

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039732.D
 Acq On : 28 Apr 2023 12:38
 Operator : CG/JU
 Sample : 02418-19DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8Z5DL

Manual Integrations
 APPROVED

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

Quant Time: Apr 29 02:03:42 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	3911	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.600	136	14511	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.451	164	8669	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	19657	0.400	ng/ul	-0.02
17) Chrysene-d12	21.398	240	16036	0.400	ng/ul	-0.01
23) Perylene-d12	23.742	264	14730	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	2853	0.495	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.206	152	800	0.043	ng/ul	-0.01
18) Fluoranthene-d10	19.234	212	2339	0.054	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.650	128	11416	0.313	ng/ul	100
7) 2-Methylnaphthalene	12.283	142	5407	0.257	ng/ul	98
8) 1-Methylnaphthalene	12.492	142	5729	0.254	ng/ul	99
10) Acenaphthylene	14.173	152	27855	0.830	ng/ul	99
11) Acenaphthene	14.511	153	18265	0.693	ng/ul	97
12) Fluorene	15.505	166	26885	0.919	ng/ul	99
15) Phenanthrene	17.242	178	578019	11.161	ng/ul	98
16) Anthracene	17.335	178	82793	1.862	ng/ul	99
19) Fluoranthene	19.262	202	873540	15.269	ng/ul	99
20) Pyrene	19.629	202	752573	12.181	ng/ul	98
21) Benzo(a)anthracene	21.380	228	338908	7.351	ng/ul	99
22) Chrysene	21.433	228	356216	6.827	ng/ul	98
24) Benzo(b)fluoranthene	23.029	252	461709	8.925	ng/ul	91
25) Benzo(k)fluoranthene	23.070	252	158786m	3.015	ng/ul	
26) Benzo(a)pyrene	23.637	252	276413	5.951	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.166	276	190539	3.244	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.172	278	43215	0.948	ng/ul	96
29) Benzo(g,h,i)perylene	26.910	276	158168	3.091	ng/ul	97

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

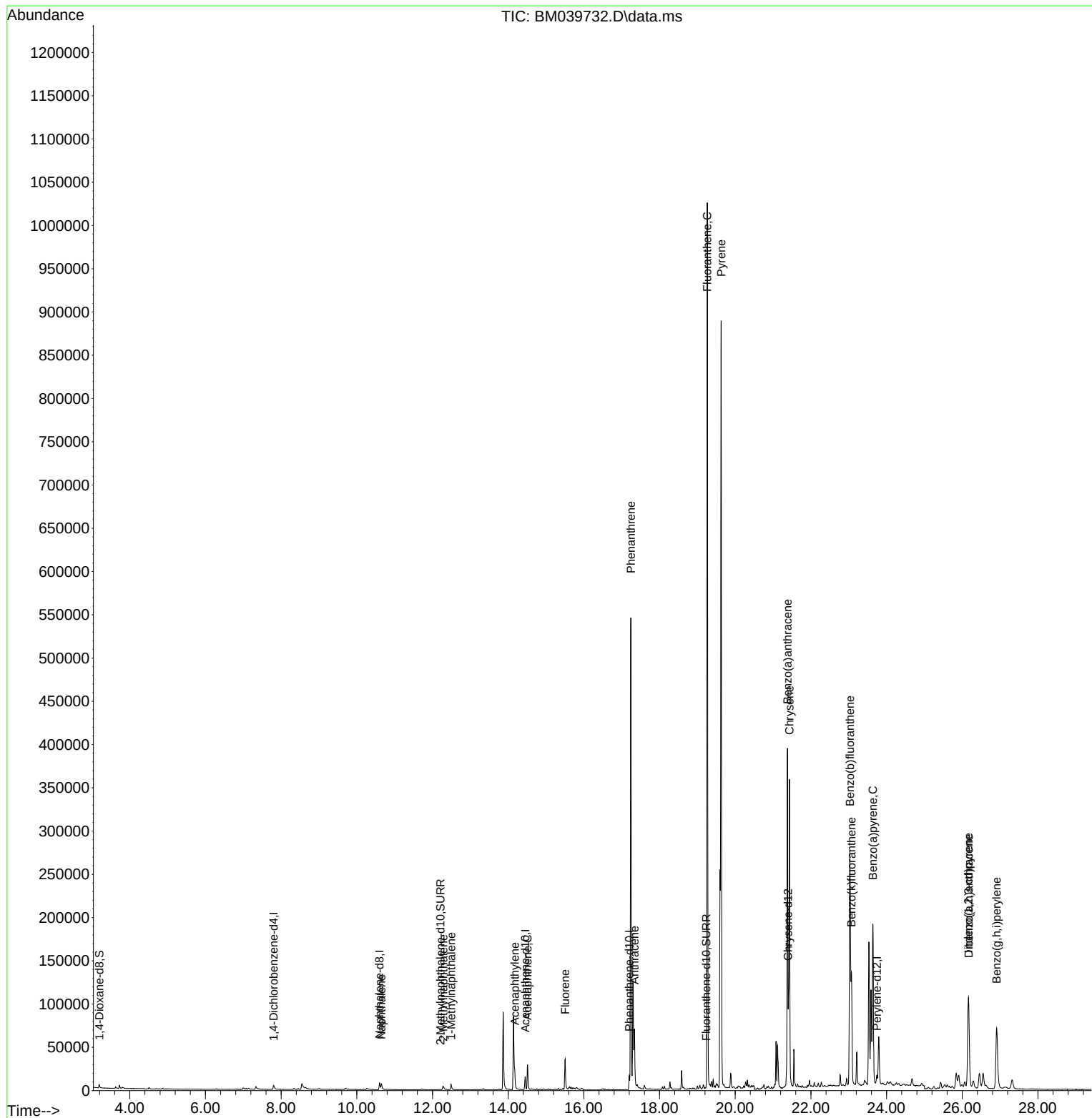
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039732.D
Acq On : 28 Apr 2023 12:38
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ALS Vial : 35 Sample Multiplier: 1

