

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050523\
 Data File : BM039837.D
 Acq On : 05 May 2023 09:43
 Operator : CG/JU
 Sample : 02447-10DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW916DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/08/2023
 Supervised By : Jagrut Upadhyay 05/08/2023

Quant Time: May 06 02:20:15 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 : Sat May 06 02:18:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	1690	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.595	136	6697	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.437	164	4310	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	9849	0.400	ng/ul	-0.02
17) Chrysene-d12	21.389	240	7636	0.400	ng/ul	-0.02
23) Perylene-d12	23.736	264	9177	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	1338	0.537	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	399	0.046	ng/ul	-0.02
18) Fluoranthene-d10	19.225	212	1231	0.060	ng/ul	-0.02
Target Compounds					Qvalue	
5) Naphthalene	10.644	128	9596	0.571	ng/ul	98
7) 2-Methylnaphthalene	12.272	142	5877	0.606	ng/ul	97
8) 1-Methylnaphthalene	12.481	142	5418	0.520	ng/ul	99
10) Acenaphthylene	14.159	152	26611	1.595	ng/ul	100
11) Acenaphthene	14.501	153	6114	0.467	ng/ul	98
12) Fluorene	15.496	166	14042	0.966	ng/ul	99
15) Phenanthrene	17.233	178	309102	11.912	ng/ul	98
16) Anthracene	17.326	178	68005	3.052	ng/ul	98
19) Fluoranthene	19.257	202	752010	27.605	ng/ul	97
20) Pyrene	19.620	202	614388	20.884	ng/ul	98
21) Benzo(a)anthracene	21.372	228	323875	14.752	ng/ul	99
22) Chrysene	21.427	228	297414	11.970	ng/ul	98
24) Benzo(b)fluoranthene	23.023	252	409350	12.701	ng/ul	91
25) Benzo(k)fluoranthene	23.067	252	117268m	3.573	ng/ul	
26) Benzo(a)pyrene	23.631	252	267196	9.234	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.159	276	185187	5.061	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.166	278	46752	1.646	ng/ul	96
29) Benzo(g,h,i)perylene	26.907	276	166181	5.212	ng/ul	96

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

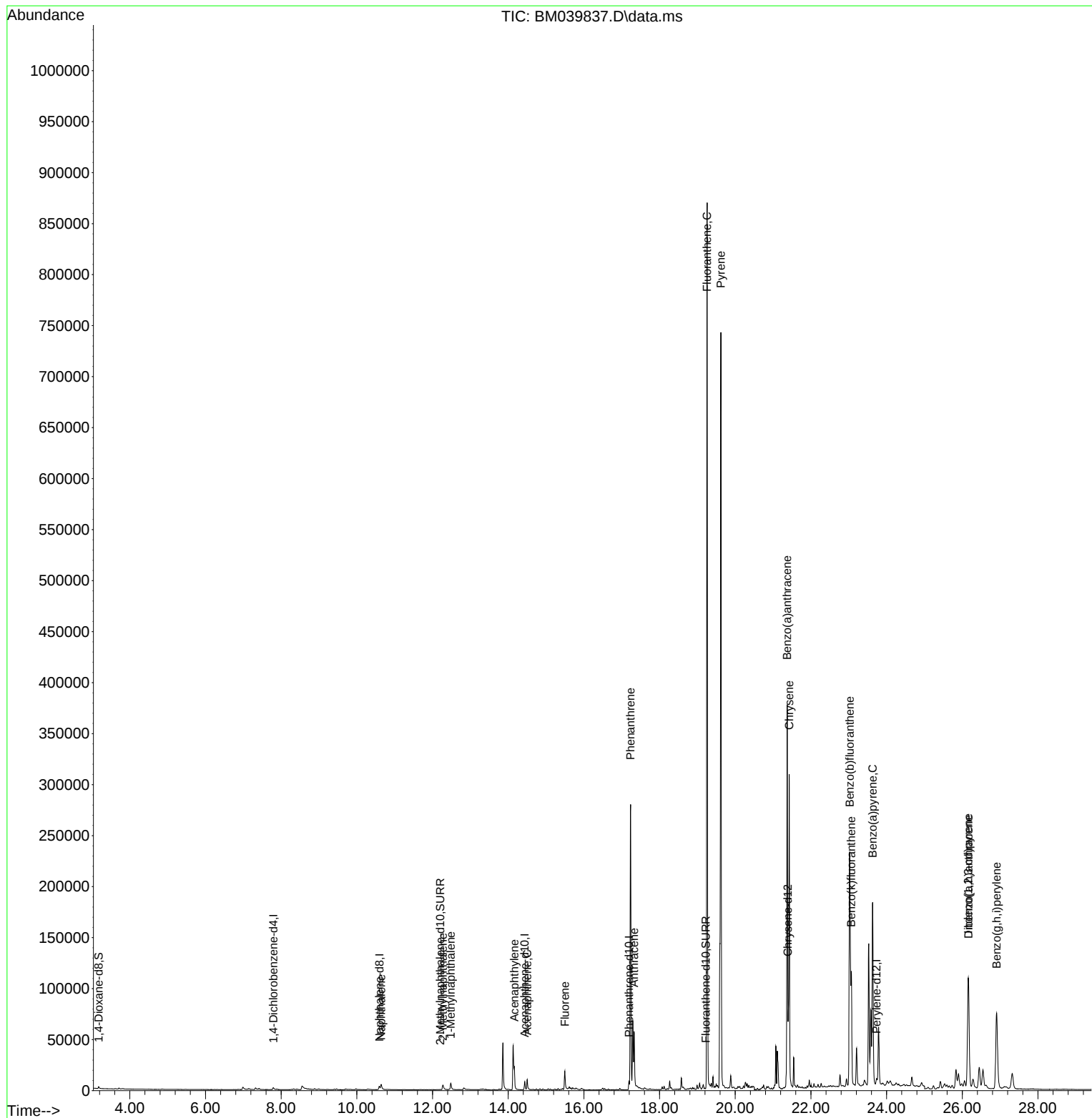
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050523\
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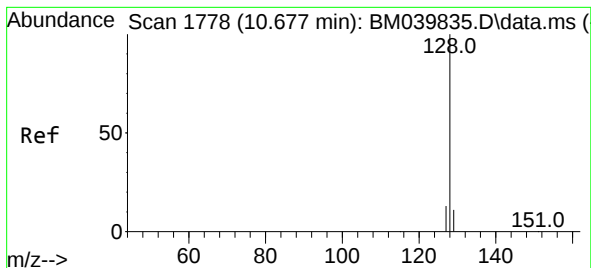
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Quant Time: May 06 02:20:15 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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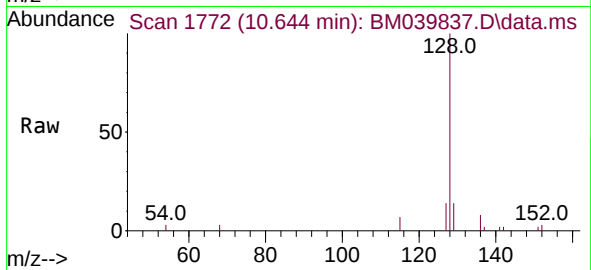
Reviewed By : Christian Giraldo 05/08/2023
Supervised By : Jagrut Upadhyay 05/08/2023





