

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050823\
 Data File : BM039869.D
 Acq On : 08 May 2023 14:38
 Operator : CG/JU
 Sample : 02479-03DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW944DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/09/2023
 Supervised By : Jagrut Upadhyay 05/09/2023

Quant Time: May 09 01:51:50 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 : Mon May 08 14:35:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.783	152	4152	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.588	136	15009	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.435	164	8135	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.190	188	15359	0.400	ng/ul	0.00
17) Chrysene-d12	21.390	240	8439	0.400	ng/ul	# 0.00
23) Perylene-d12	23.738	264	8309	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.180	96	2579	0.421	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.194	152	717	0.037	ng/ul	0.00
18) Fluoranthene-d10	19.227	212	1281	0.056	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.638	128	1395	0.037	ng/ul#	78
7) 2-Methylnaphthalene	12.271	142	875	0.040	ng/ul	96
8) 1-Methylnaphthalene	12.480	142	630	0.027	ng/ul	97
10) Acenaphthylene	14.158	152	1951	0.062	ng/ul#	84
11) Acenaphthene	14.496	153	734	0.030	ng/ul	96
12) Fluorene	15.495	166	977	0.036	ng/ul#	89
15) Phenanthrene	17.232	178	20099	0.497	ng/ul	99
16) Anthracene	17.325	178	3601	0.104	ng/ul#	89
19) Fluoranthene	19.255	202	39620	1.316	ng/ul	100
20) Pyrene	19.618	202	44984	1.384	ng/ul	98
21) Benzo(a)anthracene	21.373	228	19278	0.795	ng/ul#	85
22) Chrysene	21.426	228	27367m	0.997	ng/ul	
24) Benzo(b)fluoranthene	23.024	252	32668	1.120	ng/ul	91
25) Benzo(k)fluoranthene	23.068	252	10555m	0.355	ng/ul	
26) Benzo(a)pyrene	23.632	252	20997	0.801	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.167	276	21090	0.637	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.167	278	5601	0.218	ng/ul#	48
29) Benzo(g,h,i)perylene	26.915	276	22559	0.781	ng/ul	94

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

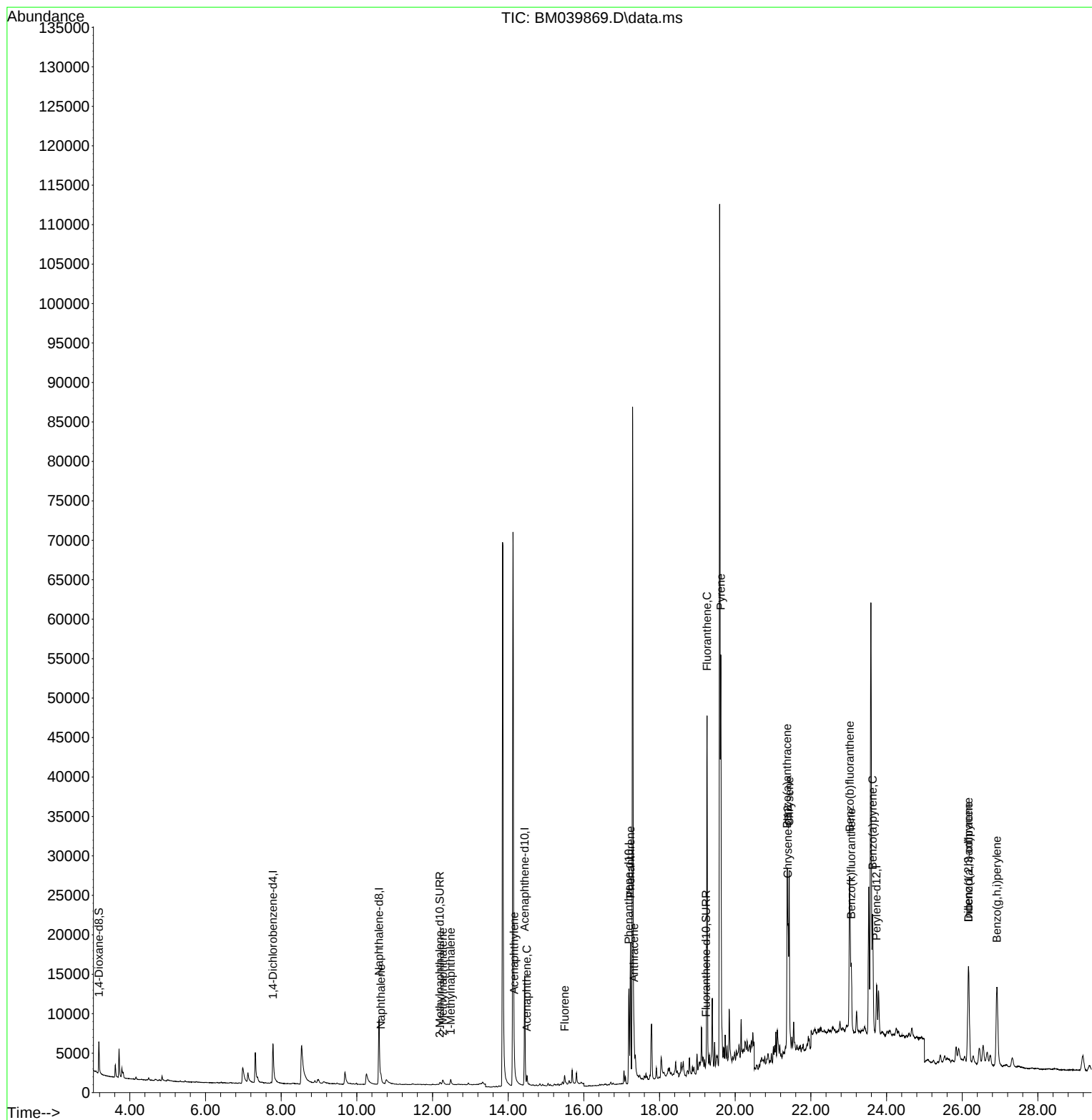
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050823\
Data File : BM039869.D
Acq On : 08 May 2023 14:38
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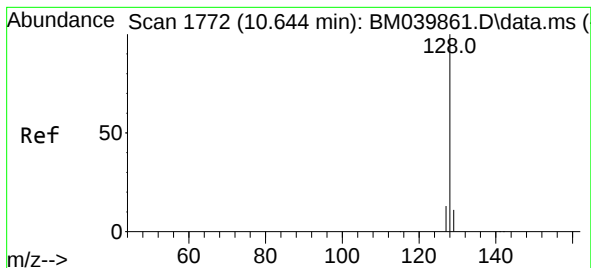
Instrument :
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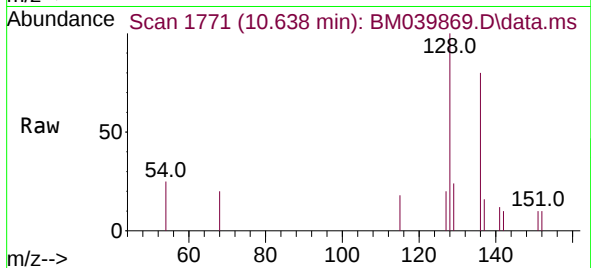
Quant Time: May 09 01:51:50 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 08 14:35:49 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.037 ng/ul
RT: 10.638 min Scan# 1771
Delta R.T. -0.007 min
Lab File: BM039869.D
Acq: 08 May 2023 14:38

