

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039750.D
 Acq On : 28 Apr 2023 23:30
 Operator : CG/JU
 Sample : 02417-05
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8X1

Manual Integrations
 APPROVED

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

Quant Time: Apr 29 02:26:40 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	4408	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.595	136	17160	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.446	164	9605	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	19076	0.400	ng/ul	-0.02
17) Chrysene-d12	21.394	240	10746	0.400	ng/ul	#-0.01
23) Perylene-d12	23.741	264	10005	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	14457	2.225	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	4166	0.189	ng/ul	-0.02
18) Fluoranthene-d10	19.234	212	7358	0.254	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.645	128	2443	0.057	ng/ul#	90
7) 2-Methylnaphthalene	12.272	142	1339	0.054	ng/ul	98
8) 1-Methylnaphthalene	12.487	142	1659	0.062	ng/ul	97
10) Acenaphthylene	14.169	152	13009	0.350	ng/ul	98
11) Acenaphthene	14.511	153	1624	0.056	ng/ul	97
12) Fluorene	15.501	166	5124	0.158	ng/ul	98
15) Phenanthrene	17.242	178	128996	2.567	ng/ul	98
16) Anthracene	17.331	178	12897	0.299	ng/ul	99
19) Fluoranthene	19.262	202	189109	4.933	ng/ul	99
20) Pyrene	19.624	202	175432	4.237	ng/ul	99
21) Benzo(a)anthracene	21.376	228	62112	2.010	ng/ul	97
22) Chrysene	21.429	228	72572	2.076	ng/ul	98
24) Benzo(b)fluoranthene	23.027	252	75537	2.150	ng/ul	97
25) Benzo(k)fluoranthene	23.068	252	25441m	0.711	ng/ul	
26) Benzo(a)pyrene	23.635	252	47874	1.518	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.161	276	36511	0.915	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.164	278	9048	0.292	ng/ul#	81
29) Benzo(g,h,i)perylene	26.909	276	28754	0.827	ng/ul	97

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

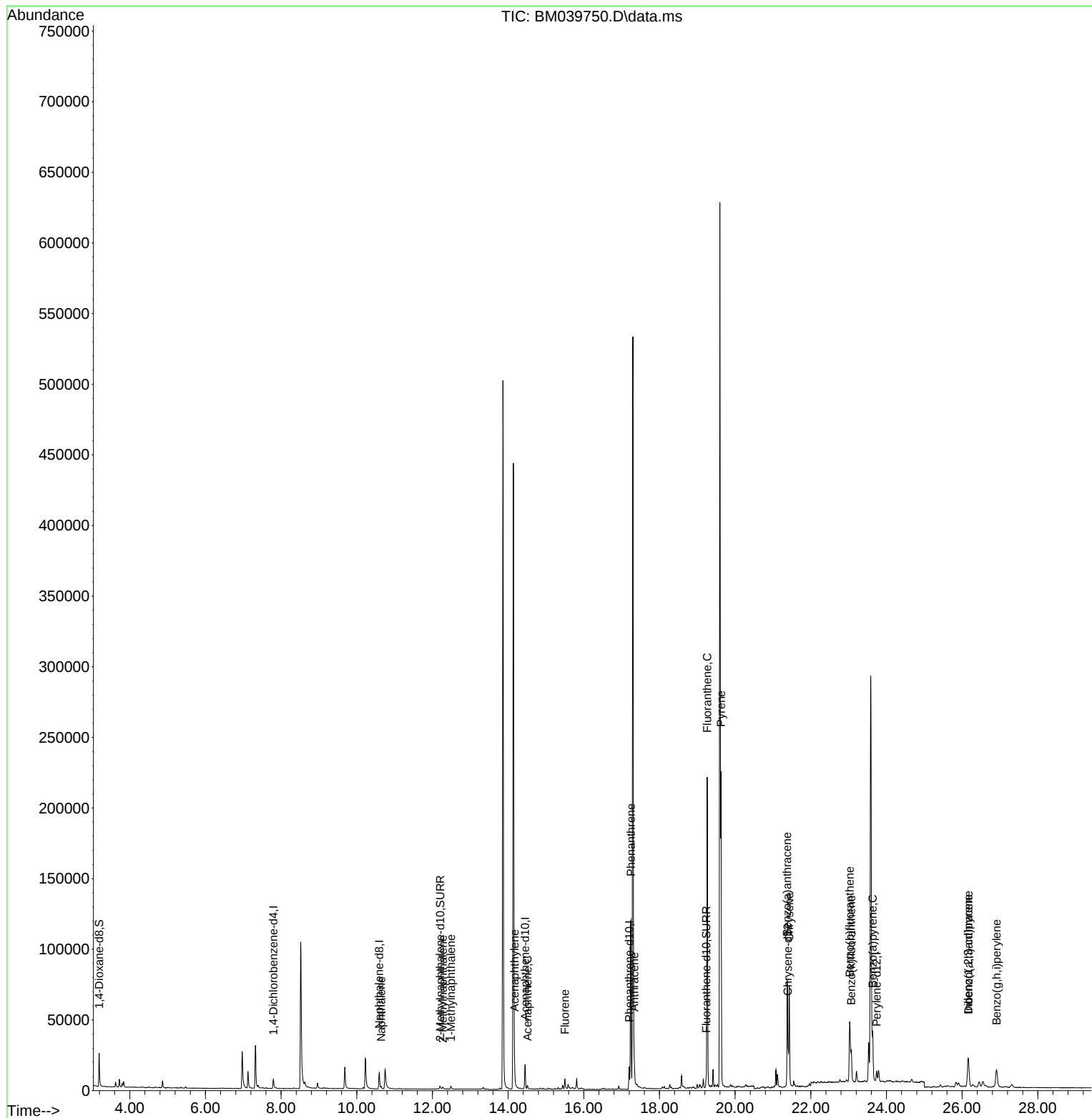
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039750.D
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Sample : 02417-05
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ALS Vial : 53 Sample Multiplier: 1

