

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
 Data File : BM037193.D
 Acq On : 22 Oct 2022 07:12
 Operator : CG/JU
 Sample : N5064-02DL 5X
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BJ2DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

Quant Time: Oct 22 11:39:15 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:34:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	4793	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	14787	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.530	164	8866	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.268	188	18996	0.400	ng/ul	0.00
17) Chrysene-d12	21.446	240	16049	0.400	ng/ul	0.00
23) Perylene-d12	23.814	264	14065	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	4698	0.804	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	1207	0.057	ng/ul	0.00
18) Fluoranthene-d10	19.295	212	3057	0.063	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.749	128	9752	0.223	ng/ul	99
7) 2-Methylnaphthalene	12.360	142	7750	0.295	ng/ul	97
8) 1-Methylnaphthalene	12.580	142	6001	0.224	ng/ul	100
10) Acenaphthylene	14.247	152	3564	0.094	ng/ul#	89
15) Phenanthrene	17.310	178	13733	0.214	ng/ul	99
16) Anthracene	17.403	178	2353	0.046	ng/ul#	87
19) Fluoranthene	19.323	202	24515	0.352	ng/ul	99
20) Pyrene	19.685	202	23446	0.332	ng/ul	99
21) Benzo(a)anthracene	21.429	228	13854	0.222	ng/ul	95
22) Chrysene	21.481	228	15815	0.221	ng/ul	96
24) Benzo(b)fluoranthene	23.095	252	22377	0.300	ng/ul	91
25) Benzo(k)fluoranthene	23.136	252	8452m	0.117	ng/ul	
26) Benzo(a)pyrene	23.709	252	13009	0.217	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.265	276	9630	0.115	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.275	278	2394	0.036	ng/ul#	44
29) Benzo(g,h,i)perylene	27.020	276	8474	0.115	ng/ul	93

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

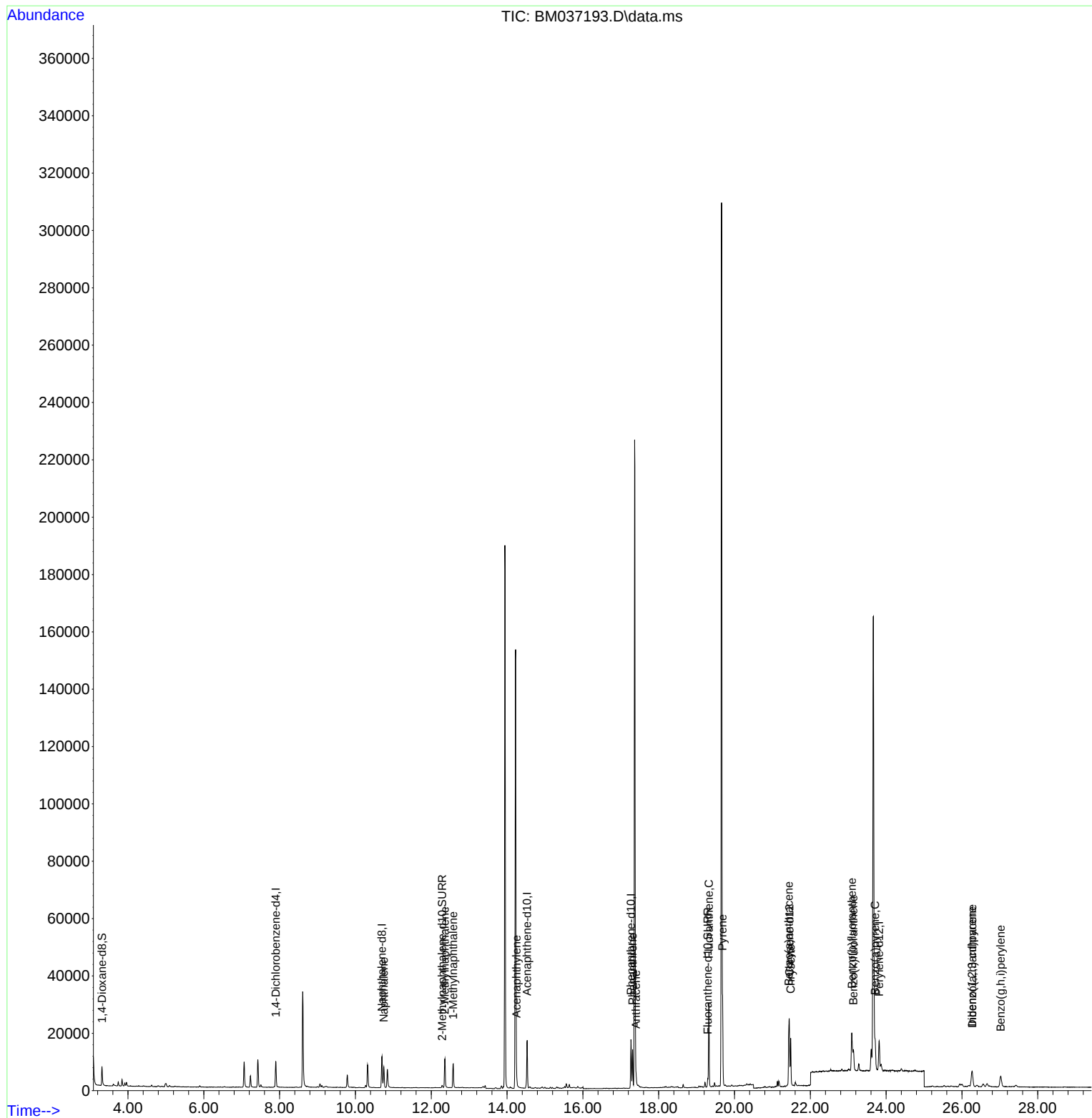
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
Data File : BM037193.D
Acq On : 22 Oct 2022 07:12
Operator : CG/JU
Sample : N5064-02DL 5X
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ALS Vial : 65 Sample Multiplier: 1

