

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039745.D
 Acq On : 28 Apr 2023 20:30
 Operator : CG/JU
 Sample : 02417-01
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8W7

Manual Integrations
 APPROVED

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

Quant Time: Apr 29 02:25:50 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	7.796	152	4172	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.595	136	16397	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.446	164	12296	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	22318	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.395	240	13241	0.400	ng/ul	-0.01
23) Perylene-d12	23.742	264	10163	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.188	96	14520	2.362	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	4343	0.206	ng/ul	-0.03
18) Fluoranthene-d10	19.234	212	9572	0.269	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.639	128	205935	5.001	ng/ul	99
7) 2-Methylnaphthalene	12.261	142	70280	2.957	ng/ul	97
8) 1-Methylnaphthalene	12.481	142	46922	1.841	ng/ul	99
10) Acenaphthylene	14.164	152	9905	0.208	ng/ul#	92
11) Acenaphthene	14.506	153	6597	0.176	ng/ul	95
12) Fluorene	15.496	166	9526	0.230	ng/ul#	96
15) Phenanthrene	17.238	178	202999	3.452	ng/ul	99
16) Anthracene	17.331	178	32774	0.649	ng/ul	99
19) Fluoranthene	19.262	202	404352	8.560	ng/ul	98
20) Pyrene	19.624	202	334848	6.564	ng/ul	100
21) Benzo(a)anthracene	21.378	228	151420	3.977	ng/ul	99
22) Chrysene	21.430	228	161269	3.743	ng/ul	98
24) Benzo(b)fluoranthene	23.026	252	198552	5.563	ng/ul	93
25) Benzo(k)fluoranthene	23.070	252	67584m	1.860	ng/ul	
26) Benzo(a)pyrene	23.634	252	117050	3.653	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.162	276	98649	2.435	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.166	278	22457	0.714	ng/ul	98
29) Benzo(g,h,i)perylene	26.910	276	85240	2.414	ng/ul	97

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

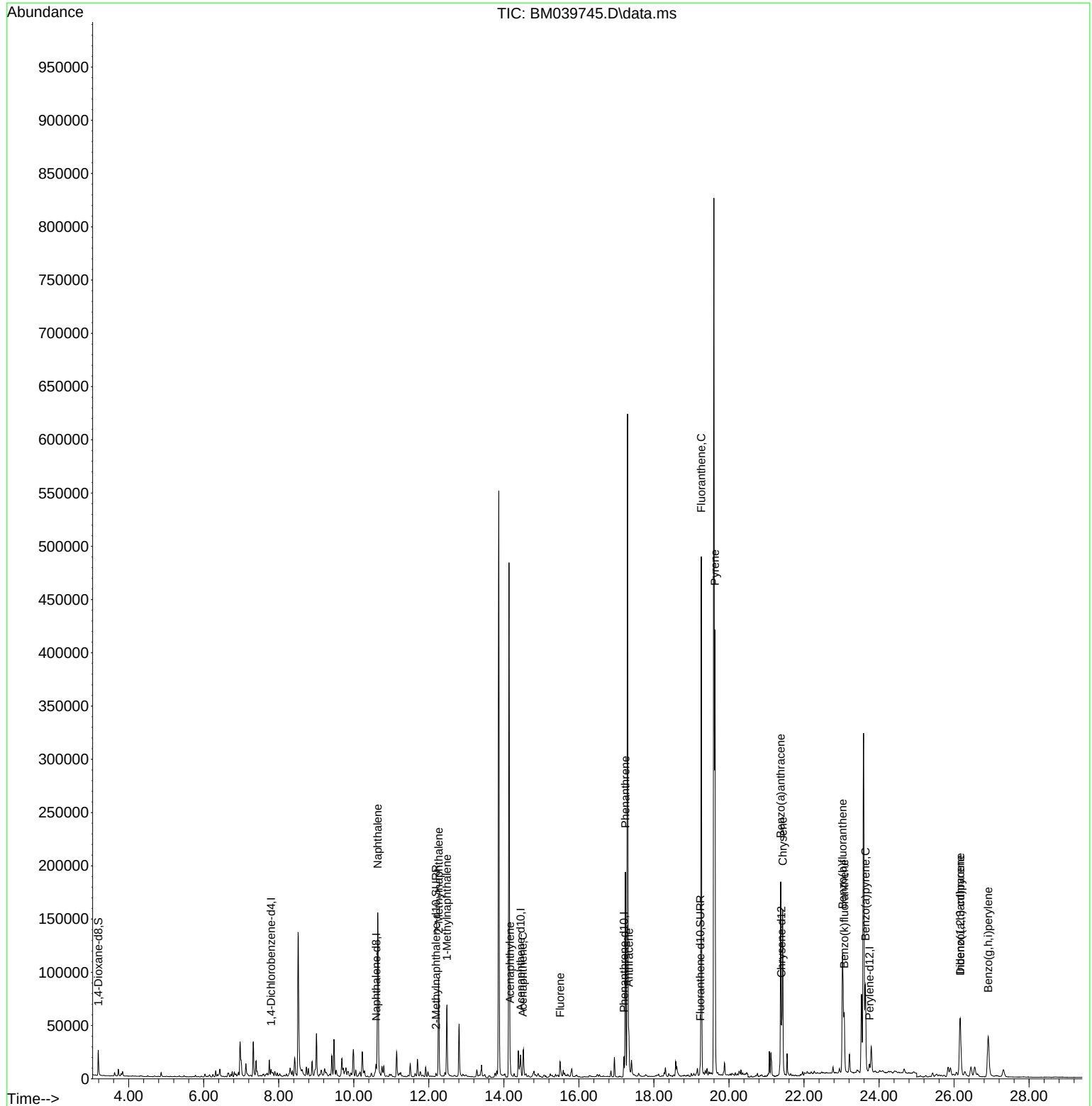
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039745.D
Acq On : 28 Apr 2023 20:30
Operator : CG/JU
Sample : 02417-01
Misc :
ALS Vial : 48 Sample Multiplier: 1

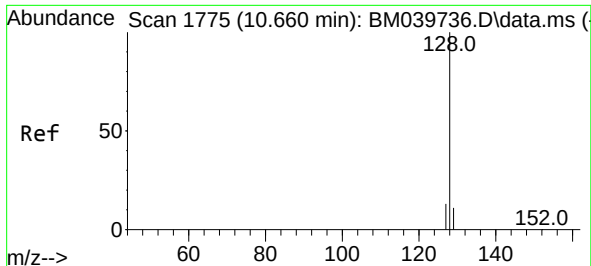
Instrument :
BNA_M
ClientSampleId :
EW8W7