#5
Naphthalene
Concen: 0.571 ng/ul
RT: 10.644 min Scan# 1772
Delta R.T. -0.017 min
Lab File: BM039837.D
Acq: 05 May 2023 09:43

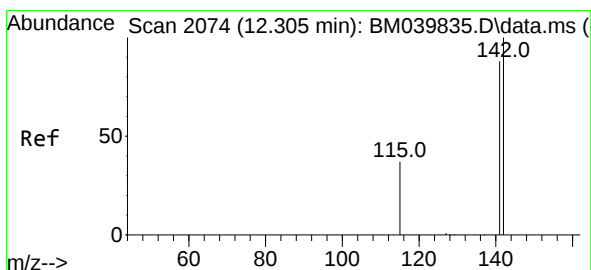
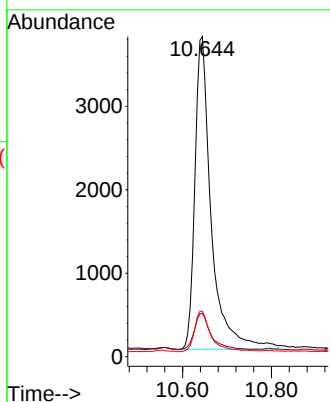
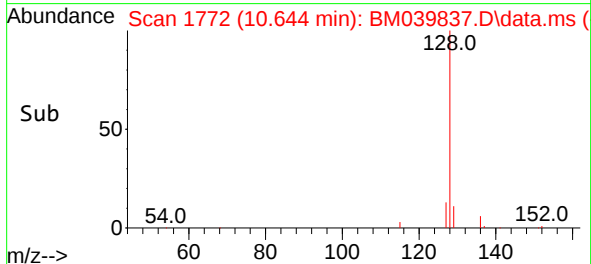
Instrument :
BNA_M
ClientSampleId :
EW916DL



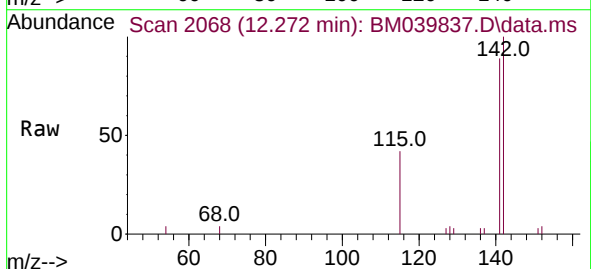
Tgt Ion:128 Resp: 9590
Ion Ratio Lower Upper
128 100
129 13.5 9.8 14.6
127 14.2 11.1 16.7

Manual Integrations
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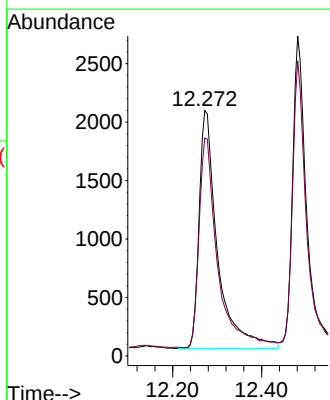
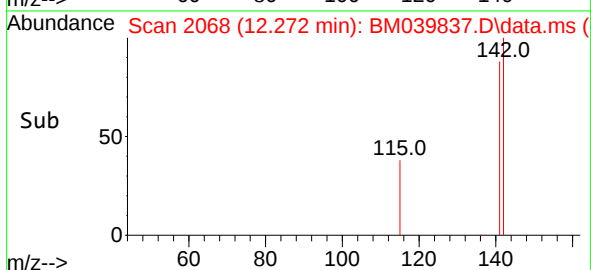
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

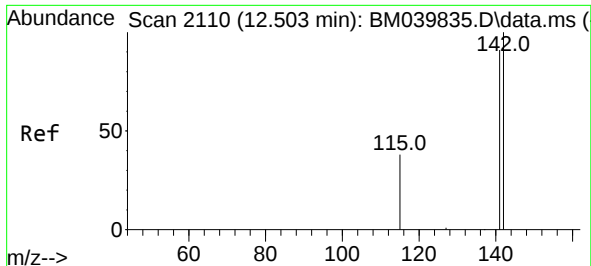


#7
2-Methylnaphthalene
Concen: 0.606 ng/ul
RT: 12.272 min Scan# 2068
Delta R.T. -0.017 min
Lab File: BM039837.D
Acq: 05 May 2023 09:43



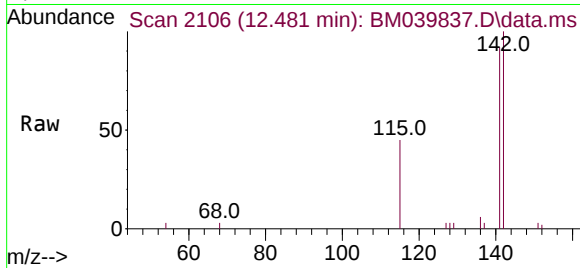
Tgt Ion:142 Resp: 5877
Ion Ratio Lower Upper
142 100
141 88.8 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.520 ng/ul
RT: 12.481 min Scan# 2110
Delta R.T. -0.011 min
Lab File: BM039837.D
Acq: 05 May 2023 09:43