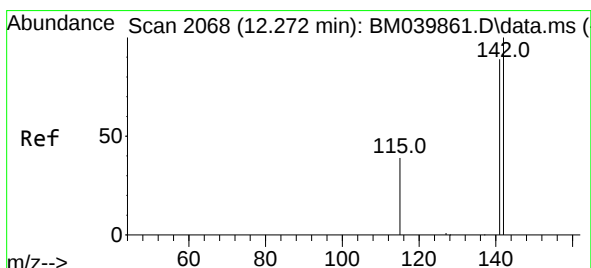
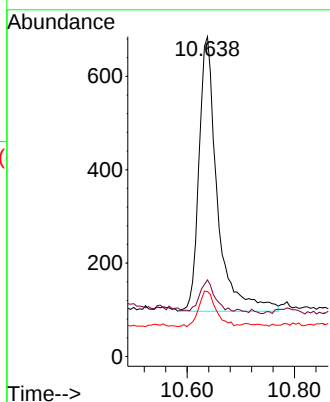
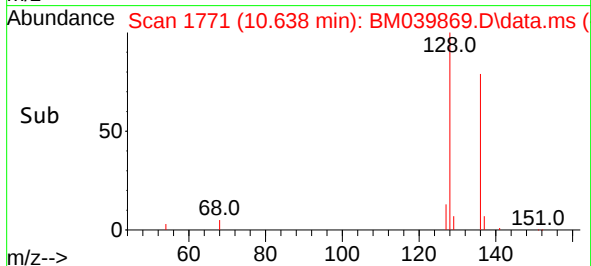
Instrument :
BNA_M
ClientSampleId :
EW944DL



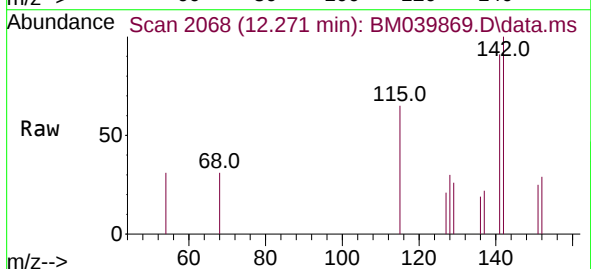
Tgt Ion:128 Resp: 139
Ion Ratio Lower Upper
128 100
129 23.9 9.8 14.6
127 20.3 11.1 16.7

Manual Integrations
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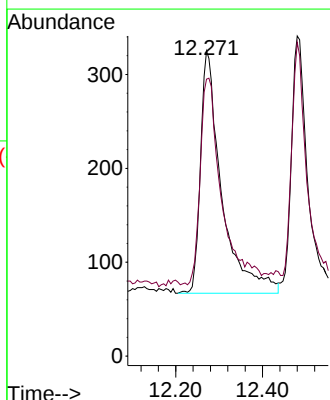
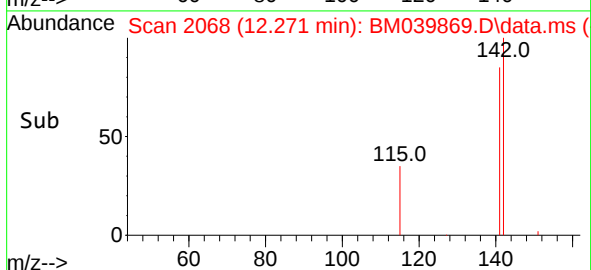
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

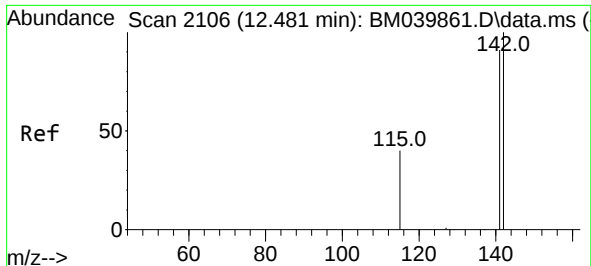


#7
2-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.271 min Scan# 2068
Delta R.T. -0.001 min
Lab File: BM039869.D
Acq: 08 May 2023 14:38



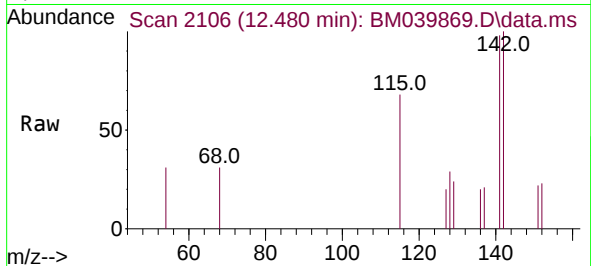
Tgt Ion:142 Resp: 875
Ion Ratio Lower Upper
142 100
141 87.8 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.480 min Scan# 2106
Delta R.T. -0.001 min
Lab File: BM039869.D
Acq: 08 May 2023 14:38