Quant Time: Apr 29 02:25:50 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

Manual Integrations
APPROVED

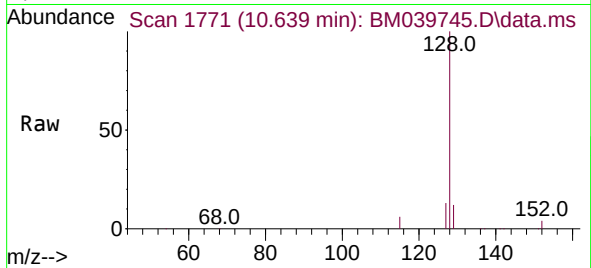
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023





#5
Naphthalene
Concen: 5.001 ng/ul
RT: 10.639 min Scan# 1775
Delta R.T. -0.022 min
Lab File: BM039745.D
Acq: 28 Apr 2023 20:30

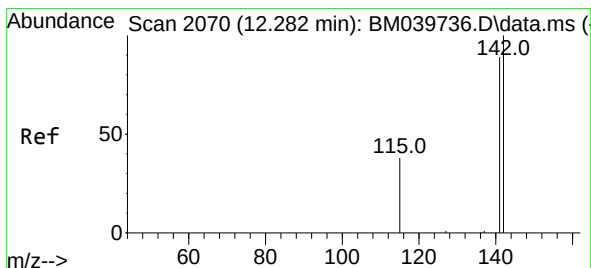
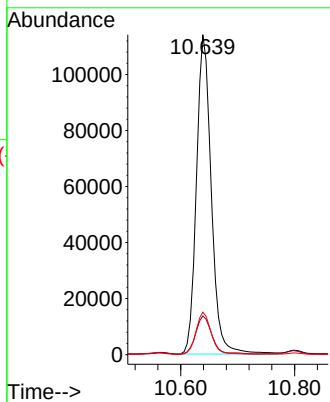
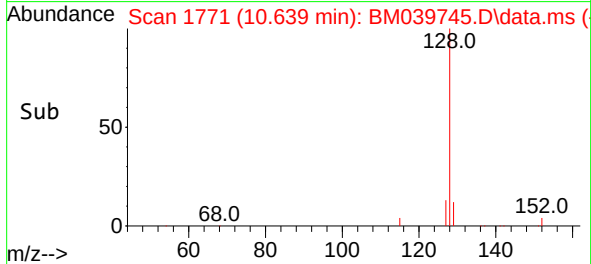
Instrument :
BNA_M
ClientSampleId :
EW8W7



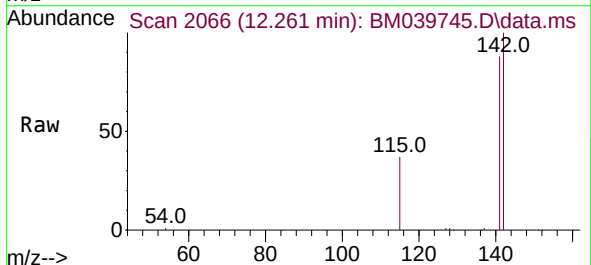
Tgt Ion:128 Resp: 205935
Ion Ratio Lower Upper
128 100
129 12.1 9.8 14.6
127 13.3 11.1 16.7

Manual Integrations
APPROVED

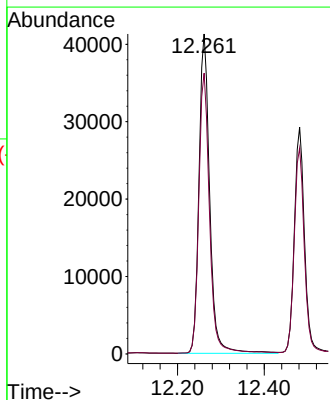
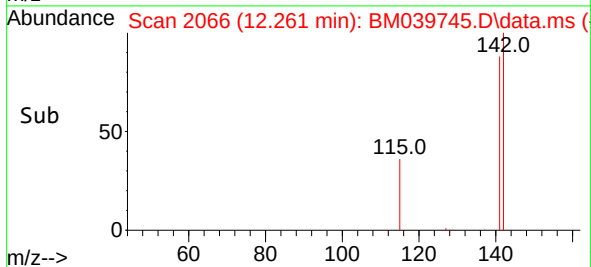
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

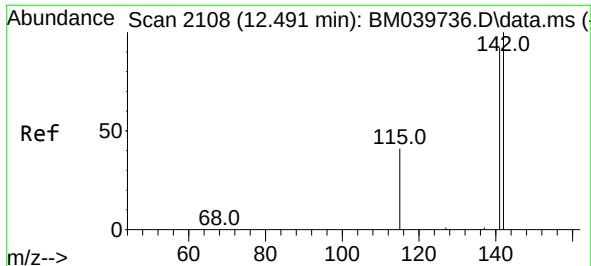


#7
2-Methylnaphthalene
Concen: 2.957 ng/ul
RT: 12.261 min Scan# 2066
Delta R.T. -0.028 min
Lab File: BM039745.D
Acq: 28 Apr 2023 20:30



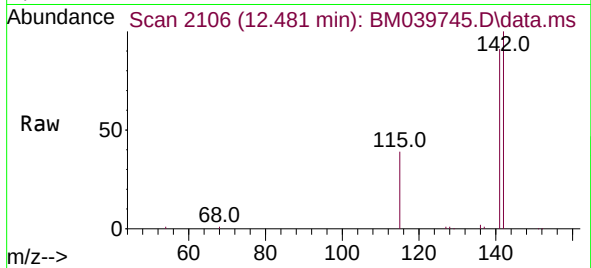
Tgt Ion:142 Resp: 70280
Ion Ratio Lower Upper
142 100
141 88.2 73.2 109.8





#8
1-Methylnaphthalene
Concen: 1.841 ng/ul
RT: 12.481 min Scan# 2108
Delta R.T. -0.017 min
Lab File: BM039745.D
Acq: 28 Apr 2023 20:30