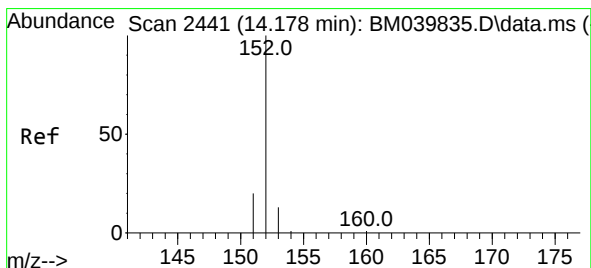
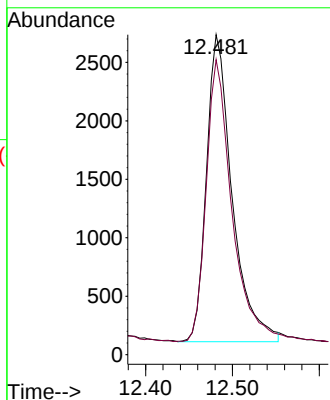
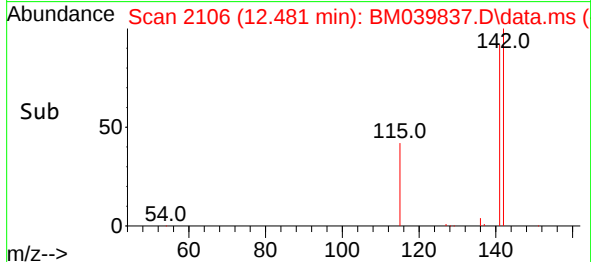
Instrument :
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Tgt Ion:142 Resp: 5418
Ion Ratio Lower Upper
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141 90.9 73.4 110.2

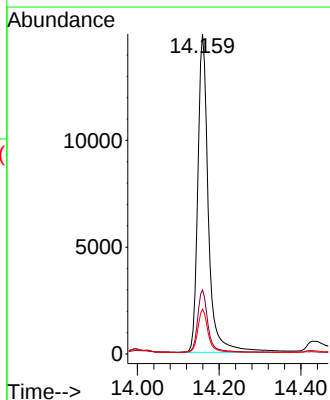
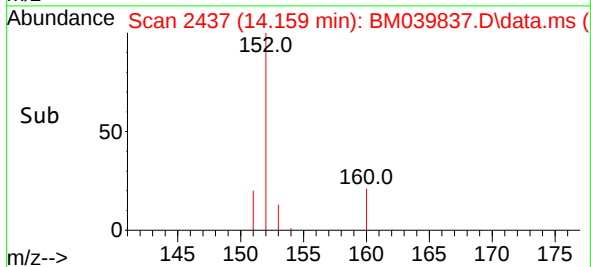
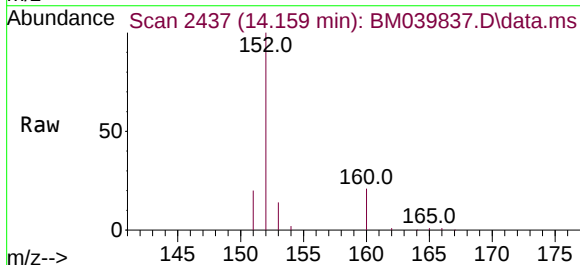
Manual Integrations
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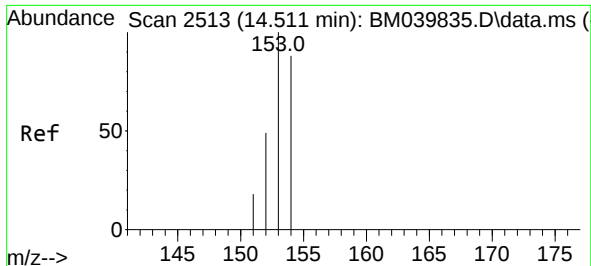
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#10
Acenaphthylene
Concen: 1.595 ng/ul
RT: 14.159 min Scan# 2437
Delta R.T. -0.014 min
Lab File: BM039837.D
Acq: 05 May 2023 09:43

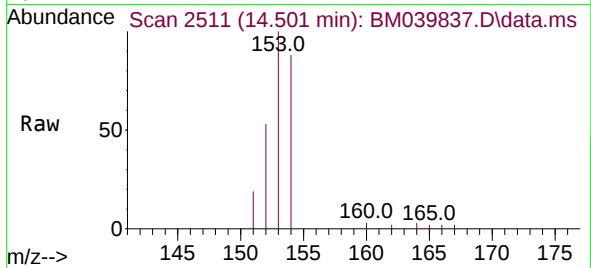
Tgt Ion:152 Resp: 26611
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 14.0 11.2 16.8





#11
Acenaphthene
Concen: 0.467 ng/ul
RT: 14.501 min Scan# 2114
Delta R.T. -0.009 min
Lab File: BM039837.D
Acq: 05 May 2023 09:43

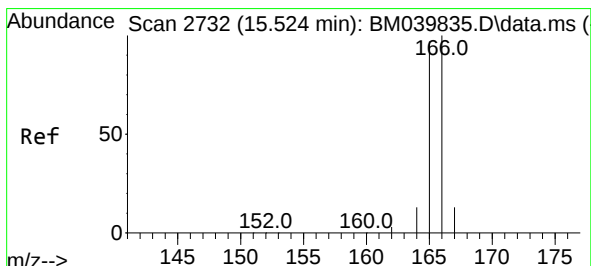
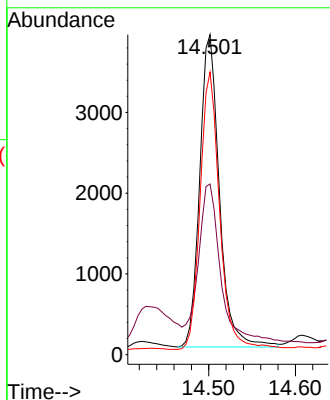
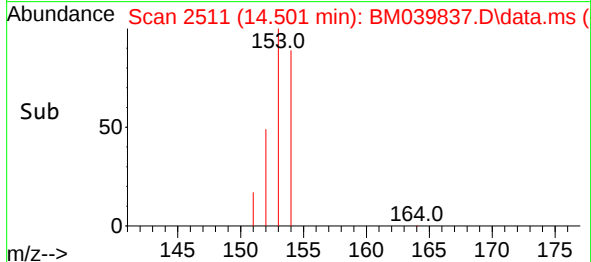
Instrument :
BNA_M
ClientSampleId :
EW916DL



