

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039739.D
 Acq On : 28 Apr 2023 16:55
 Operator : CG/JU
 Sample : 02417-24MS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW906MS

Quant Time: Apr 29 02:24:56 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	2904	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.601	136	12446	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.451	164	7692	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	17421	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.394	240	12627	0.400	ng/ul	#-0.01
23) Perylene-d12	23.744	264	12127	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	1534	0.358	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.195	152	4201	0.263	ng/ul	-0.02
18) Fluoranthene-d10	19.234	212	11278	0.332	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.222	88	3629	0.819	ng/ul#	48
5) Naphthalene	10.650	128	14411	0.461	ng/ul	99
7) 2-Methylnaphthalene	12.272	142	10499	0.582	ng/ul	98
8) 1-Methylnaphthalene	12.487	142	9001	0.465	ng/ul	99
10) Acenaphthylene	14.173	152	21419	0.719	ng/ul	99
11) Acenaphthene	14.511	153	9665	0.413	ng/ul	98
12) Fluorene	15.506	166	10250	0.395	ng/ul	99
14) Pentachlorophenol	16.875	266	584	0.154	ng/ul	98
15) Phenanthrene	17.242	178	178884	3.898	ng/ul	99
16) Anthracene	17.335	178	42207	1.071	ng/ul	99
19) Fluoranthene	19.262	202	541299	12.016	ng/ul	100
20) Pyrene	19.624	202	487384	10.019	ng/ul	99
21) Benzo(a)anthracene	21.379	228	242383	6.676	ng/ul	98
22) Chrysene	21.432	228	264283	6.433	ng/ul	98
24) Benzo(b)fluoranthene	23.030	252	324945	7.630	ng/ul	94
25) Benzo(k)fluoranthene	23.071	252	122239m	2.819	ng/ul	
26) Benzo(a)pyrene	23.638	252	209082	5.468	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.164	276	160705	3.324	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.174	278	42134	1.123	ng/ul	98
29) Benzo(g,h,i)perylene	26.912	276	137736	3.269	ng/ul	98

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

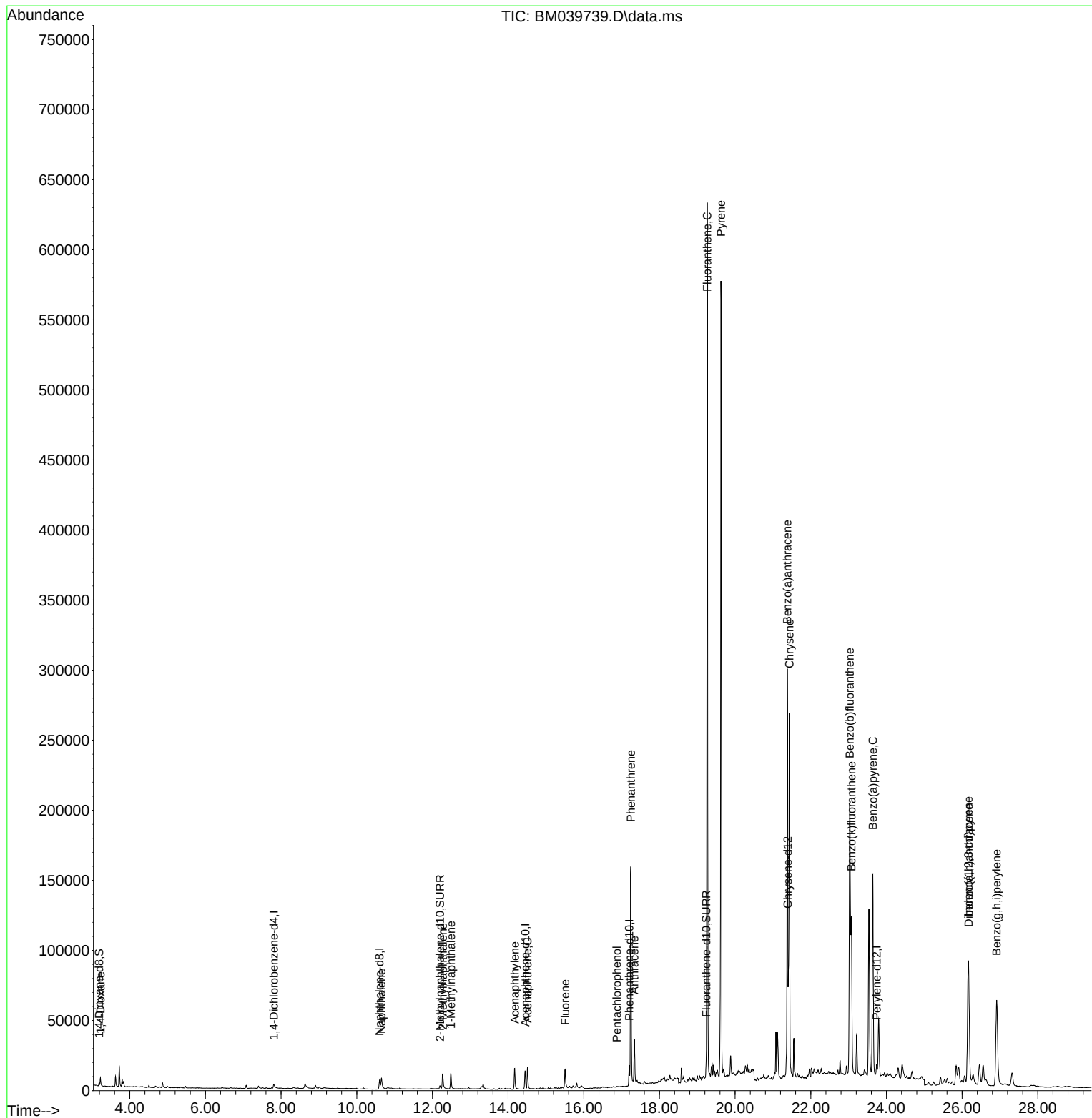
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
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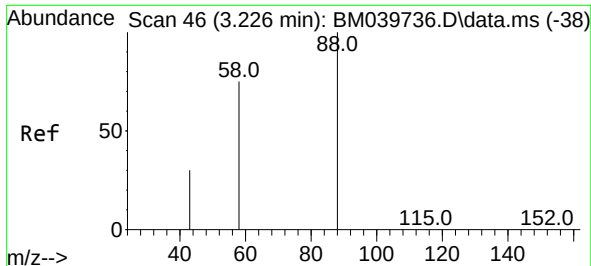
Instrument :
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EW906MS

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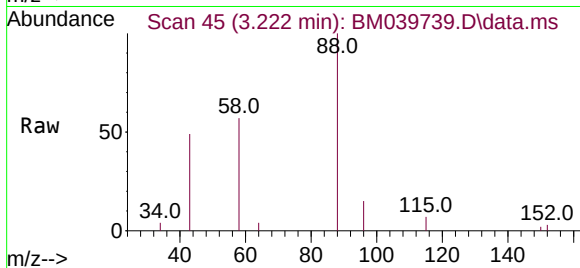
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023





