

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
 Data File : BM039895.D
 Acq On : 09 May 2023 15:57
 Operator : CG/JU
 Sample : 02479-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW973

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/10/2023
 Supervised By : Jagrut Upadhyay 05/10/2023

Quant Time: May 10 00:27:32 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 : Tue May 09 12:11:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.779	152	2674	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.579	136	9123	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.437	164	5393	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.196	188	12404	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.399	240	7615	0.400	ng/ul	# 0.00
23) Perylene-d12	23.755	264	8512	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.180	96	9759	2.476	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.179	152	2749	0.235	ng/ul	0.00
18) Fluoranthene-d10	19.234	212	5799	0.283	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.628	128	4768	0.208	ng/ul	96
7) 2-Methylnaphthalene	12.256	142	3794	0.287	ng/ul	96
8) 1-Methylnaphthalene	12.470	142	2648	0.187	ng/ul	97
10) Acenaphthylene	14.159	152	17202	0.824	ng/ul	97
11) Acenaphthene	14.502	153	2915	0.178	ng/ul	96
12) Fluorene	15.492	166	4748	0.261	ng/ul#	97
15) Phenanthrene	17.238	178	79100	2.421	ng/ul	99
16) Anthracene	17.331	178	24828	0.885	ng/ul	99
19) Fluoranthene	19.262	202	218104	8.028	ng/ul	99
20) Pyrene	19.629	202	185594	6.326	ng/ul	99
21) Benzo(a)anthracene	21.385	228	126112	5.760	ng/ul	96
22) Chrysene	21.437	228	124428	5.022	ng/ul	95
24) Benzo(b)fluoranthene	23.042	252	181692m	6.078	ng/ul	
25) Benzo(k)fluoranthene	23.083	252	61336m	2.015	ng/ul	
26) Benzo(a)pyrene	23.650	252	116640	4.346	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.198	276	97099	2.861	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.198	278	26824	1.018	ng/ul#	72
29) Benzo(g,h,i)perylene	26.956	276	105215	3.558	ng/ul	97

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

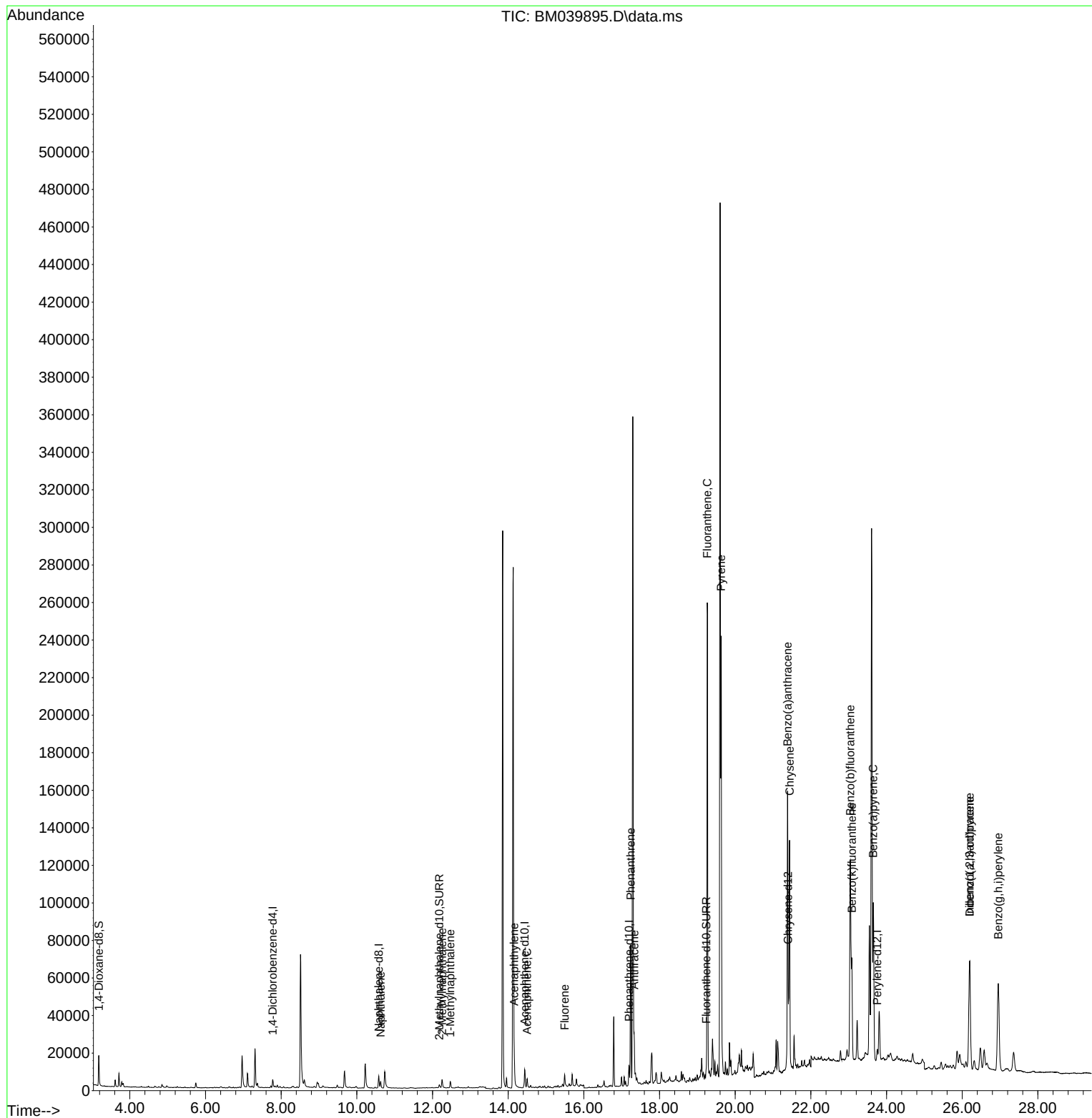
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
Data File : BM039895.D
Acq On : 09 May 2023 15:57
Operator : CG/JU
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ALS Vial : 10 Sample Multiplier: 1