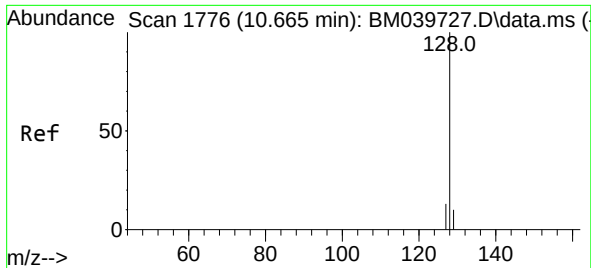
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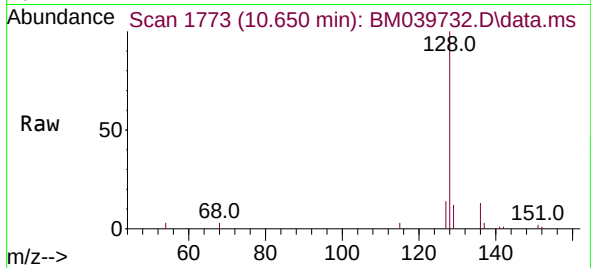
Quant Time: Apr 29 02:03:42 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 02:30:02 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.313 ng/ul
RT: 10.650 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM039732.D
Acq: 28 Apr 2023 12:38

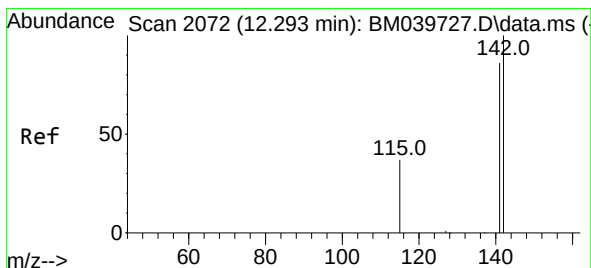
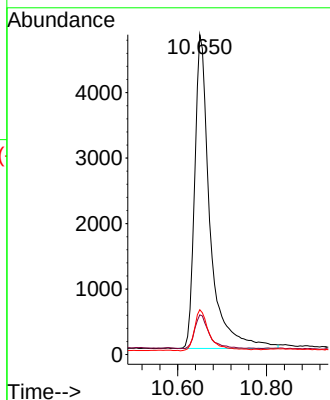
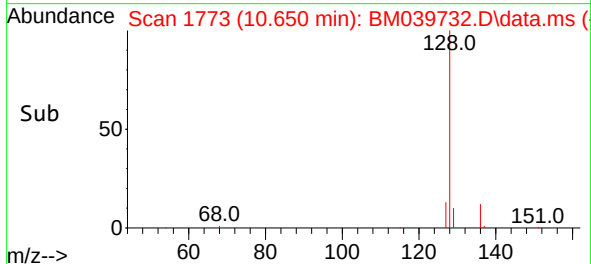
Instrument :
BNA_M
ClientSampleId :
EW8Z5DL



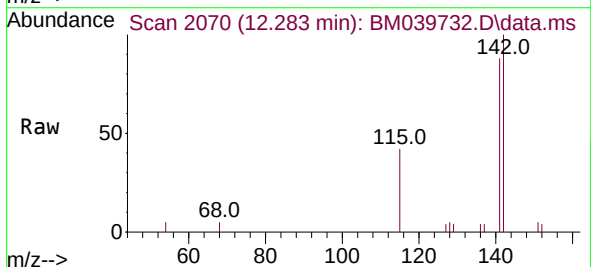
Tgt Ion:128 Resp: 11416
Ion Ratio Lower Upper
128 100
129 12.4 9.8 14.6
127 14.0 11.1 16.7

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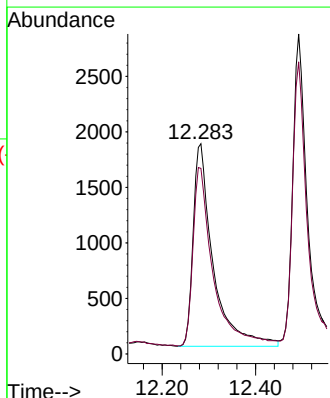
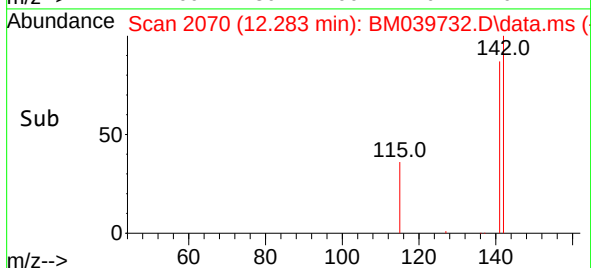
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

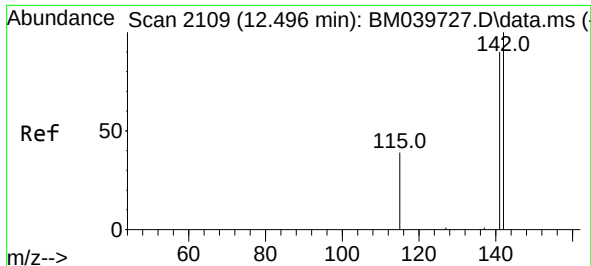


#7
2-Methylnaphthalene
Concen: 0.257 ng/ul
RT: 12.283 min Scan# 2070
Delta R.T. -0.006 min
Lab File: BM039732.D
Acq: 28 Apr 2023 12:38



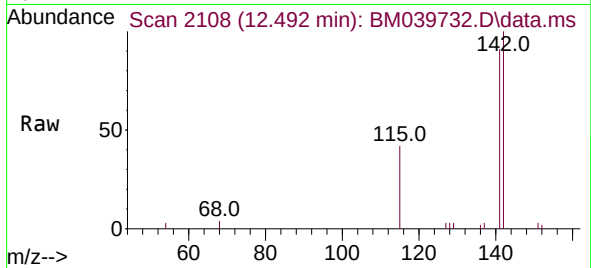
Tgt Ion:142 Resp: 5407
Ion Ratio Lower Upper
142 100
141 89.3 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.254 ng/ul
RT: 12.492 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BM039732.D
Acq: 28 Apr 2023 12:38