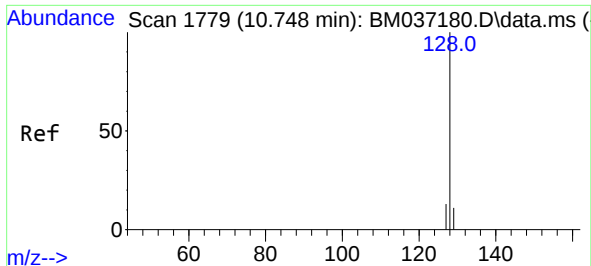
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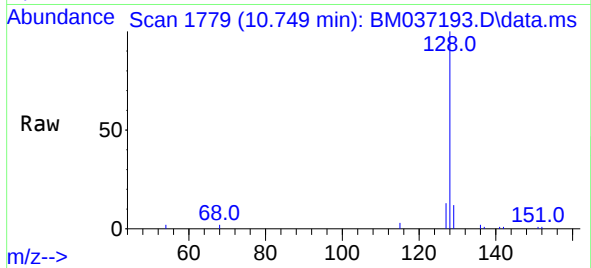
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:34:37 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.223 ng/u1
RT: 10.749 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM037193.D
Acq: 22 Oct 2022 07:12

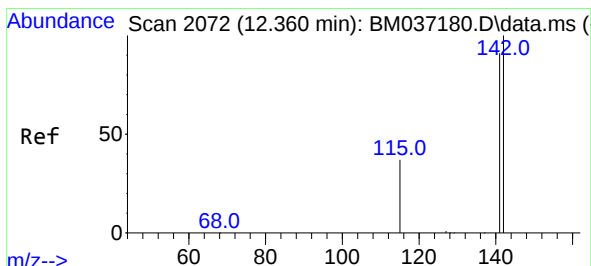
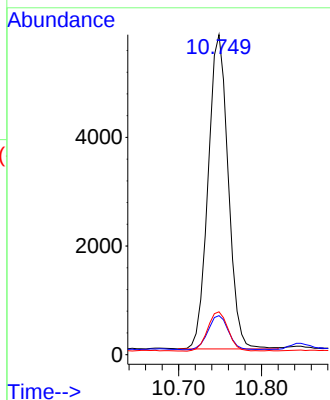
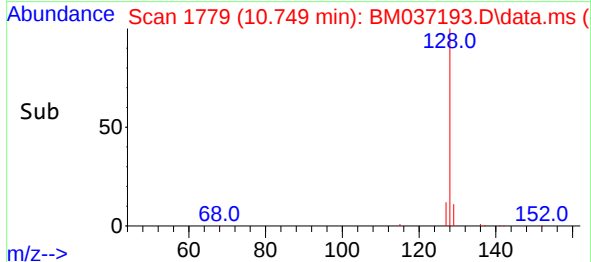
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BNA_M
ClientSampleId :
C0BJ2DL



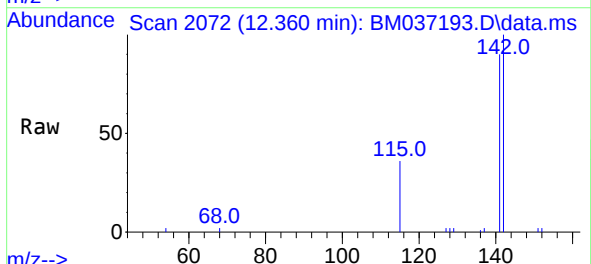
Tgt Ion:128 Resp: 9752
Ion Ratio Lower Upper
128 100
129 12.2 9.3 13.9
127 13.4 10.5 15.7

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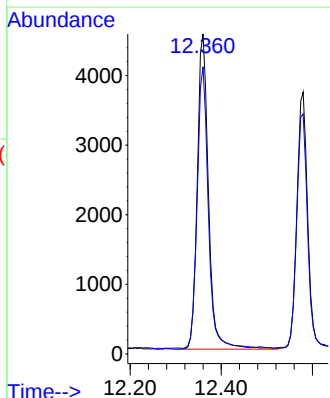
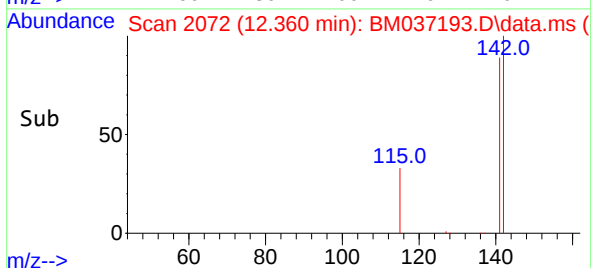
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

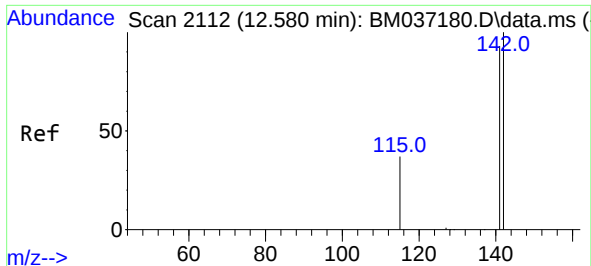


#7
2-Methylnaphthalene
Concen: 0.295 ng/u1
RT: 12.360 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM037193.D
Acq: 22 Oct 2022 07:12