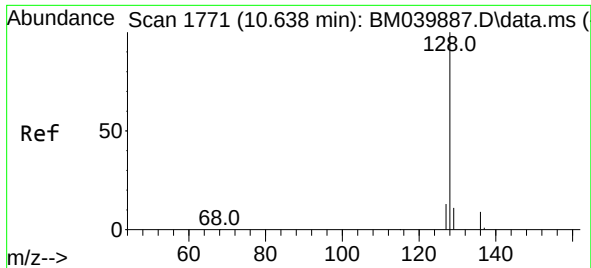
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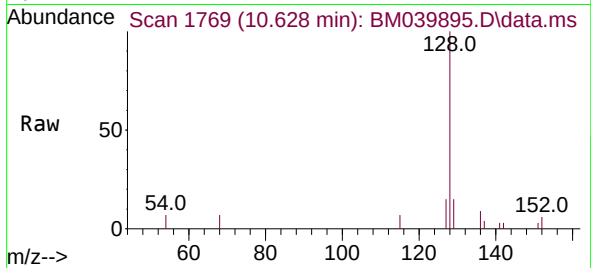
Quant Time: May 10 00:27:32 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 09 12:11:48 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.208 ng/ul
RT: 10.628 min Scan# 1769
Delta R.T. -0.010 min
Lab File: BM039895.D
Acq: 09 May 2023 15:57

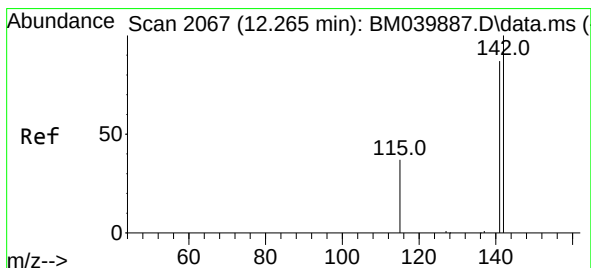
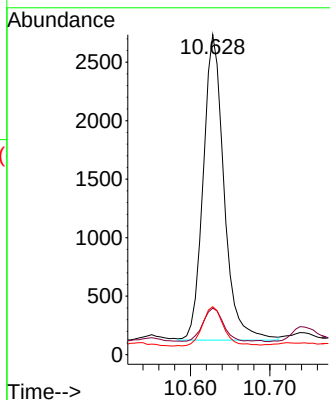
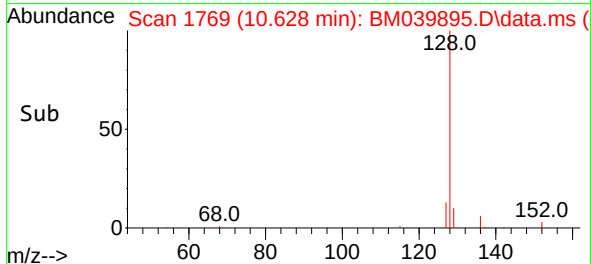
Instrument :
BNA_M
ClientSampleId :
EW973



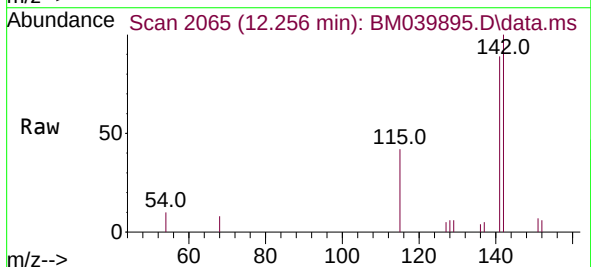
Tgt Ion:128 Resp: 4768
Ion Ratio Lower Upper
128 100
129 14.6 9.8 14.6
127 15.0 11.1 16.7

Manual Integrations
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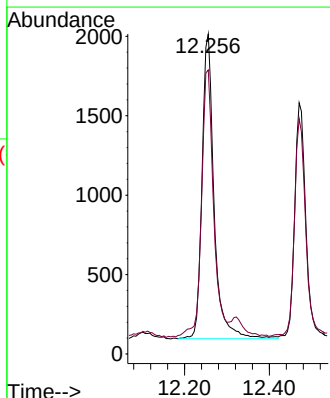
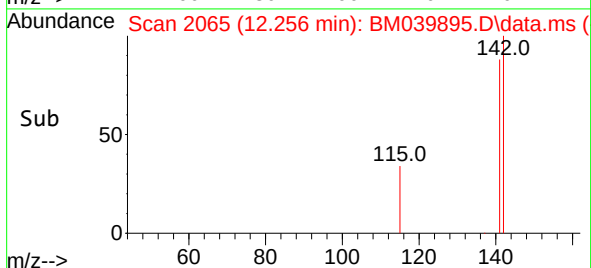
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023

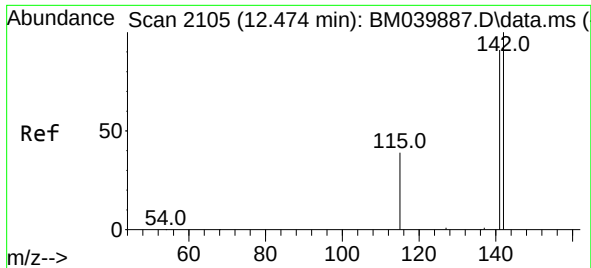


#7
2-Methylnaphthalene
Concen: 0.287 ng/ul
RT: 12.256 min Scan# 2065
Delta R.T. -0.010 min
Lab File: BM039895.D
Acq: 09 May 2023 15:57



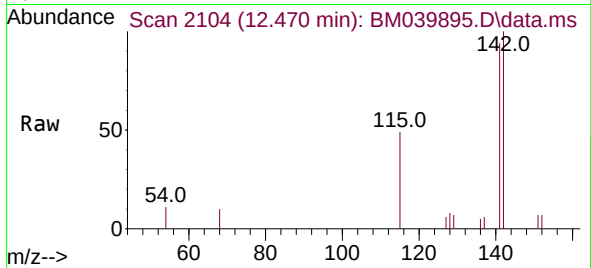
Tgt Ion:142 Resp: 3794
Ion Ratio Lower Upper
142 100
141 87.8 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.187 ng/ul
RT: 12.470 min Scan# 2104
Delta R.T. -0.004 min
Lab File: BM039895.D
Acq: 09 May 2023 15:57