#2
1,4-Dioxane
Concen: 0.819 ng/ul
RT: 3.222 min Scan# 45
Delta R.T. -0.004 min
Lab File: BM039739.D
Acq: 28 Apr 2023 16:55

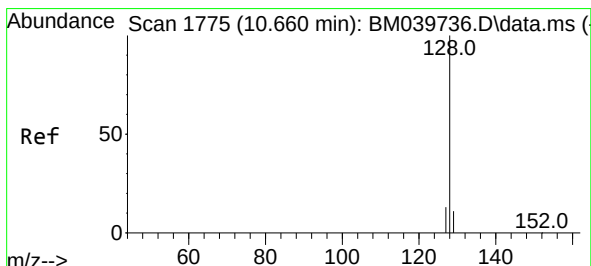
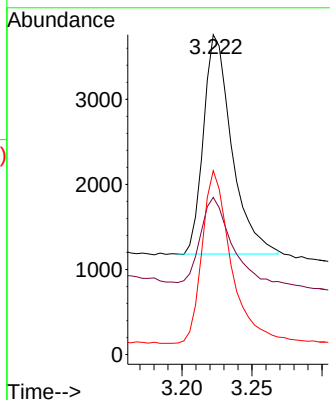
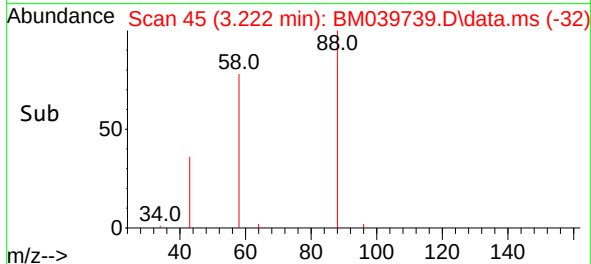
Instrument :
BNA_M
ClientSampleId :
EW906MS



Tgt Ion: 88 Resp: 3629
Ion Ratio Lower Upper
88 100
43 49.1 102.6 153.8
58 57.5 40.6 61.0

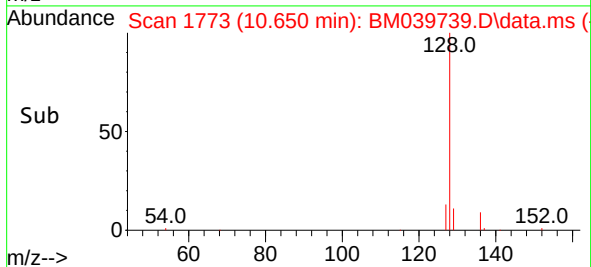
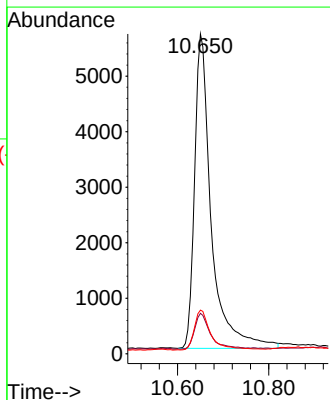
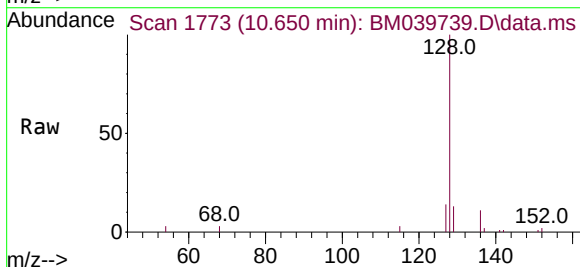
Manual Integrations
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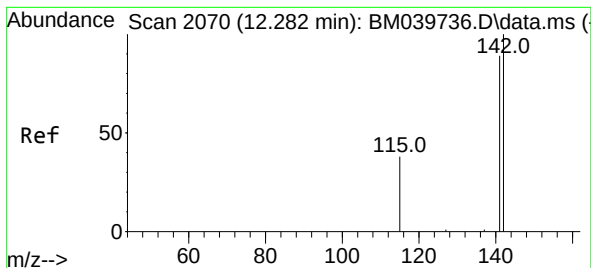
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#5
Naphthalene
Concen: 0.461 ng/ul
RT: 10.650 min Scan# 1773
Delta R.T. -0.011 min
Lab File: BM039739.D
Acq: 28 Apr 2023 16:55

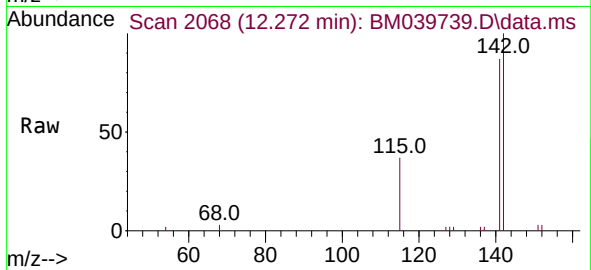
Tgt Ion:128 Resp: 14411
Ion Ratio Lower Upper
128 100
129 12.7 9.8 14.6
127 13.7 11.1 16.7





#7
2-Methylnaphthalene
Concen: 0.582 ng/ul
RT: 12.272 min Scan# 2070
Delta R.T. -0.016 min
Lab File: BM039739.D
Acq: 28 Apr 2023 16:55

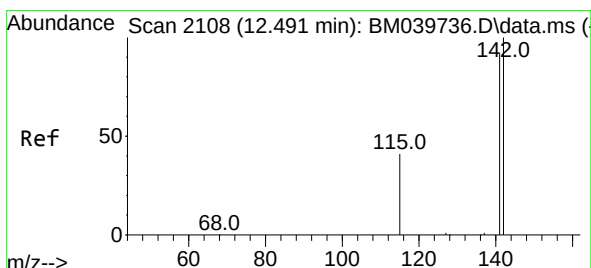
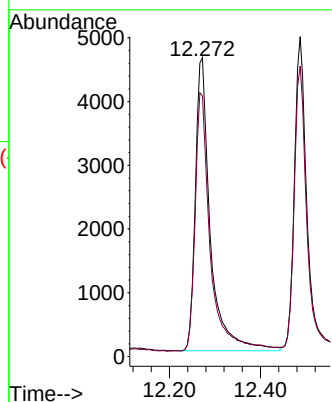
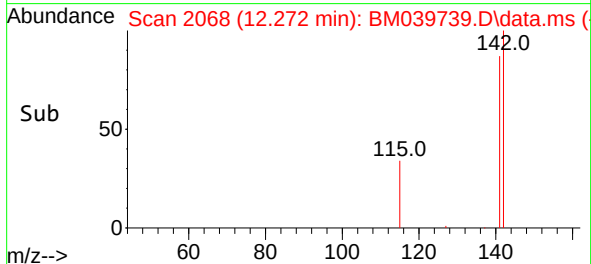
Instrument :
BNA_M
ClientSampleId :
EW906MS



