

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
 Data File : BM039897.D
 Acq On : 09 May 2023 17:10
 Operator : CG/JU
 Sample : 02479-07DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW948DL

Manual Integrations
 APPROVED

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

Quant Time: May 10 00:27:54 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	7.783	152	2502	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.579	136	8679	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.437	164	5035	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.196	188	10493	0.400	ng/ul	0.00
17) Chrysene-d12	21.397	240	7052	0.400	ng/ul	# 0.00
23) Perylene-d12	23.752	264	9573	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.180	96	895	0.243	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.179	152	294	0.026	ng/ul	0.00
18) Fluoranthene-d10	19.229	212	683	0.036	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.628	128	59132	2.713	ng/ul	98
7) 2-Methylnaphthalene	12.256	142	17053	1.356	ng/ul	97
8) 1-Methylnaphthalene	12.470	142	11149	0.826	ng/ul	100
10) Acenaphthylene	14.159	152	14851	0.762	ng/ul	96
11) Acenaphthene	14.497	153	90190	5.892	ng/ul	97
12) Fluorene	15.492	166	93414	5.500	ng/ul	98
15) Phenanthrene	17.238	178	943377	34.125	ng/ul	98
16) Anthracene	17.327	178	222890	9.390	ng/ul	98
19) Fluoranthene	19.262	202	1218613	48.437	ng/ul	99
20) Pyrene	19.629	202	939663	34.586	ng/ul	97
21) Benzo(a)anthracene	21.382	228	478734	23.611	ng/ul	99
22) Chrysene	21.435	228	453401	19.760	ng/ul	98
24) Benzo(b)fluoranthene	23.039	252	561073m	16.689	ng/ul	
25) Benzo(k)fluoranthene	23.080	252	195062m	5.698	ng/ul	
26) Benzo(a)pyrene	23.647	252	397674	13.175	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.194	276	260261	6.819	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.194	278	69692	2.353	ng/ul	96
29) Benzo(g,h,i)perylene	26.949	276	216996	6.525	ng/ul	98

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

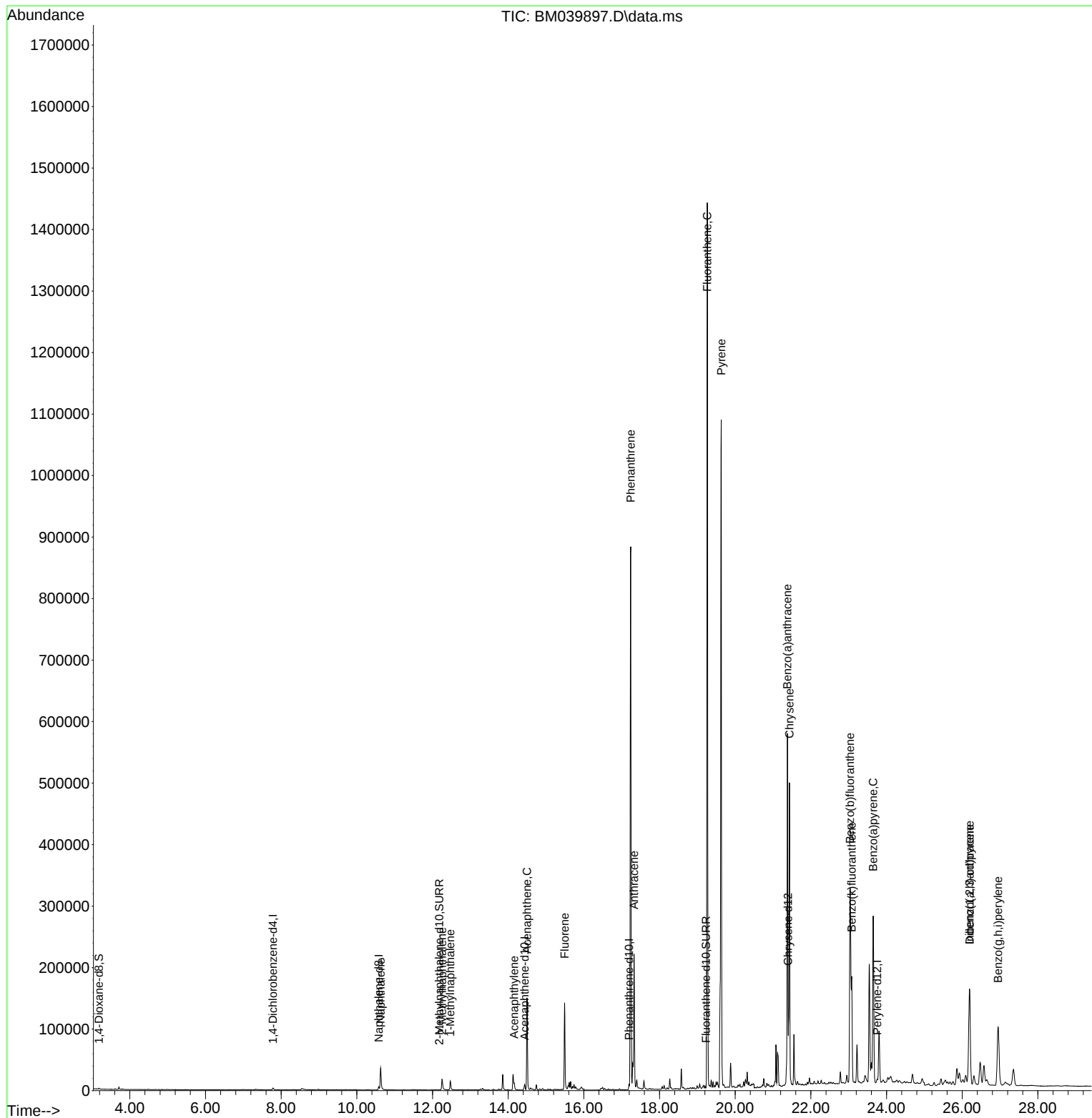
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050923\
Data File : BM039897.D
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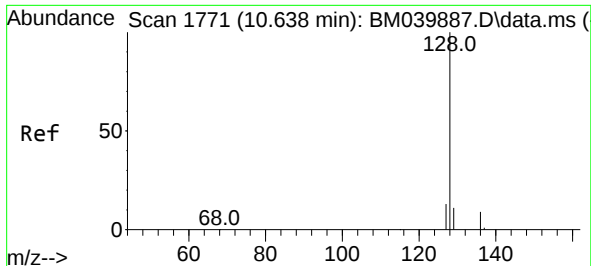
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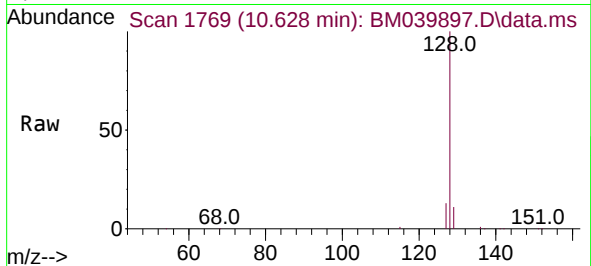
Quant Time: May 10 00:27:54 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 09 12:11:48 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 2.713 ng/ul
RT: 10.628 min Scan# 1769
Delta R.T. -0.010 min
Lab File: BM039897.D
Acq: 09 May 2023 17:10