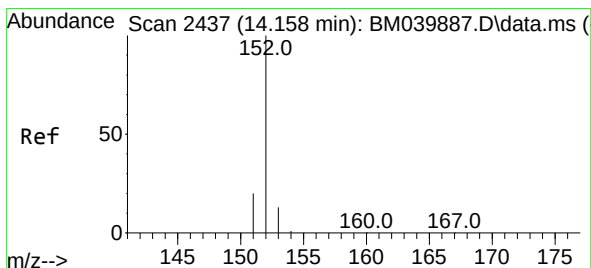
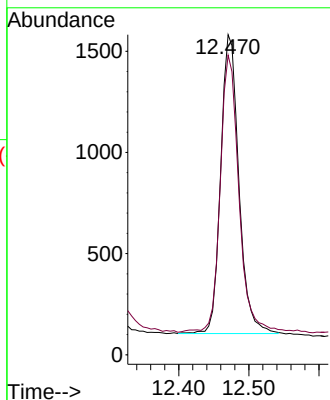
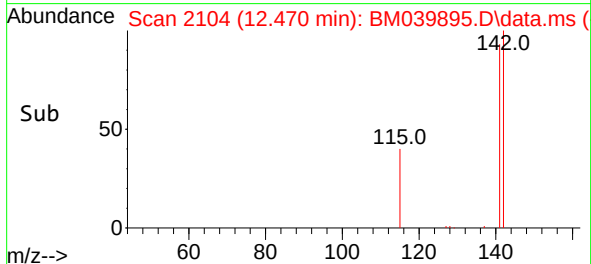
Instrument :
BNA_M
ClientSampleId :
EW973



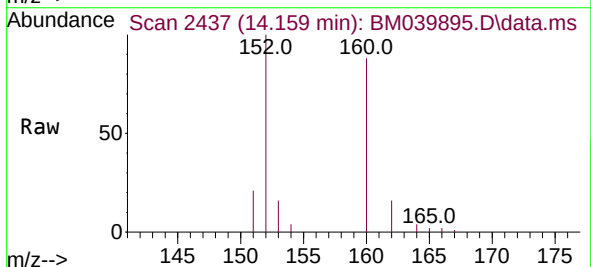
Tgt Ion:142 Resp: 2648
Ion Ratio Lower Upper
142 100
141 95.0 73.4 110.2

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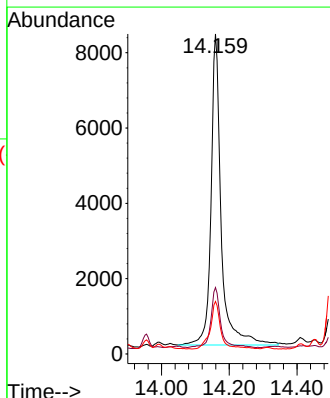
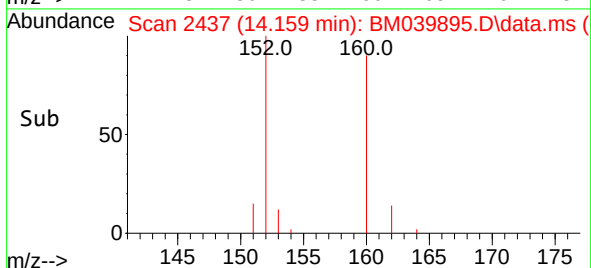
Reviewed By :Christian Giraldo 05/10/2023
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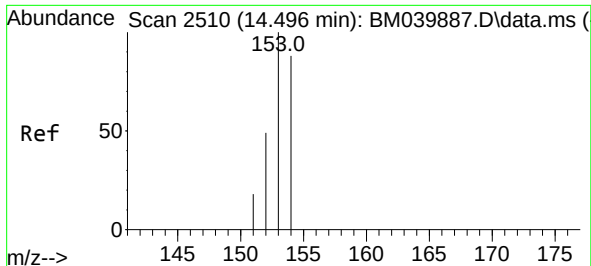


#10
Acenaphthylene
Concen: 0.824 ng/ul
RT: 14.159 min Scan# 2437
Delta R.T. 0.001 min
Lab File: BM039895.D
Acq: 09 May 2023 15:57



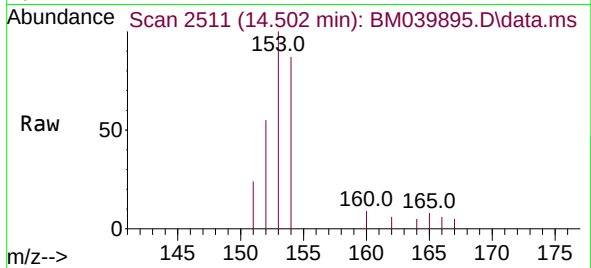
Tgt Ion:152 Resp: 17202
Ion Ratio Lower Upper
152 100
151 20.7 16.0 24.0
153 16.4 11.2 16.8





#11
Acenaphthene
Concen: 0.178 ng/ul
RT: 14.502 min Scan# 2511
Delta R.T. 0.006 min
Lab File: BM039895.D
Acq: 09 May 2023 15:57

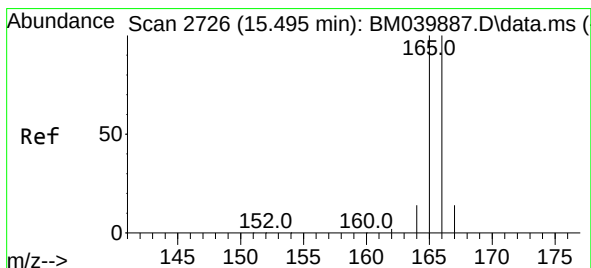
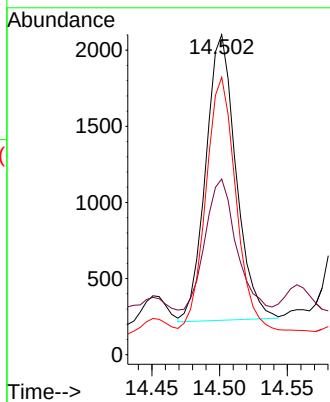
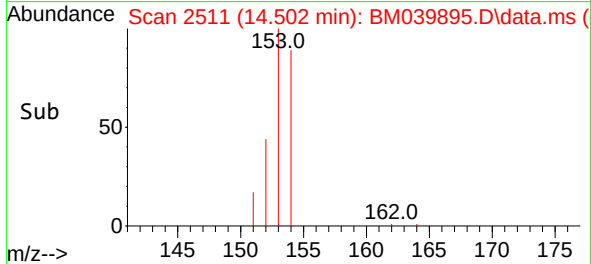
Instrument :
BNA_M
ClientSampleId :
EW973