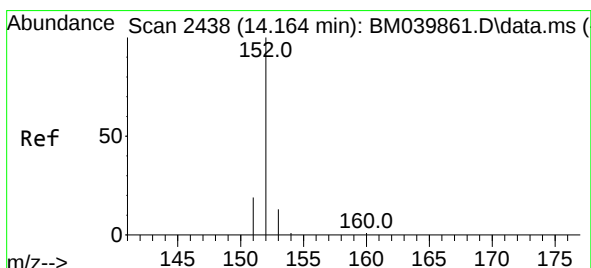
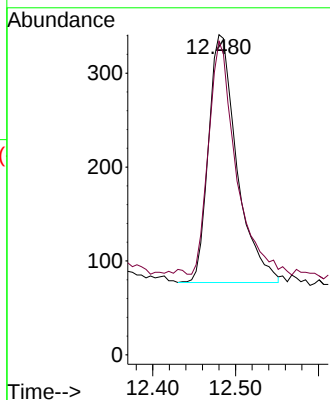
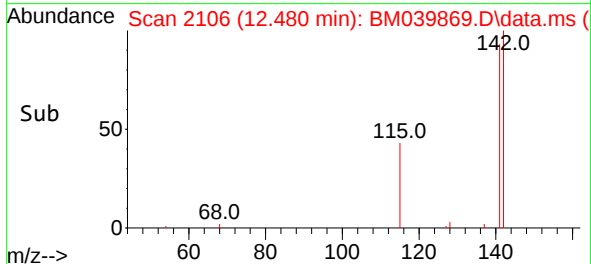
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 630
Ion Ratio Lower Upper
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141 89.4 73.4 110.2

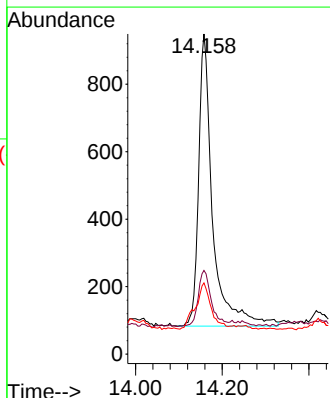
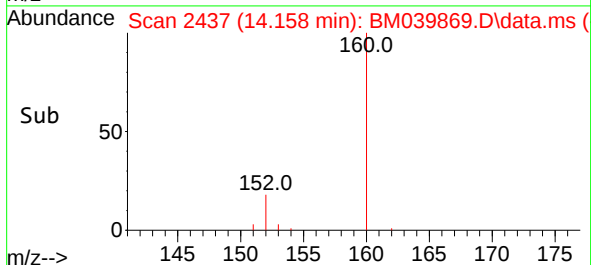
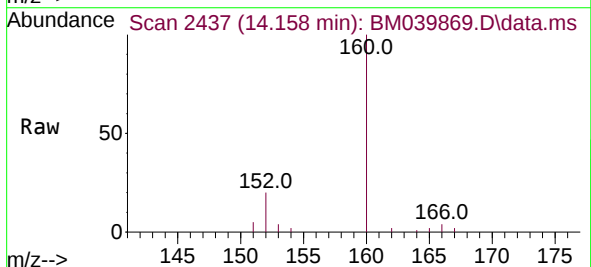
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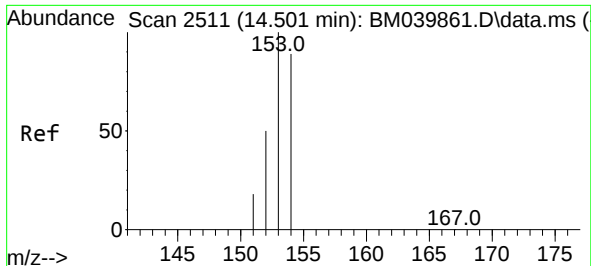
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#10
Acenaphthylene
Concen: 0.062 ng/ul
RT: 14.158 min Scan# 2437
Delta R.T. -0.006 min
Lab File: BM039869.D
Acq: 08 May 2023 14:38

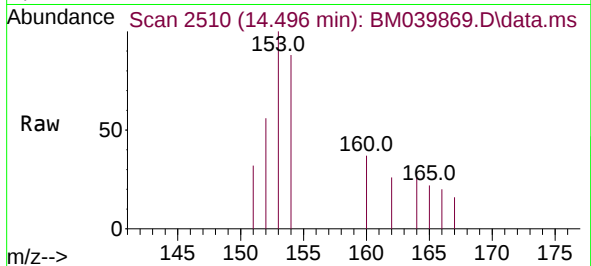
Tgt Ion:152 Resp: 1951
Ion Ratio Lower Upper
152 100
151 26.1 16.0 24.0#
153 22.2 11.2 16.8#





#11
Acenaphthene
Concen: 0.030 ng/ul
RT: 14.496 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039869.D
Acq: 08 May 2023 14:38

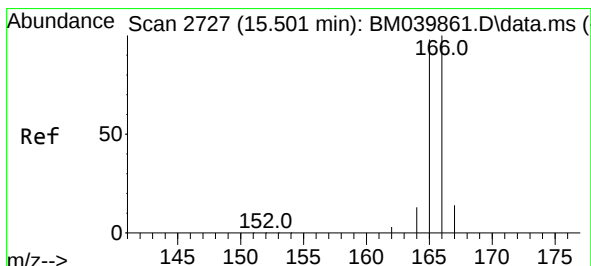
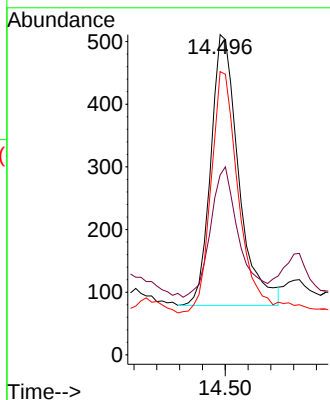
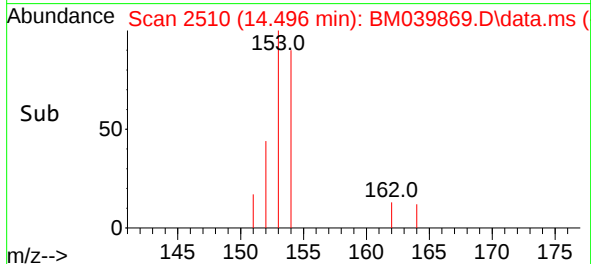
Instrument :
BNA_M
ClientSampleId :
EW944DL