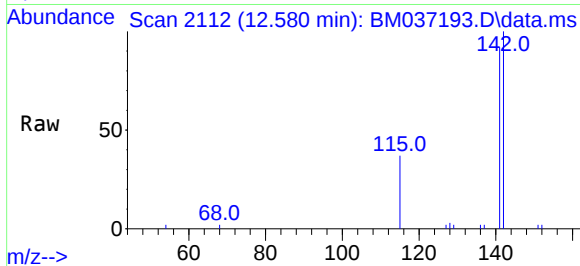
Tgt Ion:142 Resp: 7750
Ion Ratio Lower Upper
142 100
141 88.1 72.8 109.2





#8
1-Methylnaphthalene
Concen: 0.224 ng/ul
RT: 12.580 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BM037193.D
Acq: 22 Oct 2022 07:12

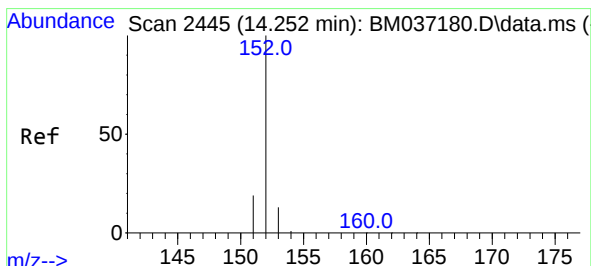
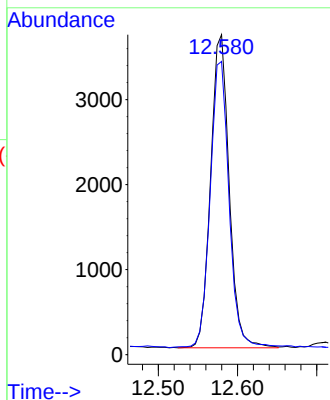
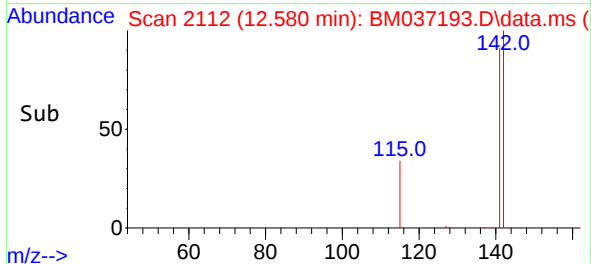
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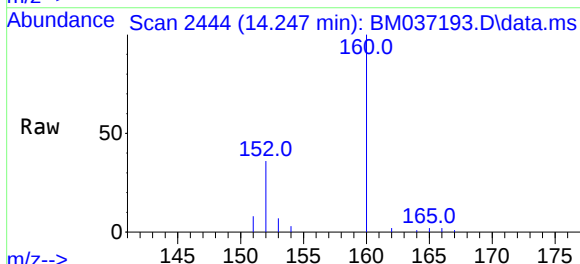
Tgt Ion:142 Resp: 600
Ion Ratio Lower Upper
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141 93.2 74.2 111.4

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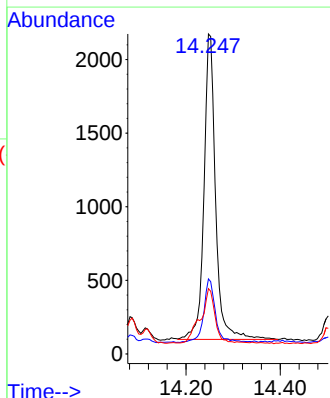
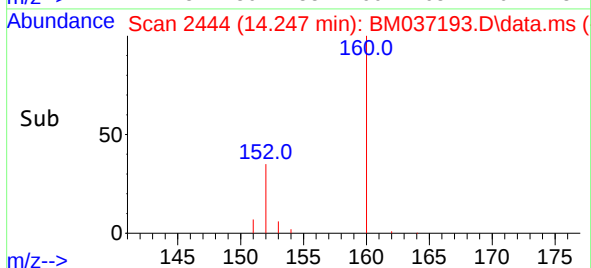
Reviewed By :Jagrut Upadhyay 10/24/2022
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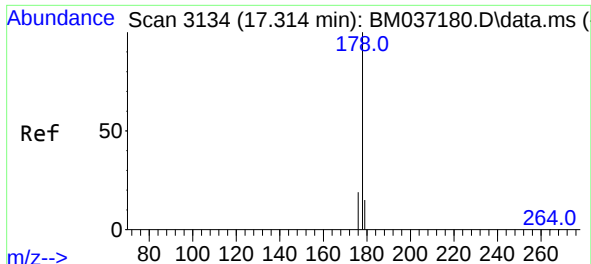


#10
Acenaphthylene
Concen: 0.094 ng/ul
RT: 14.247 min Scan# 2444
Delta R.T. -0.005 min
Lab File: BM037193.D
Acq: 22 Oct 2022 07:12



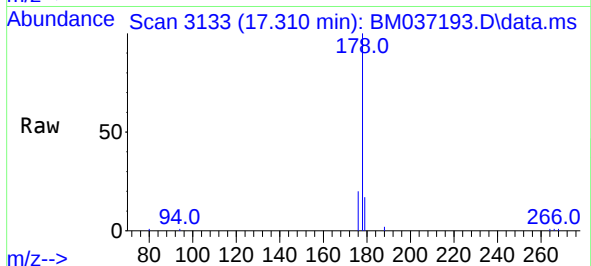
Tgt Ion:152 Resp: 3564
Ion Ratio Lower Upper
152 100
151 23.5 16.2 24.2
153 20.4 10.8 16.2#