Tgt Ion:153 Resp: 2915
Ion Ratio Lower Upper
153 100
152 54.9 40.6 61.0
154 86.7 71.9 107.9

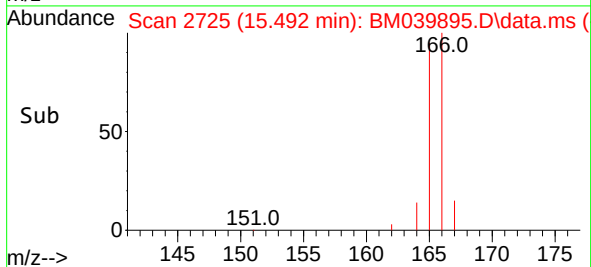
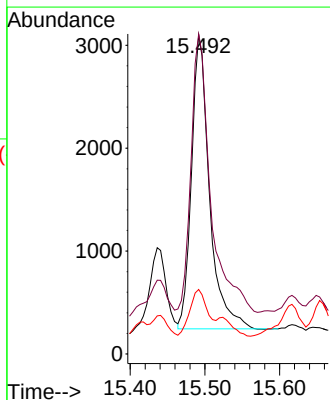
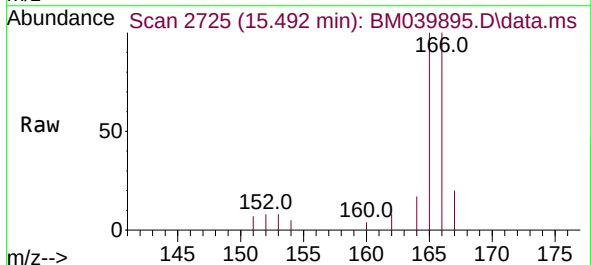
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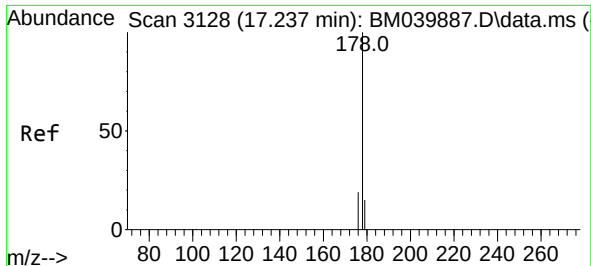
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#12
Fluorene
Concen: 0.261 ng/ul
RT: 15.492 min Scan# 2725
Delta R.T. -0.003 min
Lab File: BM039895.D
Acq: 09 May 2023 15:57

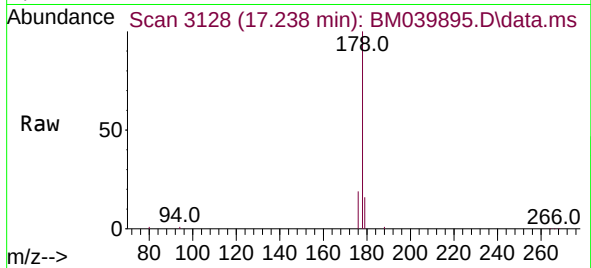
Tgt Ion:166 Resp: 4748
Ion Ratio Lower Upper
166 100
165 100.4 79.0 118.6
167 20.2 11.8 17.6#





#15
Phenanthrene
Concen: 2.421 ng/ul
RT: 17.238 min Scan# 3128
Delta R.T. 0.001 min
Lab File: BM039895.D
Acq: 09 May 2023 15:57

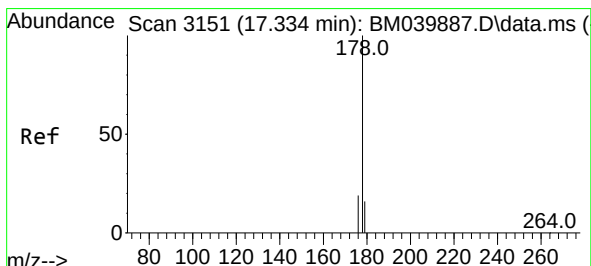
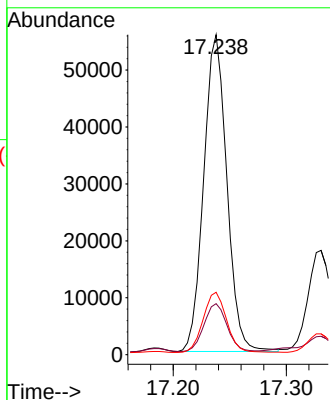
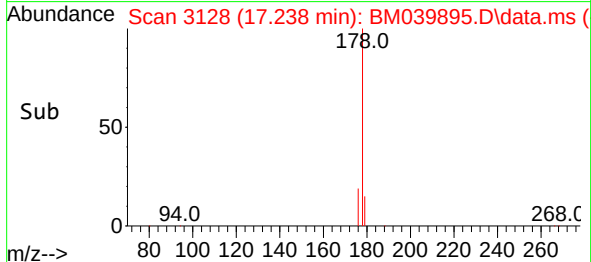
Instrument :
BNA_M
ClientSampleId :
EW973



Tgt Ion:178 Resp: 79100
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 19.5 15.8 23.8