Tgt Ion:153 Resp: 734
Ion Ratio Lower Upper
153 100
152 56.2 40.6 61.0
154 88.5 71.9 107.9

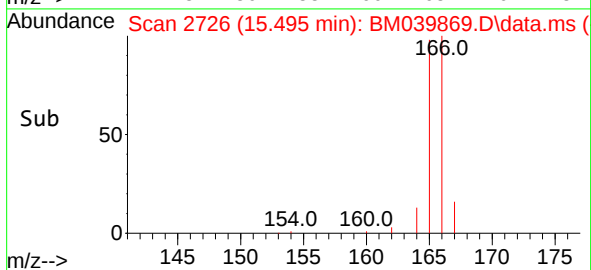
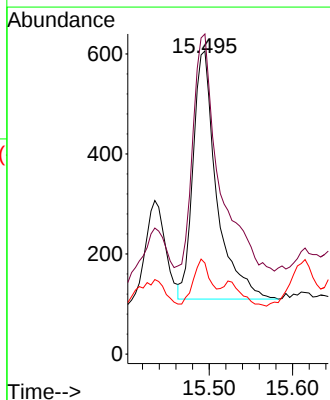
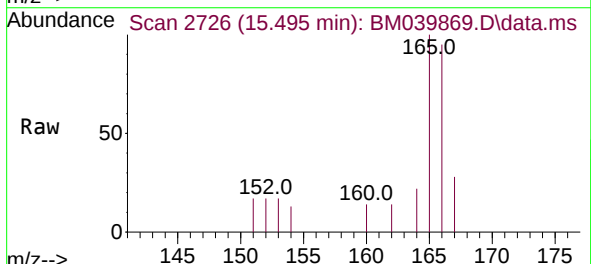
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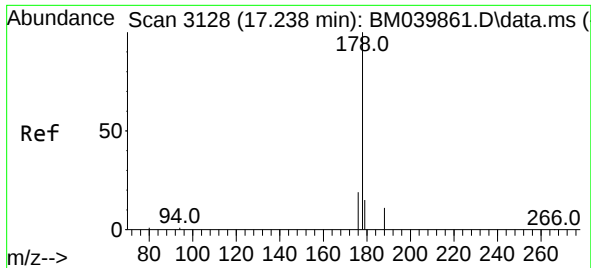
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#12
Fluorene
Concen: 0.036 ng/ul
RT: 15.495 min Scan# 2726
Delta R.T. -0.006 min
Lab File: BM039869.D
Acq: 08 May 2023 14:38

Tgt Ion:166 Resp: 977
Ion Ratio Lower Upper
166 100
165 105.6 79.0 118.6
167 30.0 11.8 17.6#





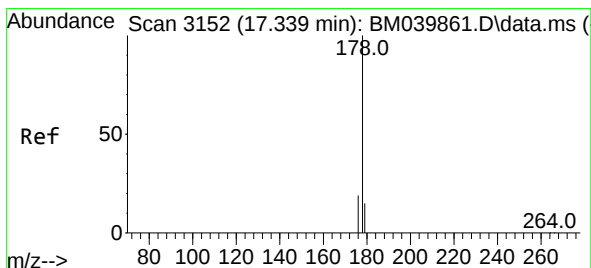
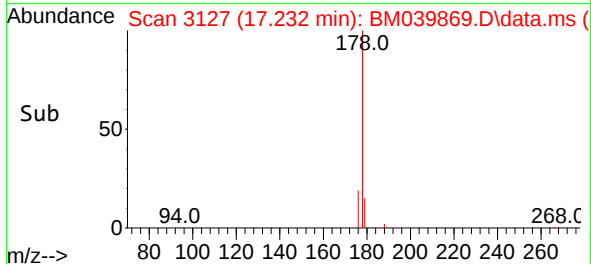
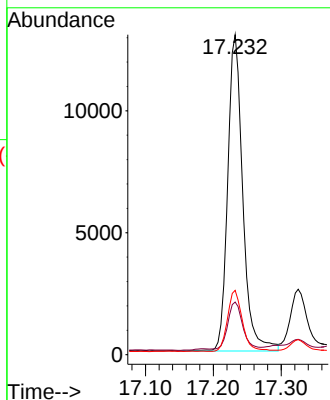
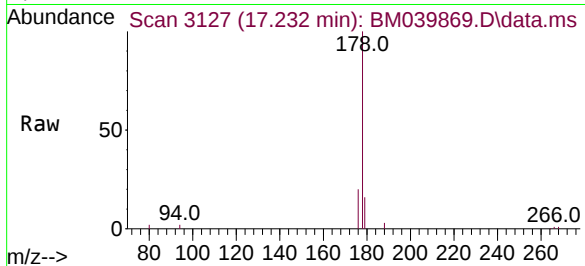
#15
Phenanthrene
Concen: 0.497 ng/ul
RT: 17.232 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BM039869.D
Acq: 08 May 2023 14:38

Instrument :
BNA_M
ClientSampleId :
EW944DL

Tgt Ion:178 Resp: 2009
Ion Ratio Lower Upper
178 100
179 16.4 13.0 19.6
176 20.1 15.8 23.8

