

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038211.D
 Acq On : 22 Dec 2022 23:09
 Operator : CG/JU
 Sample : N6009-03DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXZ1DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

Quant Time: Dec 23 01:49:45 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 23:36:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.042	152	4426	0.400	ng/ul	0.00	
4) Naphthalene-d8	10.851	136	13482	0.400	ng/ul	0.00	
9) Acenaphthene-d10	14.666	164	7362	0.400	ng/ul	0.00	
13) Phenanthrene-d10	17.405	188	14409	0.400	ng/ul	0.00	
17) Chrysene-d12	21.571	240	9151	0.400	ng/ul	0.00	
23) Perylene-d12	24.020	264	9258	0.400	ng/ul	0.00	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.397	96	3248	0.721	ng/ul	0.00	
6) 2-Methylnaphthalene-d10	12.434	152	906	0.046	ng/ul	0.00	
18) Fluoranthene-d10	19.422	212	1598	0.047	ng/ul	0.00	
Target Compounds							
							Qvalue
5) Naphthalene	10.900	128	2271	0.057	ng/ul#		93
7) 2-Methylnaphthalene	12.506	142	675	0.027	ng/ul		98
10) Acenaphthylene	14.388	152	2307	0.057	ng/ul#		89
11) Acenaphthene	14.726	153	1689	0.058	ng/ul		96
12) Fluorene	15.712	166	1201	0.038	ng/ul#		93
15) Phenanthrene	17.447	178	39493	0.819	ng/ul		99
16) Anthracene	17.535	178	5329	0.115	ng/ul		95
19) Fluoranthene	19.454	202	64980	1.296	ng/ul		99
20) Pyrene	19.817	202	52666m	1.040	ng/ul		
21) Benzo(a)anthracene	21.553	228	22964	0.572	ng/ul		98
22) Chrysene	21.609	228	28224	0.722	ng/ul		99
24) Benzo(b)fluoranthene	23.269	252	38772	0.946	ng/ul		96
25) Benzo(k)fluoranthene	23.316	252	12531m	0.318	ng/ul		
26) Benzo(a)pyrene	23.912	252	23409	0.655	ng/ul		94
27) Indeno(1,2,3-cd)pyrene	26.575	276	18710	0.377	ng/ul#		93
28) Dibenzo(a,h)anthracene	26.582	278	4596	0.119	ng/ul#		67
29) Benzo(g,h,i)perylene	27.370	276	17085	0.409	ng/ul		99