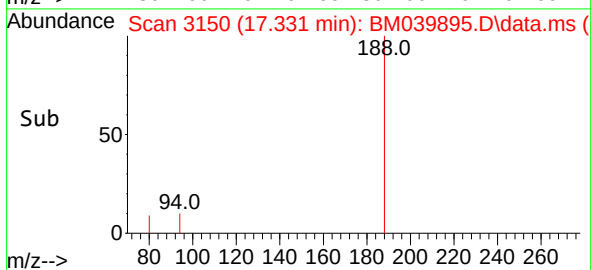
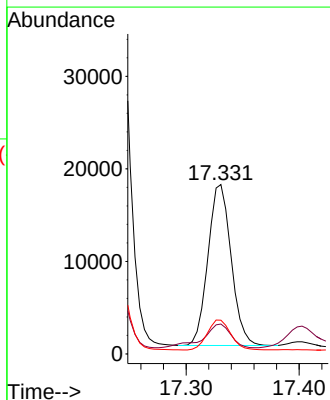
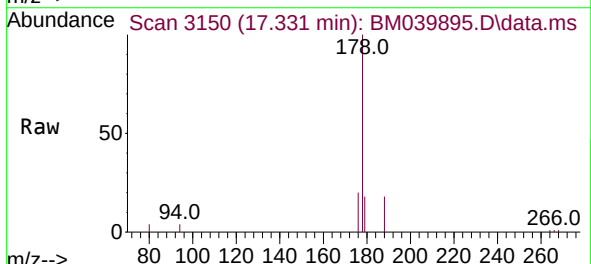
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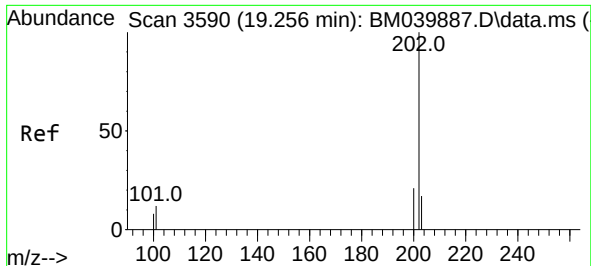
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#16
Anthracene
Concen: 0.885 ng/ul
RT: 17.331 min Scan# 3150
Delta R.T. -0.003 min
Lab File: BM039895.D
Acq: 09 May 2023 15:57

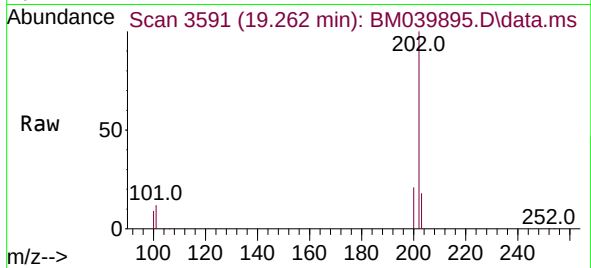
Tgt Ion:178 Resp: 24828
Ion Ratio Lower Upper
178 100
179 17.6 13.8 20.6
176 19.9 15.8 23.8





#19
Fluoranthene
Concen: 8.028 ng/u1
RT: 19.262 min Scan# 3591
Delta R.T. 0.006 min
Lab File: BM039895.D
Acq: 09 May 2023 15:57

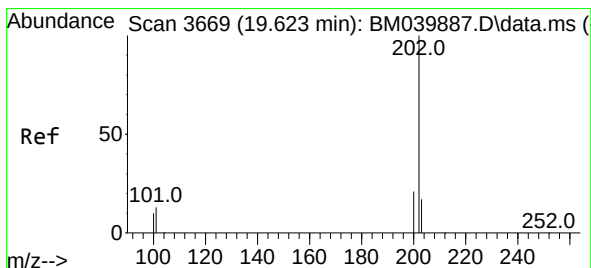
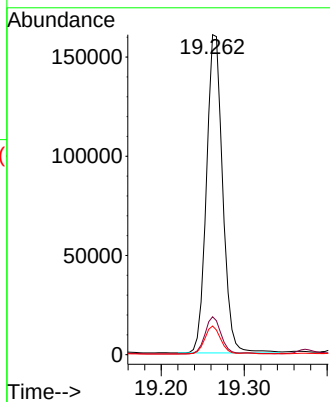
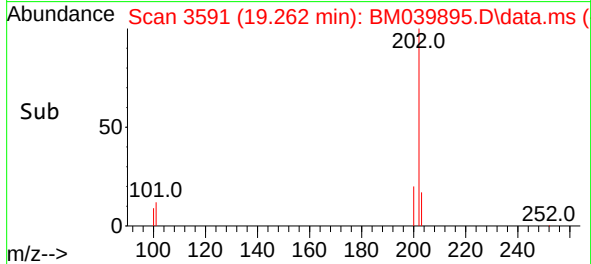
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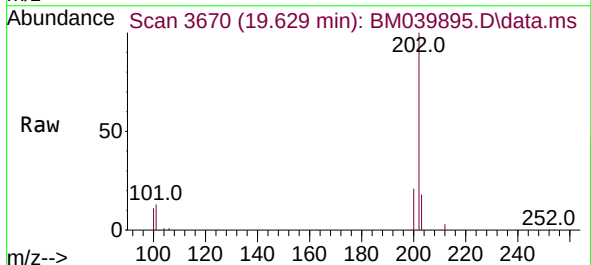
Tgt Ion:202 Resp: 218104
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.8
100 9.0 7.3 10.9

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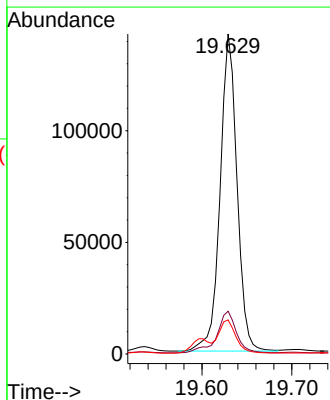
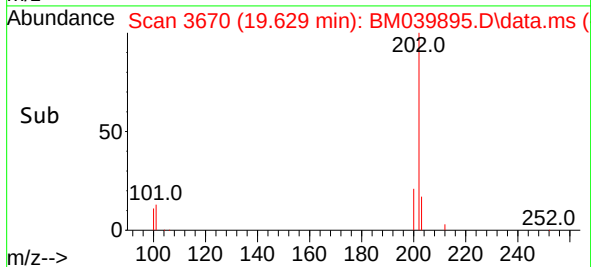
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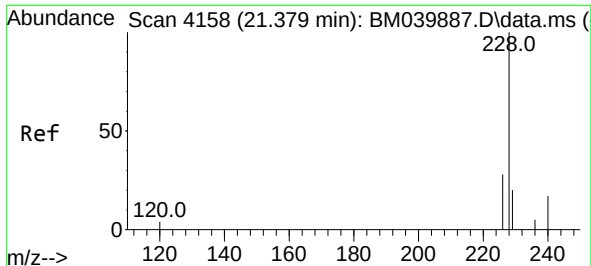