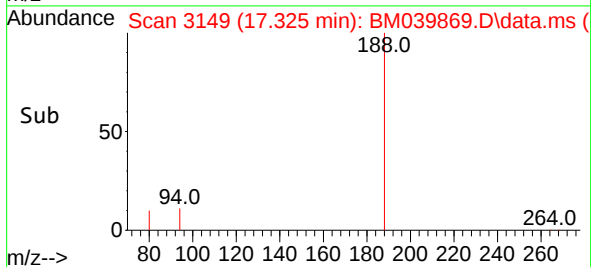
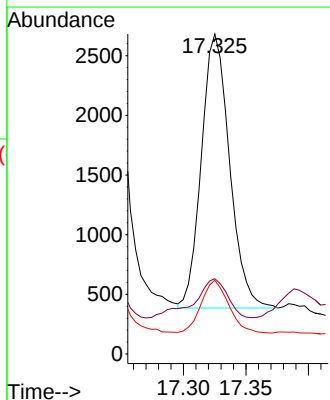
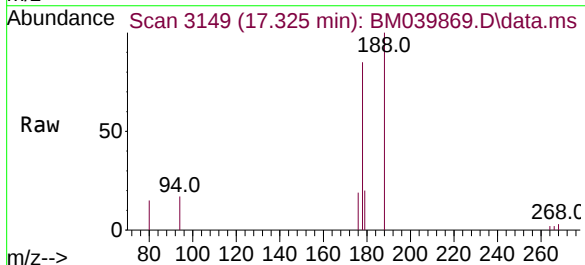
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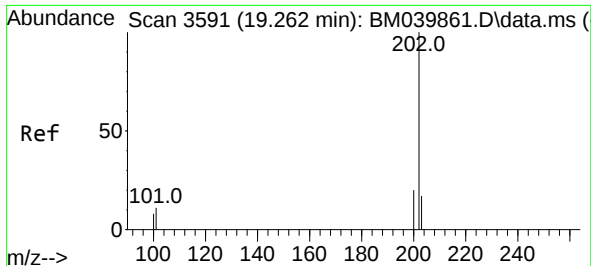
Reviewed By :Christian Giraldo 05/09/2023
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#16
Anthracene
Concen: 0.104 ng/ul
RT: 17.325 min Scan# 3149
Delta R.T. -0.014 min
Lab File: BM039869.D
Acq: 08 May 2023 14:38

Tgt Ion:178 Resp: 3601
Ion Ratio Lower Upper
178 100
179 23.5 13.8 20.6#
176 23.0 15.8 23.8





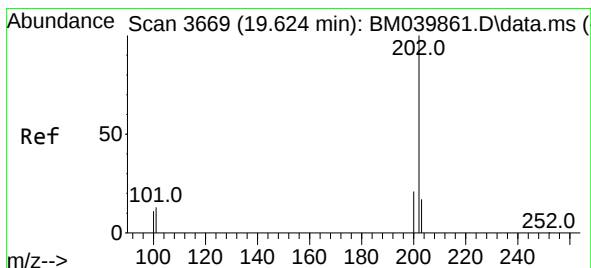
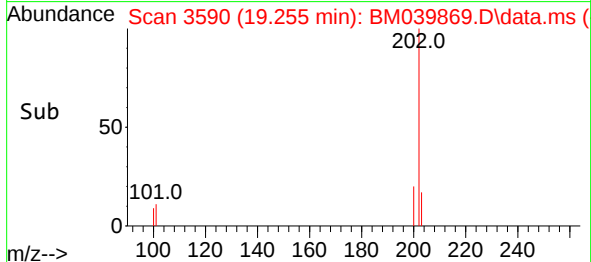
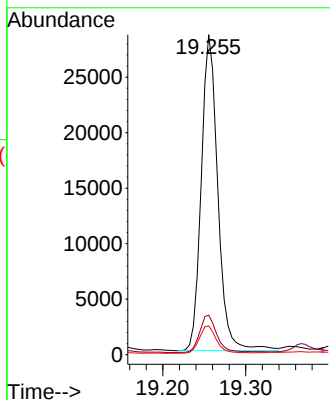
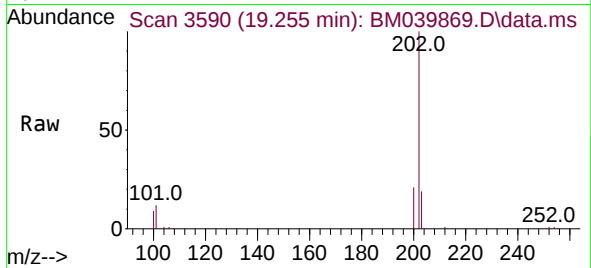
#19
Fluoranthene
Concen: 1.316 ng/ul
RT: 19.255 min Scan# 3591
Delta R.T. -0.006 min
Lab File: BM039869.D
Acq: 08 May 2023 14:38

Instrument :
BNA_M
ClientSampleId :
EW944DL

Tgt Ion:202 Resp: 39620
Ion Ratio Lower Upper
202 100
101 12.3 9.8 14.8
100 9.0 7.3 10.9

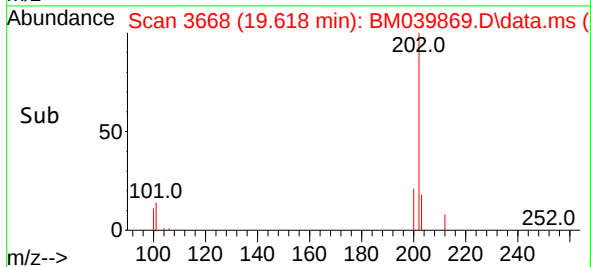
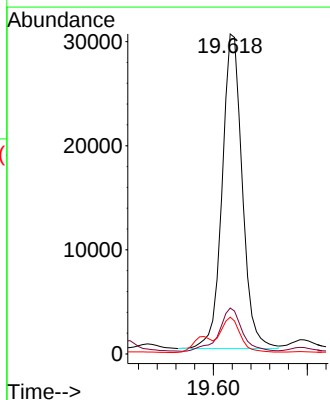
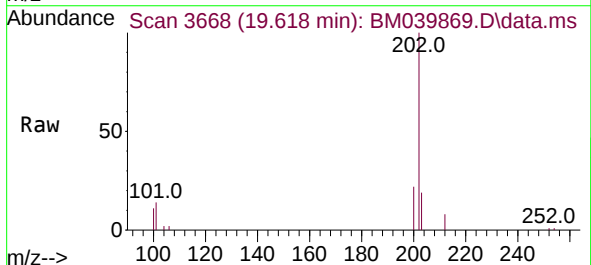
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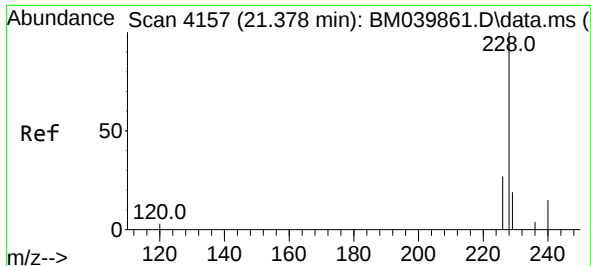
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#20
Pyrene
Concen: 1.384 ng/ul
RT: 19.618 min Scan# 3668
Delta R.T. -0.006 min
Lab File: BM039869.D
Acq: 08 May 2023 14:38