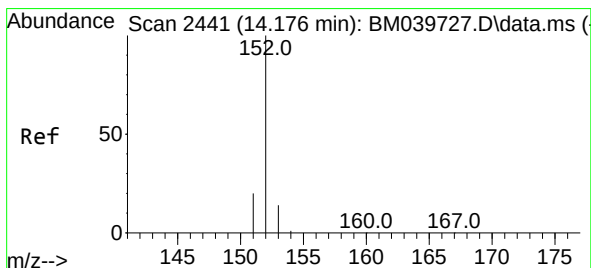
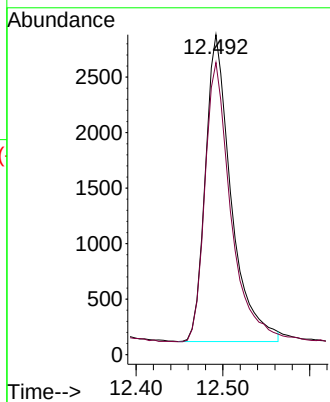
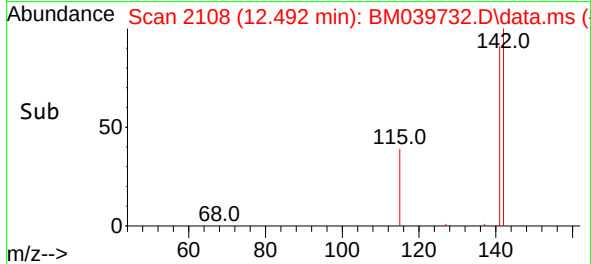
Instrument :
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ClientSampleId :
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Tgt Ion:142 Resp: 5729
Ion Ratio Lower Upper
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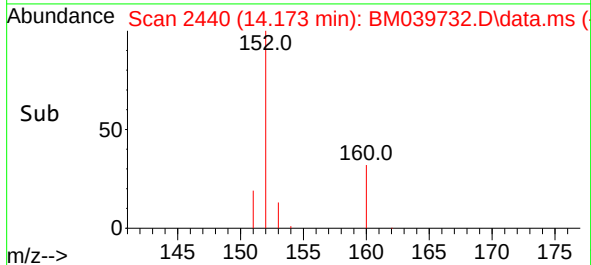
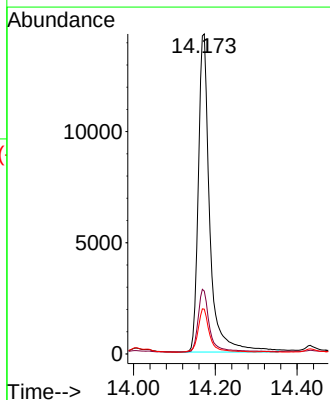
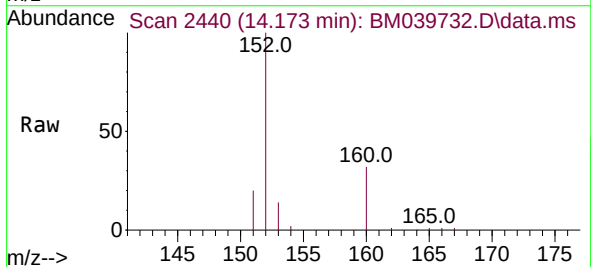
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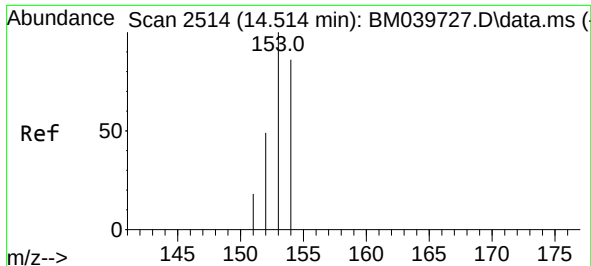
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#10
Acenaphthylene
Concen: 0.830 ng/ul
RT: 14.173 min Scan# 2440
Delta R.T. -0.009 min
Lab File: BM039732.D
Acq: 28 Apr 2023 12:38

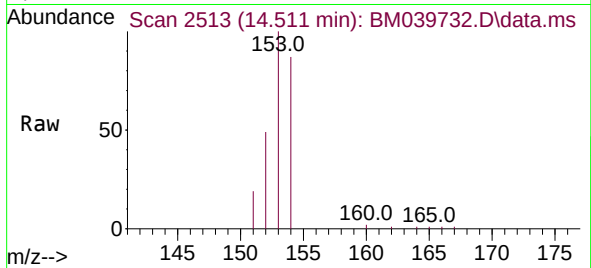
Tgt Ion:152 Resp: 27855
Ion Ratio Lower Upper
152 100
151 19.6 16.0 24.0
153 14.0 11.2 16.8





#11
Acenaphthene
Concen: 0.693 ng/ul
RT: 14.511 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM039732.D
Acq: 28 Apr 2023 12:38

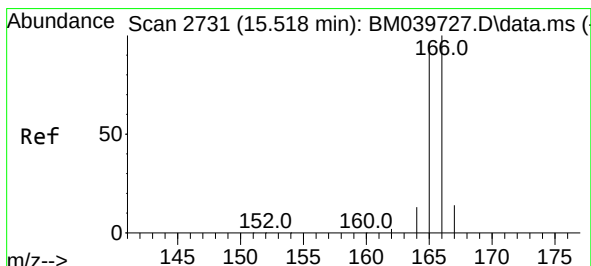
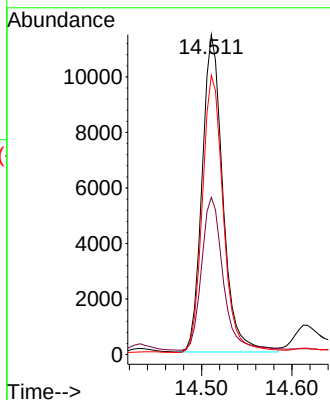
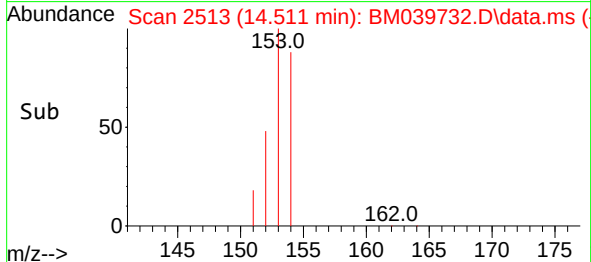
Instrument :
BNA_M
ClientSampleId :
EW8Z5DL