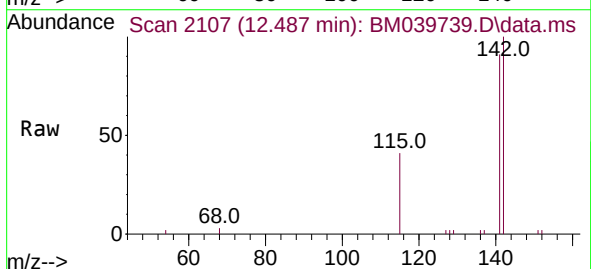
Tgt Ion:142 Resp: 10499
Ion Ratio Lower Upper
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141 89.9 73.2 109.8

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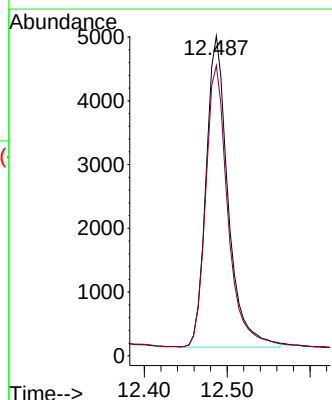
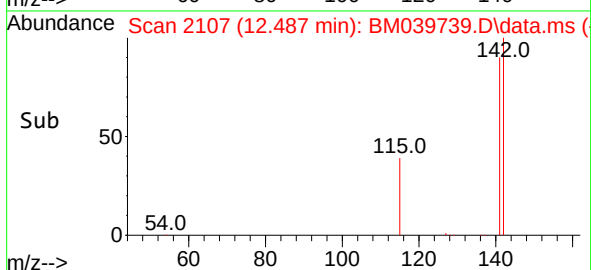
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

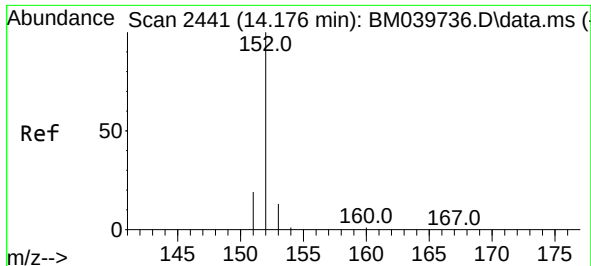


#8
1-Methylnaphthalene
Concen: 0.465 ng/ul
RT: 12.487 min Scan# 2107
Delta R.T. -0.011 min
Lab File: BM039739.D
Acq: 28 Apr 2023 16:55



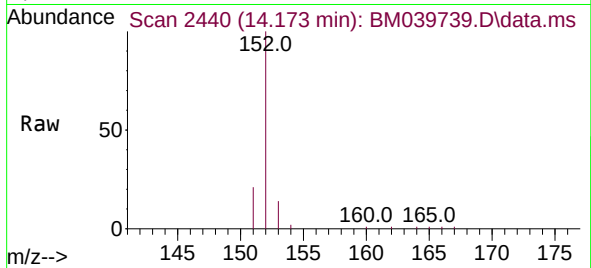
Tgt Ion:142 Resp: 9001
Ion Ratio Lower Upper
142 100
141 90.6 73.4 110.2





#10
Acenaphthylene
Concen: 0.719 ng/ul
RT: 14.173 min Scan# 2441
Delta R.T. -0.009 min
Lab File: BM039739.D
Acq: 28 Apr 2023 16:55

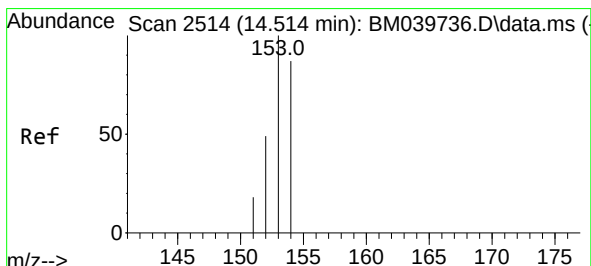
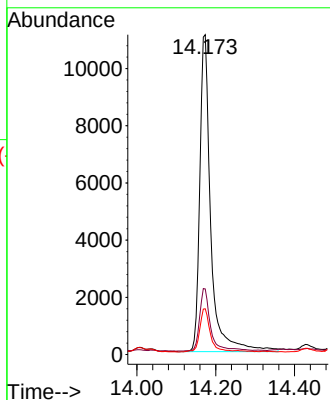
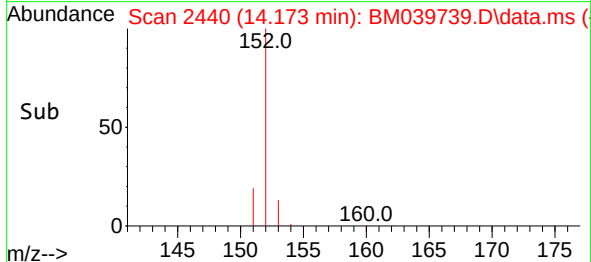
Instrument :
BNA_M
ClientSampleId :
EW906MS



Tgt Ion:152 Resp: 21419
Ion Ratio Lower Upper
152 100
151 20.5 16.0 24.0
153 14.3 11.2 16.8

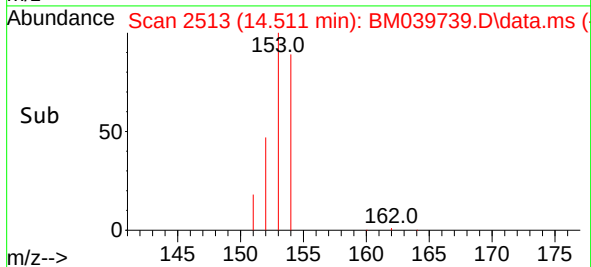
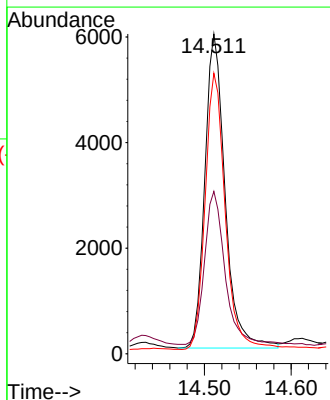
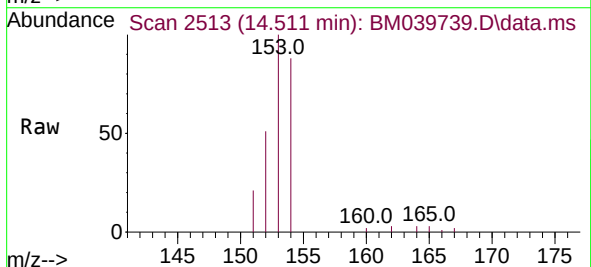
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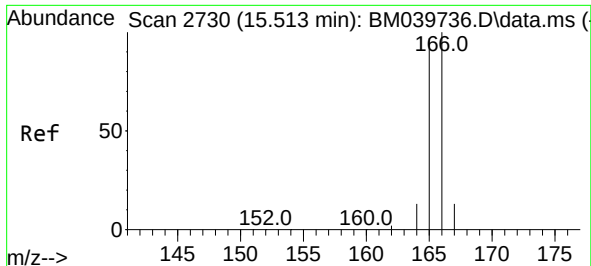
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#11
Acenaphthene
Concen: 0.413 ng/ul
RT: 14.511 min Scan# 2513
Delta R.T. -0.009 min
Lab File: BM039739.D
Acq: 28 Apr 2023 16:55