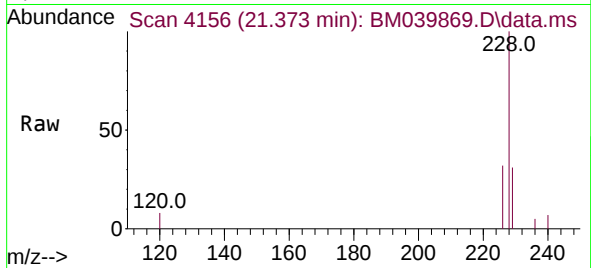
Tgt Ion:202 Resp: 44984
Ion Ratio Lower Upper
202 100
101 14.4 10.9 16.3
100 11.5 8.9 13.3





#21
Benzo(a)anthracene
Concen: 0.795 ng/ul
RT: 21.373 min Scan# 4157
Delta R.T. -0.005 min
Lab File: BM039869.D
Acq: 08 May 2023 14:38

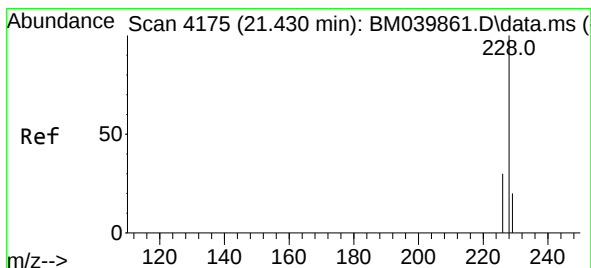
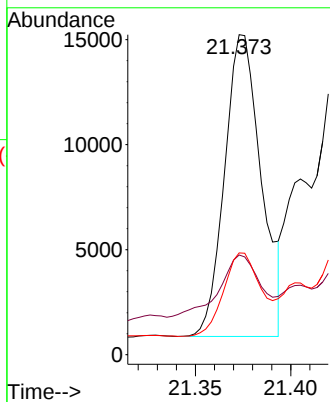
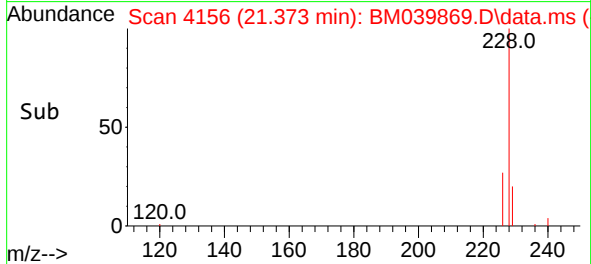
Instrument :
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Tgt Ion:228 Resp: 19278
Ion Ratio Lower Upper
228 100
229 31.1 16.2 24.2
226 31.8 21.6 32.4

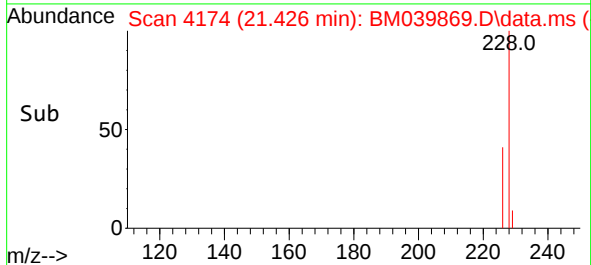
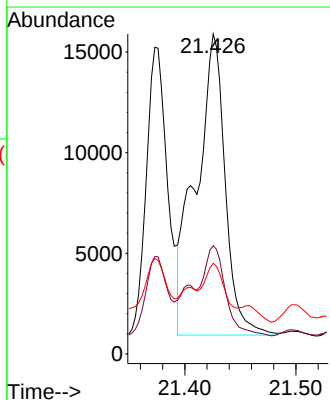
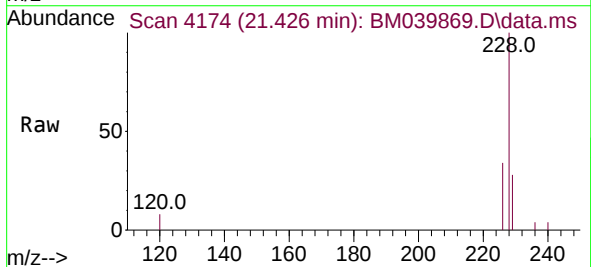
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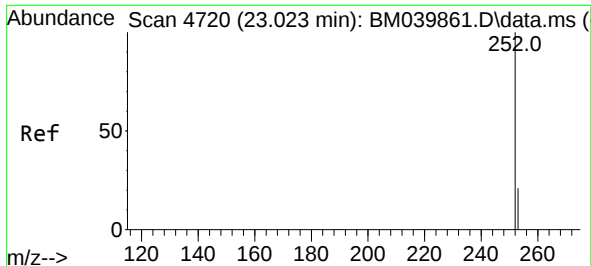
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#22
Chrysene
Concen: 0.997 ng/ul m
RT: 21.426 min Scan# 4174
Delta R.T. -0.005 min
Lab File: BM039869.D
Acq: 08 May 2023 14:38

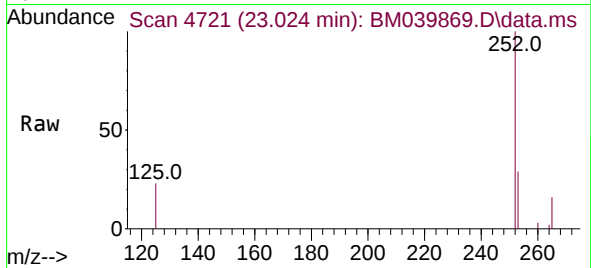
Tgt Ion:228 Resp: 27367
Ion Ratio Lower Upper
228 100
226 33.8 24.3 36.5
229 28.3 15.9 23.9#





#24
Benzo(b)fluoranthene
Concen: 1.120 ng/ul
RT: 23.024 min Scan# 4721
Delta R.T. 0.001 min
Lab File: BM039869.D
Acq: 08 May 2023 14:38