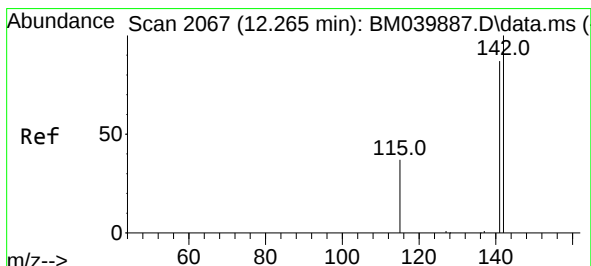
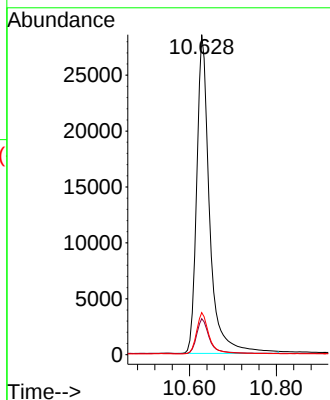
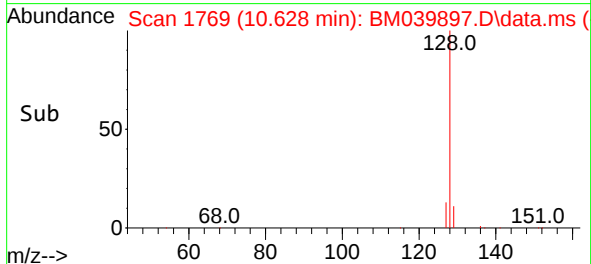
Instrument :
BNA_M
ClientSampleId :
EW948DL



Tgt Ion:128 Resp: 5913
Ion Ratio Lower Upper
128 100
129 11.2 9.8 14.6
127 13.1 11.1 16.7

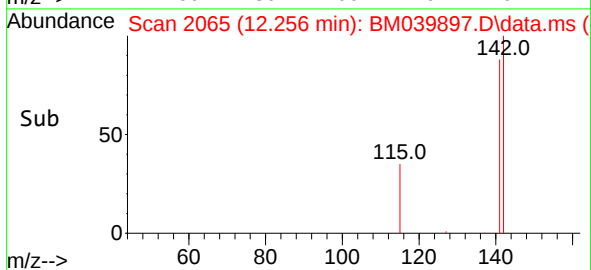
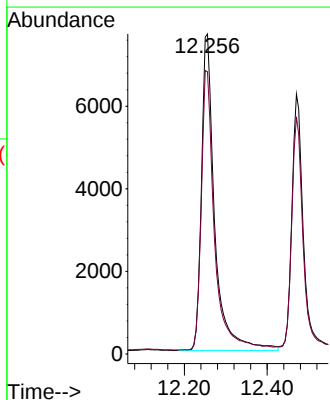
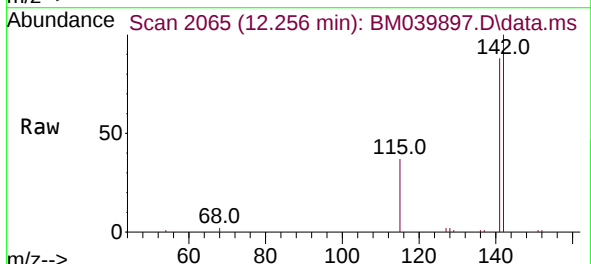
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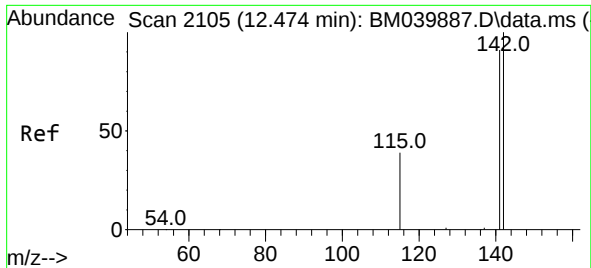
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#7
2-Methylnaphthalene
Concen: 1.356 ng/ul
RT: 12.256 min Scan# 2065
Delta R.T. -0.010 min
Lab File: BM039897.D
Acq: 09 May 2023 17:10

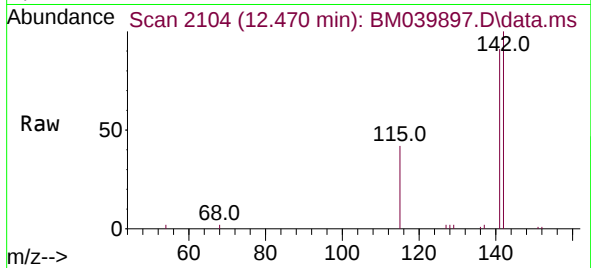
Tgt Ion:142 Resp: 17053
Ion Ratio Lower Upper
142 100
141 88.4 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.826 ng/ul
RT: 12.470 min Scan# 2105
Delta R.T. -0.004 min
Lab File: BM039897.D
Acq: 09 May 2023 17:10