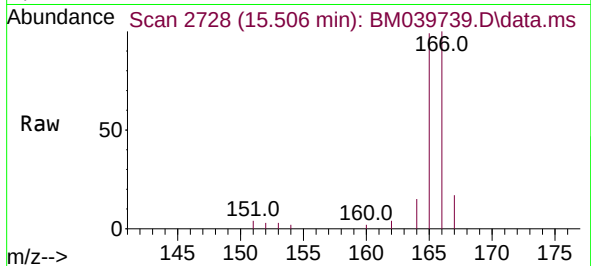
Tgt Ion:153 Resp: 9665
Ion Ratio Lower Upper
153 100
152 50.8 40.6 61.0
154 87.7 71.9 107.9





#12
Fluorene
Concen: 0.395 ng/ul
RT: 15.506 min Scan# 21
Delta R.T. -0.014 min
Lab File: BM039739.D
Acq: 28 Apr 2023 16:55

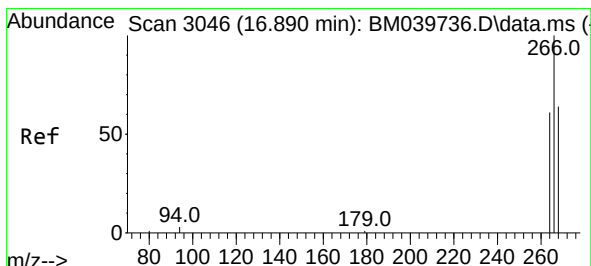
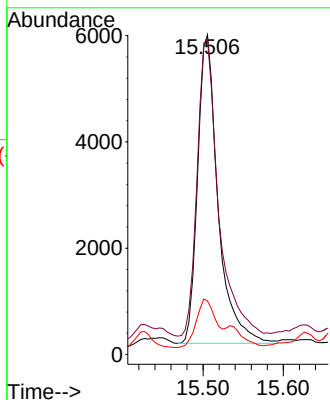
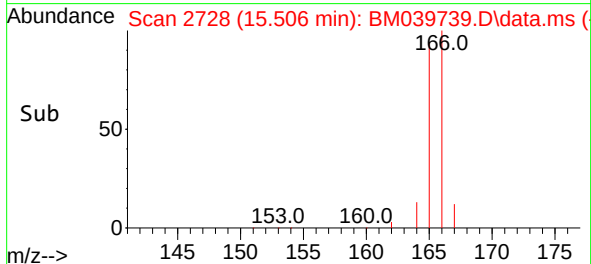
Instrument :
BNA_M
ClientSampleId :
EW906MS



Tgt Ion:166 Resp: 10250
Ion Ratio Lower Upper
166 100
165 98.5 79.0 118.6
167 16.8 11.8 17.6

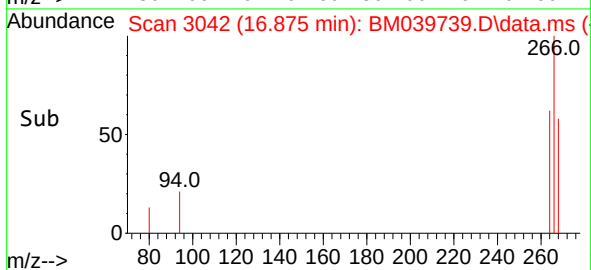
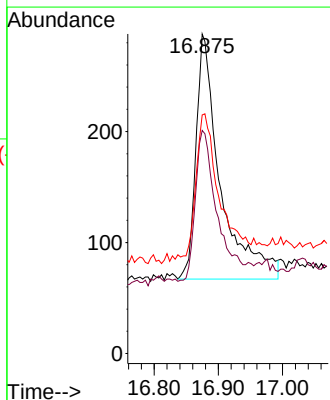
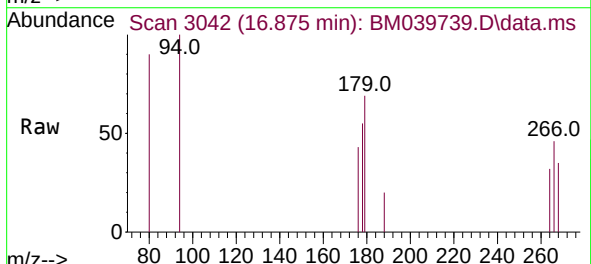
Manual Integrations
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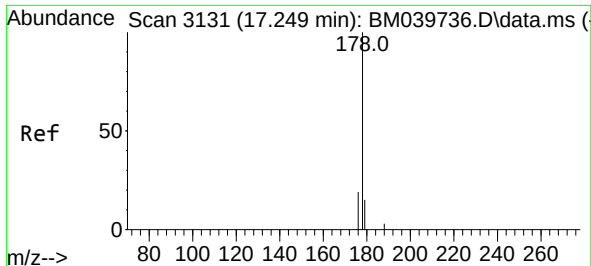
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#14
Pentachlorophenol
Concen: 0.154 ng/ul
RT: 16.875 min Scan# 3042
Delta R.T. -0.025 min
Lab File: BM039739.D
Acq: 28 Apr 2023 16:55

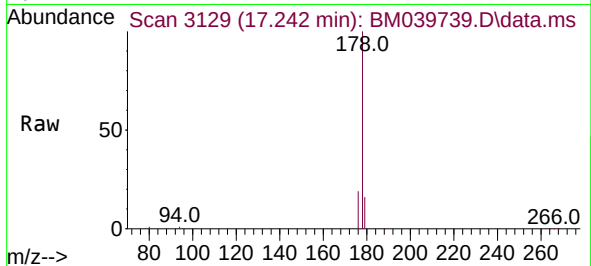
Tgt Ion:266 Resp: 584
Ion Ratio Lower Upper
266 100
264 61.0 48.8 73.2
268 60.6 50.4 75.6





#15
Phenanthrene
Concen: 3.898 ng/ul
RT: 17.242 min Scan# 3111
Delta R.T. -0.013 min
Lab File: BM039739.D
Acq: 28 Apr 2023 16:55