Tgt Ion:153 Resp: 18265
Ion Ratio Lower Upper
153 100
152 49.1 40.6 61.0
154 87.3 71.9 107.9

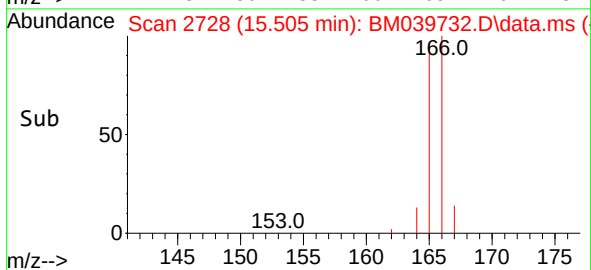
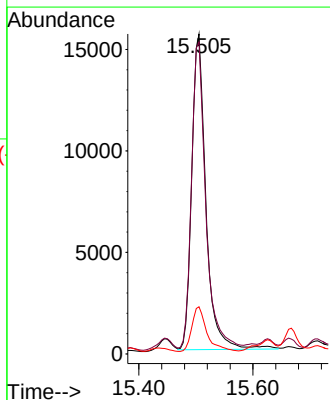
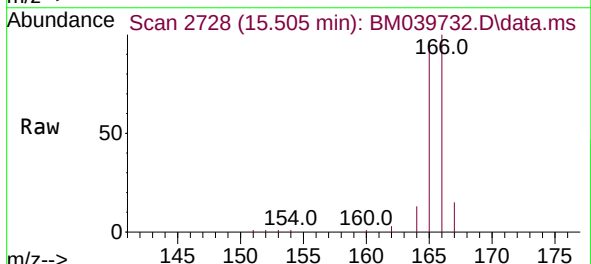
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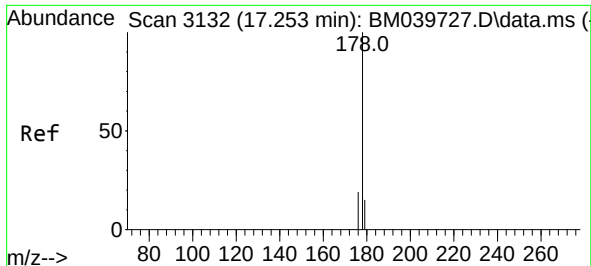
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#12
Fluorene
Concen: 0.919 ng/ul
RT: 15.505 min Scan# 2728
Delta R.T. -0.014 min
Lab File: BM039732.D
Acq: 28 Apr 2023 12:38

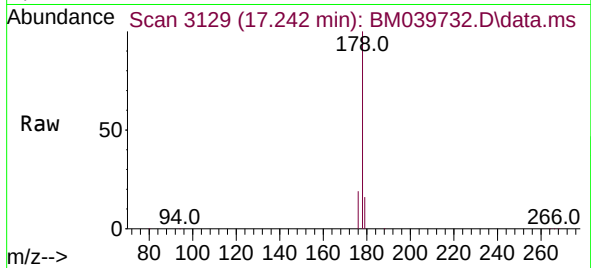
Tgt Ion:166 Resp: 26885
Ion Ratio Lower Upper
166 100
165 97.4 79.0 118.6
167 14.7 11.8 17.6





#15
Phenanthrene
Concen: 11.161 ng/ul
RT: 17.242 min Scan# 3119
Delta R.T. -0.013 min
Lab File: BM039732.D
Acq: 28 Apr 2023 12:38

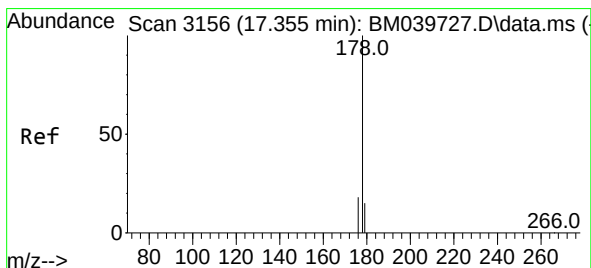
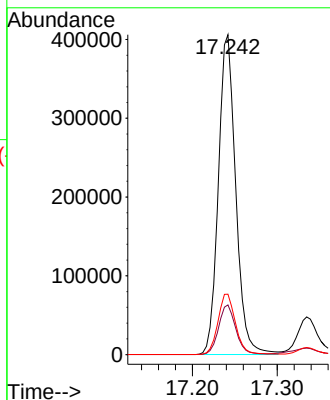
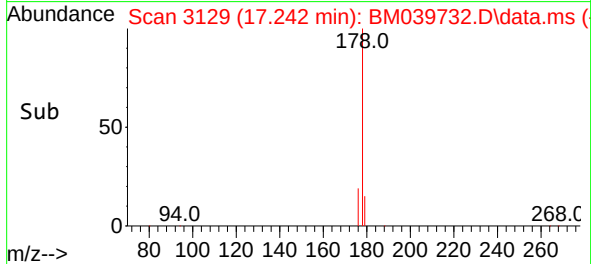
Instrument :
BNA_M
ClientSampleId :
EW8Z5DL



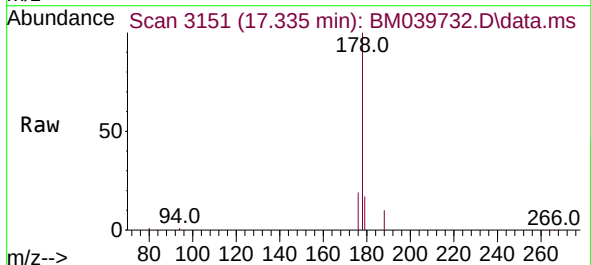
Tgt Ion:178 Resp: 578019
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 18.9 15.8 23.8

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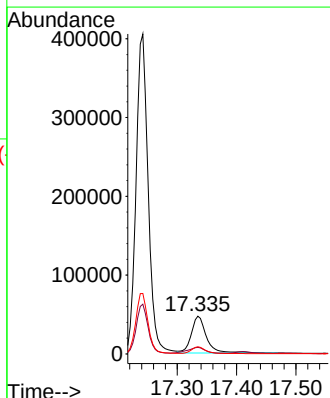
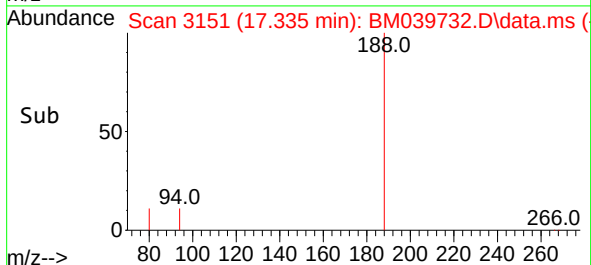
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