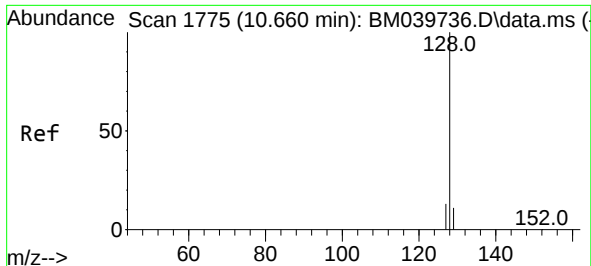
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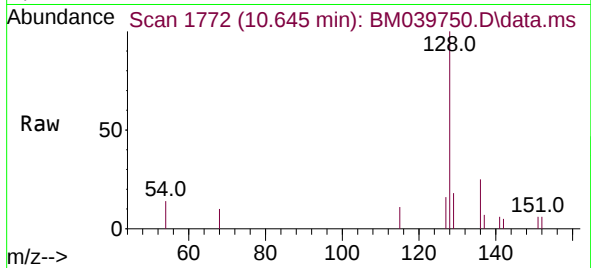
Quant Time: Apr 29 02:26:40 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 02:30:02 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.057 ng/ul
RT: 10.645 min Scan# 1772
Delta R.T. -0.016 min
Lab File: BM039750.D
Acq: 28 Apr 2023 23:30

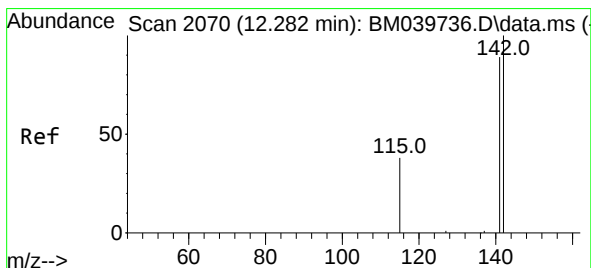
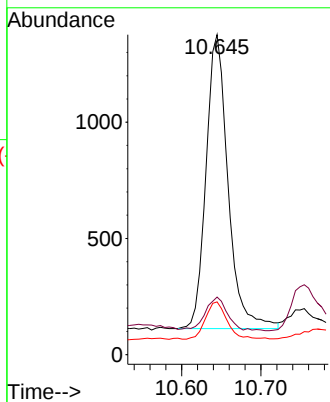
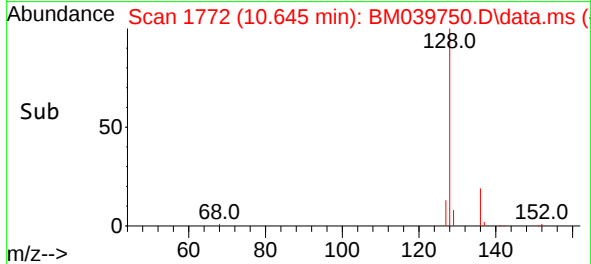
Instrument :
BNA_M
ClientSampleId :
EW8X1



Tgt Ion:128 Resp: 2443
Ion Ratio Lower Upper
128 100
129 18.0 9.8 14.6
127 16.5 11.1 16.7

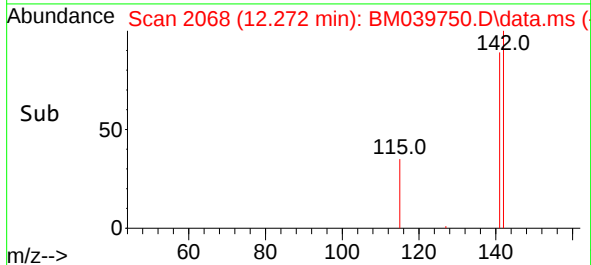
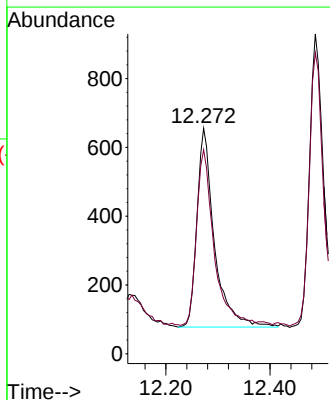
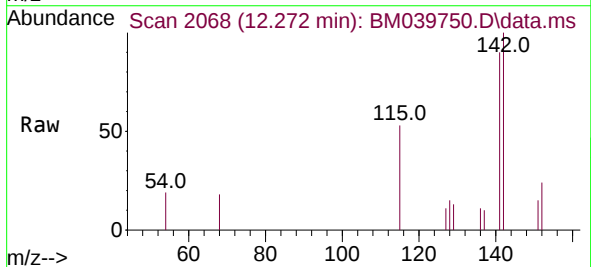
Manual Integrations
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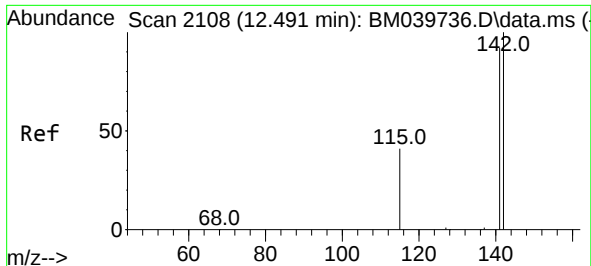
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#7
2-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.272 min Scan# 2068
Delta R.T. -0.016 min
Lab File: BM039750.D
Acq: 28 Apr 2023 23:30

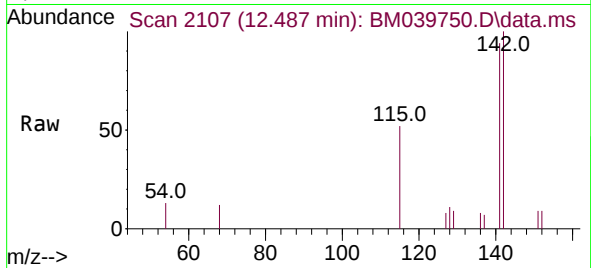
Tgt Ion:142 Resp: 1339
Ion Ratio Lower Upper
142 100
141 89.2 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.062 ng/ul
RT: 12.487 min Scan# 2108
Delta R.T. -0.011 min
Lab File: BM039750.D
Acq: 28 Apr 2023 23:30