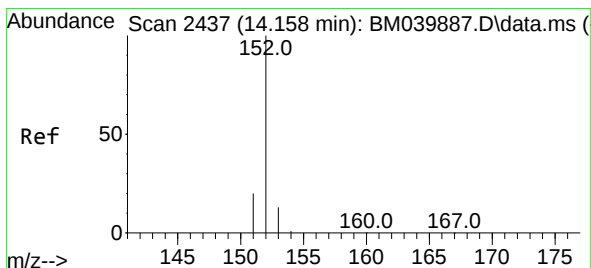
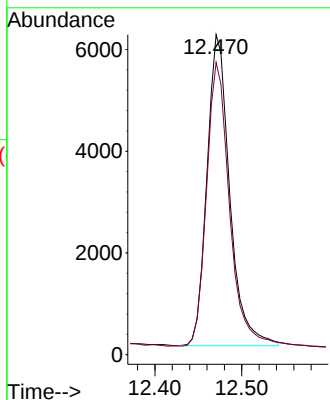
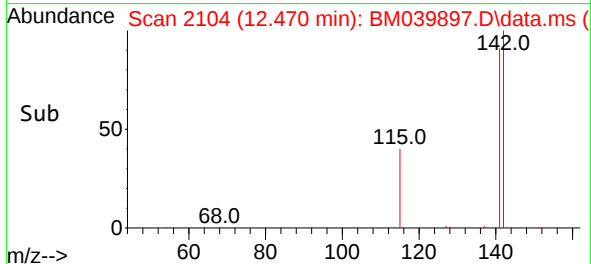
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 11149
Ion Ratio Lower Upper
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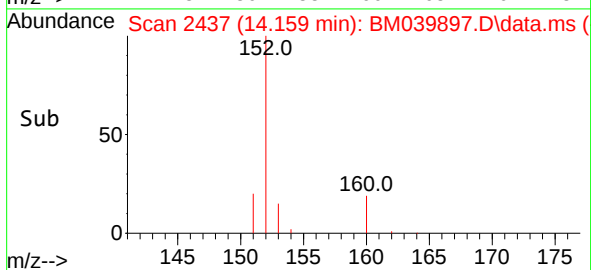
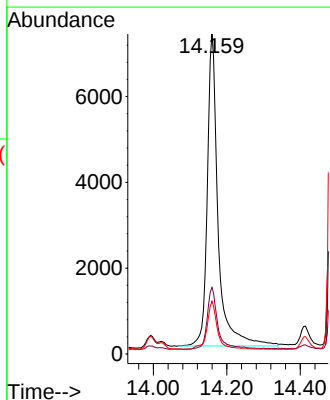
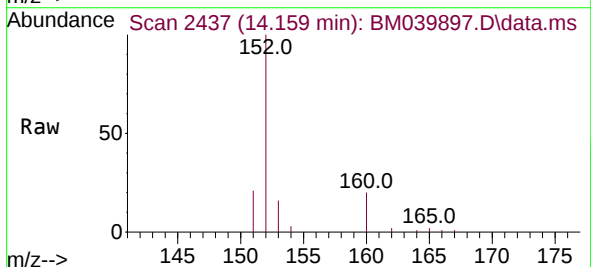
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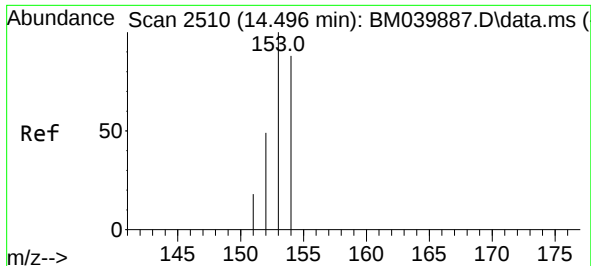
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#10
Acenaphthylene
Concen: 0.762 ng/ul
RT: 14.159 min Scan# 2437
Delta R.T. 0.001 min
Lab File: BM039897.D
Acq: 09 May 2023 17:10

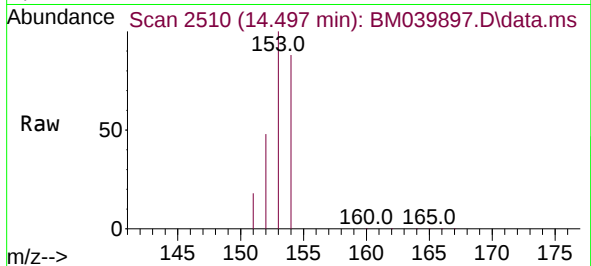
Tgt Ion:152 Resp: 14851
Ion Ratio Lower Upper
152 100
151 20.8 16.0 24.0
153 16.5 11.2 16.8





#11
Acenaphthene
Concen: 5.892 ng/u1
RT: 14.497 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM039897.D
Acq: 09 May 2023 17:10

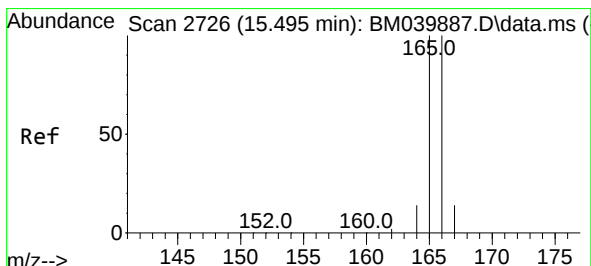
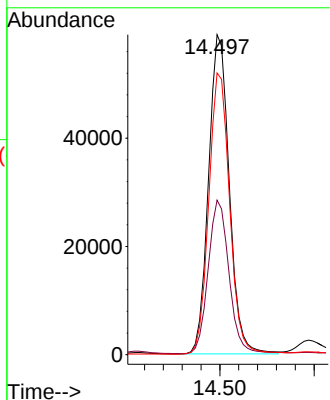
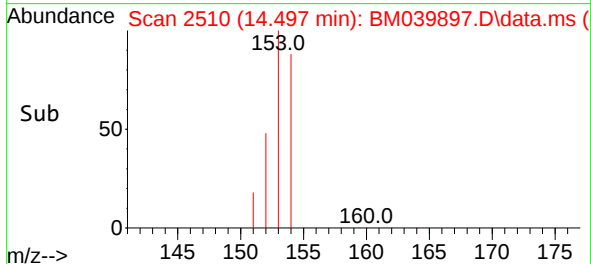
Instrument :
BNA_M
ClientSampleId :
EW948DL