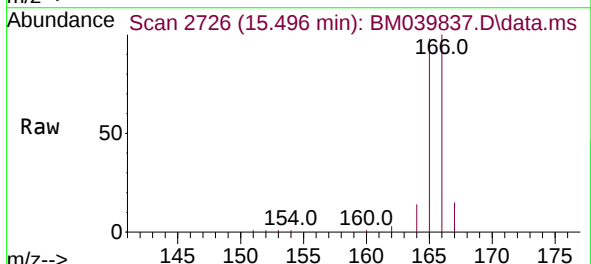
Tgt Ion:153 Resp: 6114
Ion Ratio Lower Upper
153 100
152 53.4 40.6 61.0
154 88.3 71.9 107.9

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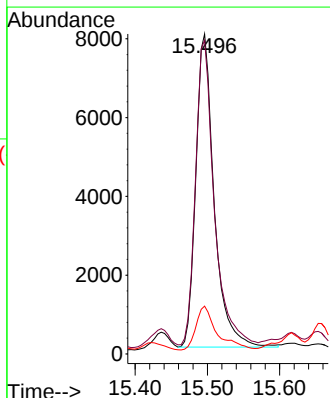
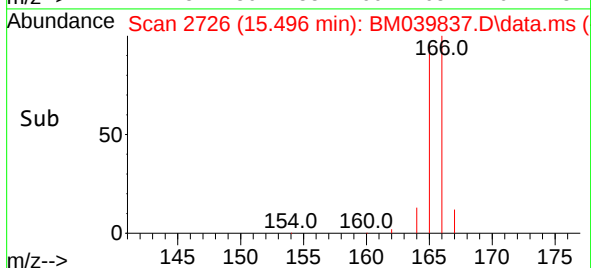
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

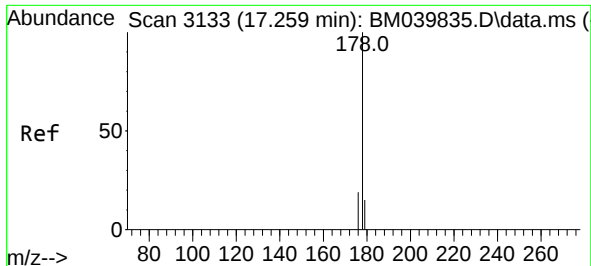


#12
Fluorene
Concen: 0.966 ng/ul
RT: 15.496 min Scan# 2726
Delta R.T. -0.019 min
Lab File: BM039837.D
Acq: 05 May 2023 09:43



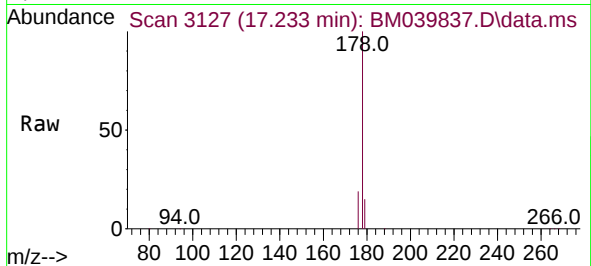
Tgt Ion:166 Resp: 14042
Ion Ratio Lower Upper
166 100
165 98.0 79.0 118.6
167 14.9 11.8 17.6





#15
Phenanthrene
Concen: 11.912 ng/ul
RT: 17.233 min Scan# 3127
Delta R.T. -0.021 min
Lab File: BM039837.D
Acq: 05 May 2023 09:43

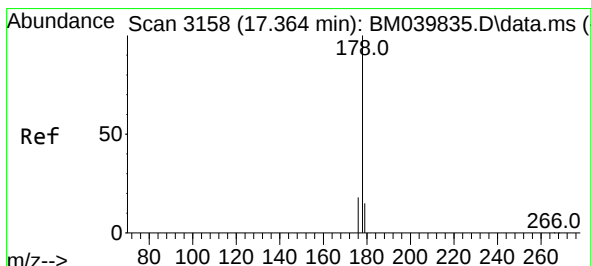
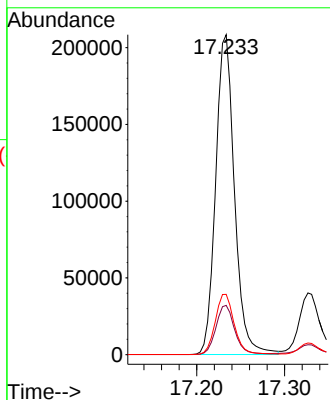
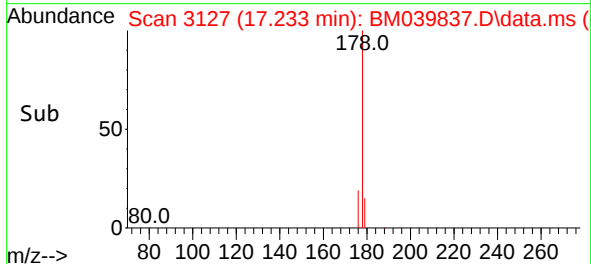
Instrument :
BNA_M
ClientSampleId :
EW916DL



Tgt Ion:178 Resp: 30910
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.6
176 18.9 15.8 23.8