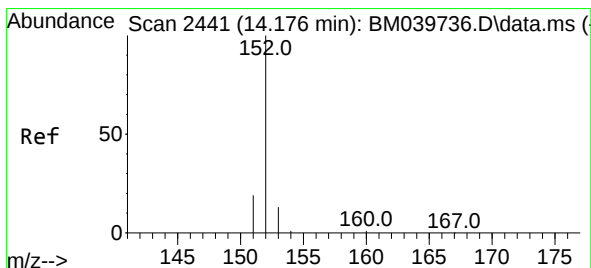
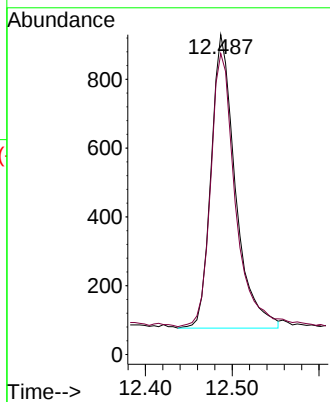
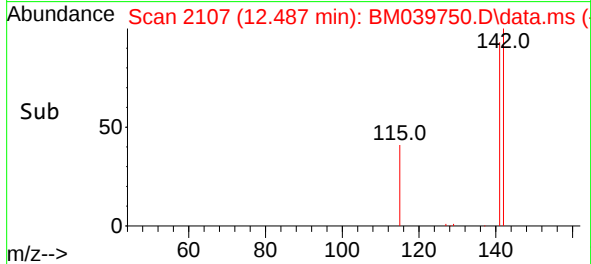
Instrument :
BNA_M
ClientSampleId :
EW8X1



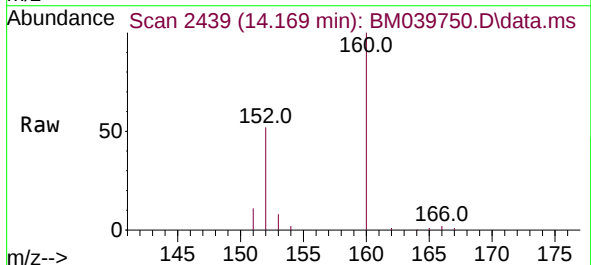
Tgt Ion:142 Resp: 1659
Ion Ratio Lower Upper
142 100
141 94.3 73.4 110.2

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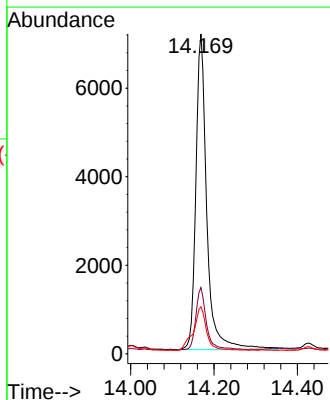
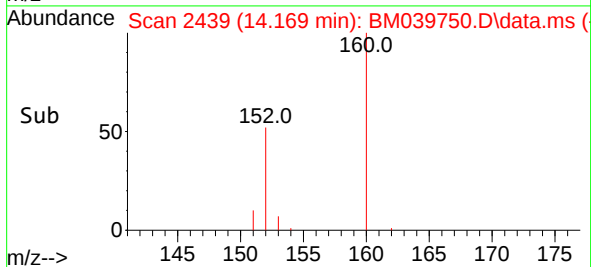
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

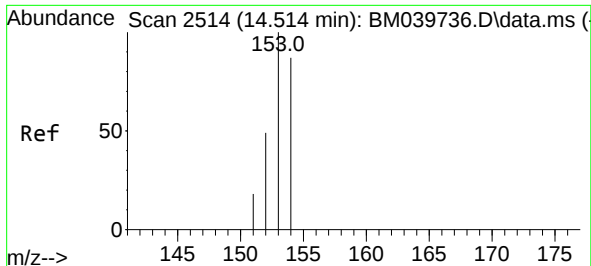


#10
Acenaphthylene
Concen: 0.350 ng/ul
RT: 14.169 min Scan# 2439
Delta R.T. -0.014 min
Lab File: BM039750.D
Acq: 28 Apr 2023 23:30



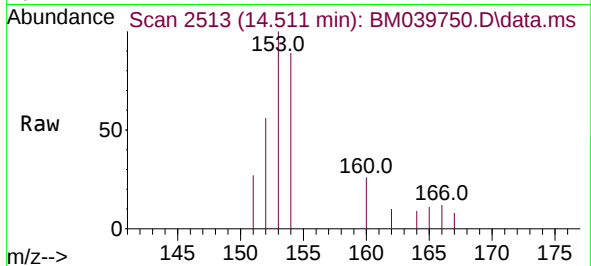
Tgt Ion:152 Resp: 13009
Ion Ratio Lower Upper
152 100
151 20.7 16.0 24.0
153 14.7 11.2 16.8





#11
Acenaphthene
Concen: 0.056 ng/ul
RT: 14.511 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM039750.D
Acq: 28 Apr 2023 23:30

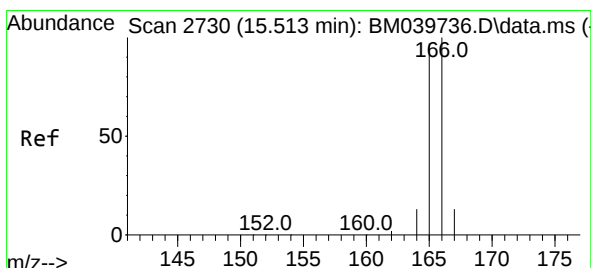
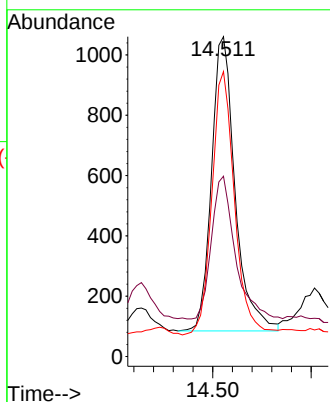
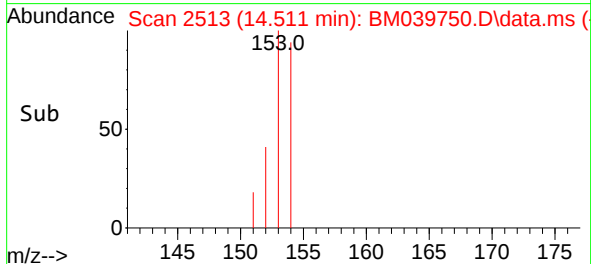
Instrument :
BNA_M
ClientSampleId :
EW8X1