#20
Pyrene
Concen: 6.326 ng/u1
RT: 19.629 min Scan# 3670
Delta R.T. 0.006 min
Lab File: BM039895.D
Acq: 09 May 2023 15:57



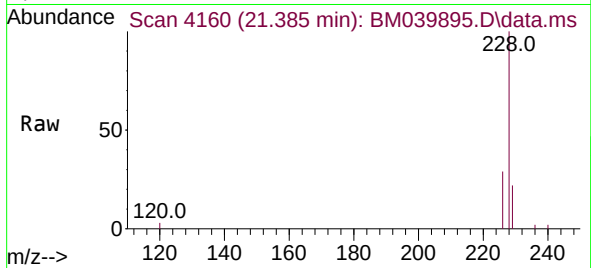
Tgt Ion:202 Resp: 185594
Ion Ratio Lower Upper
202 100
101 13.3 10.9 16.3
100 10.7 8.9 13.3





#21
Benzo(a)anthracene
Concen: 5.760 ng/u1
RT: 21.385 min Scan# 4158
Delta R.T. 0.005 min
Lab File: BM039895.D
Acq: 09 May 2023 15:57

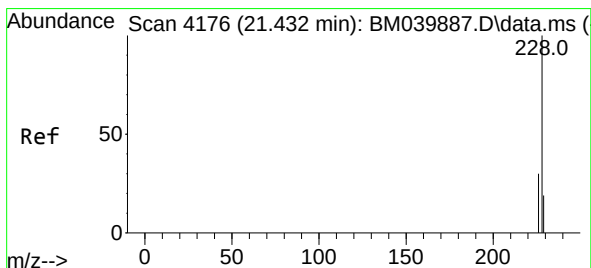
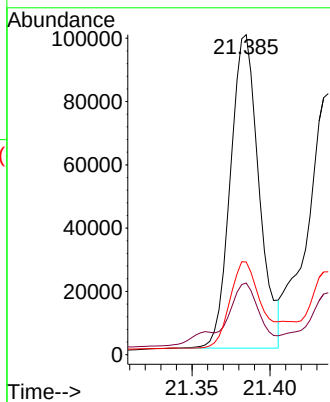
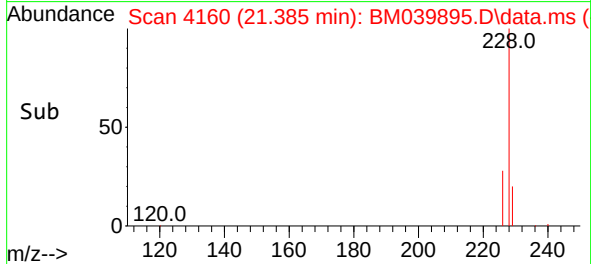
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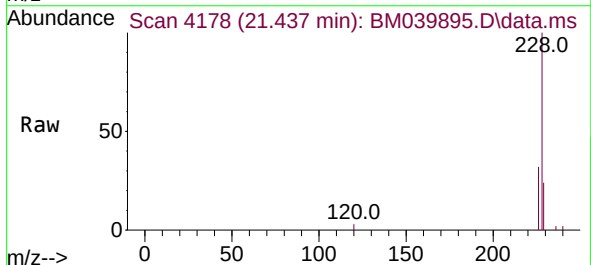
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Ion Ratio Lower Upper
228 100
229 22.4 16.2 24.2
226 28.9 21.6 32.4

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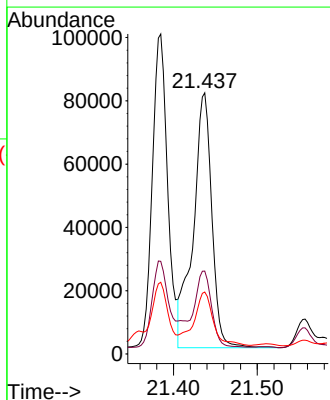
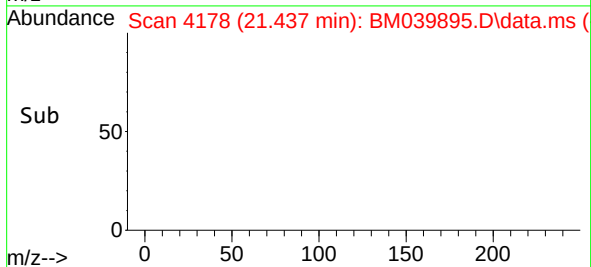
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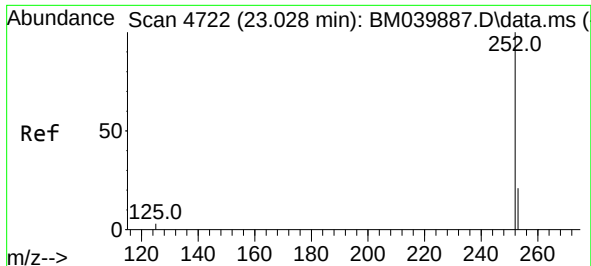


#22
Chrysene
Concen: 5.022 ng/u1
RT: 21.437 min Scan# 4178
Delta R.T. 0.005 min
Lab File: BM039895.D
Acq: 09 May 2023 15:57



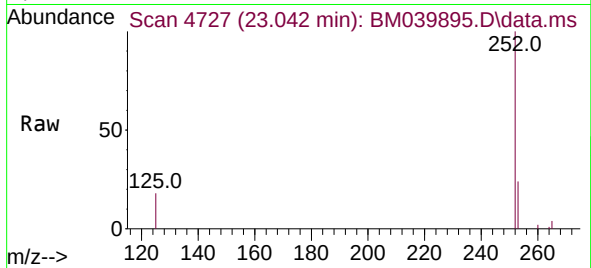
Tgt Ion:228 Resp: 124428
Ion Ratio Lower Upper
228 100
226 31.7 24.3 36.5
229 23.7 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 6.078 ng/ul m
RT: 23.042 min Scan# 4711
Delta R.T. 0.014 min
Lab File: BM039895.D
Acq: 09 May 2023 15:57