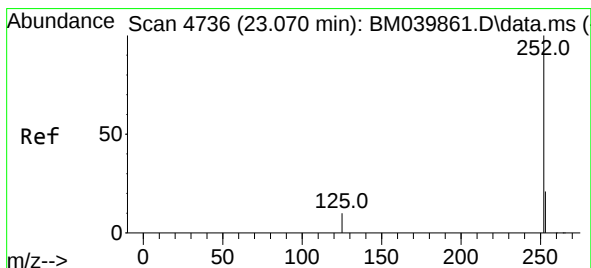
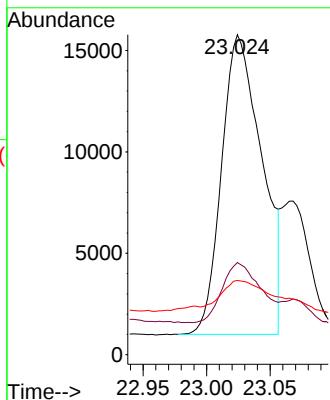
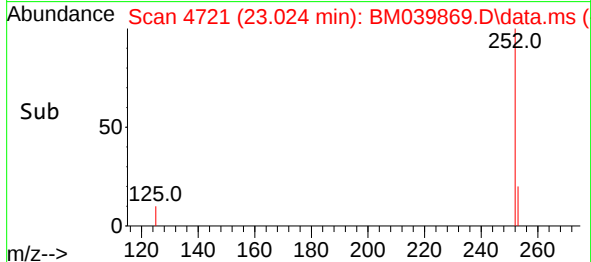
Instrument :
BNA_M
ClientSampleId :
EW944DL



Tgt Ion:252 Resp: 3266
Ion Ratio Lower Upper
252 100
253 28.8 0.0 52.8
125 23.2 0.0 31.6

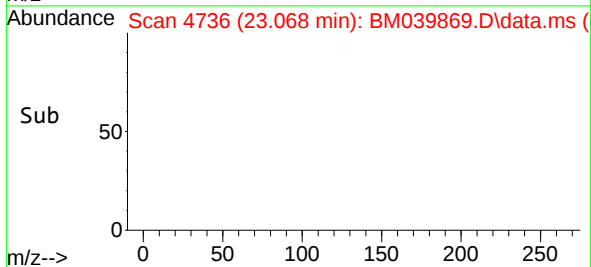
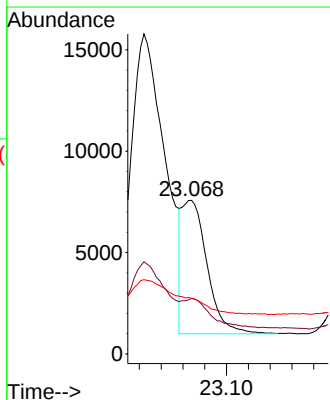
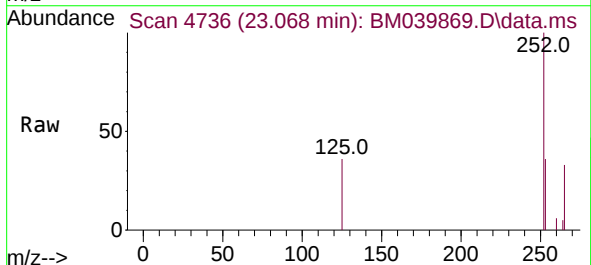
Manual Integrations
APPROVED

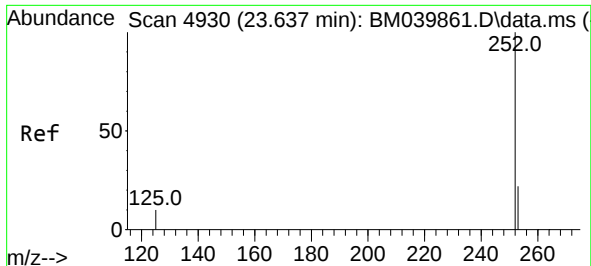
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#25
Benzo(k)fluoranthene
Concen: 0.355 ng/ul m
RT: 23.068 min Scan# 4736
Delta R.T. -0.002 min
Lab File: BM039869.D
Acq: 08 May 2023 14:38

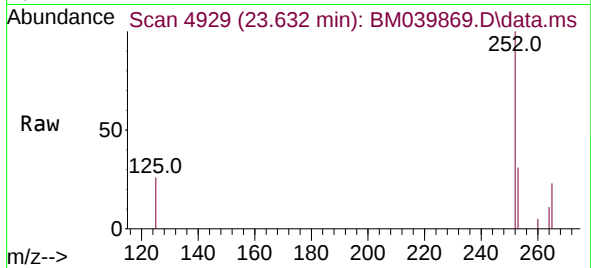
Tgt Ion:252 Resp: 10555
Ion Ratio Lower Upper
252 100
253 36.3 21.3 31.9#
125 36.2 13.0 19.6#





#26
Benzo(a)pyrene
Concen: 0.801 ng/ul
RT: 23.632 min Scan# 4930
Delta R.T. -0.005 min
Lab File: BM039869.D
Acq: 08 May 2023 14:38

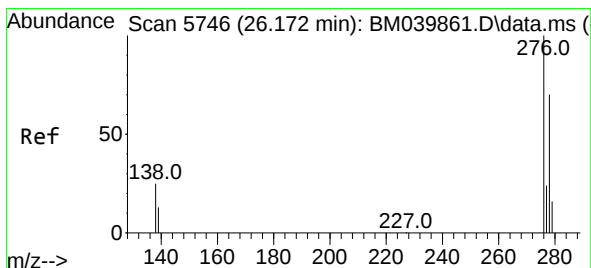
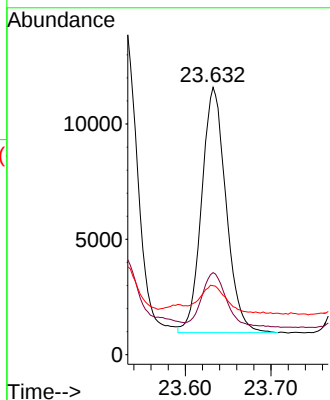
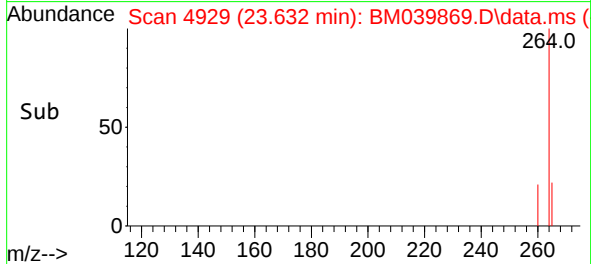
Instrument :
BNA_M
ClientSampleId :
EW944DL