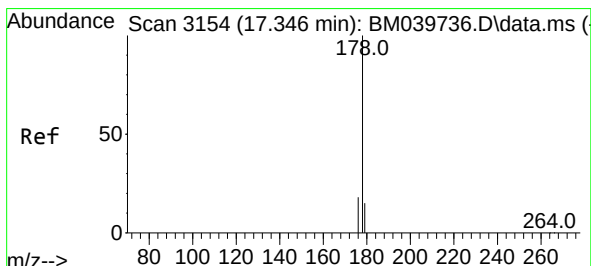
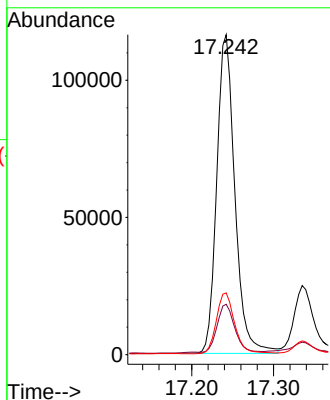
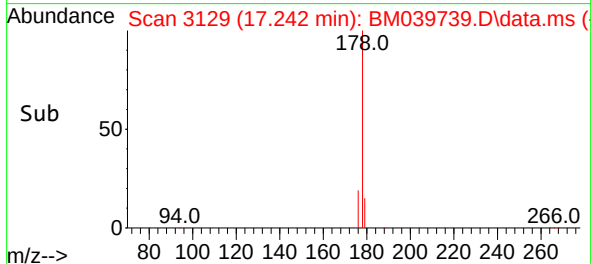
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:178 Resp: 178884
Ion Ratio Lower Upper
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179 15.7 13.0 19.6
176 19.3 15.8 23.8

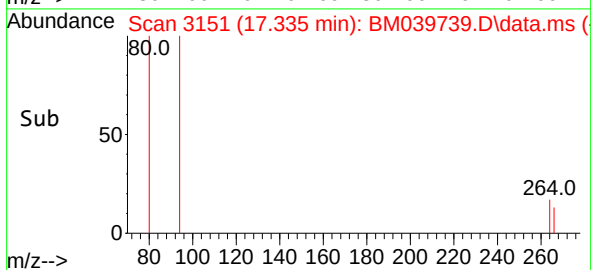
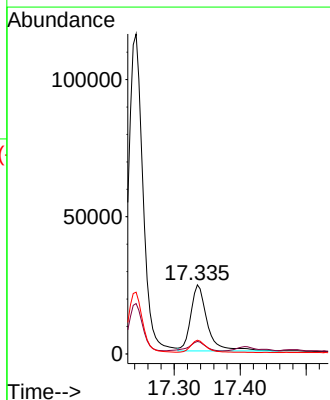
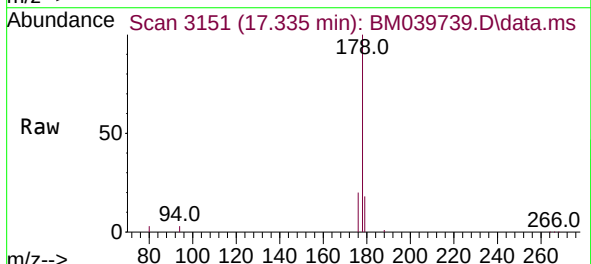
Manual Integrations
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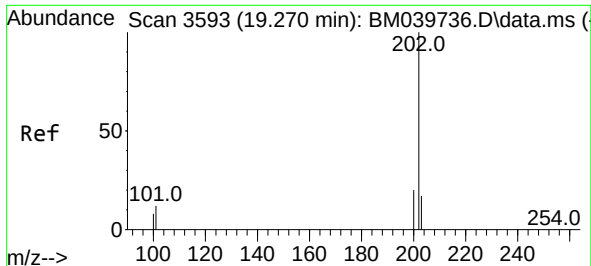
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#16
Anthracene
Concen: 1.071 ng/ul
RT: 17.335 min Scan# 3151
Delta R.T. -0.021 min
Lab File: BM039739.D
Acq: 28 Apr 2023 16:55

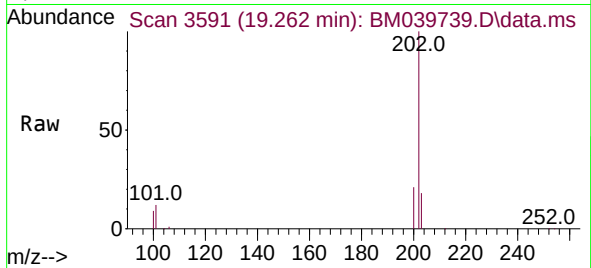
Tgt Ion:178 Resp: 42207
Ion Ratio Lower Upper
178 100
179 18.0 13.8 20.6
176 19.9 15.8 23.8





#19
Fluoranthene
Concen: 12.016 ng/uI
RT: 19.262 min Scan# 3591
Delta R.T. -0.014 min
Lab File: BM039739.D
Acq: 28 Apr 2023 16:55

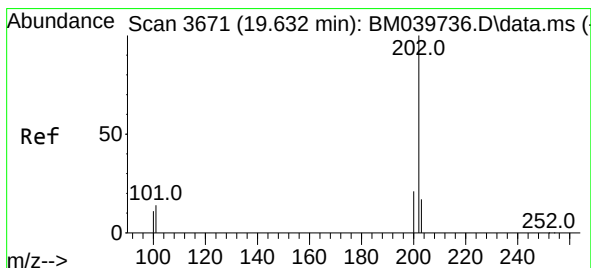
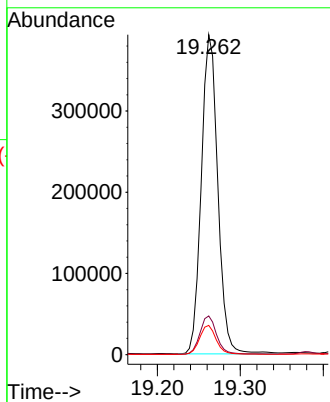
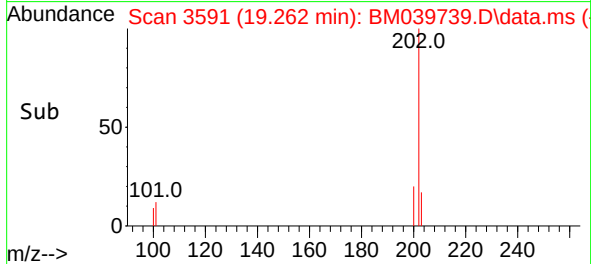
Instrument :
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EW906MS



Tgt Ion:202 Resp: 541299
Ion Ratio Lower Upper
202 100
101 12.1 9.8 14.8
100 9.1 7.3 10.9