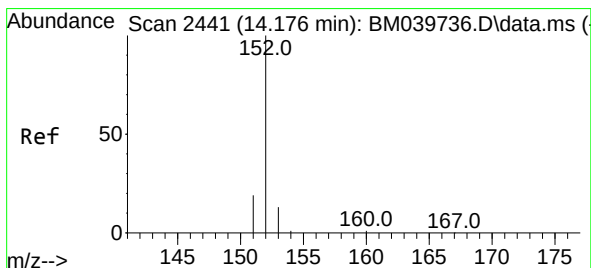
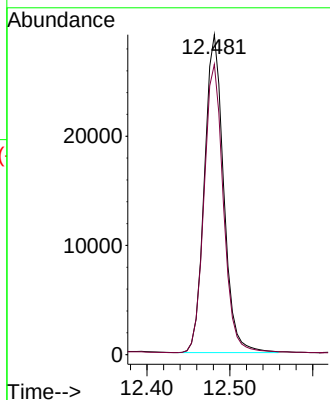
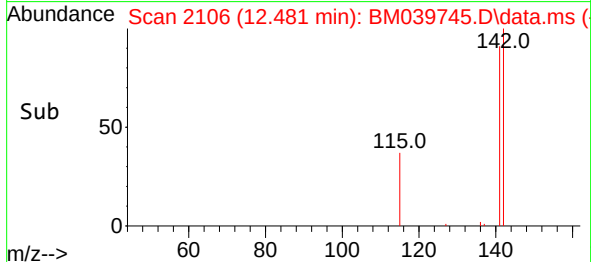
Instrument :
BNA_M
ClientSampleId :
EW8W7



Tgt Ion:142 Resp: 46922
Ion Ratio Lower Upper
142 100
141 91.2 73.4 110.2

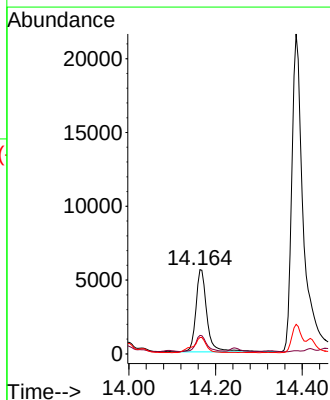
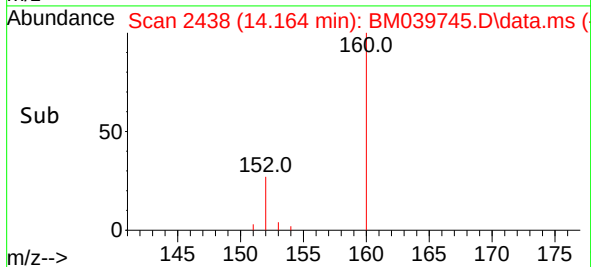
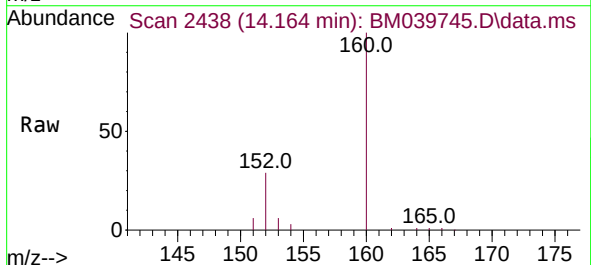
Manual Integrations
APPROVED

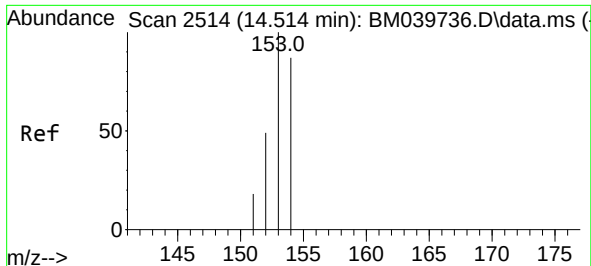
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#10
Acenaphthylene
Concen: 0.208 ng/ul
RT: 14.164 min Scan# 2438
Delta R.T. -0.019 min
Lab File: BM039745.D
Acq: 28 Apr 2023 20:30

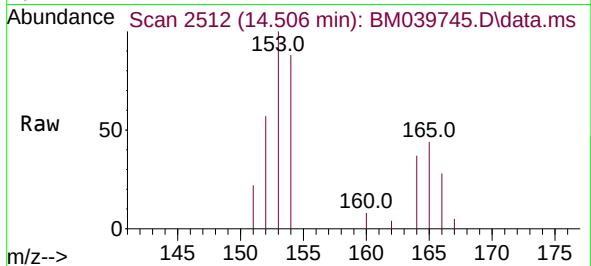
Tgt Ion:152 Resp: 9905
Ion Ratio Lower Upper
152 100
151 22.1 16.0 24.0
153 19.5 11.2 16.8#





#11
Acenaphthene
Concen: 0.176 ng/ul
RT: 14.506 min Scan# 21
Delta R.T. -0.014 min
Lab File: BM039745.D
Acq: 28 Apr 2023 20:30

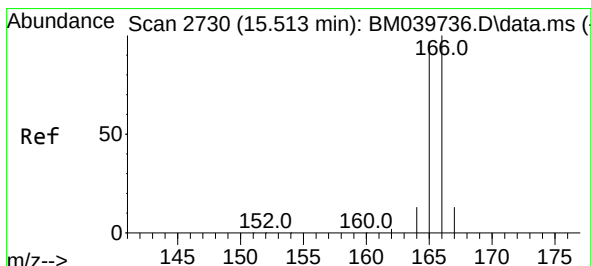
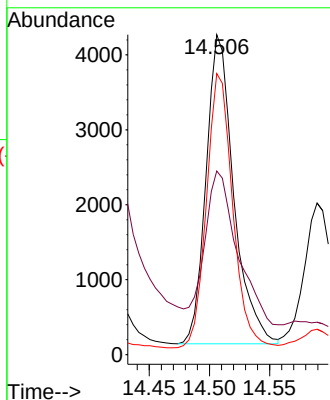
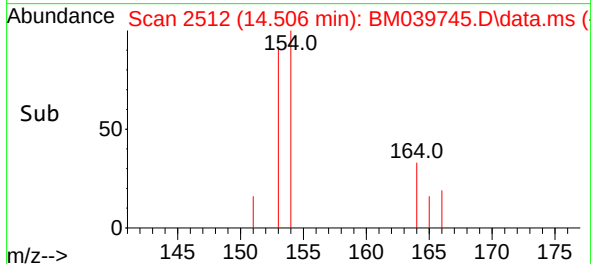
Instrument :
BNA_M
ClientSampleId :
EW8W7