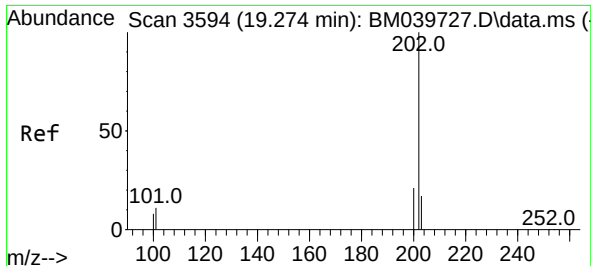


#16
Anthracene
Concen: 1.862 ng/ul
RT: 17.335 min Scan# 3151
Delta R.T. -0.021 min
Lab File: BM039732.D
Acq: 28 Apr 2023 12:38



Tgt Ion:178 Resp: 82793
Ion Ratio Lower Upper
178 100
179 17.4 13.8 20.6
176 18.8 15.8 23.8





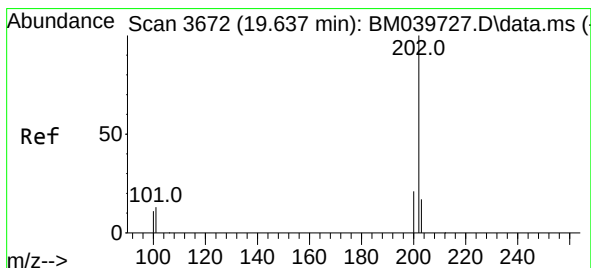
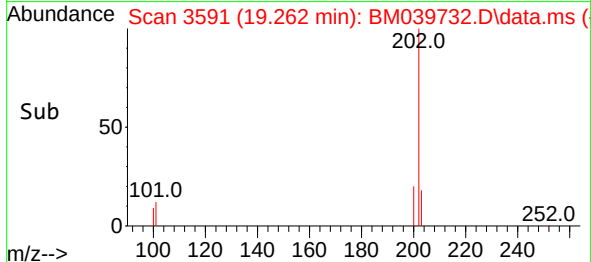
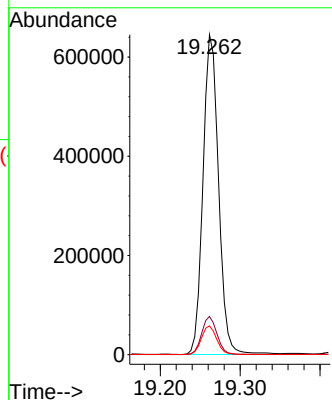
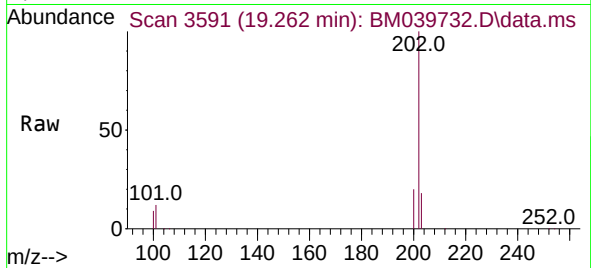
#19
Fluoranthene
Concen: 15.269 ng/ul
RT: 19.262 min Scan# 3591
Delta R.T. -0.014 min
Lab File: BM039732.D
Acq: 28 Apr 2023 12:38

Instrument :
BNA_M
ClientSampleId :
EW8Z5DL

Tgt Ion:202 Resp: 873540
Ion Ratio Lower Upper
202 100
101 11.9 9.8 14.8
100 9.0 7.3 10.9

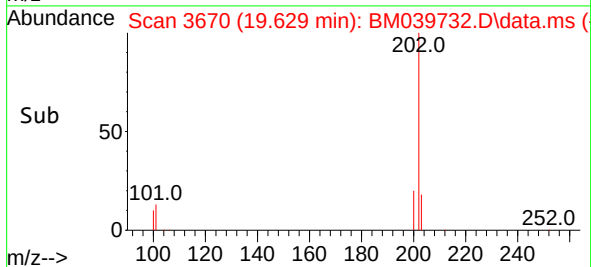
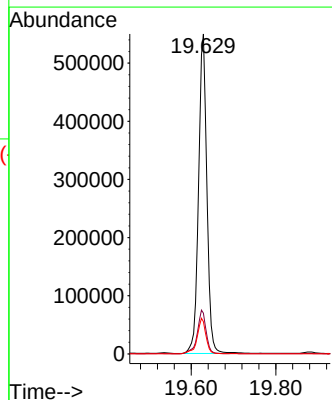
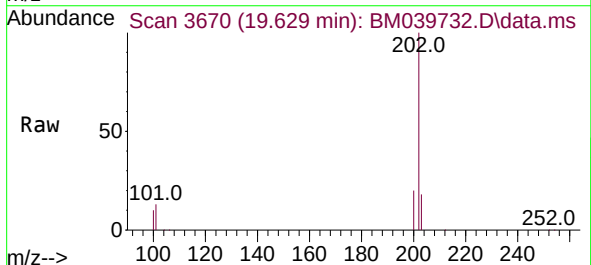
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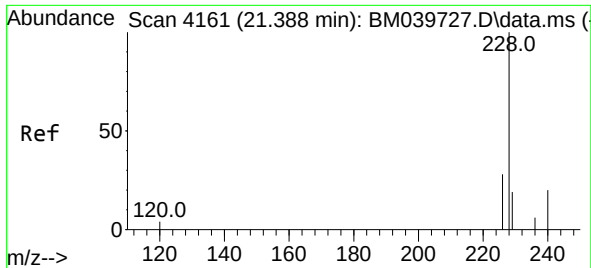
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#20
Pyrene
Concen: 12.181 ng/ul
RT: 19.629 min Scan# 3670
Delta R.T. -0.014 min
Lab File: BM039732.D
Acq: 28 Apr 2023 12:38