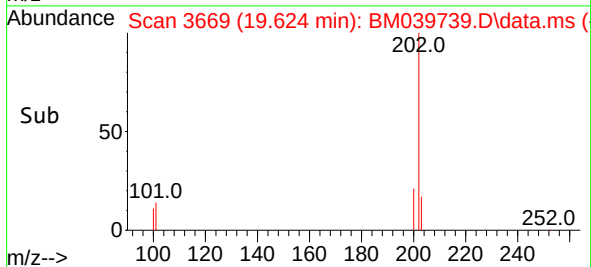
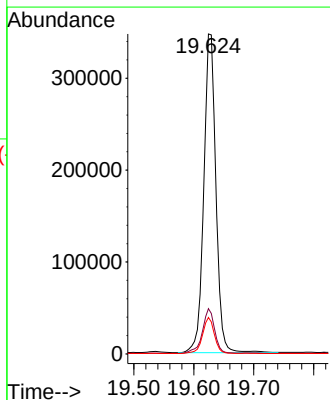
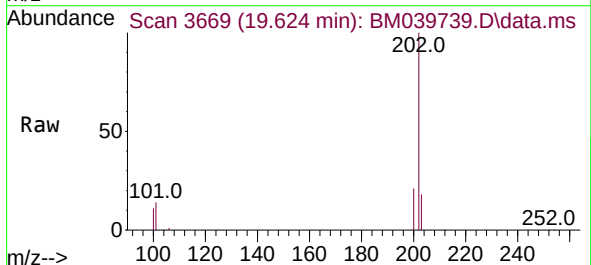
Manual Integrations
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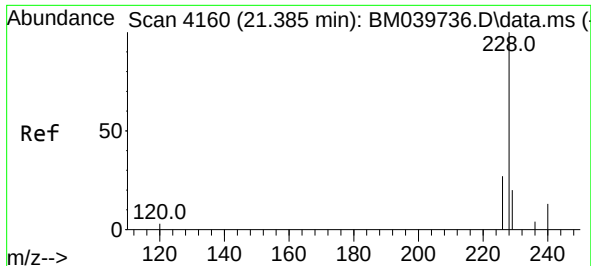
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#20
Pyrene
Concen: 10.019 ng/uI
RT: 19.624 min Scan# 3669
Delta R.T. -0.019 min
Lab File: BM039739.D
Acq: 28 Apr 2023 16:55

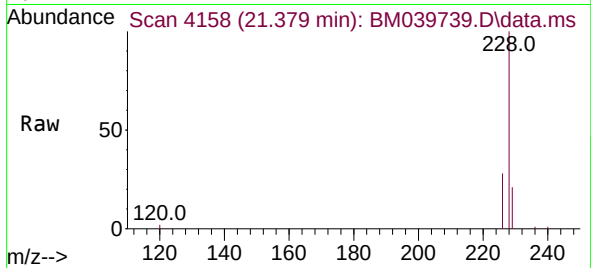
Tgt Ion:202 Resp: 487384
Ion Ratio Lower Upper
202 100
101 14.1 10.9 16.3
100 11.4 8.9 13.3





#21
Benzo(a)anthracene
Concen: 6.676 ng/ul
RT: 21.379 min Scan# 4160
Delta R.T. -0.017 min
Lab File: BM039739.D
Acq: 28 Apr 2023 16:55

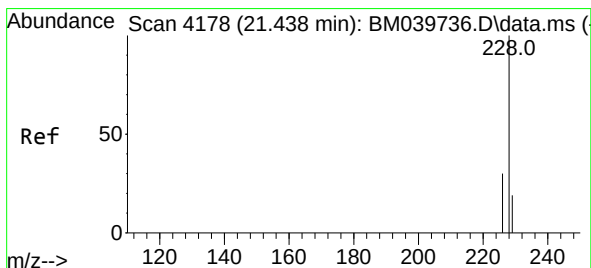
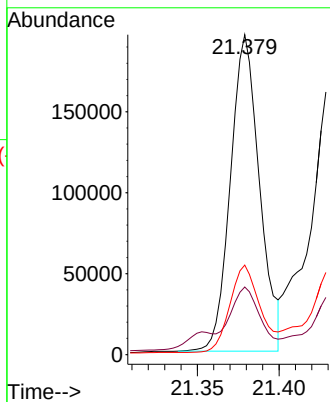
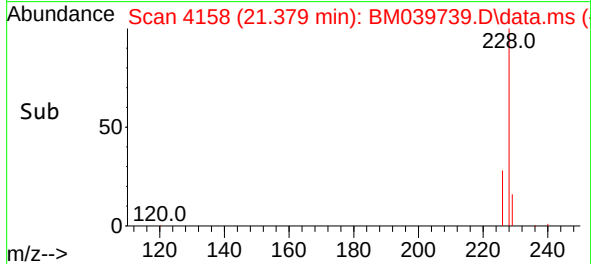
Instrument :
BNA_M
ClientSampleId :
EW906MS



Tgt Ion:228 Resp: 242383
Ion Ratio Lower Upper
228 100
229 21.1 16.2 24.2
226 28.0 21.6 32.4

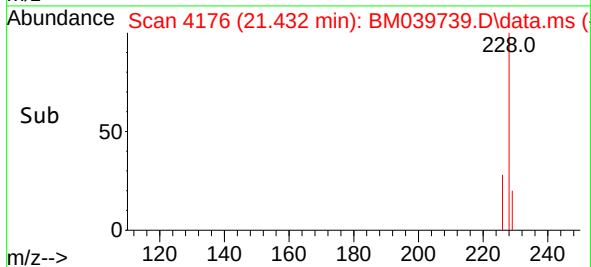
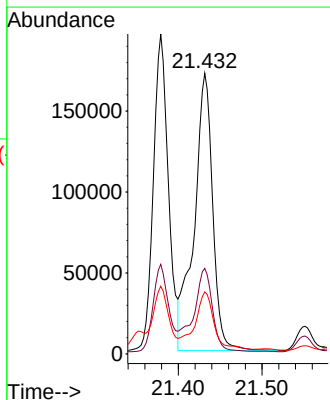
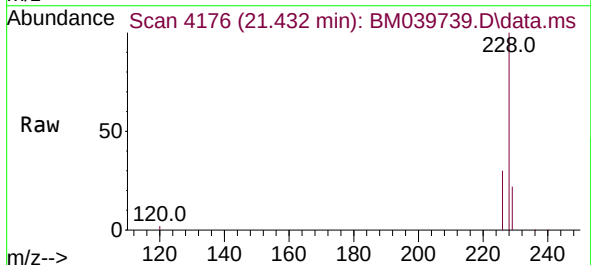
Manual Integrations
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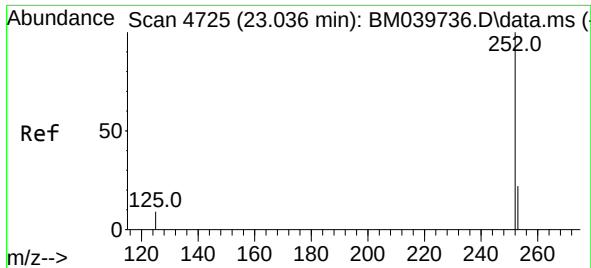
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#22
Chrysene
Concen: 6.433 ng/ul
RT: 21.432 min Scan# 4176
Delta R.T. -0.015 min
Lab File: BM039739.D
Acq: 28 Apr 2023 16:55