Tgt Ion:153 Resp: 659
Ion Ratio Lower Upper
153 100
152 57.4 40.6 61.0
154 87.8 71.9 107.9

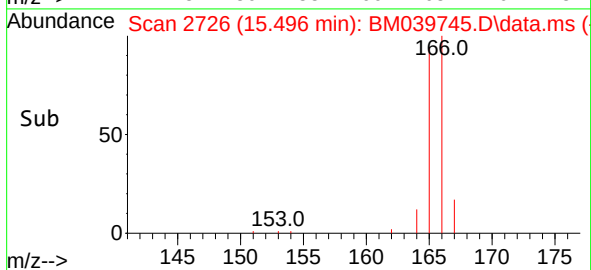
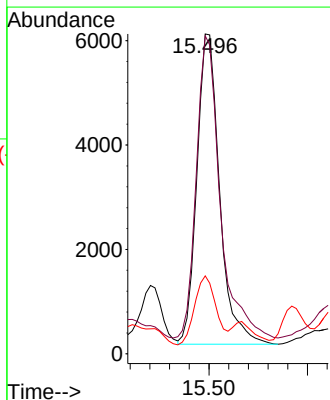
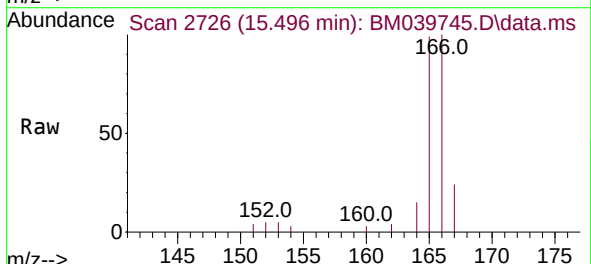
Manual Integrations
APPROVED

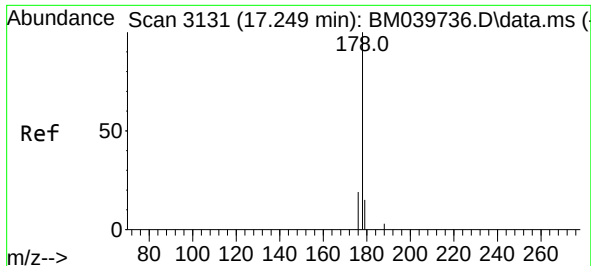
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#12
Fluorene
Concen: 0.230 ng/ul
RT: 15.496 min Scan# 2726
Delta R.T. -0.023 min
Lab File: BM039745.D
Acq: 28 Apr 2023 20:30

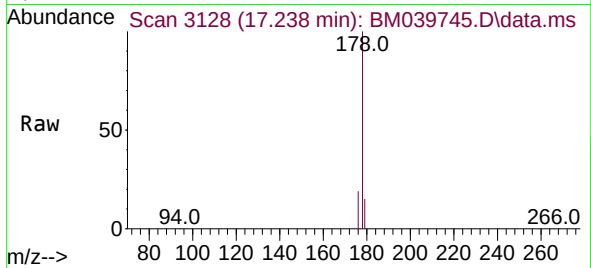
Tgt Ion:166 Resp: 9526
Ion Ratio Lower Upper
166 100
165 99.4 79.0 118.6
167 24.4 11.8 17.6#





#15
Phenanthrene
Concen: 3.452 ng/ul
RT: 17.238 min Scan# 3128
Delta R.T. -0.017 min
Lab File: BM039745.D
Acq: 28 Apr 2023 20:30

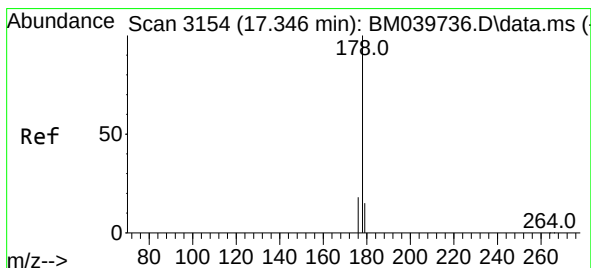
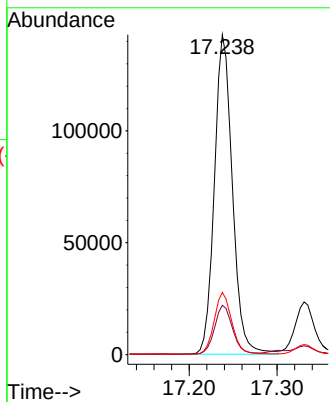
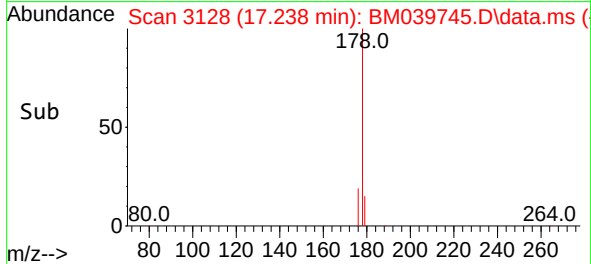
Instrument :
BNA_M
ClientSampleId :
EW8W7



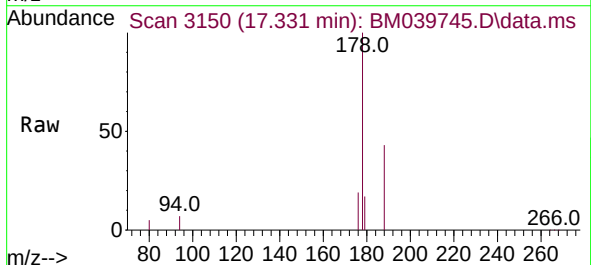
Tgt Ion:178 Resp: 202999
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.6
176 19.4 15.8 23.8