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

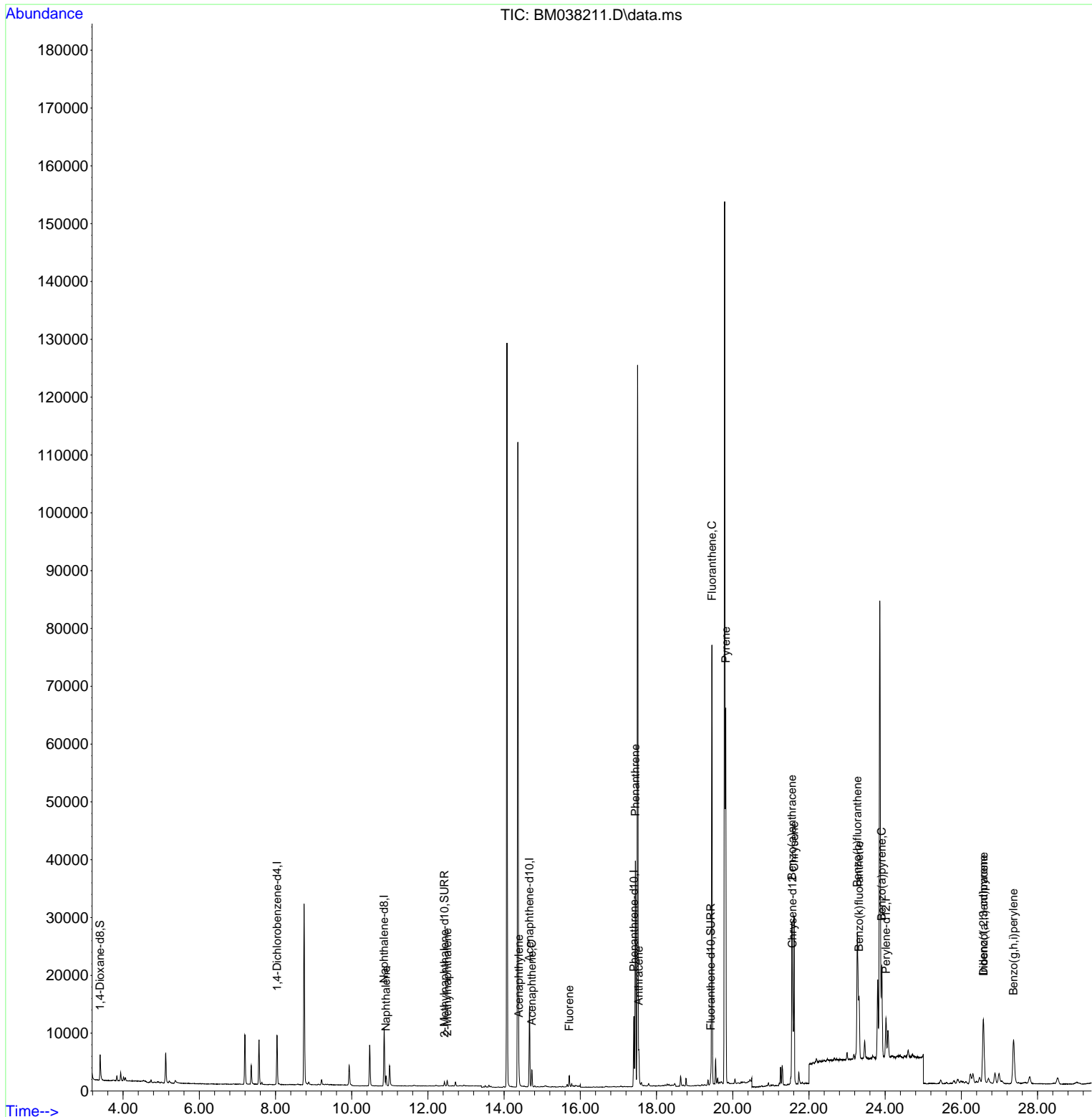
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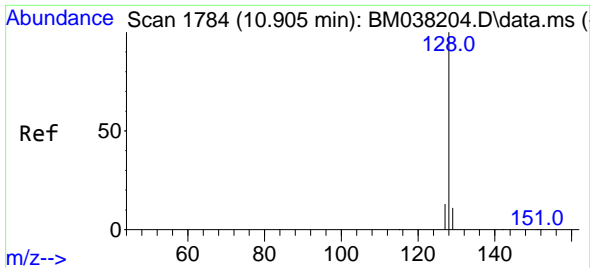
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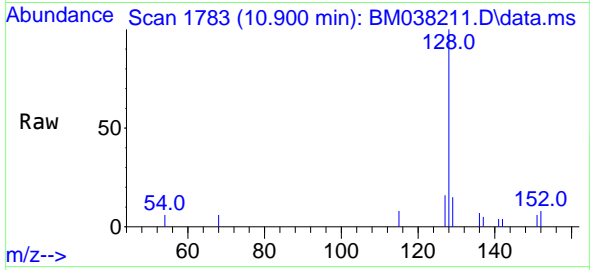
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
 Naphthalene
 Concen: 0.057 ng/u1
 RT: 10.900 min Scan# 11
 Delta R.T. -0.005 min
 Lab File: BM038211.D
 Acq: 22 Dec 2022 23:09