#15
Phenanthrene
Concen: 0.214 ng/u1
RT: 17.310 min Scan# 3134
Delta R.T. -0.004 min
Lab File: BM037193.D
Acq: 22 Oct 2022 07:12

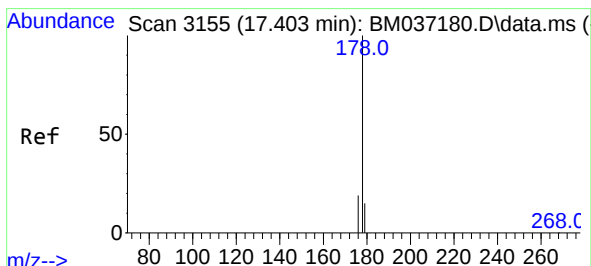
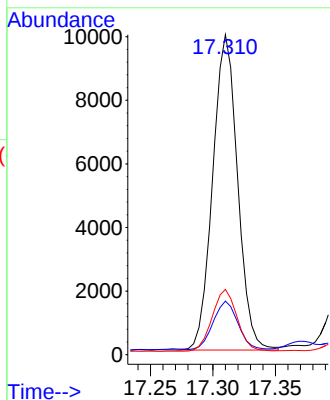
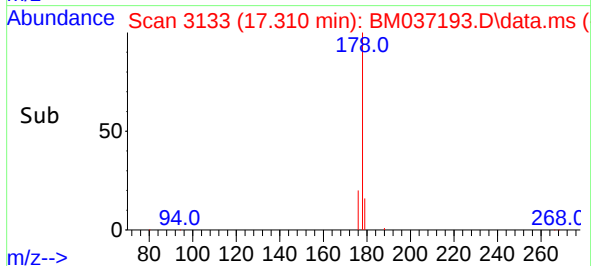
Instrument :
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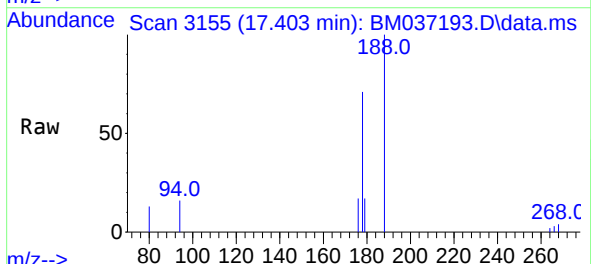
Tgt Ion:178 Resp: 13733
Ion Ratio Lower Upper
178 100
179 16.8 13.0 19.6
176 20.4 16.1 24.1

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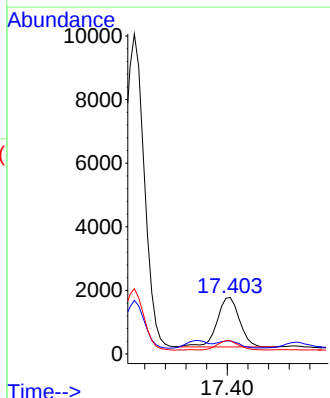
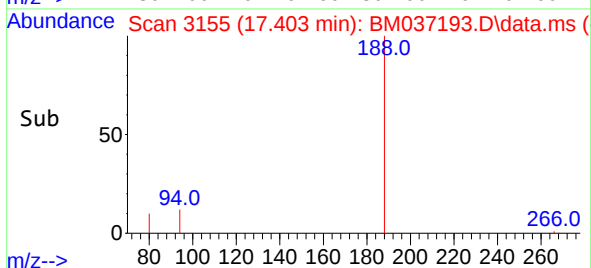
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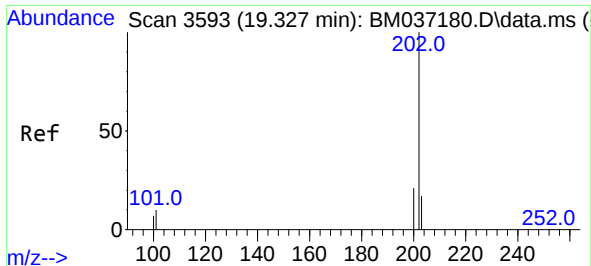


#16
Anthracene
Concen: 0.046 ng/u1
RT: 17.403 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BM037193.D
Acq: 22 Oct 2022 07:12



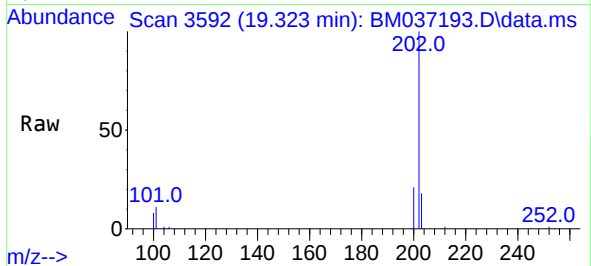
Tgt Ion:178 Resp: 2353
Ion Ratio Lower Upper
178 100
179 23.4 13.1 19.7#
176 23.5 15.3 22.9#





#19
Fluoranthene
Concen: 0.352 ng/u1
RT: 19.323 min Scan# 3592
Delta R.T. -0.005 min
Lab File: BM037193.D
Acq: 22 Oct 2022 07:12