Tgt Ion:153 Resp: 1624
Ion Ratio Lower Upper
153 100
152 56.4 40.6 61.0
154 89.1 71.9 107.9

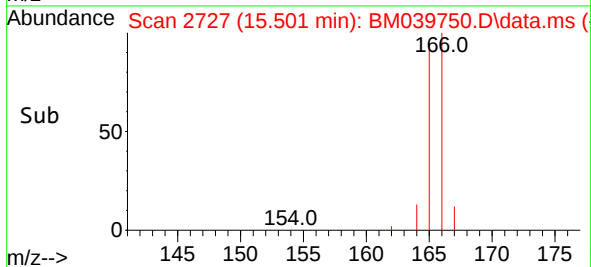
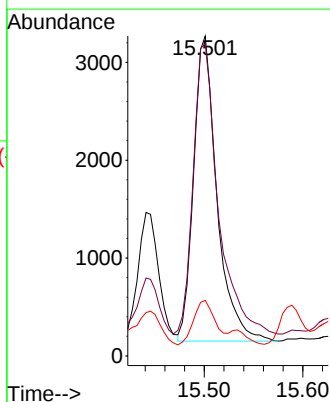
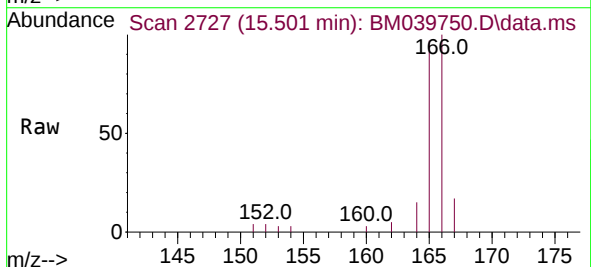
Manual Integrations
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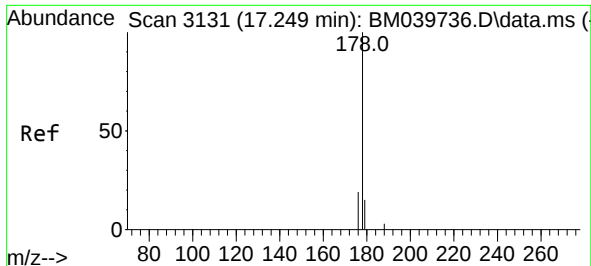
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#12
Fluorene
Concen: 0.158 ng/ul
RT: 15.501 min Scan# 2727
Delta R.T. -0.018 min
Lab File: BM039750.D
Acq: 28 Apr 2023 23:30

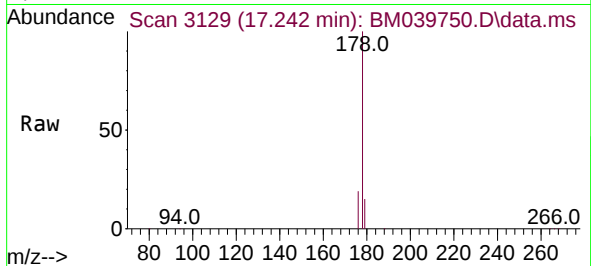
Tgt Ion:166 Resp: 5124
Ion Ratio Lower Upper
166 100
165 97.5 79.0 118.6
167 17.3 11.8 17.6





#15
Phenanthrene
Concen: 2.567 ng/ul
RT: 17.242 min Scan# 311
Delta R.T. -0.013 min
Lab File: BM039750.D
Acq: 28 Apr 2023 23:30

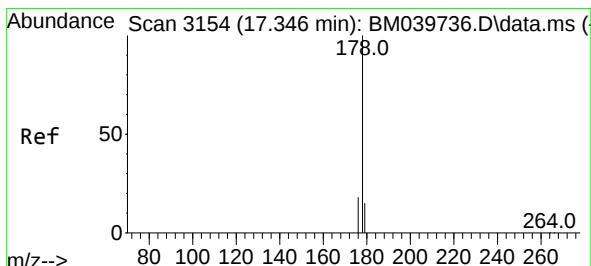
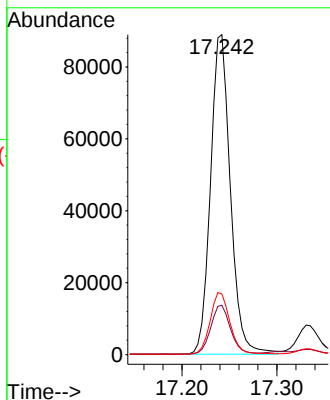
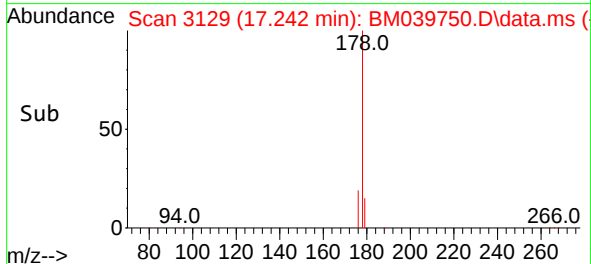
Instrument :
BNA_M
ClientSampleId :
EW8X1



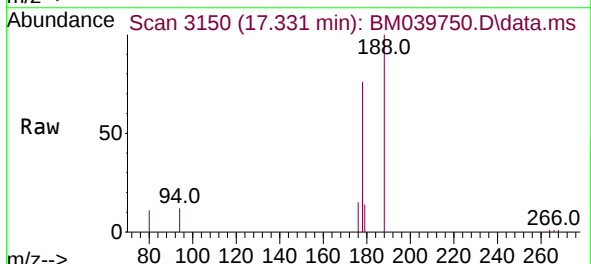
Tgt Ion:178 Resp: 128996
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.0 15.8 23.8