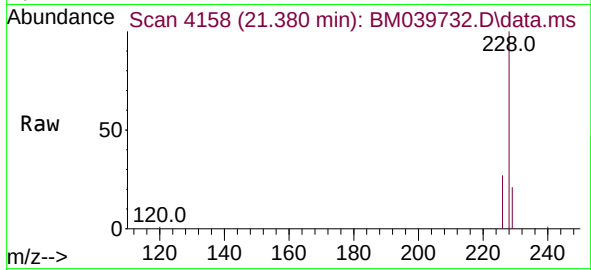
Tgt Ion:202 Resp: 752573
Ion Ratio Lower Upper
202 100
101 12.7 10.9 16.3
100 10.1 8.9 13.3





#21
Benzo(a)anthracene
Concen: 7.351 ng/ul
RT: 21.380 min Scan# 4161
Delta R.T. -0.016 min
Lab File: BM039732.D
Acq: 28 Apr 2023 12:38

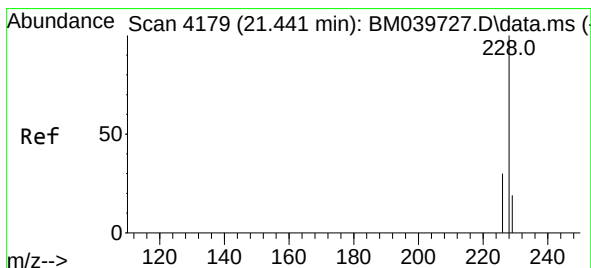
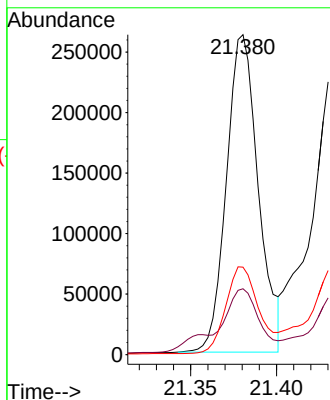
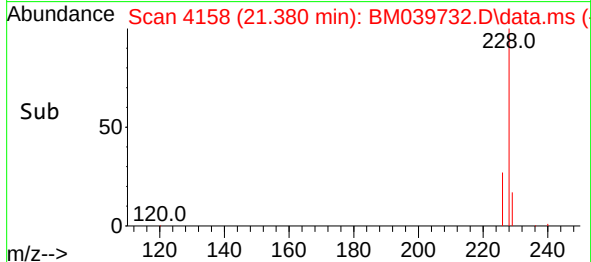
Instrument :
BNA_M
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Tgt Ion:228 Resp: 338908
Ion Ratio Lower Upper
228 100
229 20.6 16.2 24.2
226 27.3 21.6 32.4

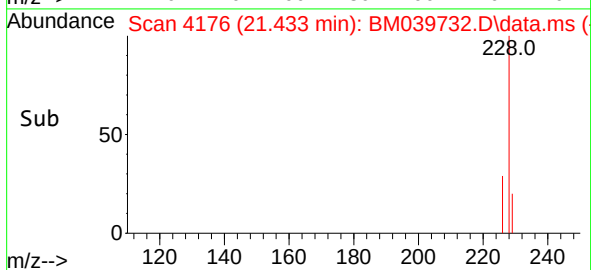
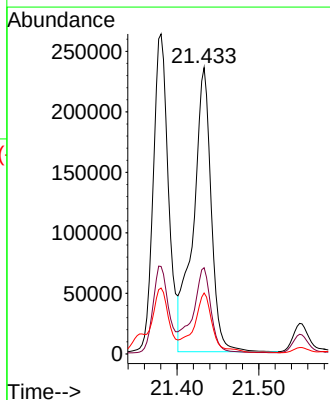
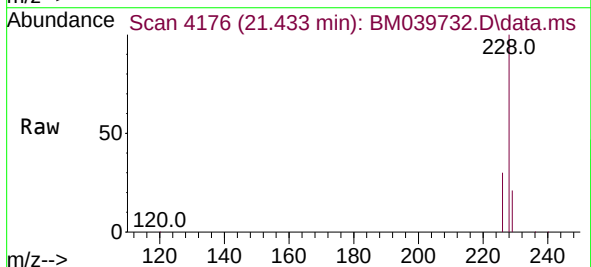
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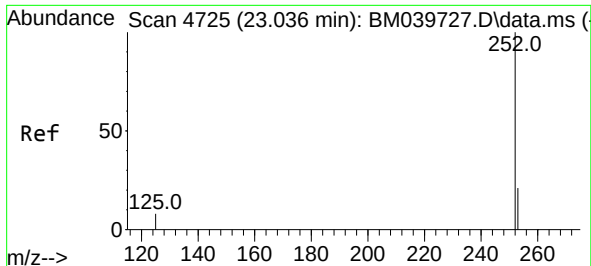
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#22
Chrysene
Concen: 6.827 ng/ul
RT: 21.433 min Scan# 4176
Delta R.T. -0.013 min
Lab File: BM039732.D
Acq: 28 Apr 2023 12:38

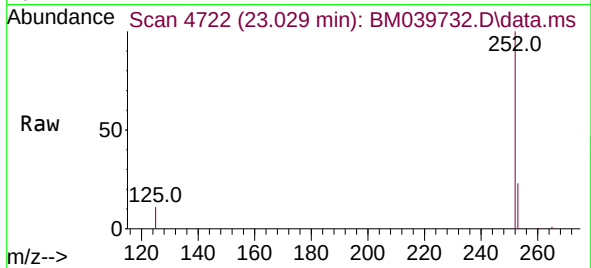
Tgt Ion:228 Resp: 356216
Ion Ratio Lower Upper
228 100
226 30.1 24.3 36.5
229 21.3 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 8.925 ng/ul
RT: 23.029 min Scan# 4722
Delta R.T. -0.016 min
Lab File: BM039732.D
Acq: 28 Apr 2023 12:38