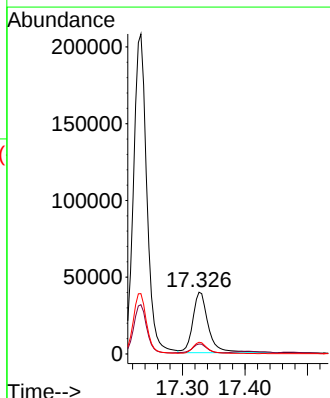
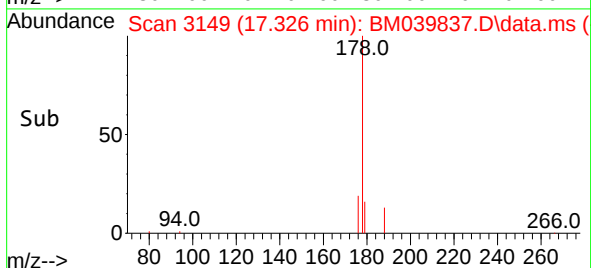
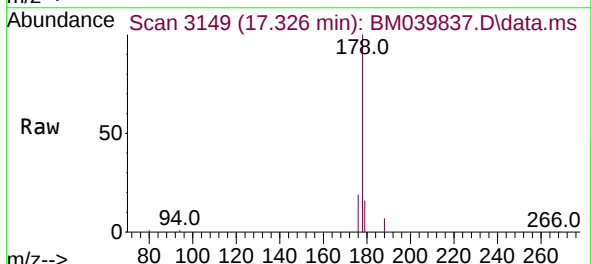
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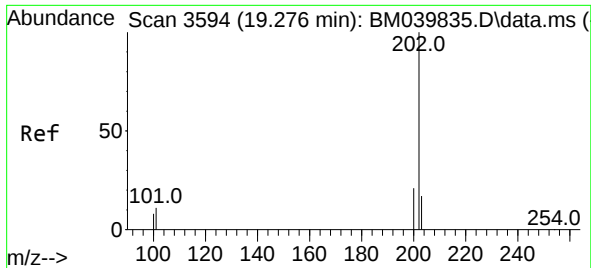
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#16
Anthracene
Concen: 3.052 ng/ul
RT: 17.326 min Scan# 3149
Delta R.T. -0.030 min
Lab File: BM039837.D
Acq: 05 May 2023 09:43

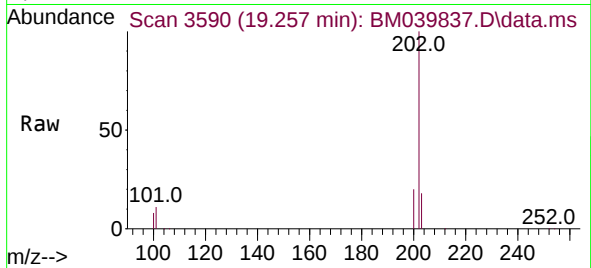
Tgt Ion:178 Resp: 68005
Ion Ratio Lower Upper
178 100
179 16.1 13.8 20.6
176 18.8 15.8 23.8





#19
Fluoranthene
Concen: 27.605 ng/u1
RT: 19.257 min Scan# 3590
Delta R.T. -0.014 min
Lab File: BM039837.D
Acq: 05 May 2023 09:43

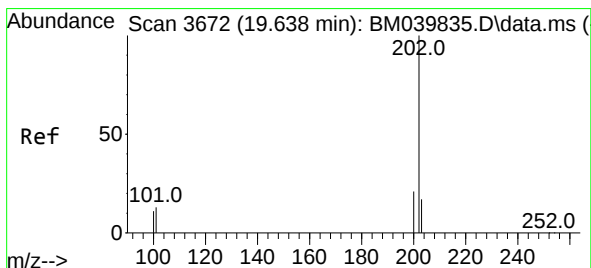
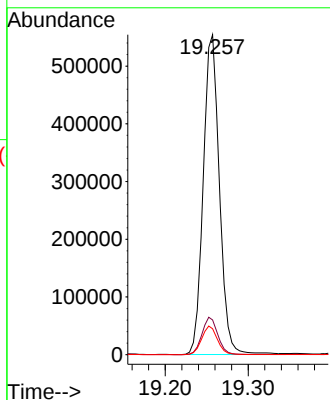
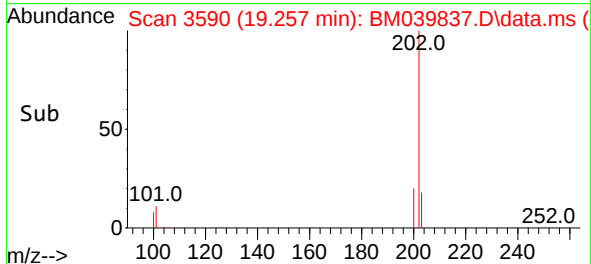
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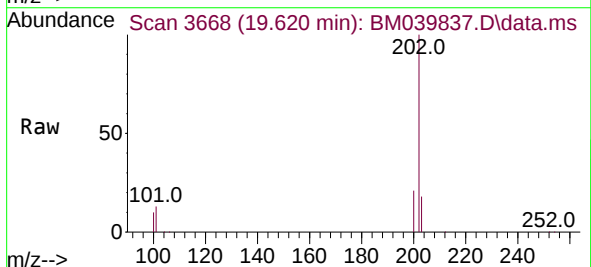
Tgt Ion:202 Resp: 752010
Ion Ratio Lower Upper
202 100
101 10.9 9.8 14.8
100 8.1 7.3 10.9

Manual Integrations
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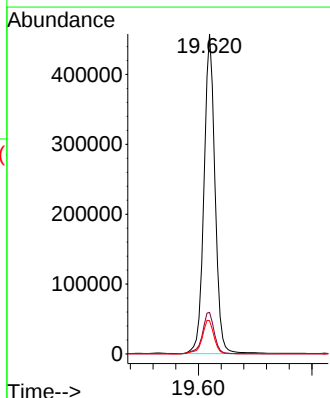
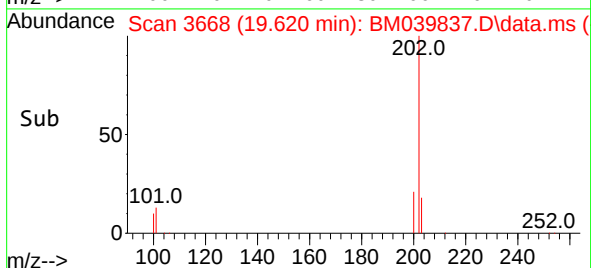
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