Manual Integrations
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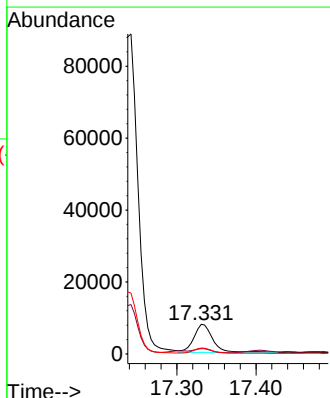
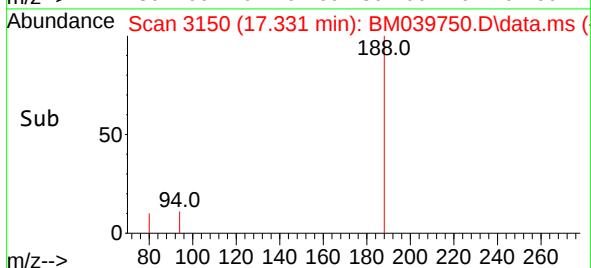
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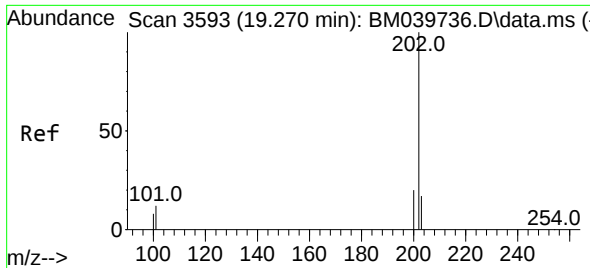


#16
Anthracene
Concen: 0.299 ng/ul
RT: 17.331 min Scan# 3150
Delta R.T. -0.025 min
Lab File: BM039750.D
Acq: 28 Apr 2023 23:30



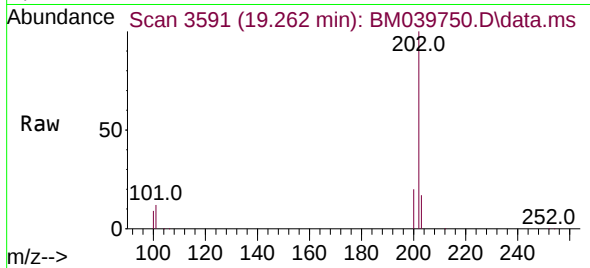
Tgt Ion:178 Resp: 12897
Ion Ratio Lower Upper
178 100
179 17.8 13.8 20.6
176 20.0 15.8 23.8





#19
Fluoranthene
Concen: 4.933 ng/ul
RT: 19.262 min Scan# 3591
Delta R.T. -0.014 min
Lab File: BM039750.D
Acq: 28 Apr 2023 23:30

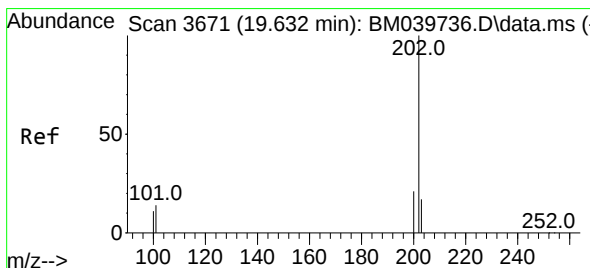
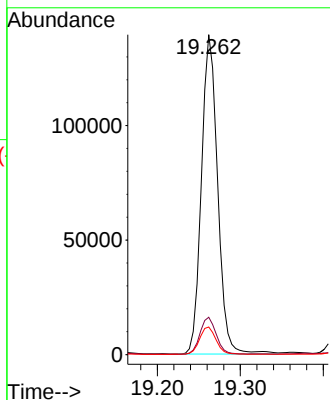
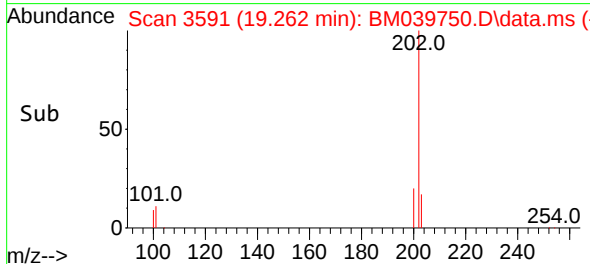
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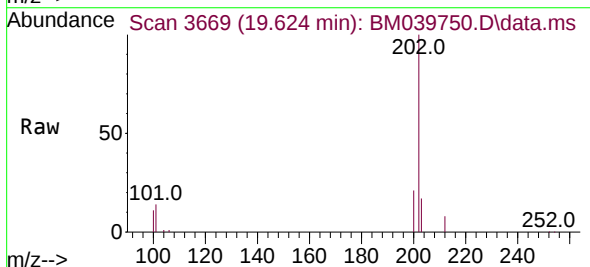
Tgt Ion:202 Resp: 189109
Ion Ratio Lower Upper
202 100
101 11.7 9.8 14.8
100 8.6 7.3 10.9

Manual Integrations
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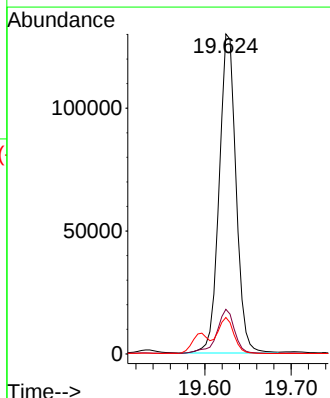
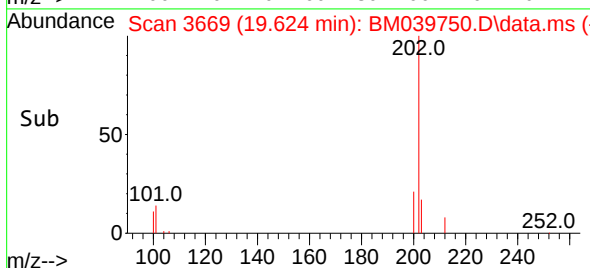
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Supervised By :Jagrut Upadhyay 05/01/2023

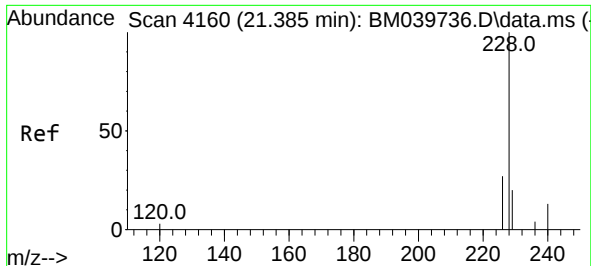


#20
Pyrene
Concen: 4.237 ng/ul
RT: 19.624 min Scan# 3669
Delta R.T. -0.019 min
Lab File: BM039750.D
Acq: 28 Apr 2023 23:30