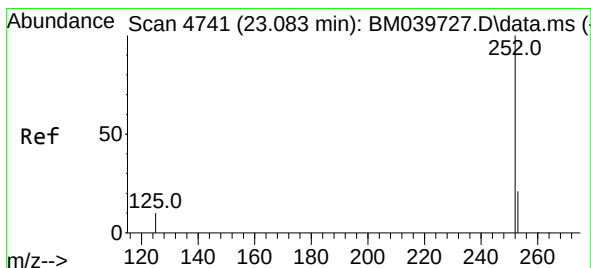
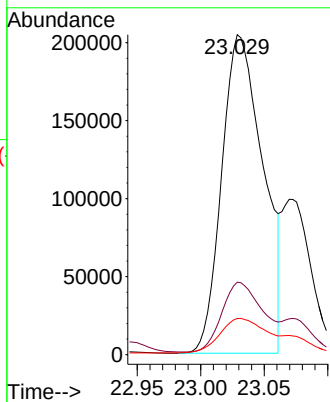
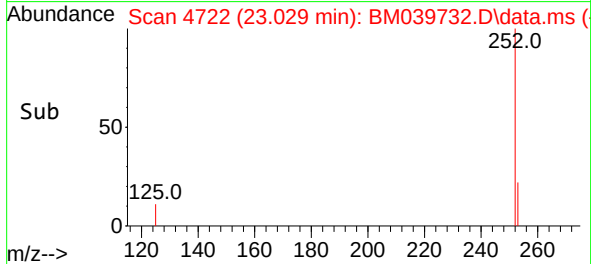
Instrument :
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ClientSampleId :
EW8Z5DL



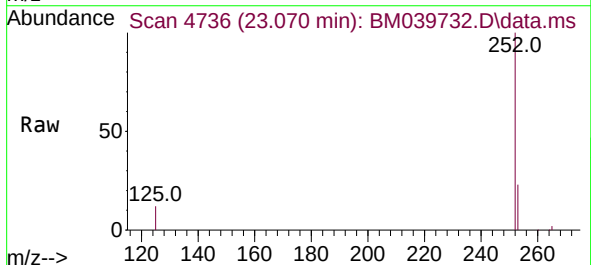
Tgt Ion:252 Resp: 461709
Ion Ratio Lower Upper
252 100
253 22.6 0.0 52.8
125 11.3 0.0 31.6

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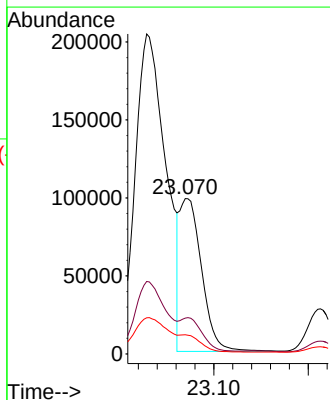
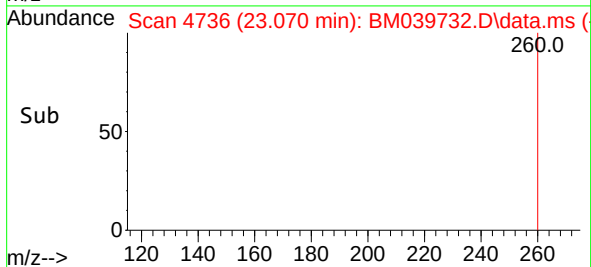
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

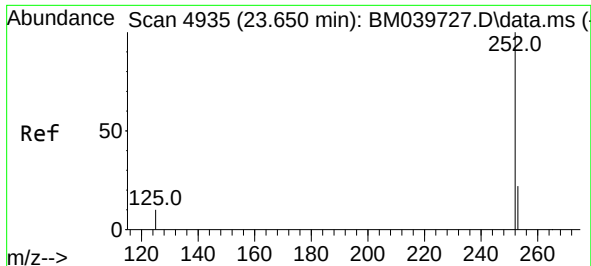


#25
Benzo(k)fluoranthene
Concen: 3.015 ng/ul m
RT: 23.070 min Scan# 4736
Delta R.T. -0.025 min
Lab File: BM039732.D
Acq: 28 Apr 2023 12:38



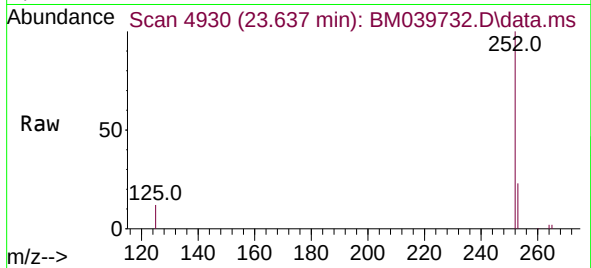
Tgt Ion:252 Resp: 158786
Ion Ratio Lower Upper
252 100
253 23.0 21.3 31.9
125 12.4 13.0 19.6#





#26
Benzo(a)pyrene
Concen: 5.951 ng/ul
RT: 23.637 min Scan# 4930
Delta R.T. -0.028 min
Lab File: BM039732.D
Acq: 28 Apr 2023 12:38

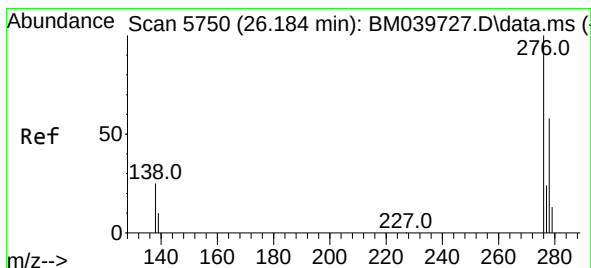
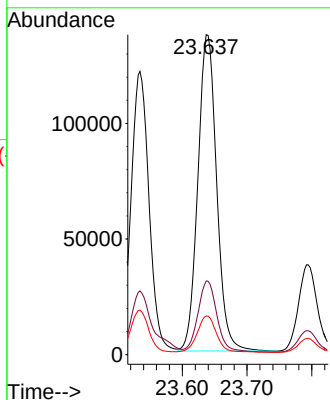
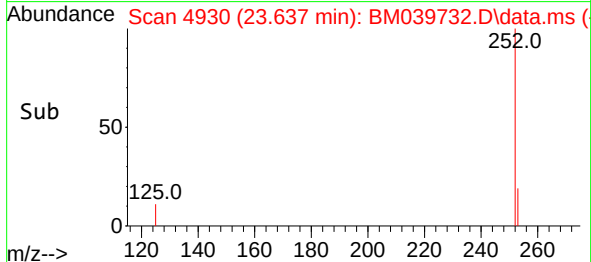
Instrument :
BNA_M
ClientSampleId :
EW8Z5DL