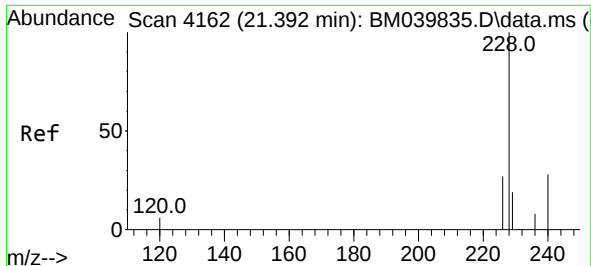


#20
Pyrene
Concen: 20.884 ng/u1
RT: 19.620 min Scan# 3668
Delta R.T. -0.014 min
Lab File: BM039837.D
Acq: 05 May 2023 09:43



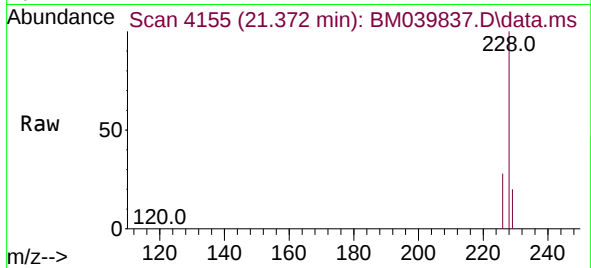
Tgt Ion:202 Resp: 614388
Ion Ratio Lower Upper
202 100
101 13.0 10.9 16.3
100 10.4 8.9 13.3





#21
Benzo(a)anthracene
Concen: 14.752 ng/ul
RT: 21.372 min Scan# 4162
Delta R.T. -0.019 min
Lab File: BM039837.D
Acq: 05 May 2023 09:43

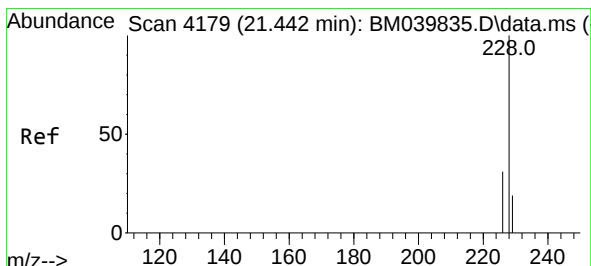
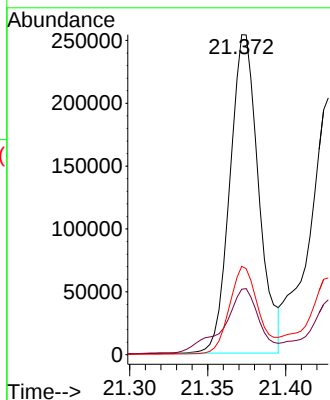
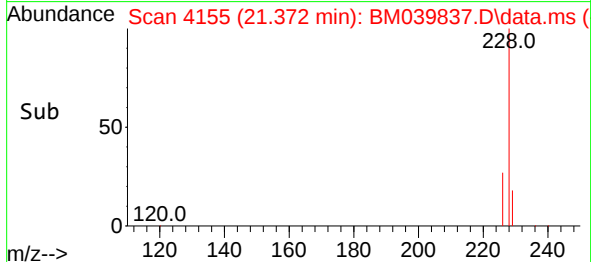
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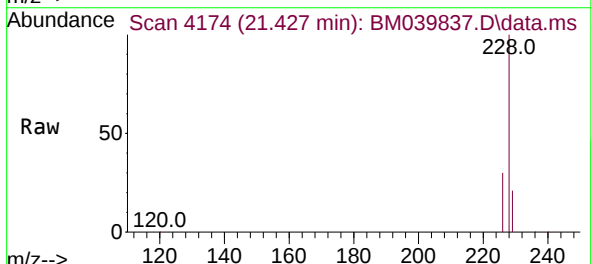
Tgt Ion:228 Resp: 323875
Ion Ratio Lower Upper
228 100
229 20.5 16.2 24.2
226 27.6 21.6 32.4

Manual Integrations
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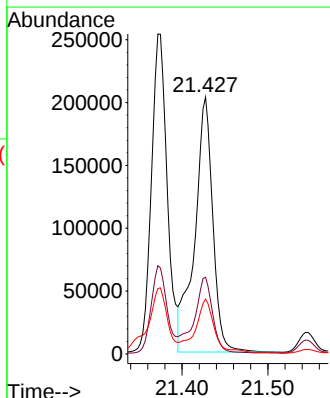
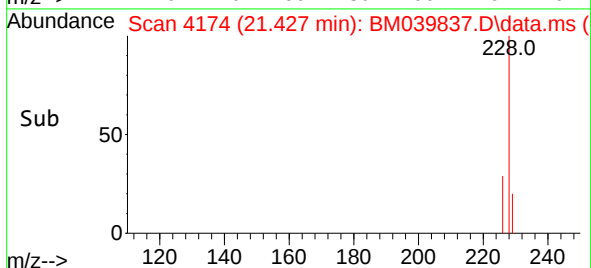
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

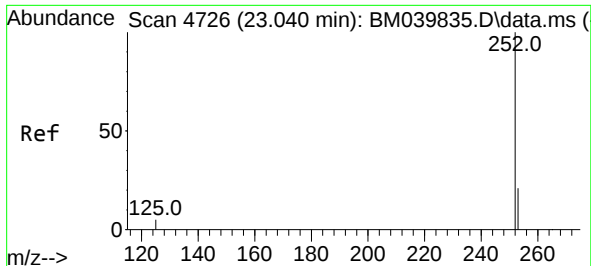


#22
Chrysene
Concen: 11.970 ng/ul
RT: 21.427 min Scan# 4174
Delta R.T. -0.013 min
Lab File: BM039837.D
Acq: 05 May 2023 09:43