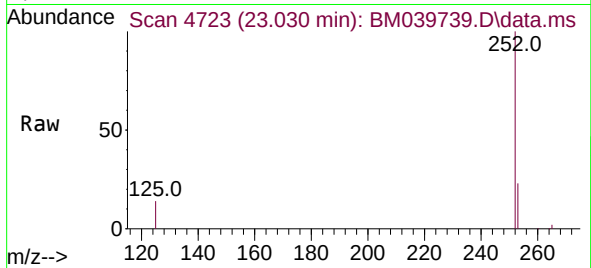
Tgt Ion:228 Resp: 264283
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 22.1 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 7.630 ng/ul
RT: 23.030 min Scan# 4725
Delta R.T. -0.015 min
Lab File: BM039739.D
Acq: 28 Apr 2023 16:55

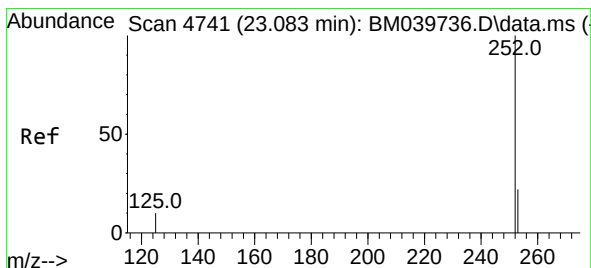
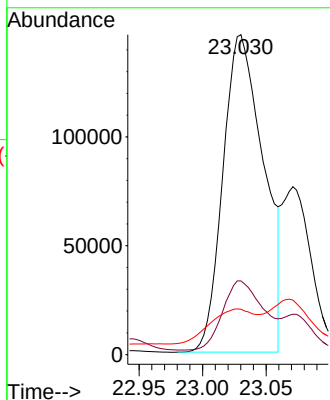
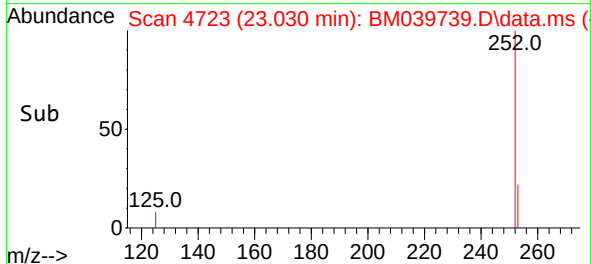
Instrument :
BNA_M
ClientSampleId :
EW906MS



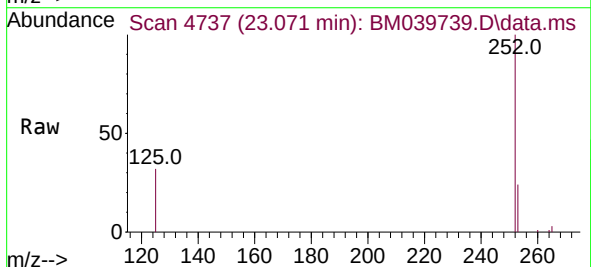
Tgt Ion:252 Resp: 324945
Ion Ratio Lower Upper
252 100
253 23.0 0.0 52.8
125 14.2 0.0 31.6

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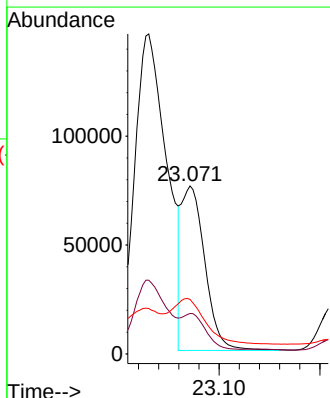
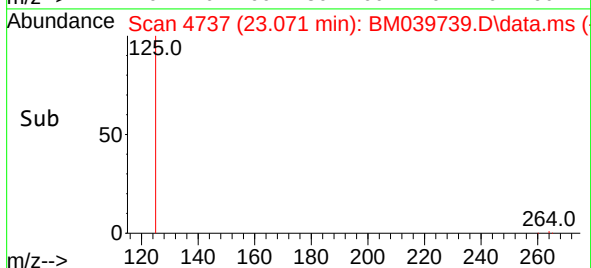
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

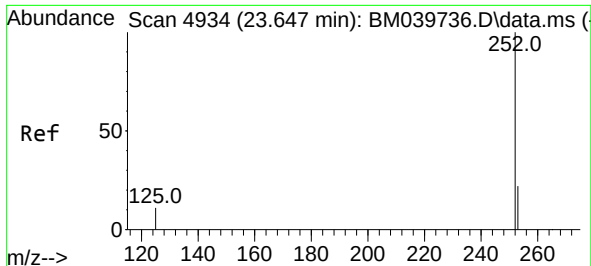


#25
Benzo(k)fluoranthene
Concen: 2.819 ng/ul m
RT: 23.071 min Scan# 4737
Delta R.T. -0.023 min
Lab File: BM039739.D
Acq: 28 Apr 2023 16:55



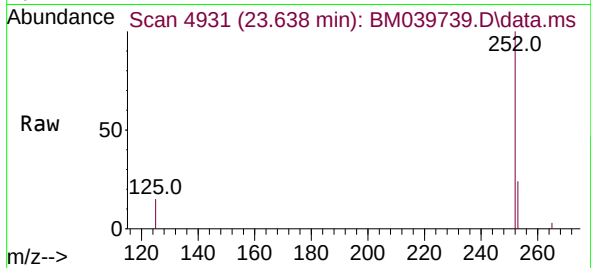
Tgt Ion:252 Resp: 122239
Ion Ratio Lower Upper
252 100
253 24.0 21.3 31.9
125 32.5 13.0 19.6#





#26
Benzo(a)pyrene
Concen: 5.468 ng/ul
RT: 23.638 min Scan# 4931
Delta R.T. -0.026 min
Lab File: BM039739.D
Acq: 28 Apr 2023 16:55