Tgt Ion:153 Resp: 90190
Ion Ratio Lower Upper
153 100
152 48.3 40.6 61.0
154 88.0 71.9 107.9

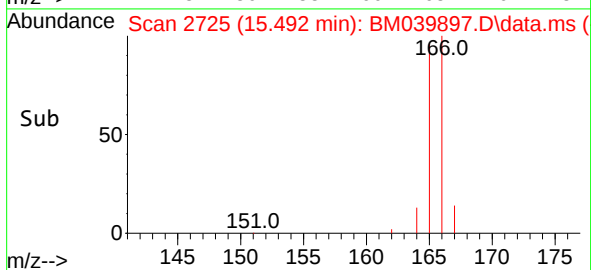
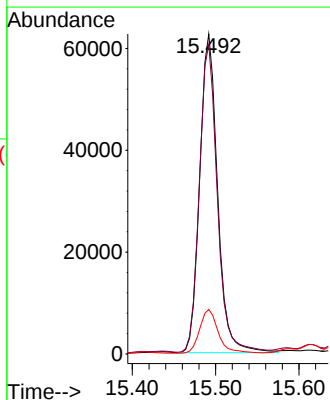
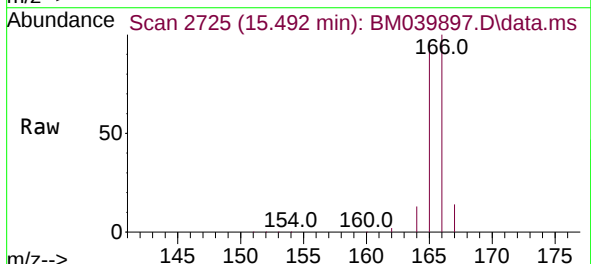
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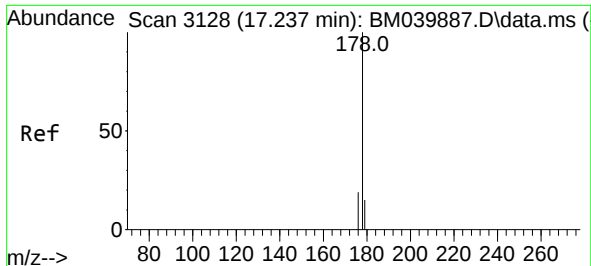
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#12
Fluorene
Concen: 5.500 ng/u1
RT: 15.492 min Scan# 2725
Delta R.T. -0.003 min
Lab File: BM039897.D
Acq: 09 May 2023 17:10

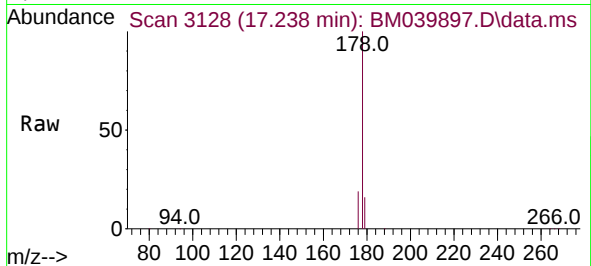
Tgt Ion:166 Resp: 93414
Ion Ratio Lower Upper
166 100
165 96.7 79.0 118.6
167 13.9 11.8 17.6





#15
Phenanthrene
Concen: 34.125 ng/ul
RT: 17.238 min Scan# 3128
Delta R.T. 0.001 min
Lab File: BM039897.D
Acq: 09 May 2023 17:10

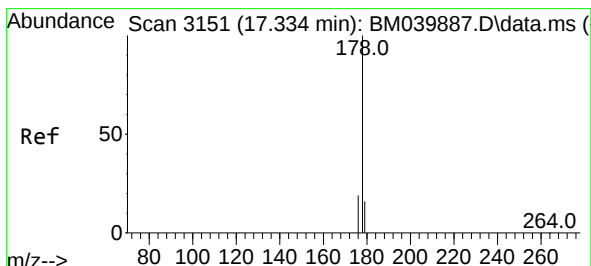
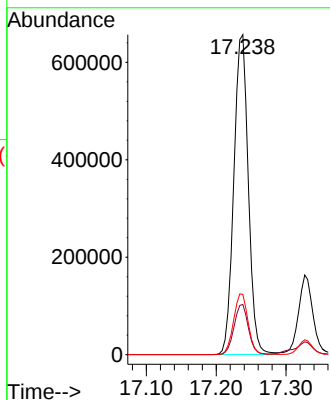
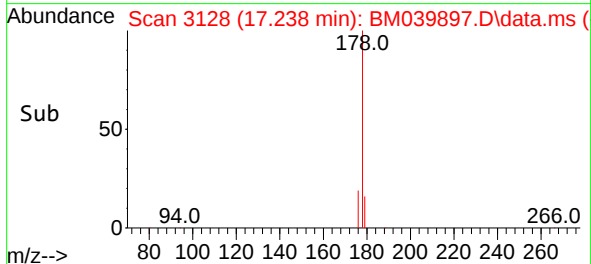
Instrument :
BNA_M
ClientSampleId :
EW948DL



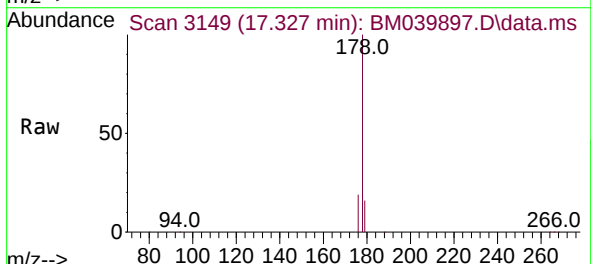
Tgt Ion:178 Resp: 94337
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 18.8 15.8 23.8