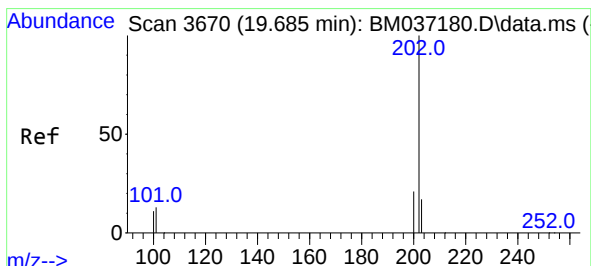
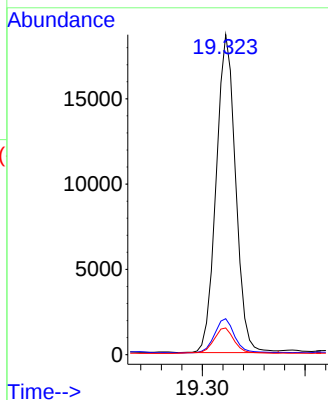
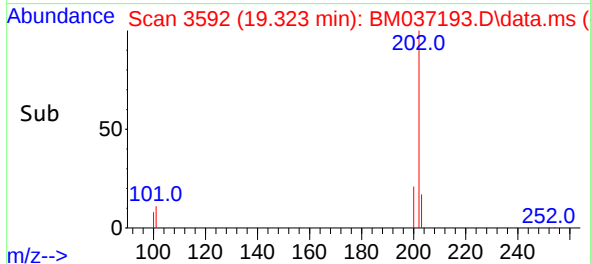
Instrument :
BNA_M
ClientSampleId :
C0BJ2DL



Tgt Ion:202 Resp: 2451
Ion Ratio Lower Upper
202 100
101 11.2 8.9 13.3
100 8.3 6.9 10.3

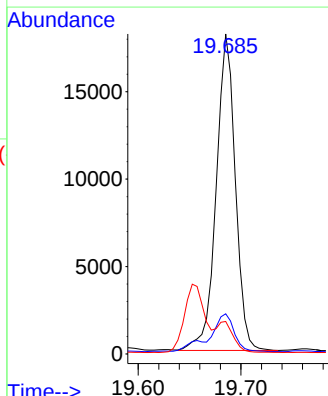
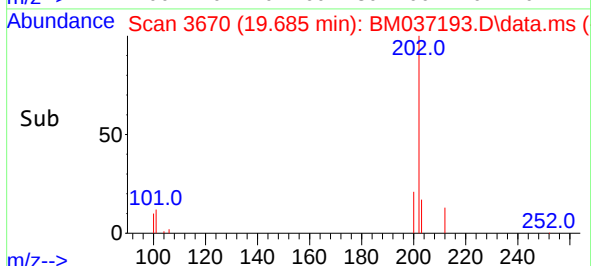
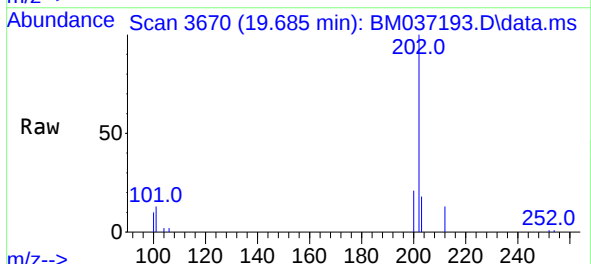
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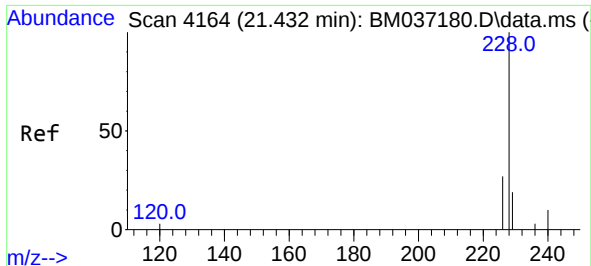
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#20
Pyrene
Concen: 0.332 ng/u1
RT: 19.685 min Scan# 3670
Delta R.T. 0.000 min
Lab File: BM037193.D
Acq: 22 Oct 2022 07:12

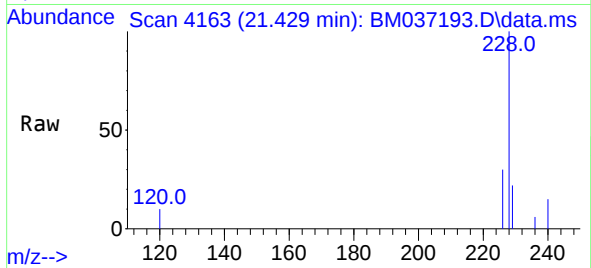
Tgt Ion:202 Resp: 23446
Ion Ratio Lower Upper
202 100
101 12.6 9.7 14.5
100 10.1 7.8 11.8





#21
Benzo(a)anthracene
Concen: 0.222 ng/ul
RT: 21.429 min Scan# 4163
Delta R.T. -0.003 min
Lab File: BM037193.D
Acq: 22 Oct 2022 07:12