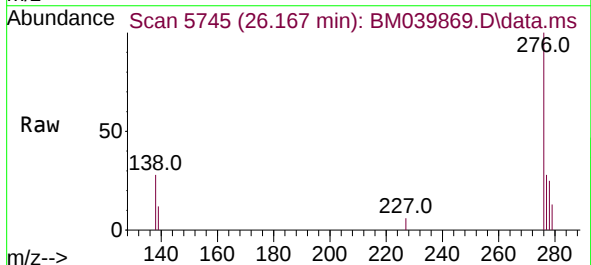
Tgt Ion:252 Resp: 2099
Ion Ratio Lower Upper
252 100
253 30.7 24.7 37.1
125 25.8 16.5 24.7

Manual Integrations
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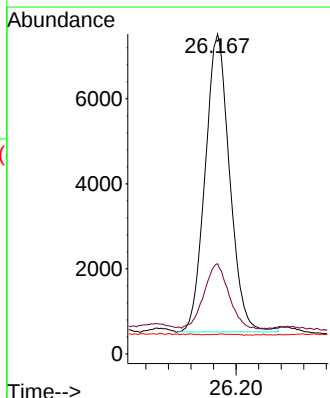
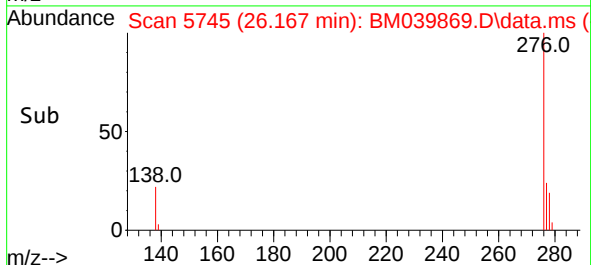
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

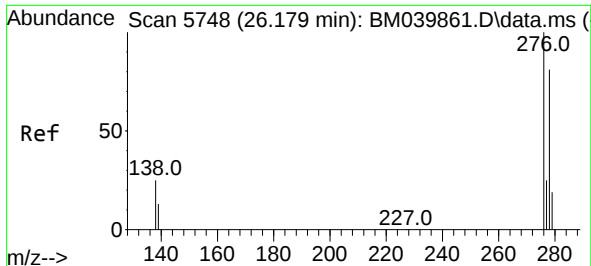


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.637 ng/ul
RT: 26.167 min Scan# 5745
Delta R.T. -0.005 min
Lab File: BM039869.D
Acq: 08 May 2023 14:38



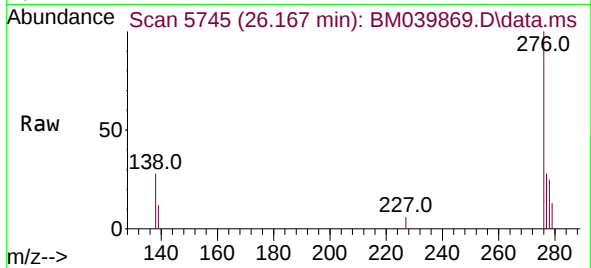
Tgt Ion:276 Resp: 21090
Ion Ratio Lower Upper
276 100
138 22.0 21.1 31.7
227 0.4 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.218 ng/ul
RT: 26.167 min Scan# 51
Delta R.T. -0.012 min
Lab File: BM039869.D
Acq: 08 May 2023 14:38

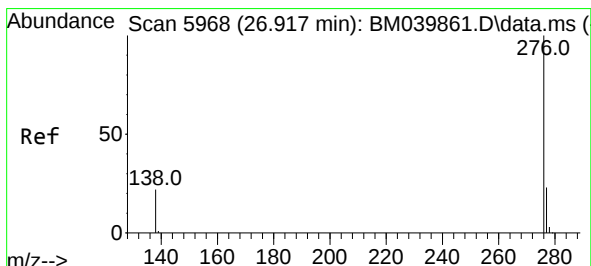
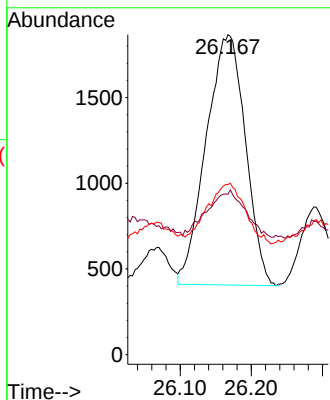
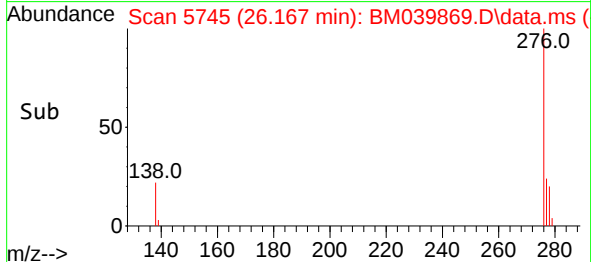
Instrument :
BNA_M
ClientSampleId :
EW944DL



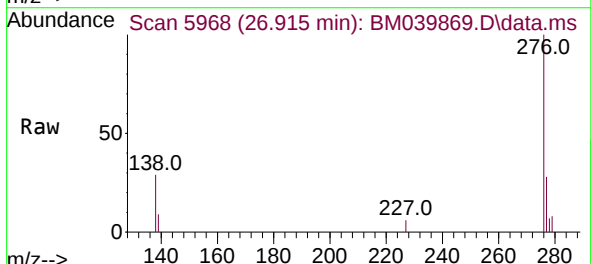
Tgt Ion:278 Resp: 560
Ion Ratio Lower Upper
278 100
139 50.1 17.0 25.6
279 53.2 23.4 35.2

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Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#29
Benzo(g,h,i)perylene
Concen: 0.781 ng/ul
RT: 26.915 min Scan# 5968
Delta R.T. -0.002 min
Lab File: BM039869.D
Acq: 08 May 2023 14:38



Tgt Ion:276 Resp: 22559
Ion Ratio Lower Upper
276 100
138 28.5 20.1 30.1
277 28.1 20.1 30.1