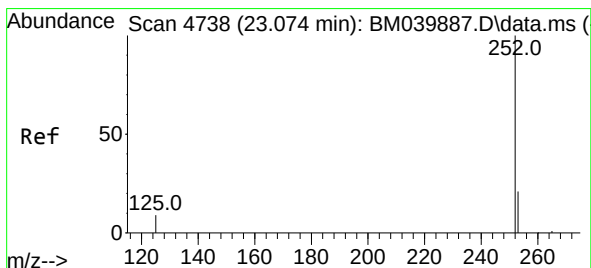
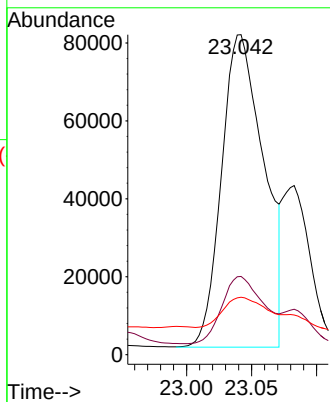
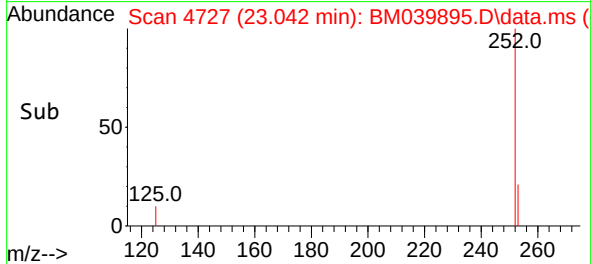
Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 181692
Ion Ratio Lower Upper
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253 24.5 0.0 52.8
125 17.9 0.0 31.6

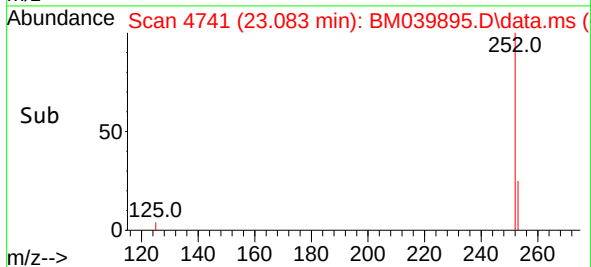
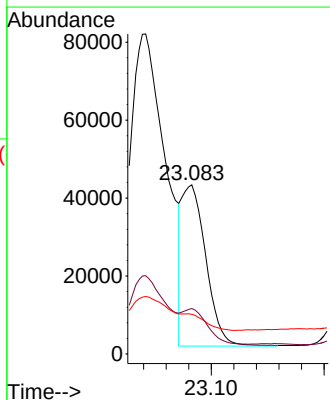
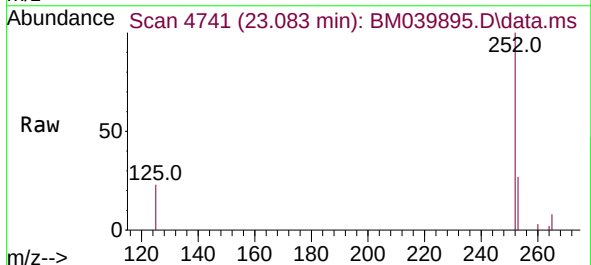
Manual Integrations
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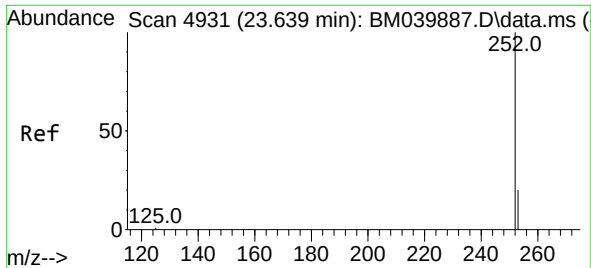
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#25
Benzo(k)fluoranthene
Concen: 2.015 ng/ul m
RT: 23.083 min Scan# 4741
Delta R.T. 0.008 min
Lab File: BM039895.D
Acq: 09 May 2023 15:57

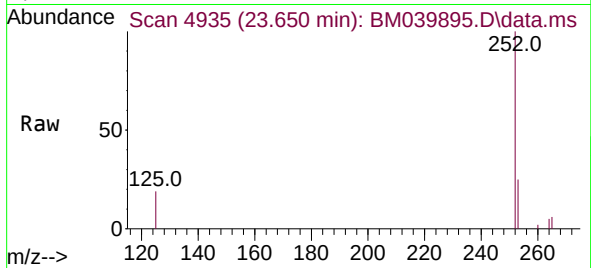
Tgt Ion:252 Resp: 61336
Ion Ratio Lower Upper
252 100
253 26.9 21.3 31.9
125 23.5 13.0 19.6#





#26
Benzo(a)pyrene
Concen: 4.346 ng/ul
RT: 23.650 min Scan# 4931
Delta R.T. 0.011 min
Lab File: BM039895.D
Acq: 09 May 2023 15:57

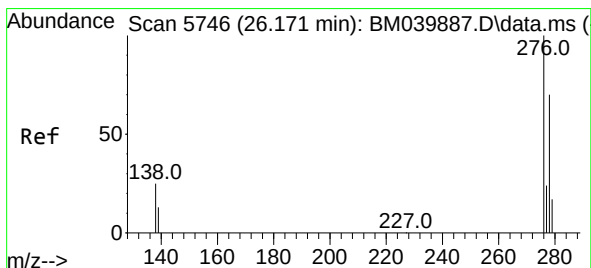
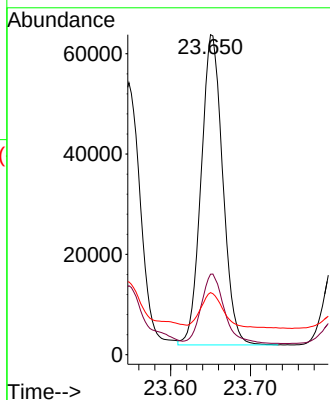
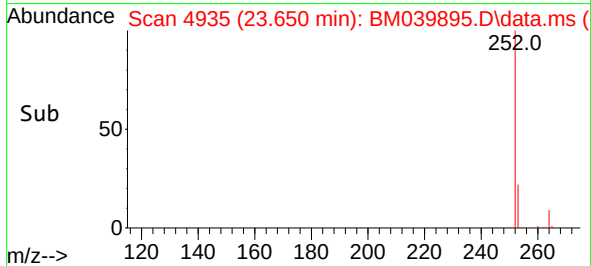
Instrument :
BNA_M
ClientSampleId :
EW973