Manual Integrations
APPROVED

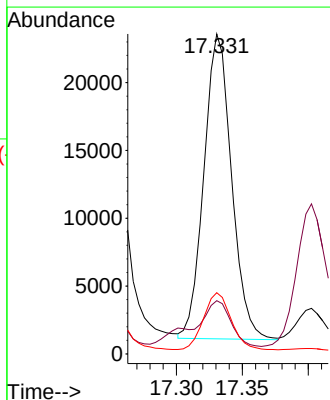
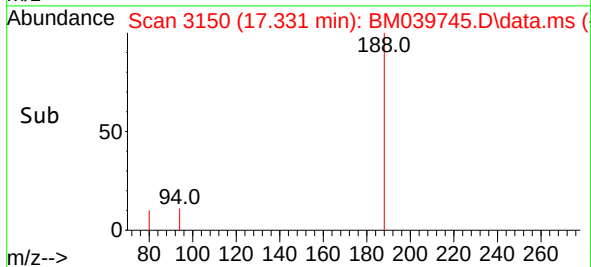
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

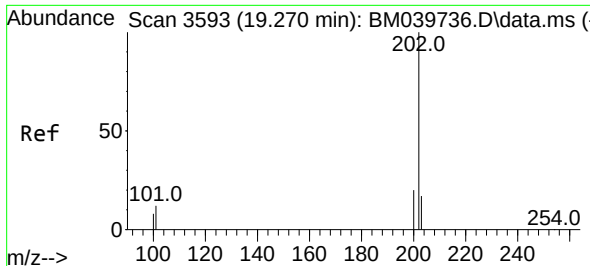


#16
Anthracene
Concen: 0.649 ng/ul
RT: 17.331 min Scan# 3150
Delta R.T. -0.025 min
Lab File: BM039745.D
Acq: 28 Apr 2023 20:30



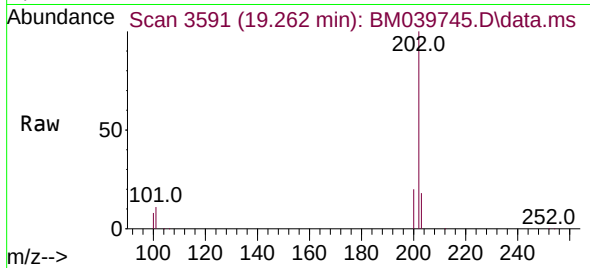
Tgt Ion:178 Resp: 32774
Ion Ratio Lower Upper
178 100
179 16.6 13.8 20.6
176 19.1 15.8 23.8





#19
Fluoranthene
Concen: 8.560 ng/u1
RT: 19.262 min Scan# 3591
Delta R.T. -0.014 min
Lab File: BM039745.D
Acq: 28 Apr 2023 20:30

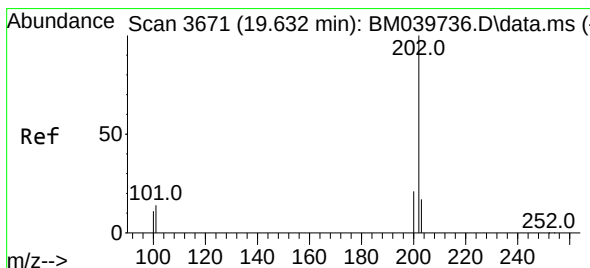
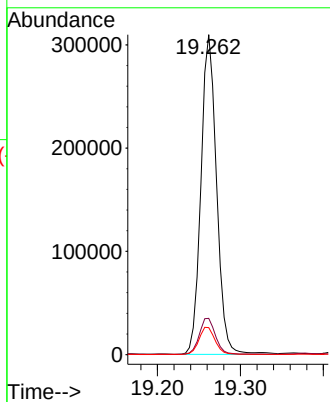
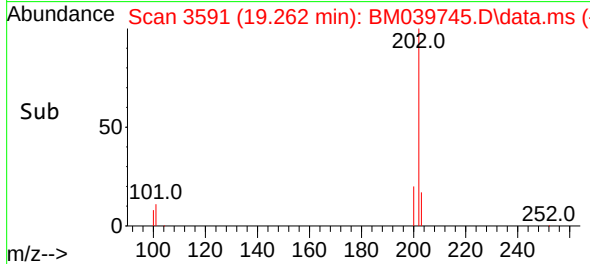
Instrument :
BNA_M
ClientSampleId :
EW8W7



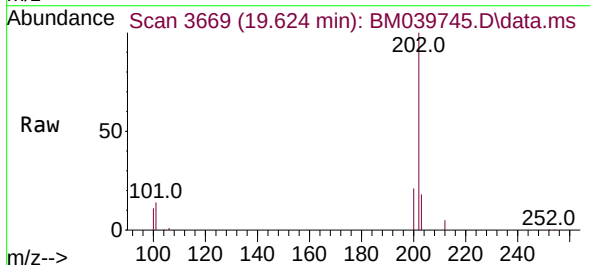
Tgt Ion:202 Resp: 404352
Ion Ratio Lower Upper
202 100
101 11.3 9.8 14.8
100 8.4 7.3 10.9

Manual Integrations
APPROVED

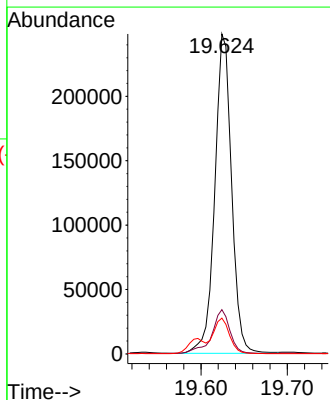
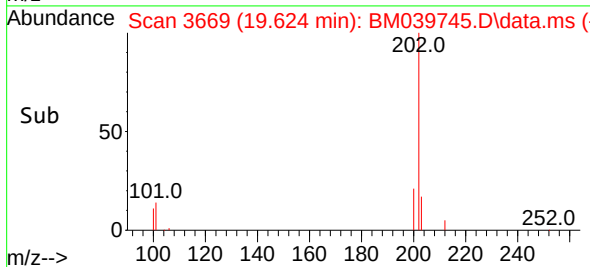
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

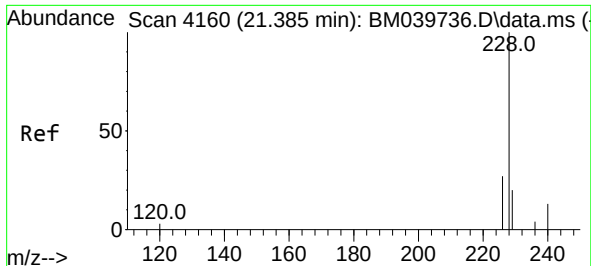


#20
Pyrene
Concen: 6.564 ng/u1
RT: 19.624 min Scan# 3669
Delta R.T. -0.019 min
Lab File: BM039745.D
Acq: 28 Apr 2023 20:30