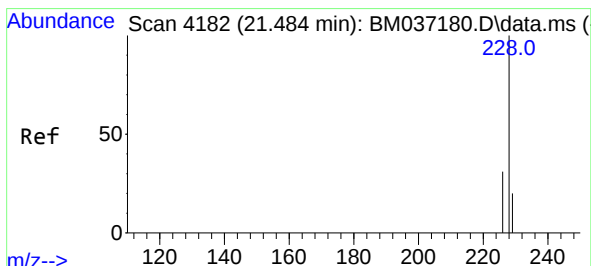
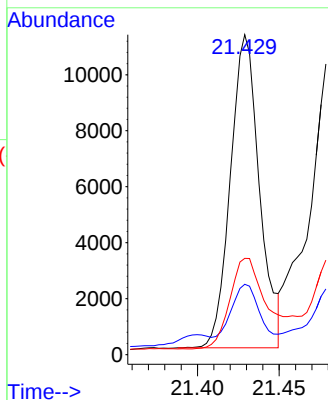
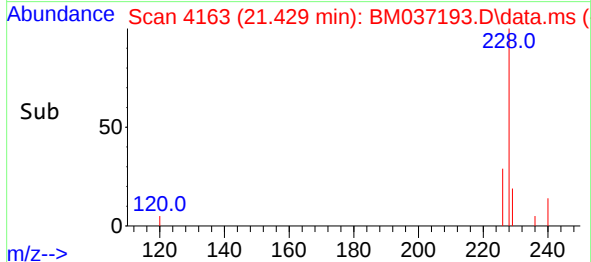
Instrument :
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ClientSampleId :
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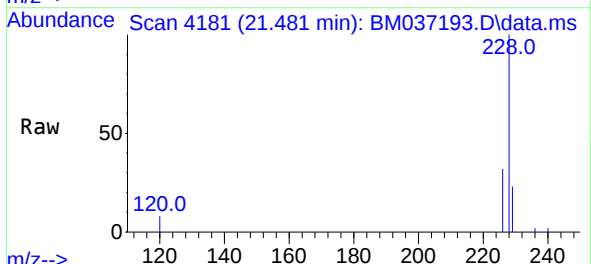
Tgt Ion:228 Resp: 13854
Ion Ratio Lower Upper
228 100
229 22.0 15.8 23.6
226 30.1 21.8 32.8

Manual Integrations
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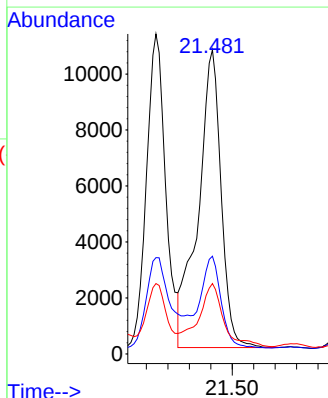
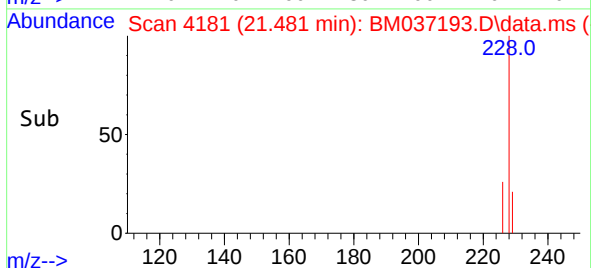
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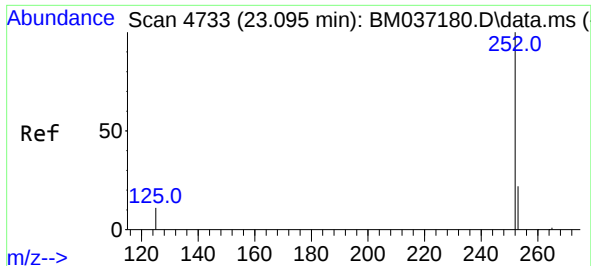


#22
Chrysene
Concen: 0.221 ng/ul
RT: 21.481 min Scan# 4181
Delta R.T. -0.003 min
Lab File: BM037193.D
Acq: 22 Oct 2022 07:12



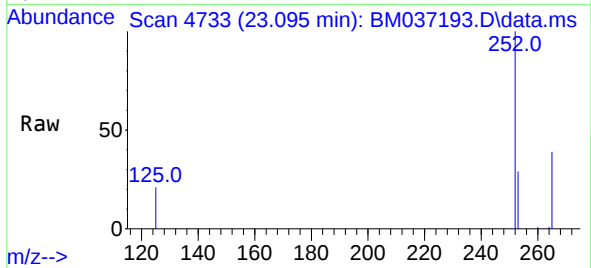
Tgt Ion:228 Resp: 15815
Ion Ratio Lower Upper
228 100
226 32.1 24.8 37.2
229 23.2 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.300 ng/ul
RT: 23.095 min Scan# 4733
Delta R.T. 0.000 min
Lab File: BM037193.D
Acq: 22 Oct 2022 07:12

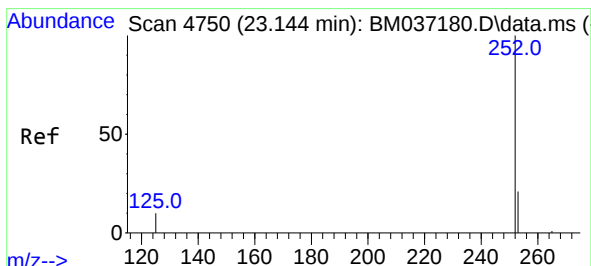
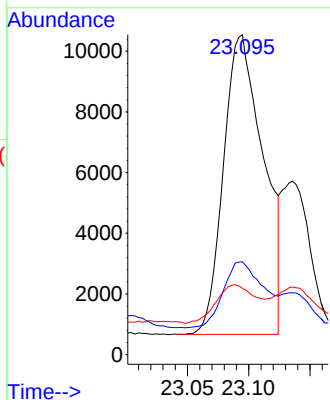
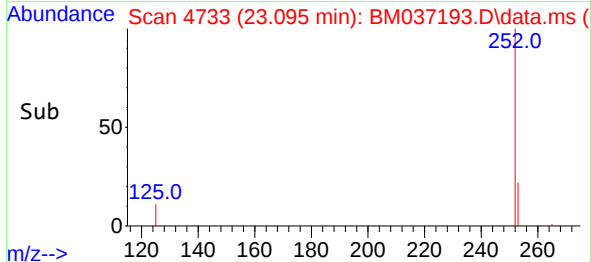
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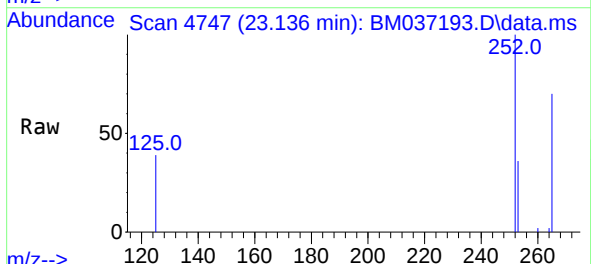
Tgt Ion:252 Resp: 2237
Ion Ratio Lower Upper
252 100
253 29.1 0.0 50.6
125 20.8 0.0 32.6