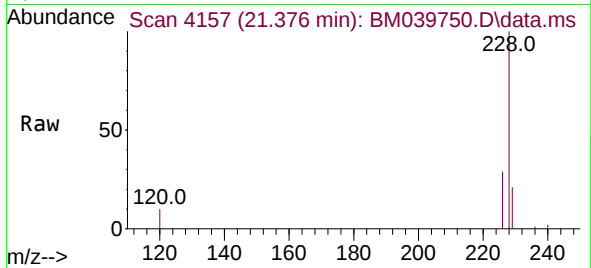
Tgt Ion:202 Resp: 175432
Ion Ratio Lower Upper
202 100
101 13.9 10.9 16.3
100 11.4 8.9 13.3





#21
Benzo(a)anthracene
Concen: 2.010 ng/ul
RT: 21.376 min Scan# 4160
Delta R.T. -0.020 min
Lab File: BM039750.D
Acq: 28 Apr 2023 23:30

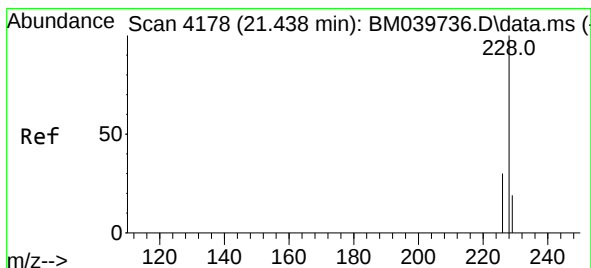
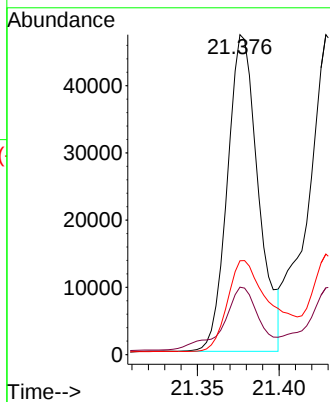
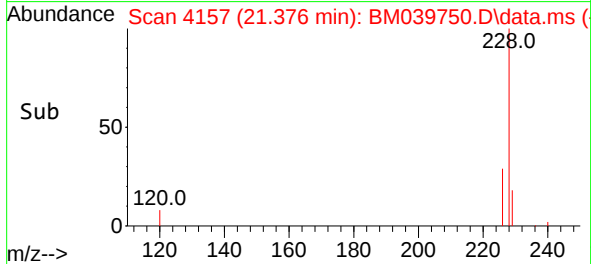
Instrument :
BNA_M
ClientSampleId :
EW8X1



Tgt Ion:228 Resp: 62112
Ion Ratio Lower Upper
228 100
229 21.1 16.2 24.2
226 29.3 21.6 32.4

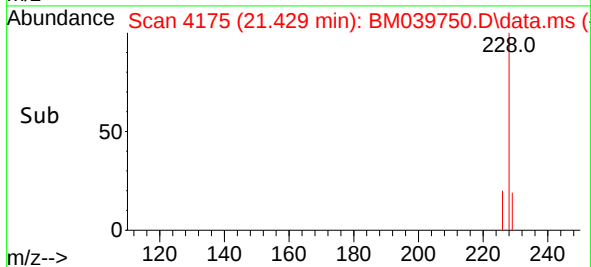
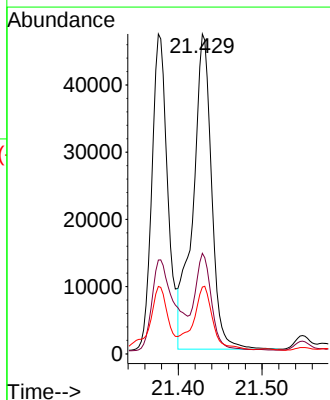
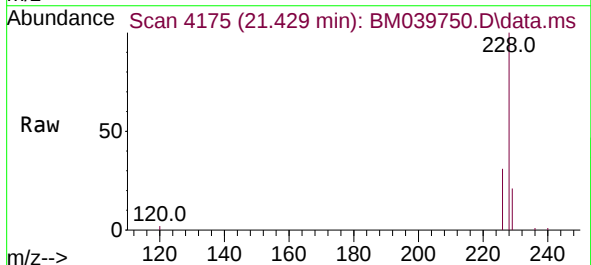
Manual Integrations
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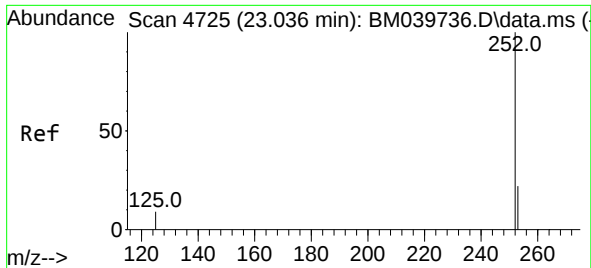
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#22
Chrysene
Concen: 2.076 ng/ul
RT: 21.429 min Scan# 4175
Delta R.T. -0.017 min
Lab File: BM039750.D
Acq: 28 Apr 2023 23:30

Tgt Ion:228 Resp: 72572
Ion Ratio Lower Upper
228 100
226 31.4 24.3 36.5
229 20.9 15.9 23.9