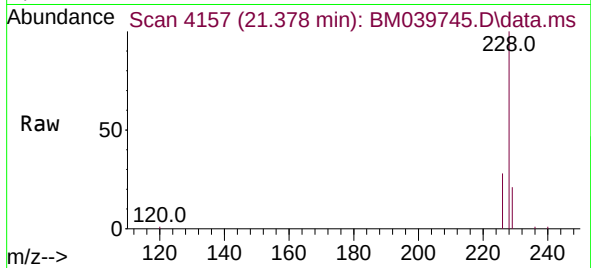
Tgt Ion:202 Resp: 334848
Ion Ratio Lower Upper
202 100
101 13.8 10.9 16.3
100 11.2 8.9 13.3





#21
Benzo(a)anthracene
Concen: 3.977 ng/ul
RT: 21.378 min Scan# 4160
Delta R.T. -0.019 min
Lab File: BM039745.D
Acq: 28 Apr 2023 20:30

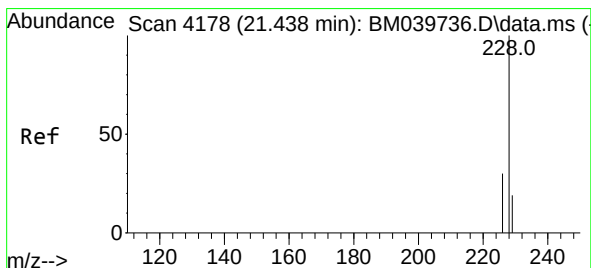
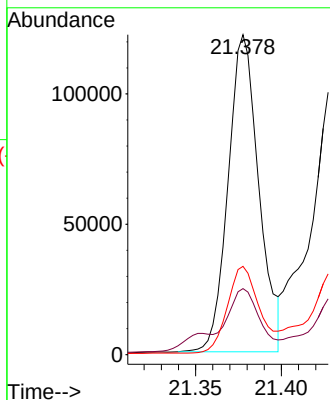
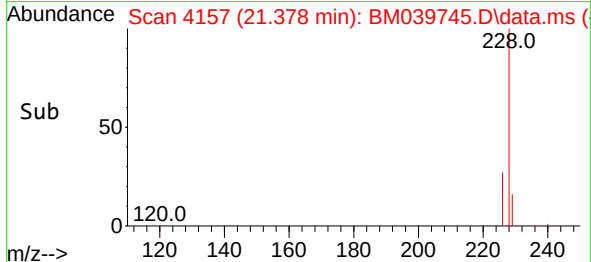
Instrument :
BNA_M
ClientSampleId :
EW8W7



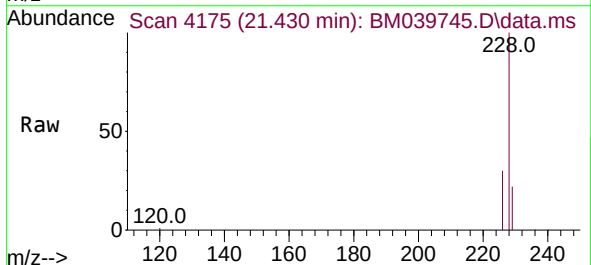
Tgt Ion:228 Resp: 151426
Ion Ratio Lower Upper
228 100
229 20.6 16.2 24.2
226 27.6 21.6 32.4

Manual Integrations
APPROVED

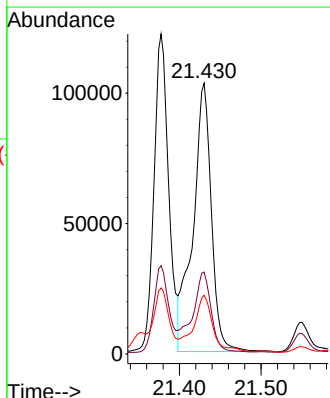
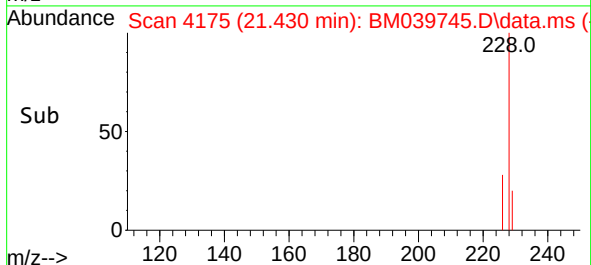
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

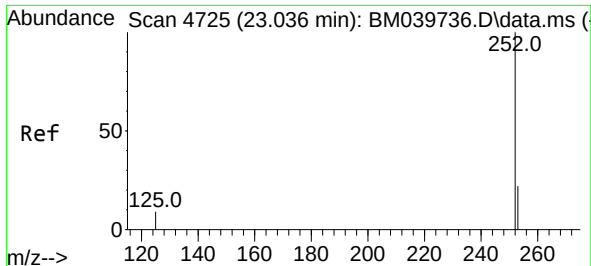


#22
Chrysene
Concen: 3.743 ng/ul
RT: 21.430 min Scan# 4175
Delta R.T. -0.016 min
Lab File: BM039745.D
Acq: 28 Apr 2023 20:30



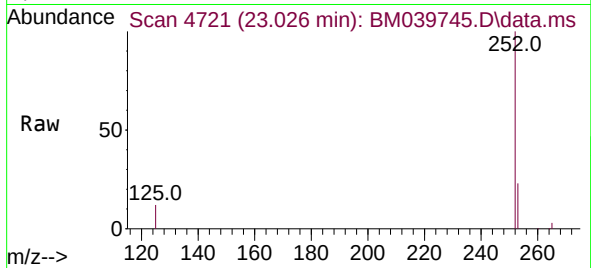
Tgt Ion:228 Resp: 161269
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 21.6 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 5.563 ng/ul
RT: 23.026 min Scan# 4721
Delta R.T. -0.019 min
Lab File: BM039745.D
Acq: 28 Apr 2023 20:30