Manual Integrations
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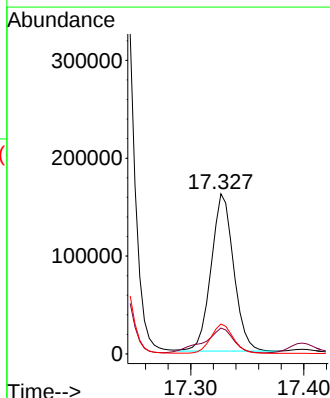
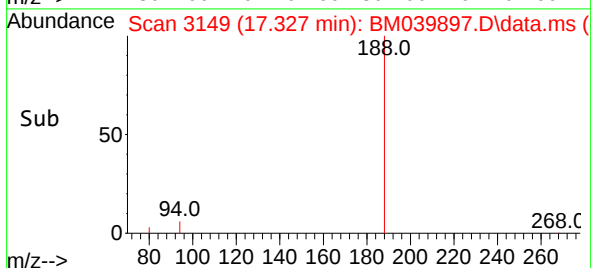
Reviewed By :Christian Giraldo 05/10/2023
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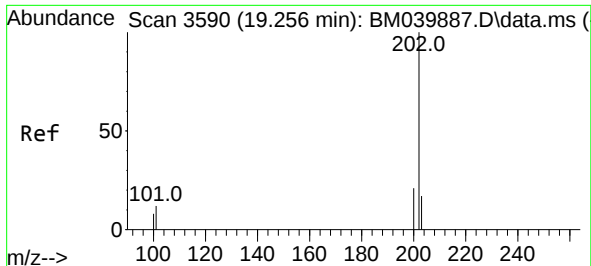


#16
Anthracene
Concen: 9.390 ng/ul
RT: 17.327 min Scan# 3149
Delta R.T. -0.007 min
Lab File: BM039897.D
Acq: 09 May 2023 17:10



Tgt Ion:178 Resp: 222890
Ion Ratio Lower Upper
178 100
179 16.2 13.8 20.6
176 18.7 15.8 23.8





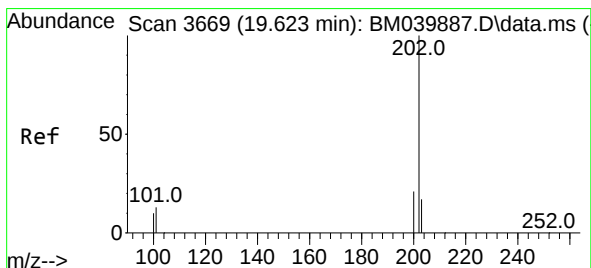
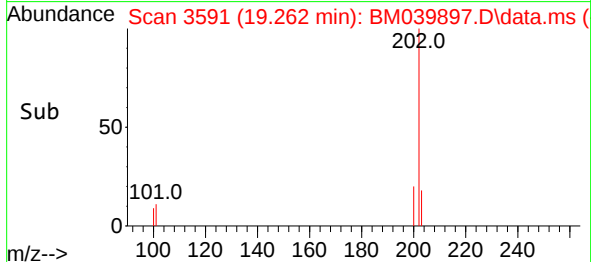
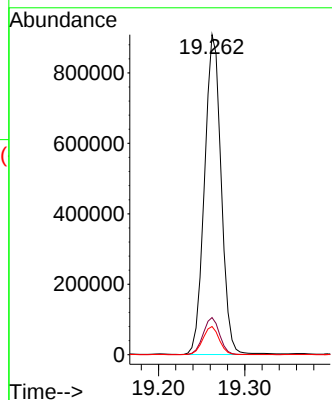
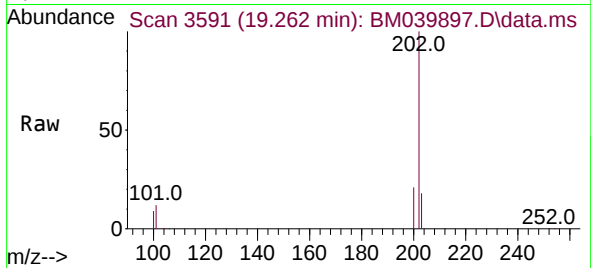
#19
Fluoranthene
Concen: 48.437 ng/u1
RT: 19.262 min Scan# 3590
Delta R.T. 0.006 min
Lab File: BM039897.D
Acq: 09 May 2023 17:10

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ClientSampleId :
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Tgt Ion:202 Resp: 121861
Ion Ratio Lower Upper
202 100
101 11.6 9.8 14.8
100 8.8 7.3 10.9

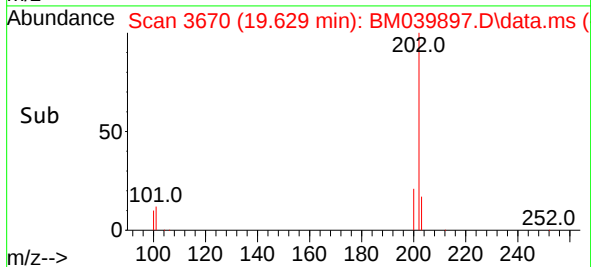
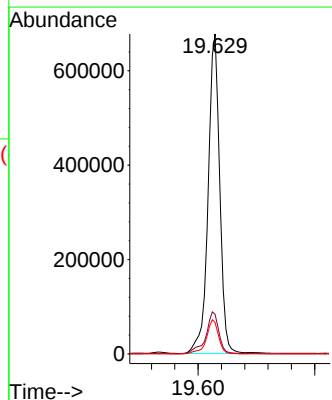
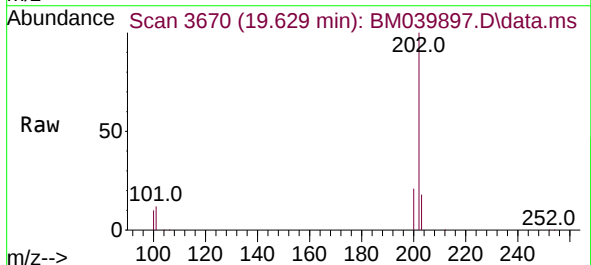
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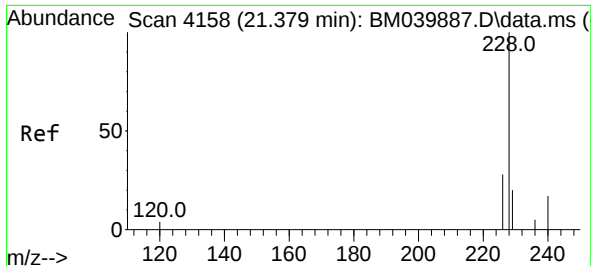
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023



#20
Pyrene
Concen: 34.586 ng/u1
RT: 19.629 min Scan# 3670
Delta R.T. 0.006 min
Lab File: BM039897.D
Acq: 09 May 2023 17:10

