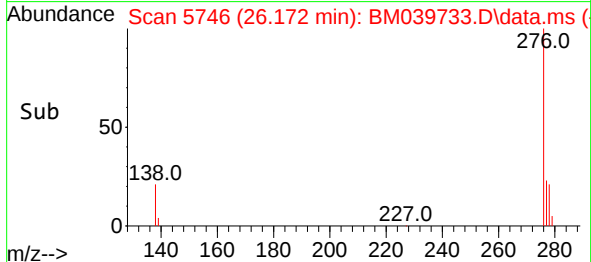
Instrument :
BNA_M
ClientSampleId :
EW8Z6DL



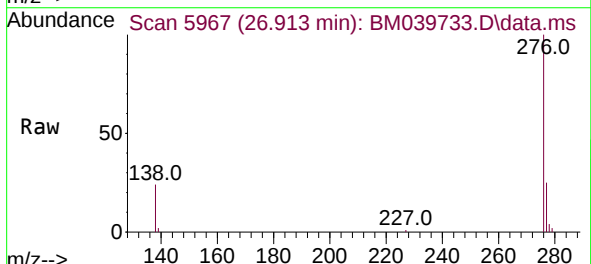
Tgt Ion:278 Resp: 21872
Ion Ratio Lower Upper
278 100
139 22.7 17.0 25.6
279 30.7 23.4 35.2

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



#29
Benzo(g,h,i)perylene
Concen: 1.593 ng/ul
RT: 26.913 min Scan# 5967
Delta R.T. -0.035 min
Lab File: BM039733.D
Acq: 28 Apr 2023 13:14



Tgt Ion:276 Resp: 74676
Ion Ratio Lower Upper
276 100
138 23.6 20.1 30.1
277 24.7 20.1 30.1