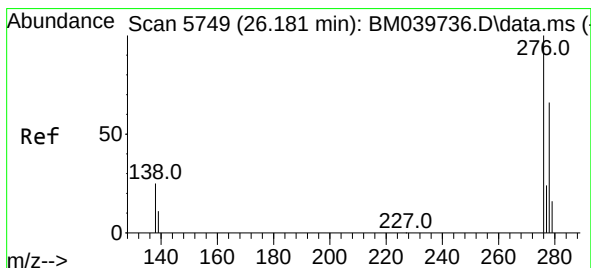
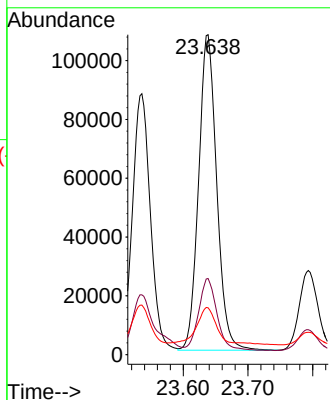
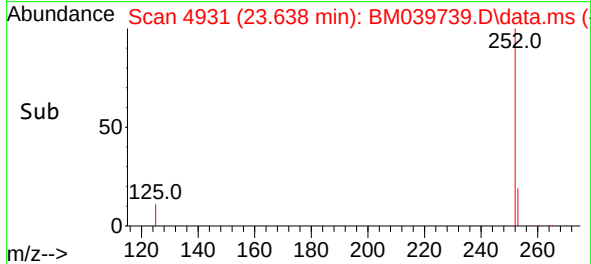
Instrument :
BNA_M
ClientSampleId :
EW906MS



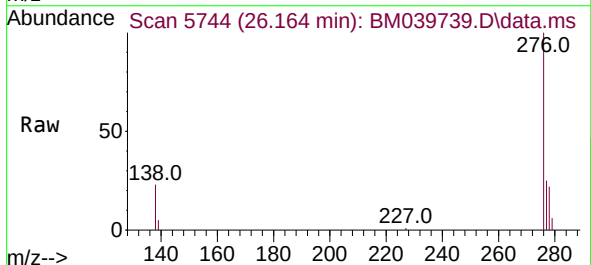
Tgt Ion:252 Resp: 209082
Ion Ratio Lower Upper
252 100
253 23.8 24.7 37.1#
125 14.6 16.5 24.7#

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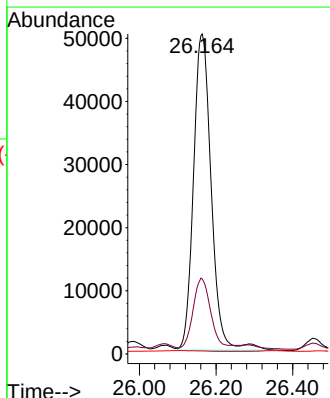
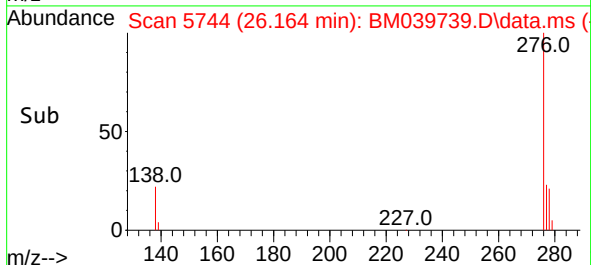
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

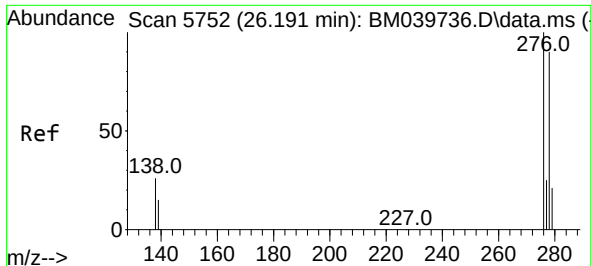


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.324 ng/ul
RT: 26.164 min Scan# 5744
Delta R.T. -0.037 min
Lab File: BM039739.D
Acq: 28 Apr 2023 16:55



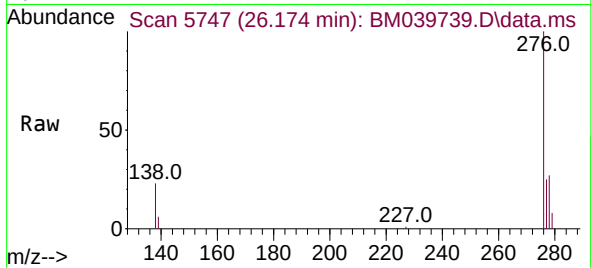
Tgt Ion:276 Resp: 160705
Ion Ratio Lower Upper
276 100
138 23.6 21.1 31.7
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 1.123 ng/ul
RT: 26.174 min Scan# 51
Delta R.T. -0.044 min
Lab File: BM039739.D
Acq: 28 Apr 2023 16:55

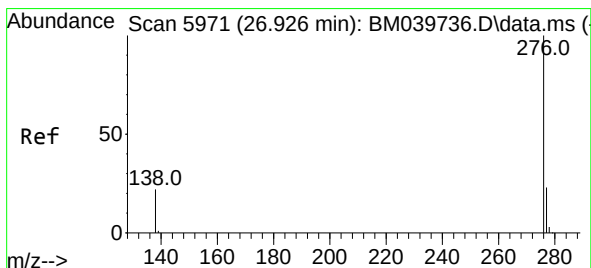
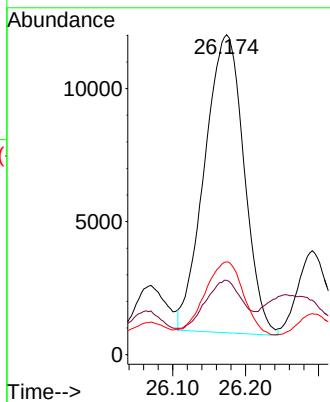
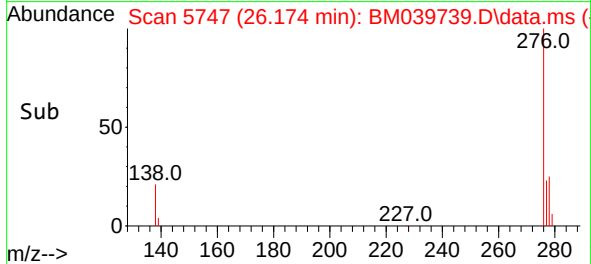
Instrument :
BNA_M
ClientSampleId :
EW906MS



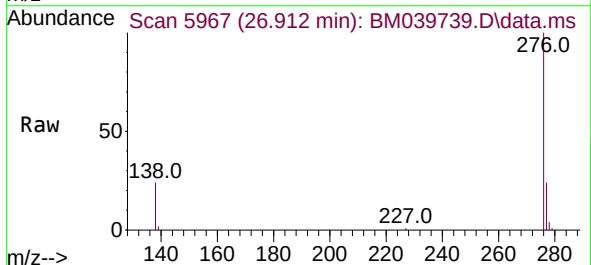
Tgt Ion:278 Resp: 42134
Ion Ratio Lower Upper
278 100
139 23.2 17.0 25.6
279 29.0 23.4 35.2

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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: 3.269 ng/ul
RT: 26.912 min Scan# 5967
Delta R.T. -0.037 min
Lab File: BM039739.D
Acq: 28 Apr 2023 16:55



Tgt Ion:276 Resp: 137736
Ion Ratio Lower Upper
276 100
138 24.0 20.1 30.1
277 24.2 20.1 30.1