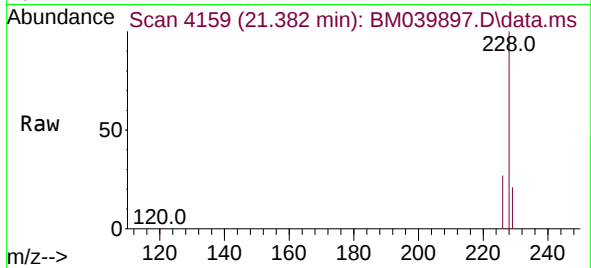
Tgt Ion:202 Resp: 939663
Ion Ratio Lower Upper
202 100
101 12.4 10.9 16.3
100 9.8 8.9 13.3





#21
Benzo(a)anthracene
Concen: 23.611 ng/u1
RT: 21.382 min Scan# 4158
Delta R.T. 0.003 min
Lab File: BM039897.D
Acq: 09 May 2023 17:10

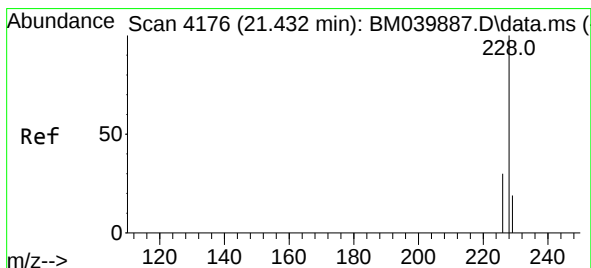
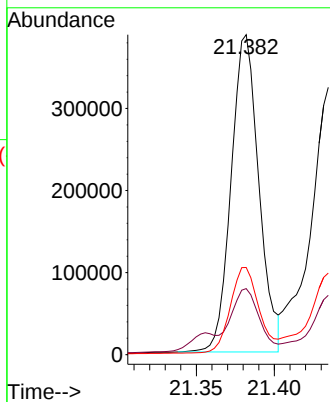
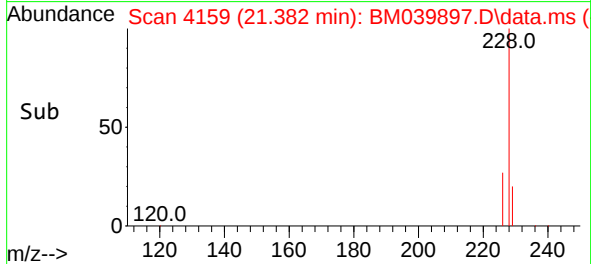
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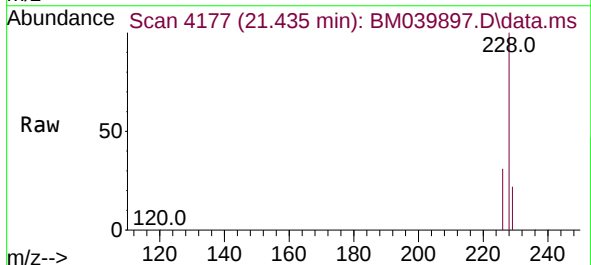
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Ion Ratio Lower Upper
228 100
229 20.6 16.2 24.2
226 27.3 21.6 32.4

Manual Integrations
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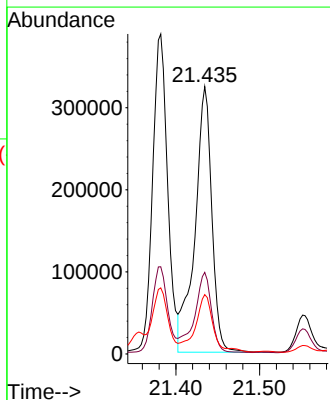
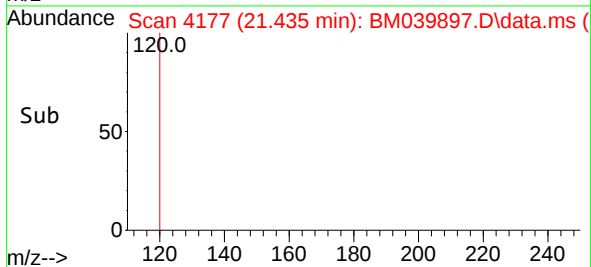
Reviewed By :Christian Giraldo 05/10/2023
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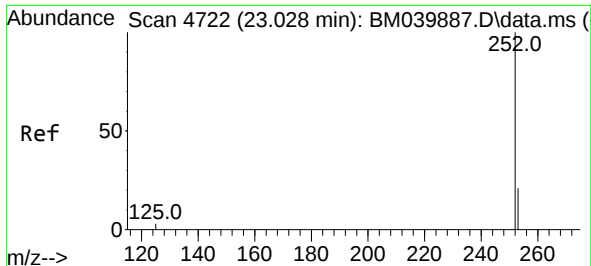


#22
Chrysene
Concen: 19.760 ng/u1
RT: 21.435 min Scan# 4177
Delta R.T. 0.003 min
Lab File: BM039897.D
Acq: 09 May 2023 17:10



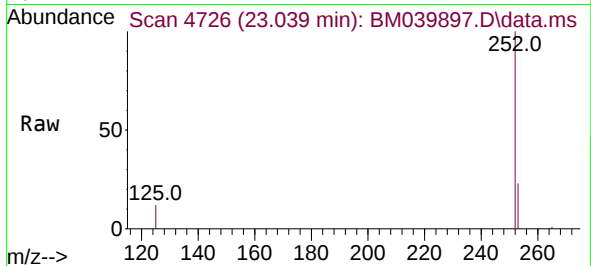
Tgt Ion:228 Resp: 453401
Ion Ratio Lower Upper
228 100
226 30.5 24.3 36.5
229 22.2 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 16.689 ng/ul m
RT: 23.039 min Scan# 4726
Delta R.T. 0.011 min
Lab File: BM039897.D
Acq: 09 May 2023 17:10