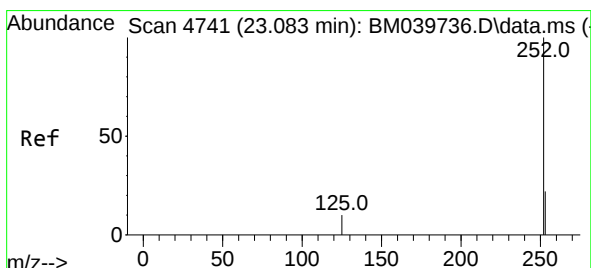
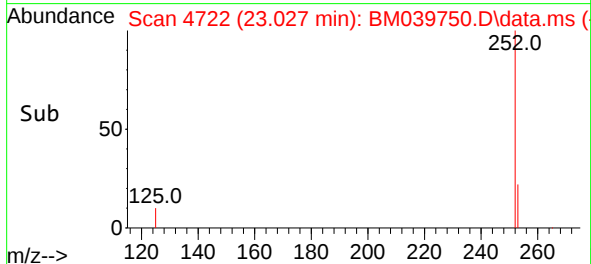
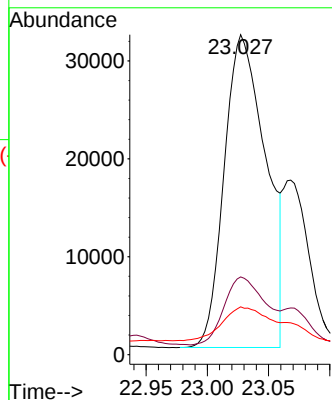
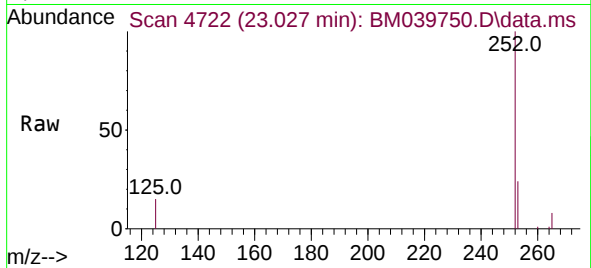
#24
Benzo(b)fluoranthene
Concen: 2.150 ng/ul
RT: 23.027 min Scan# 4722
Delta R.T. -0.017 min
Lab File: BM039750.D
Acq: 28 Apr 2023 23:30

Instrument :
BNA_M
ClientSampleId :
EW8X1

Tgt Ion:252 Resp: 7553
Ion Ratio Lower Upper
252 100
253 24.3 0.0 52.8
125 14.9 0.0 31.6

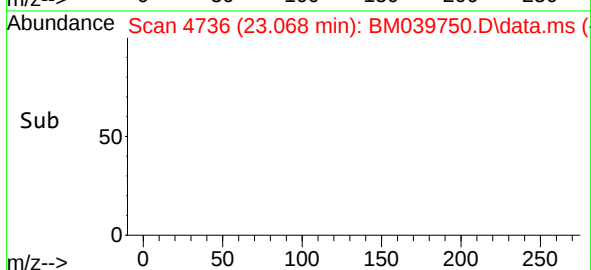
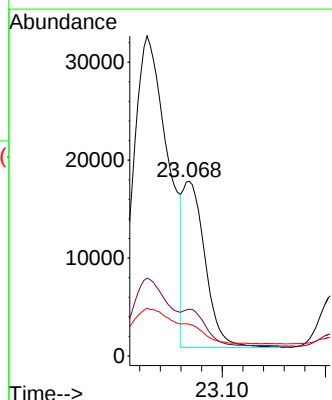
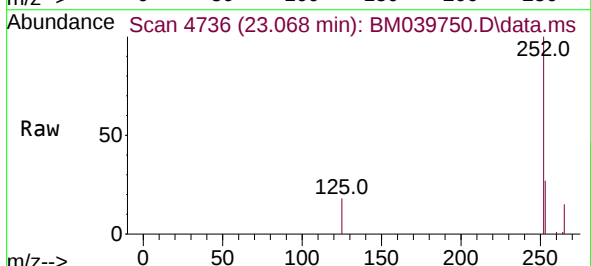
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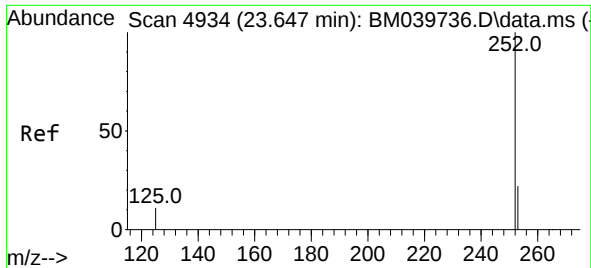
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#25
Benzo(k)fluoranthene
Concen: 0.711 ng/ul m
RT: 23.068 min Scan# 4736
Delta R.T. -0.026 min
Lab File: BM039750.D
Acq: 28 Apr 2023 23:30

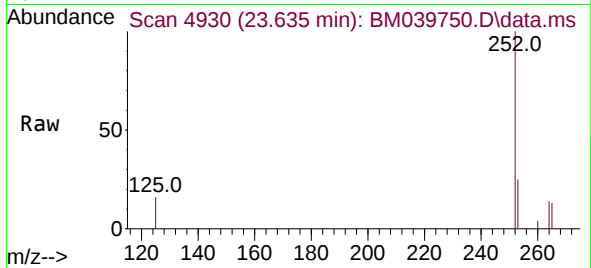
Tgt Ion:252 Resp: 25441
Ion Ratio Lower Upper
252 100
253 26.8 21.3 31.9
125 18.2 13.0 19.6





#26
Benzo(a)pyrene
Concen: 1.518 ng/ul
RT: 23.635 min Scan# 4930
Delta R.T. -0.029 min
Lab File: BM039750.D
Acq: 28 Apr 2023 23:30

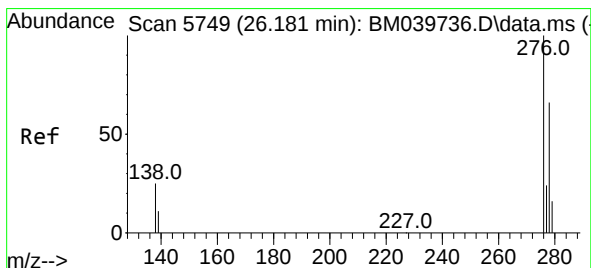
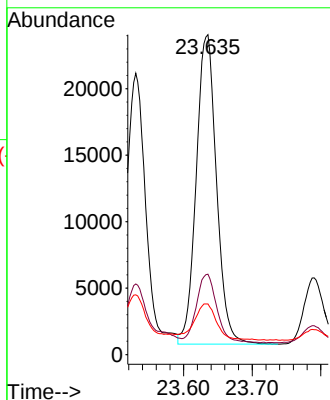
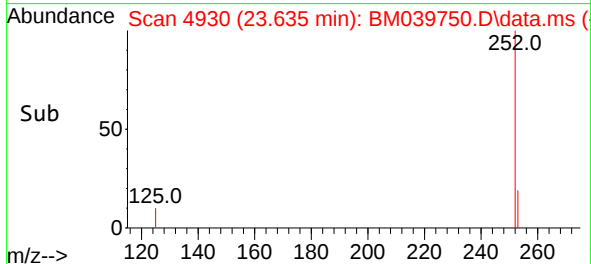
Instrument :
BNA_M
ClientSampleId :
EW8X1