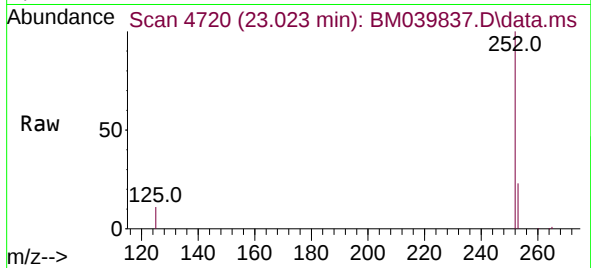
Tgt Ion:228 Resp: 297414
Ion Ratio Lower Upper
228 100
226 29.9 24.3 36.5
229 21.4 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 12.701 ng/ul
RT: 23.023 min Scan# 4720
Delta R.T. -0.013 min
Lab File: BM039837.D
Acq: 05 May 2023 09:43

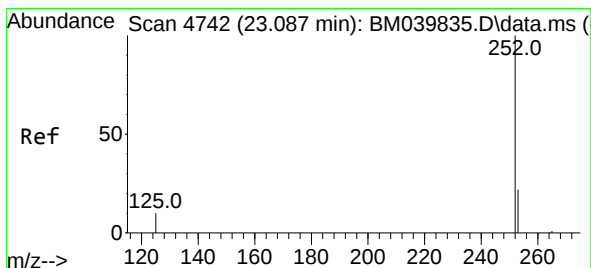
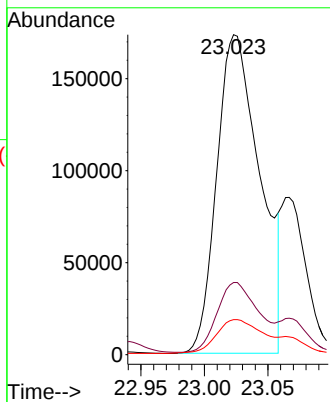
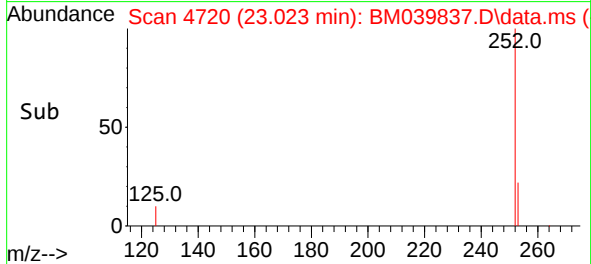
Instrument :
BNA_M
ClientSampleId :
EW916DL



Tgt Ion:252 Resp: 409350
Ion Ratio Lower Upper
252 100
253 22.6 0.0 52.8
125 10.9 0.0 31.6

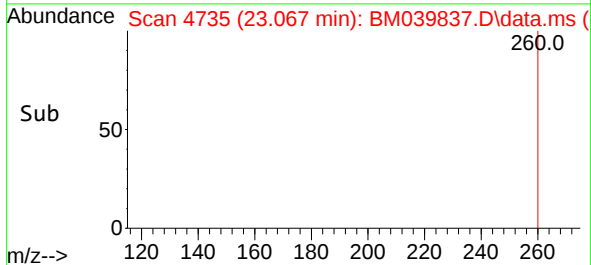
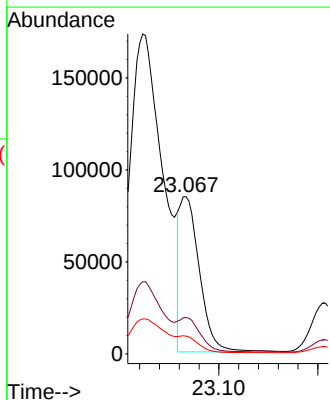
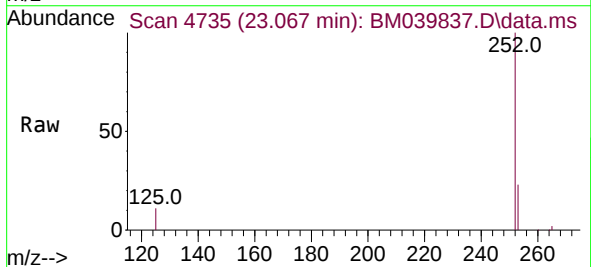
Manual Integrations
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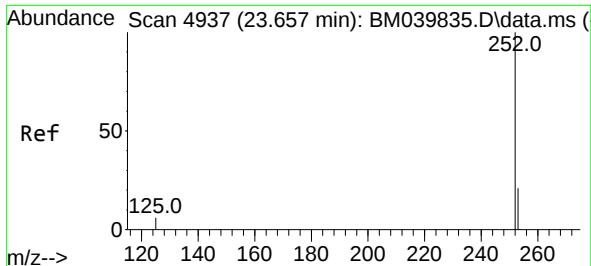
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#25
Benzo(k)fluoranthene
Concen: 3.573 ng/ul m
RT: 23.067 min Scan# 4735
Delta R.T. -0.019 min
Lab File: BM039837.D
Acq: 05 May 2023 09:43

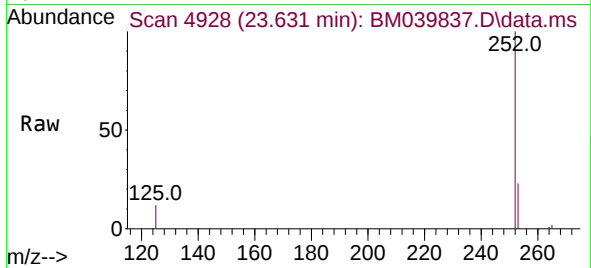
Tgt Ion:252 Resp: 117268
Ion Ratio Lower Upper
252 100
253 23.2 21.3 31.9
125 11.3 13.0 19.6#





#26
Benzo(a)pyrene
Concen: 9.234 ng/ul
RT: 23.631 min Scan# 4937
Delta R.T. -0.019 min
Lab File: BM039837.D
Acq: 05 May 2023 09:43