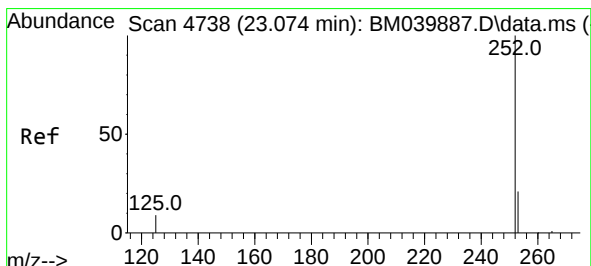
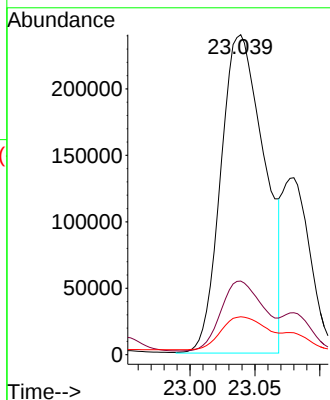
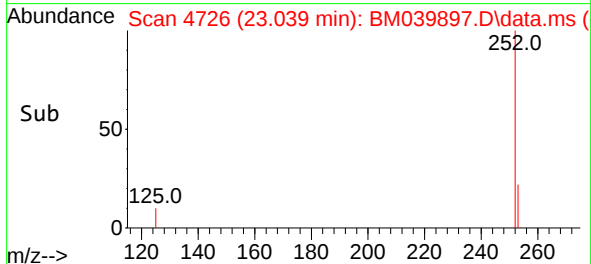
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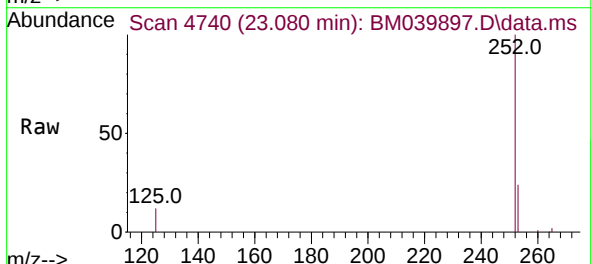
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Ion Ratio Lower Upper
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125 11.9 0.0 31.6

Manual Integrations
APPROVED

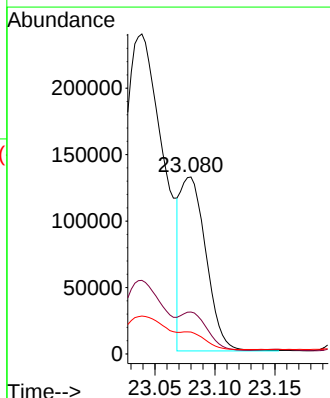
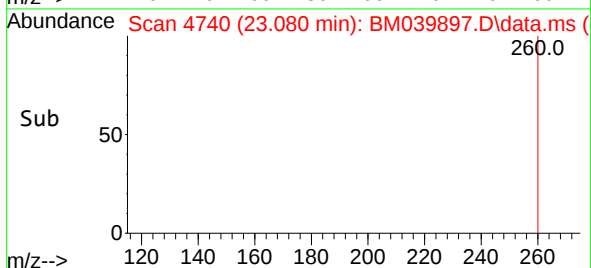
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023

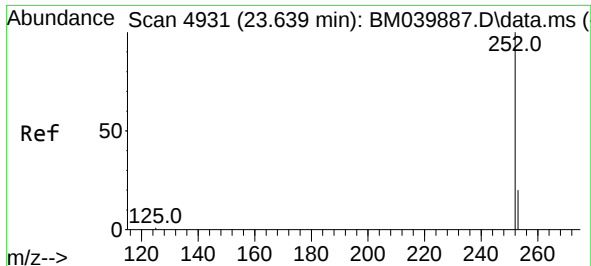


#25
Benzo(k)fluoranthene
Concen: 5.698 ng/ul m
RT: 23.080 min Scan# 4740
Delta R.T. 0.006 min
Lab File: BM039897.D
Acq: 09 May 2023 17:10



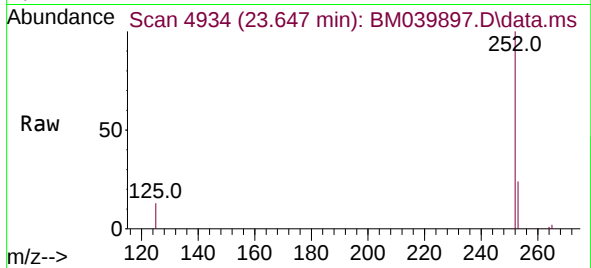
Tgt Ion:252 Resp: 195062
Ion Ratio Lower Upper
252 100
253 23.7 21.3 31.9
125 12.4 13.0 19.6#





#26
Benzo(a)pyrene
Concen: 13.175 ng/ul
RT: 23.647 min Scan# 4934
Delta R.T. 0.008 min
Lab File: BM039897.D
Acq: 09 May 2023 17:10

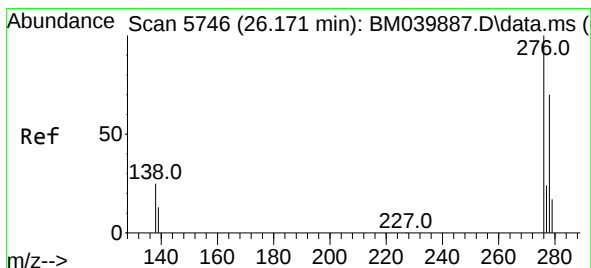
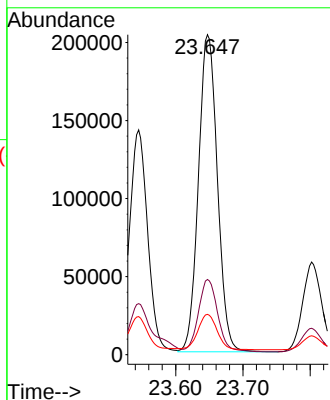
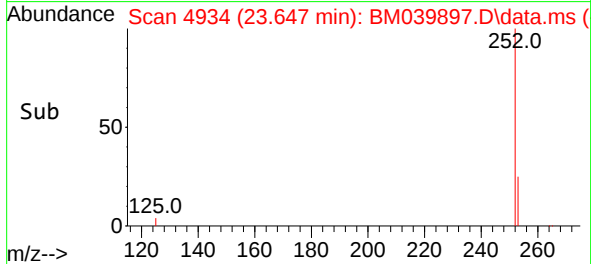
Instrument :
BNA_M
ClientSampleId :
EW948DL