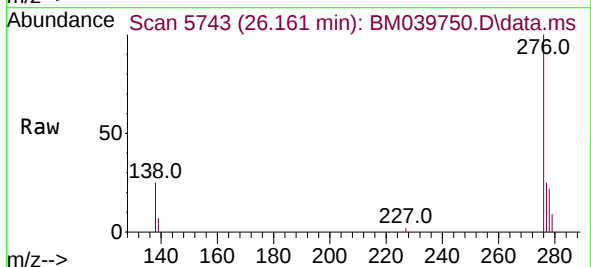
Tgt Ion:252 Resp: 47874
Ion Ratio Lower Upper
252 100
253 25.1 24.7 37.1
125 15.8 16.5 24.7

Manual Integrations
APPROVED

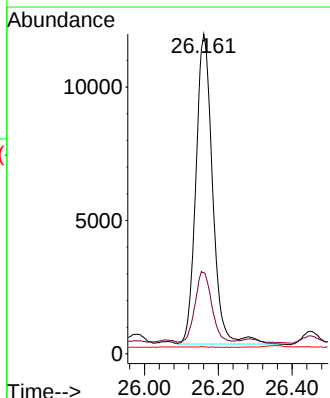
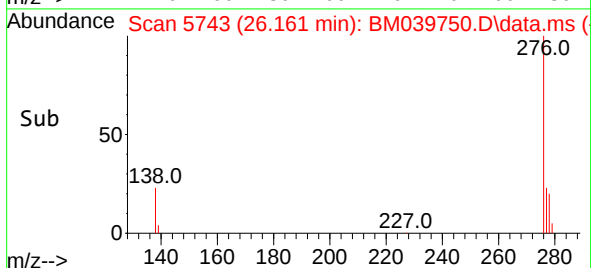
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

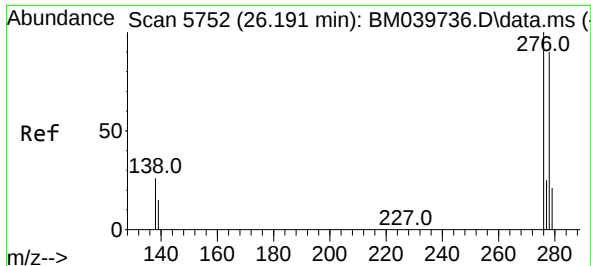


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.915 ng/ul
RT: 26.161 min Scan# 5743
Delta R.T. -0.040 min
Lab File: BM039750.D
Acq: 28 Apr 2023 23:30



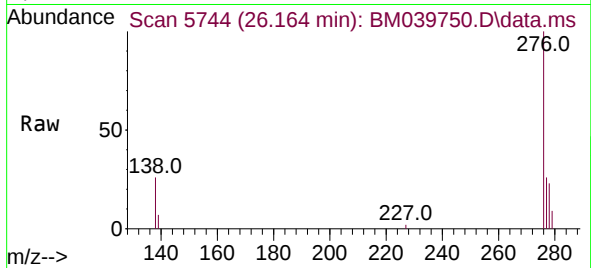
Tgt Ion:276 Resp: 36511
Ion Ratio Lower Upper
276 100
138 22.6 21.1 31.7
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.292 ng/ul
RT: 26.164 min Scan# 51
Delta R.T. -0.054 min
Lab File: BM039750.D
Acq: 28 Apr 2023 23:30

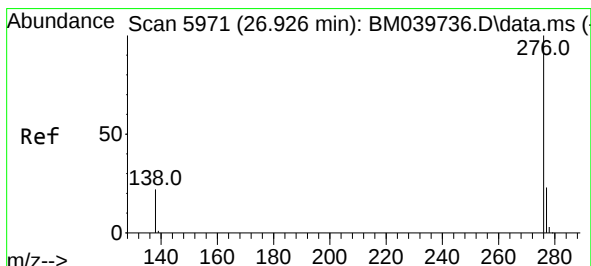
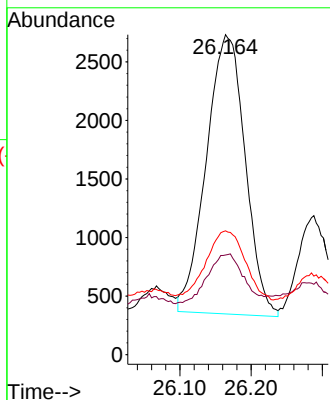
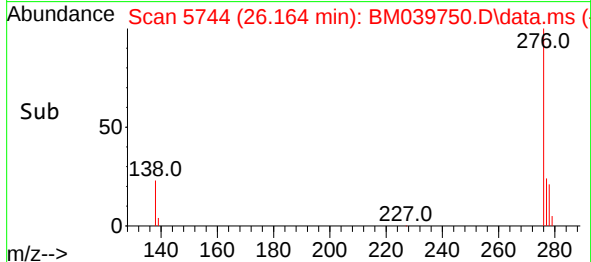
Instrument :
BNA_M
ClientSampleId :
EW8X1



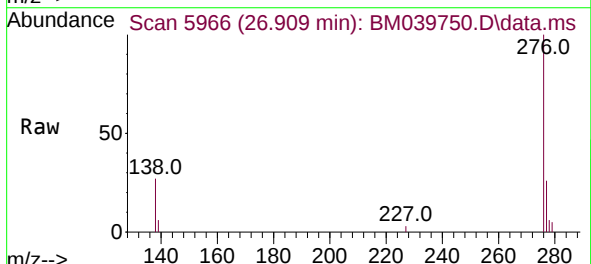
Tgt Ion:278 Resp: 9048
Ion Ratio Lower Upper
278 100
139 31.1 17.0 25.6
279 38.7 23.4 35.2

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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: 0.827 ng/ul
RT: 26.909 min Scan# 5966
Delta R.T. -0.040 min
Lab File: BM039750.D
Acq: 28 Apr 2023 23:30



Tgt Ion:276 Resp: 28754
Ion Ratio Lower Upper
276 100
138 27.0 20.1 30.1
277 26.0 20.1 30.1