Manual Integrations
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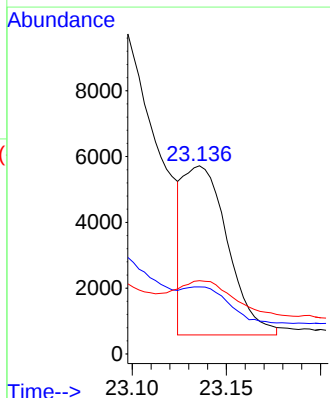
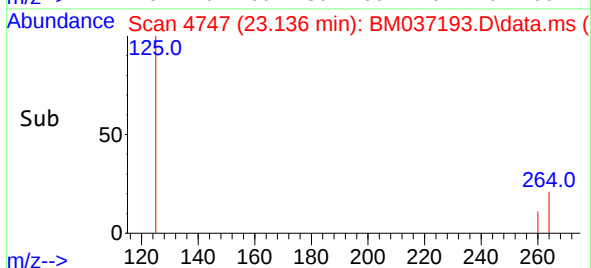
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

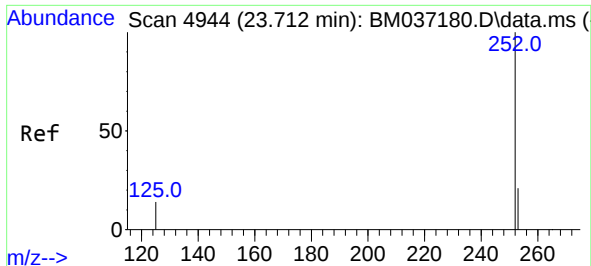


#25
Benzo(k)fluoranthene
Concen: 0.117 ng/ul m
RT: 23.136 min Scan# 4747
Delta R.T. -0.009 min
Lab File: BM037193.D
Acq: 22 Oct 2022 07:12



Tgt Ion:252 Resp: 8452
Ion Ratio Lower Upper
252 100
253 35.7 20.6 30.8#
125 39.0 13.3 19.9#





#26
Benzo(a)pyrene
Concen: 0.217 ng/ul
RT: 23.709 min Scan# 4944
Delta R.T. -0.003 min
Lab File: BM037193.D
Acq: 22 Oct 2022 07:12

Instrument :

BNA_M

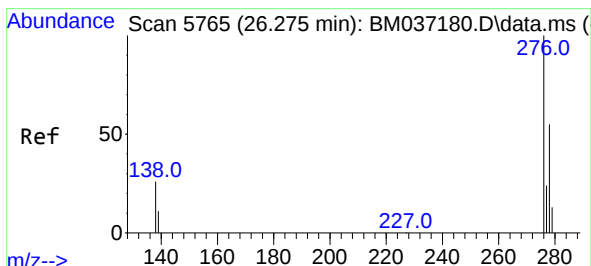
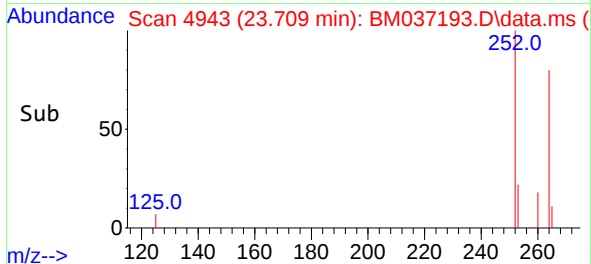
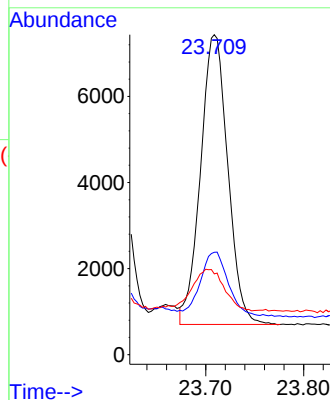
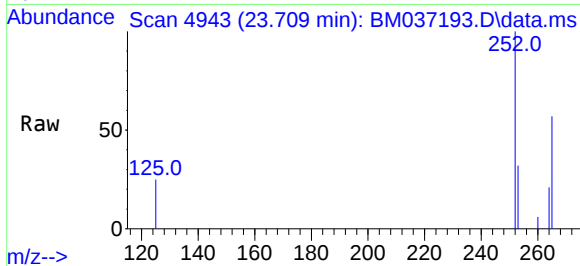
ClientSampleId :

C0BJ2DL

Tgt Ion:252 Resp: 13009
Ion Ratio Lower Upper
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253 32.0 22.1 33.1
125 25.2 17.6 26.4