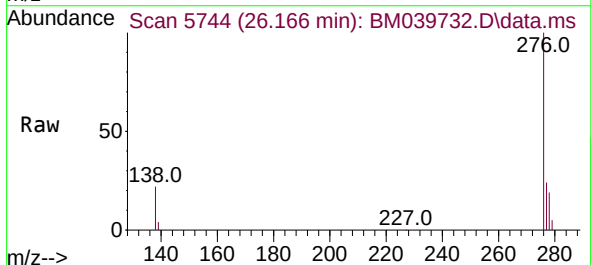
Tgt Ion:252 Resp: 276413
Ion Ratio Lower Upper
252 100
253 23.0 24.7 37.1
125 12.1 16.5 24.7

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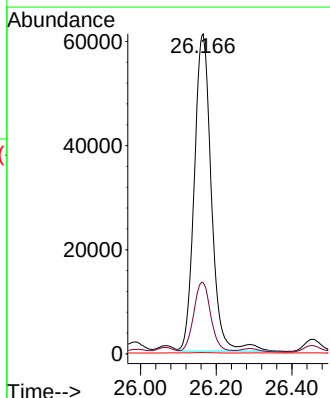
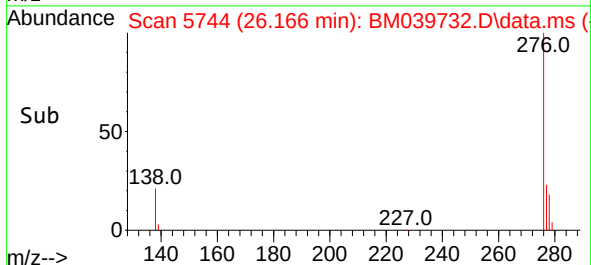
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

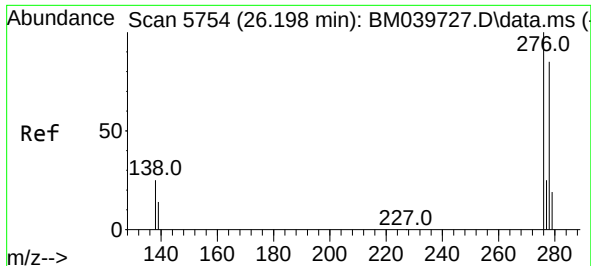


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.244 ng/ul
RT: 26.166 min Scan# 5744
Delta R.T. -0.035 min
Lab File: BM039732.D
Acq: 28 Apr 2023 12:38



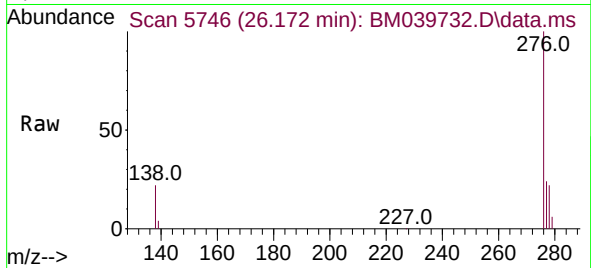
Tgt Ion:276 Resp: 190539
Ion Ratio Lower Upper
276 100
138 21.5 21.1 31.7
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.948 ng/ul
RT: 26.172 min Scan# 51
Delta R.T. -0.045 min
Lab File: BM039732.D
Acq: 28 Apr 2023 12:38

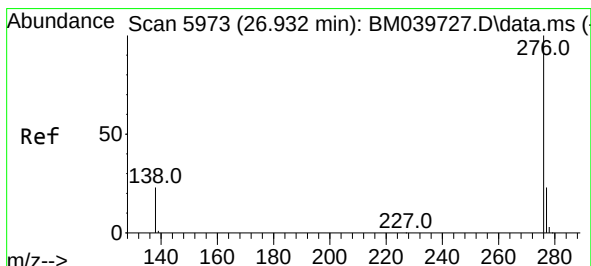
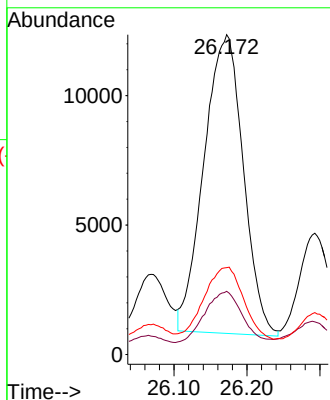
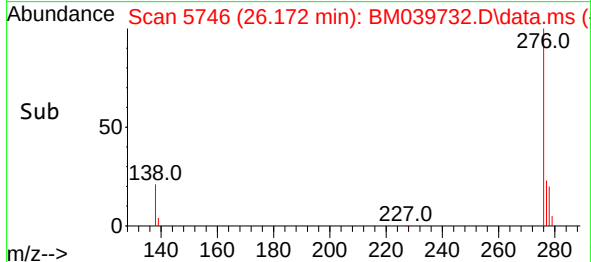
Instrument :
BNA_M
ClientSampleId :
EW8Z5DL



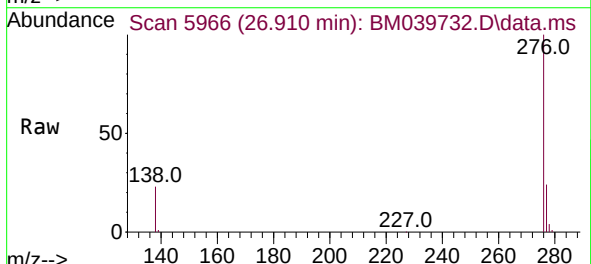
Tgt Ion: 278 Resp: 43215
Ion Ratio Lower Upper
278 100
139 19.8 17.0 25.6
279 27.2 23.4 35.2

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 3.091 ng/ul
RT: 26.910 min Scan# 5966
Delta R.T. -0.039 min
Lab File: BM039732.D
Acq: 28 Apr 2023 12:38



Tgt Ion: 276 Resp: 158168
Ion Ratio Lower Upper
276 100
138 23.4 20.1 30.1
277 24.2 20.1 30.1