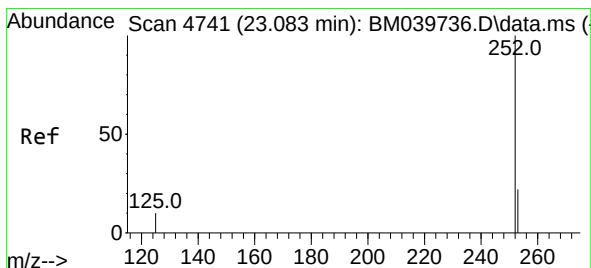
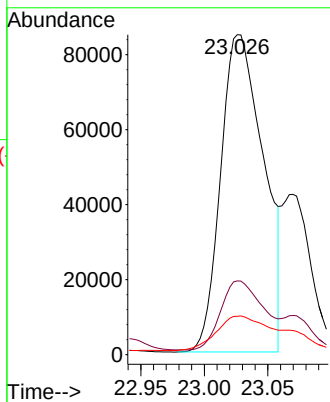
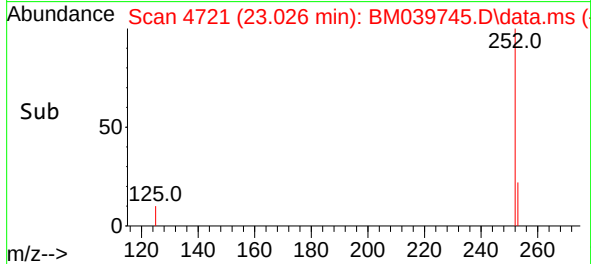
Instrument :
BNA_M
ClientSampleId :
EW8W7



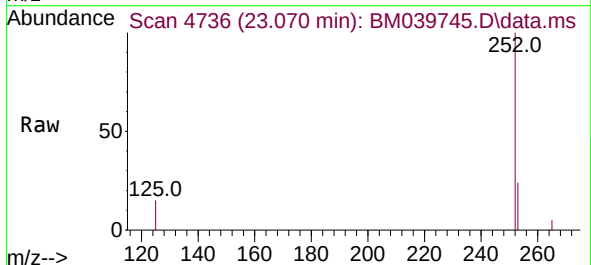
Tgt Ion:252 Resp: 198552
Ion Ratio Lower Upper
252 100
253 23.0 0.0 52.8
125 12.0 0.0 31.6

Manual Integrations
APPROVED

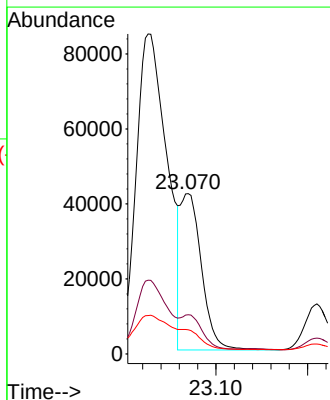
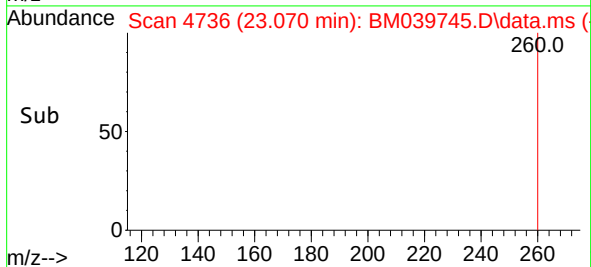
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

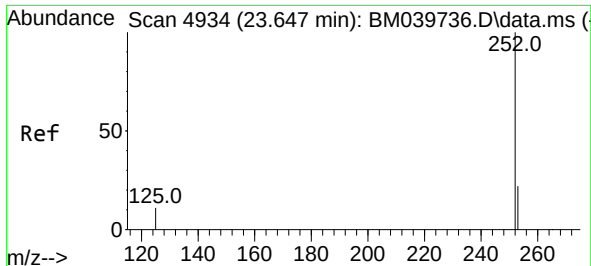


#25
Benzo(k)fluoranthene
Concen: 1.860 ng/ul m
RT: 23.070 min Scan# 4736
Delta R.T. -0.025 min
Lab File: BM039745.D
Acq: 28 Apr 2023 20:30



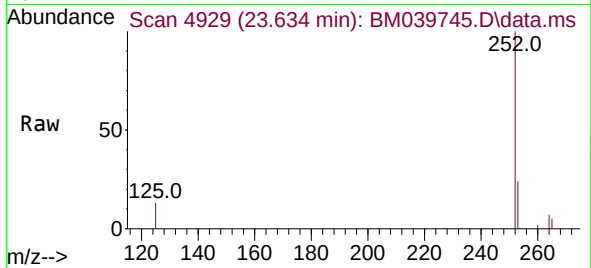
Tgt Ion:252 Resp: 67584
Ion Ratio Lower Upper
252 100
253 24.4 21.3 31.9
125 15.1 13.0 19.6





#26
Benzo(a)pyrene
Concen: 3.653 ng/ul
RT: 23.634 min Scan# 4934
Delta R.T. -0.031 min
Lab File: BM039745.D
Acq: 28 Apr 2023 20:30

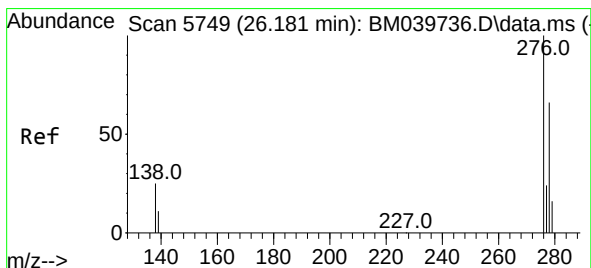
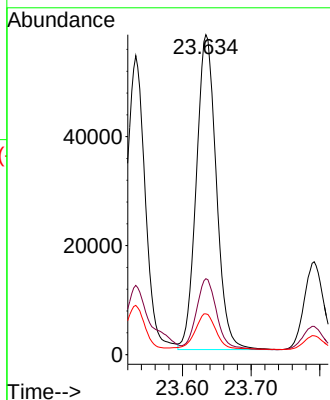
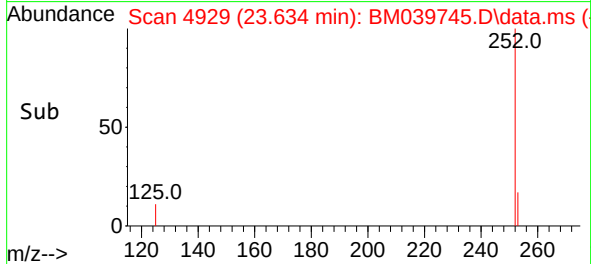
Instrument :
BNA_M
ClientSampleId :
EW8W7