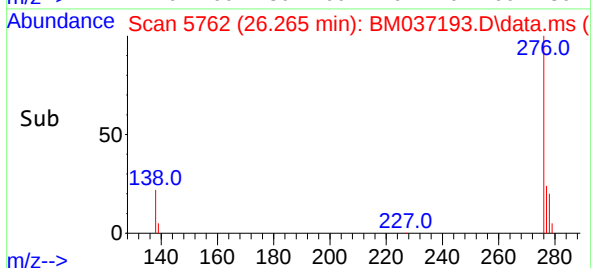
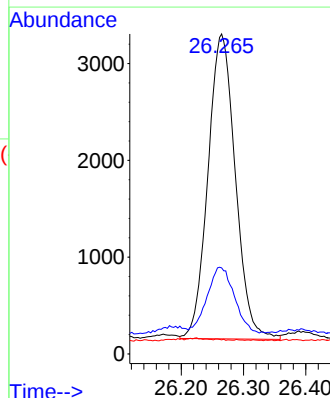
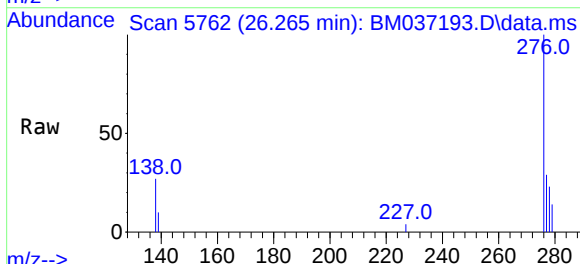
Manual Integrations
APPROVED

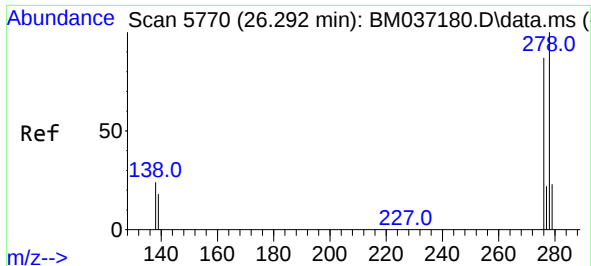
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.115 ng/ul
RT: 26.265 min Scan# 5762
Delta R.T. -0.010 min
Lab File: BM037193.D
Acq: 22 Oct 2022 07:12

Tgt Ion:276 Resp: 9630
Ion Ratio Lower Upper
276 100
138 21.6 21.4 32.0
227 0.2 0.1 0.1#





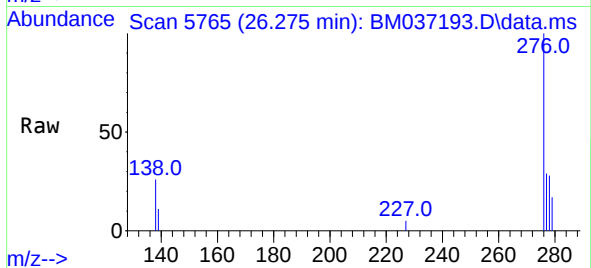
#28
Dibenzo(a,h)anthracene
Concen: 0.036 ng/ul
RT: 26.275 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM037193.D
Acq: 22 Oct 2022 07:12

Instrument :

BNA_M

ClientSampleId :

C0BJ2DL

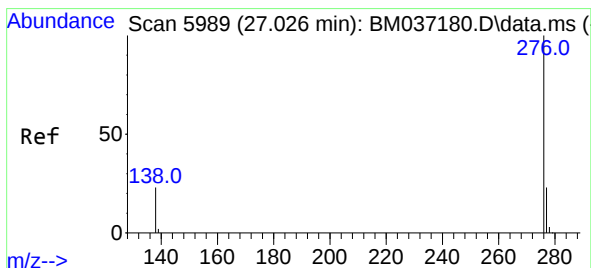
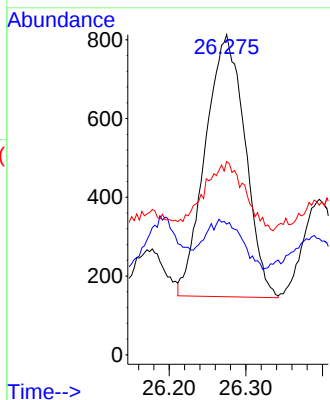
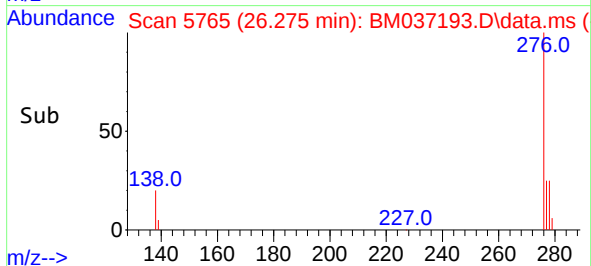


Tgt Ion:278 Resp: 2394
Ion Ratio Lower Upper
278 100
139 40.8 16.3 24.5
279 60.4 21.5 32.3

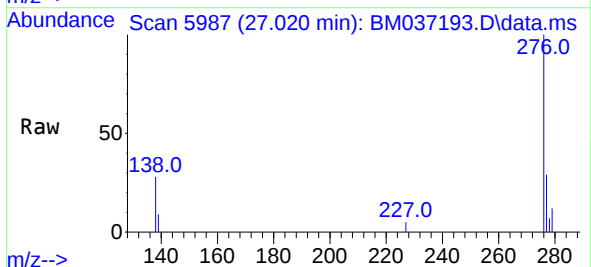
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#29
Benzo(g,h,i)perylene
Concen: 0.115 ng/ul
RT: 27.020 min Scan# 5987
Delta R.T. -0.007 min
Lab File: BM037193.D
Acq: 22 Oct 2022 07:12



Tgt Ion:276 Resp: 8474
Ion Ratio Lower Upper
276 100
138 28.1 19.8 29.8
277 28.8 20.1 30.1