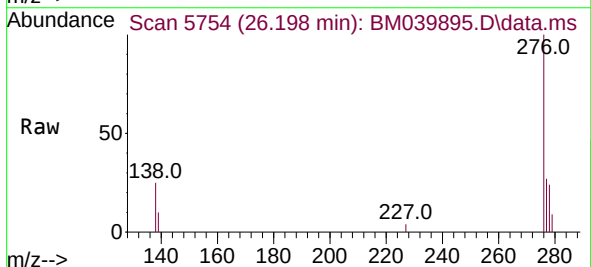
Tgt Ion:252 Resp: 116640
Ion Ratio Lower Upper
252 100
253 25.2 24.7 37.1
125 19.4 16.5 24.7

Manual Integrations
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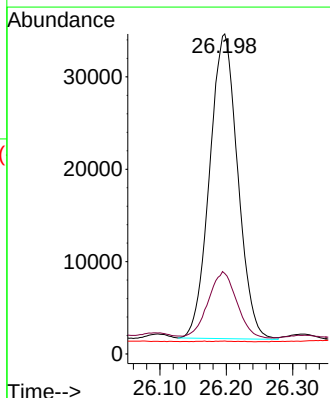
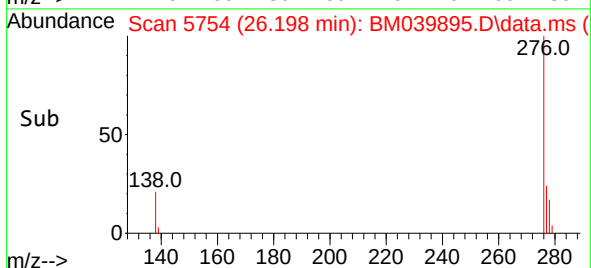
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023

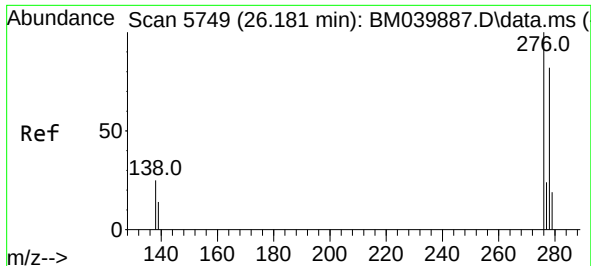


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.861 ng/ul
RT: 26.198 min Scan# 5754
Delta R.T. 0.026 min
Lab File: BM039895.D
Acq: 09 May 2023 15:57



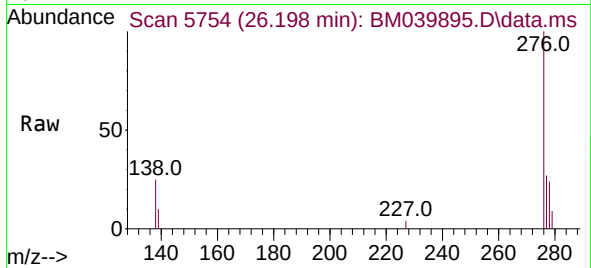
Tgt Ion:276 Resp: 97099
Ion Ratio Lower Upper
276 100
138 22.1 21.1 31.7
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 1.018 ng/ul
RT: 26.198 min Scan# 5749
Delta R.T. 0.016 min
Lab File: BM039895.D
Acq: 09 May 2023 15:57

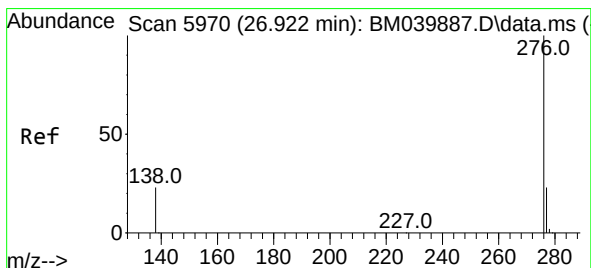
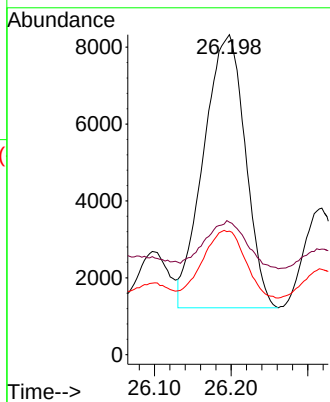
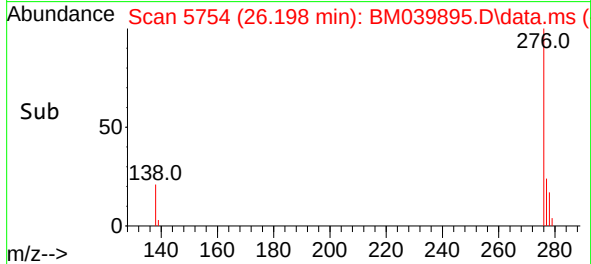
Instrument :
BNA_M
ClientSampleId :
EW973



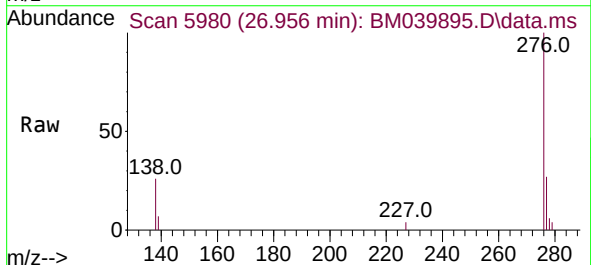
Tgt Ion:278 Resp: 26824
Ion Ratio Lower Upper
278 100
139 41.4 17.0 25.6
279 38.6 23.4 35.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#29
Benzo(g,h,i)perylene
Concen: 3.558 ng/ul
RT: 26.956 min Scan# 5980
Delta R.T. 0.033 min
Lab File: BM039895.D
Acq: 09 May 2023 15:57



Tgt Ion:276 Resp: 105215
Ion Ratio Lower Upper
276 100
138 25.8 20.1 30.1
277 27.0 20.1 30.1