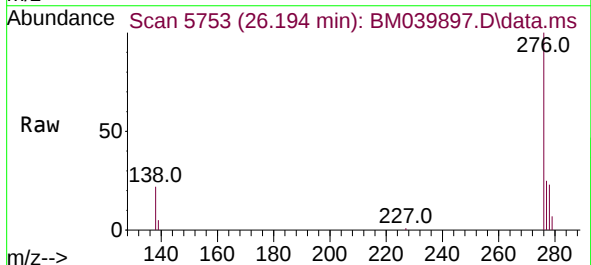
Tgt Ion:252 Resp: 397674
Ion Ratio Lower Upper
252 100
253 23.5 24.7 37.1
125 12.6 16.5 24.7

Manual Integrations
APPROVED

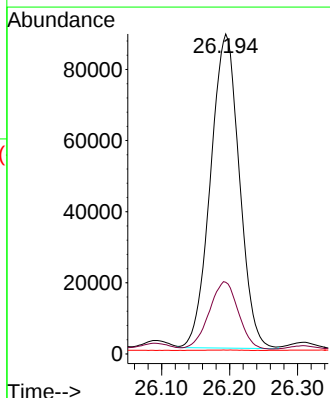
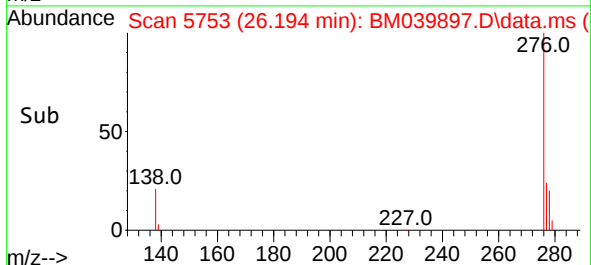
Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023

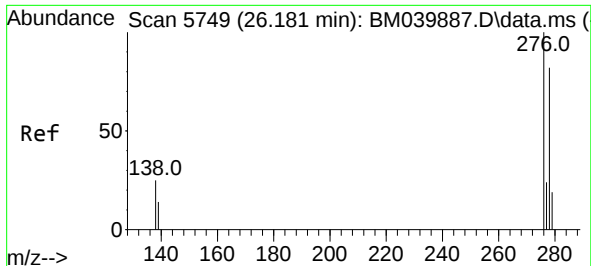


#27
Indeno(1,2,3-cd)pyrene
Concen: 6.819 ng/ul
RT: 26.194 min Scan# 5753
Delta R.T. 0.023 min
Lab File: BM039897.D
Acq: 09 May 2023 17:10



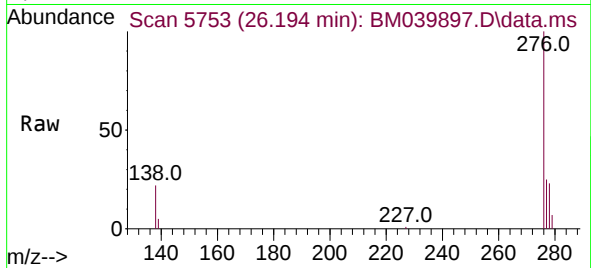
Tgt Ion:276 Resp: 260261
Ion Ratio Lower Upper
276 100
138 21.6 21.1 31.7
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 2.353 ng/ul
RT: 26.194 min Scan# 5753
Delta R.T. 0.013 min
Lab File: BM039897.D
Acq: 09 May 2023 17:10

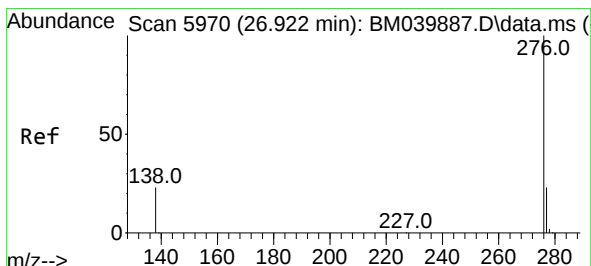
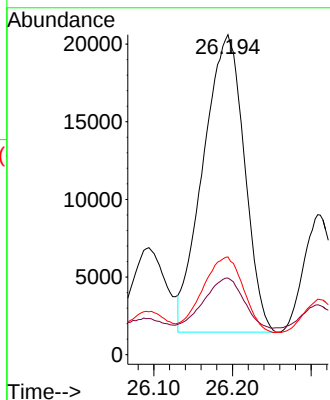
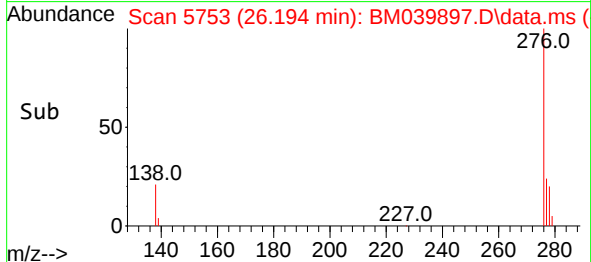
Instrument :
BNA_M
ClientSampleId :
EW948DL



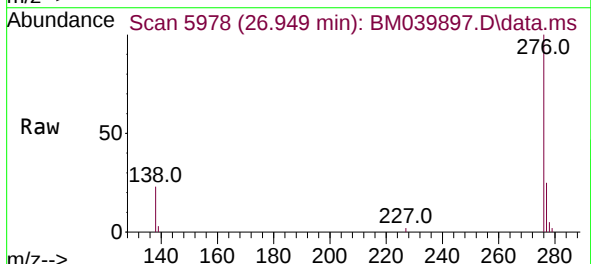
Tgt Ion:278 Resp: 69692
Ion Ratio Lower Upper
278 100
139 24.0 17.0 25.6
279 30.6 23.4 35.2

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 6.525 ng/ul
RT: 26.949 min Scan# 5978
Delta R.T. 0.027 min
Lab File: BM039897.D
Acq: 09 May 2023 17:10



Tgt Ion:276 Resp: 216996
Ion Ratio Lower Upper
276 100
138 23.2 20.1 30.1
277 25.3 20.1 30.1