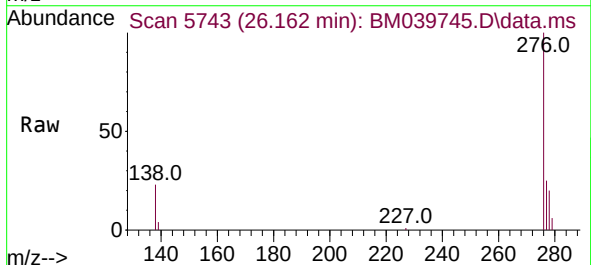
Tgt Ion:252 Resp: 117050
Ion Ratio Lower Upper
252 100
253 23.7 24.7 37.1
125 12.7 16.5 24.7

Manual Integrations
APPROVED

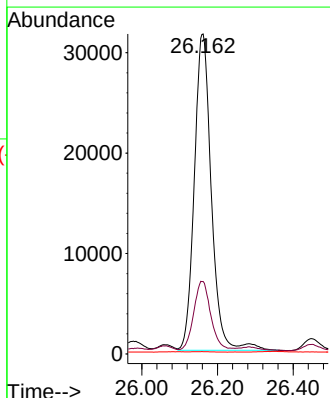
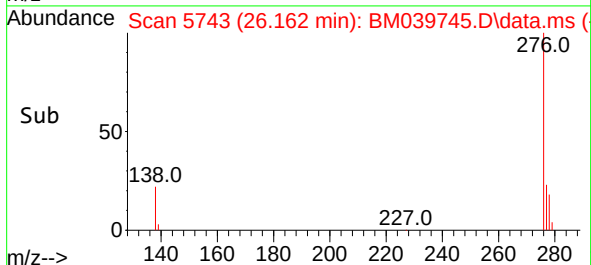
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

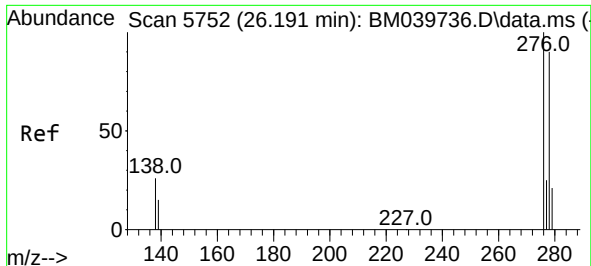


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.435 ng/ul
RT: 26.162 min Scan# 5743
Delta R.T. -0.039 min
Lab File: BM039745.D
Acq: 28 Apr 2023 20:30



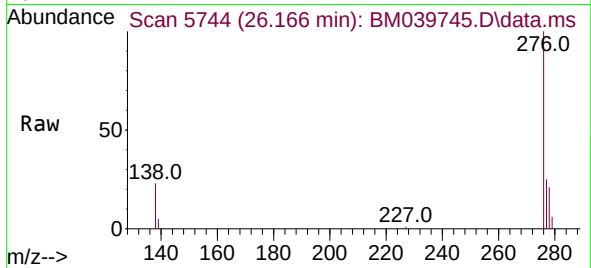
Tgt Ion:276 Resp: 98649
Ion Ratio Lower Upper
276 100
138 21.3 21.1 31.7
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.714 ng/ul
RT: 26.166 min Scan# 51
Delta R.T. -0.052 min
Lab File: BM039745.D
Acq: 28 Apr 2023 20:30

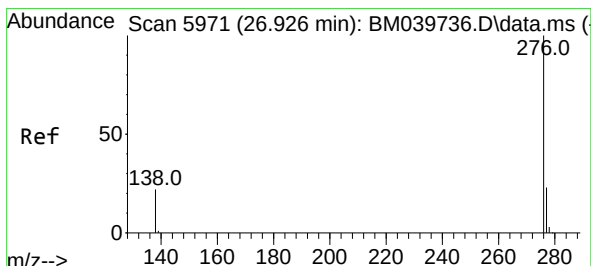
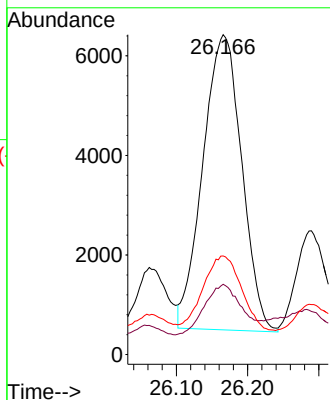
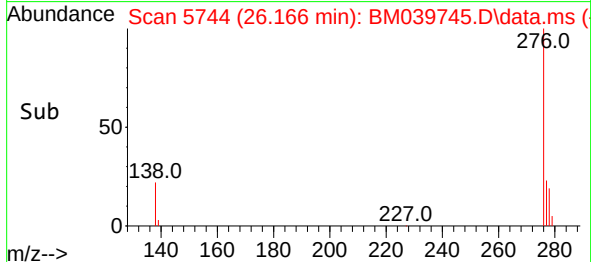
Instrument :
BNA_M
ClientSampleId :
EW8W7



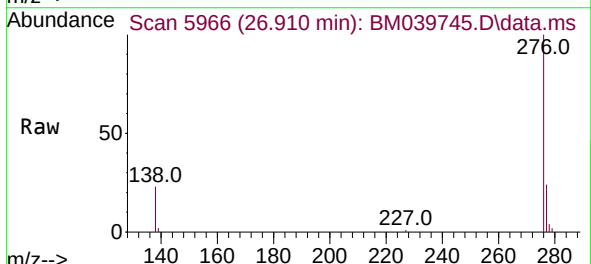
Tgt Ion: 278 Resp: 2245
Ion Ratio Lower Upper
278 100
139 22.0 17.0 25.6
279 30.8 23.4 35.2

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 2.414 ng/ul
RT: 26.910 min Scan# 5966
Delta R.T. -0.039 min
Lab File: BM039745.D
Acq: 28 Apr 2023 20:30



Tgt Ion: 276 Resp: 85240
Ion Ratio Lower Upper
276 100
138 23.3 20.1 30.1
277 24.3 20.1 30.1