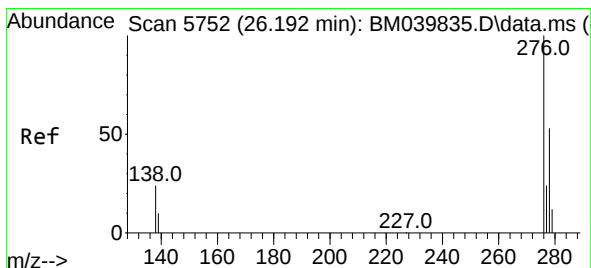
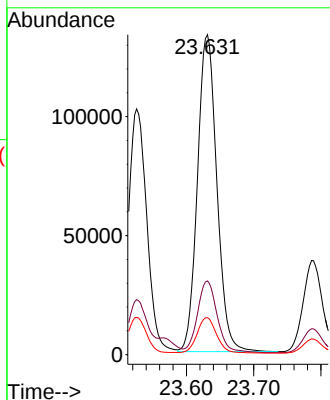
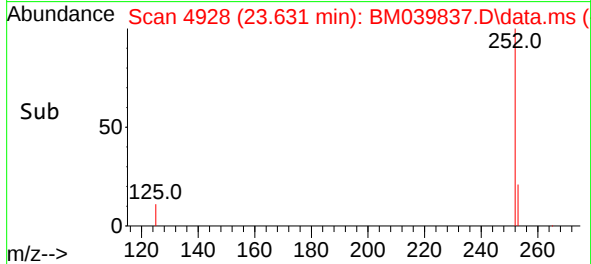
Instrument :
BNA_M
ClientSampleId :
EW916DL



Tgt Ion:252 Resp: 267190
Ion Ratio Lower Upper
252 100
253 23.1 24.7 37.1
125 11.5 16.5 24.7

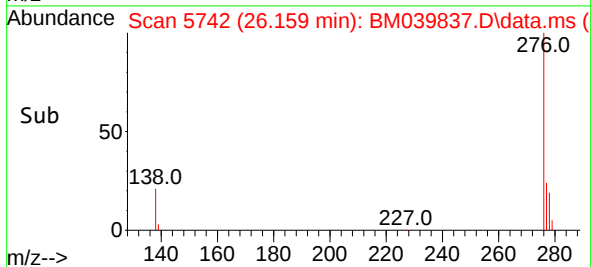
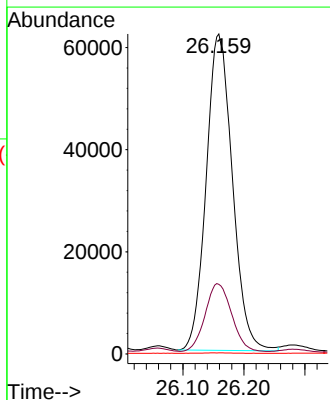
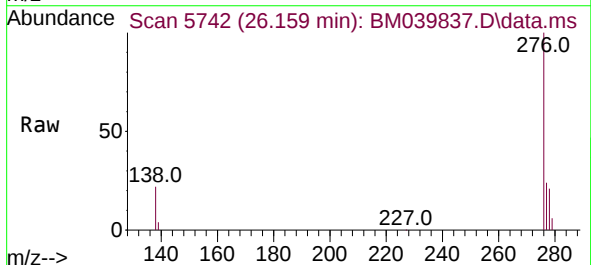
Manual Integrations
APPROVED

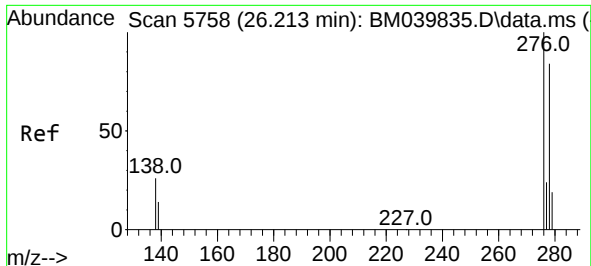
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.061 ng/ul
RT: 26.159 min Scan# 5742
Delta R.T. -0.028 min
Lab File: BM039837.D
Acq: 05 May 2023 09:43

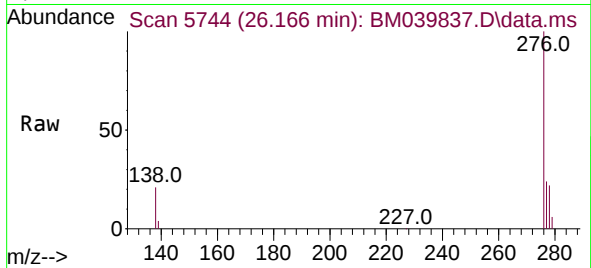
Tgt Ion:276 Resp: 185187
Ion Ratio Lower Upper
276 100
138 21.9 21.1 31.7
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 1.646 ng/ul
RT: 26.166 min Scan# 51
Delta R.T. -0.032 min
Lab File: BM039837.D
Acq: 05 May 2023 09:43

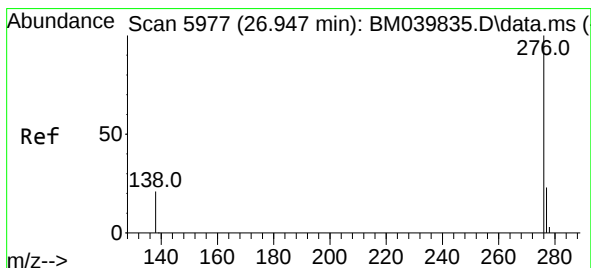
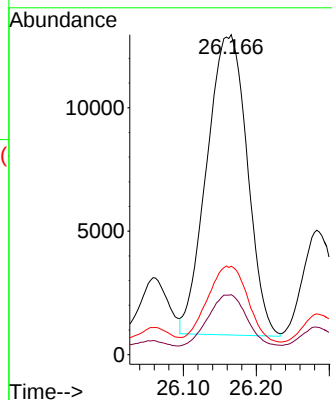
Instrument :
BNA_M
ClientSampleId :
EW916DL



Tgt Ion:278 Resp: 46752
Ion Ratio Lower Upper
278 100
139 18.7 17.0 25.6
279 27.7 23.4 35.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#29
Benzo(g,h,i)perylene
Concen: 5.212 ng/ul
RT: 26.907 min Scan# 5965
Delta R.T. -0.025 min
Lab File: BM039837.D
Acq: 05 May 2023 09:43

Tgt Ion:276 Resp: 166181
Ion Ratio Lower Upper
276 100
138 22.1 20.1 30.1
277 24.1 20.1 30.1