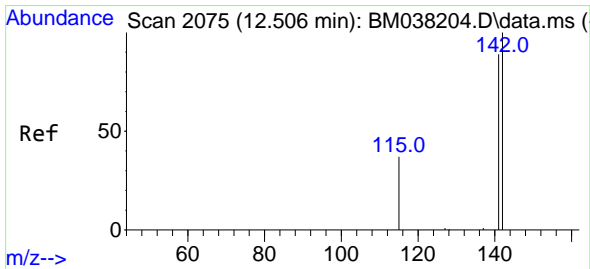
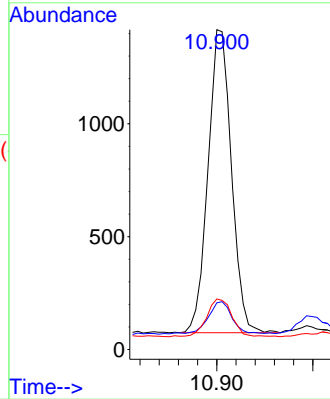
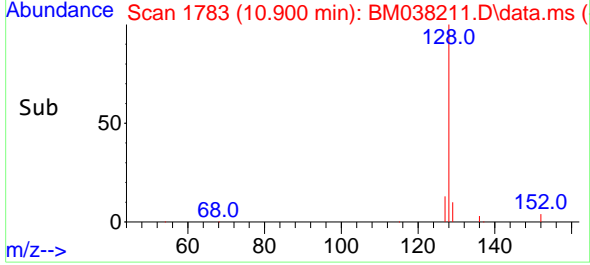
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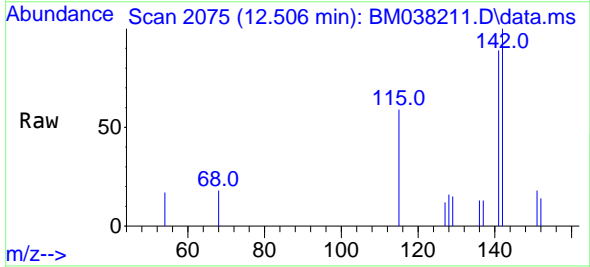
Tgt Ion:128 Resp: 227
 Ion Ratio Lower Upper
 128 100
 129 14.6 9.4 14.0
 127 15.8 10.7 16.1

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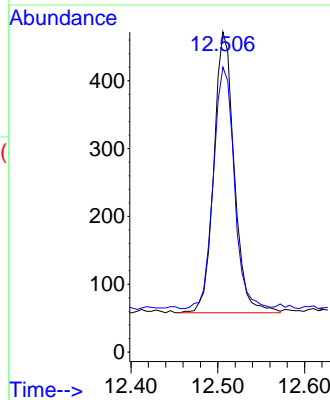
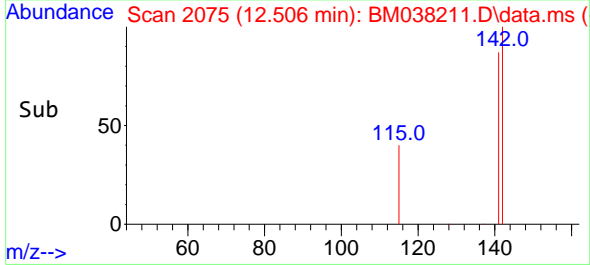
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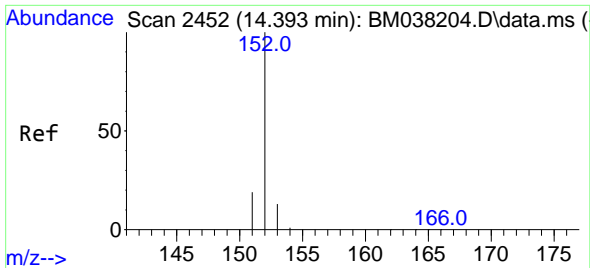


#7
 2-Methylnaphthalene
 Concen: 0.027 ng/u1
 RT: 12.506 min Scan# 2075
 Delta R.T. 0.000 min
 Lab File: BM038211.D
 Acq: 22 Dec 2022 23:09



Tgt Ion:142 Resp: 675
 Ion Ratio Lower Upper
 142 100
 141 88.3 71.9 107.9





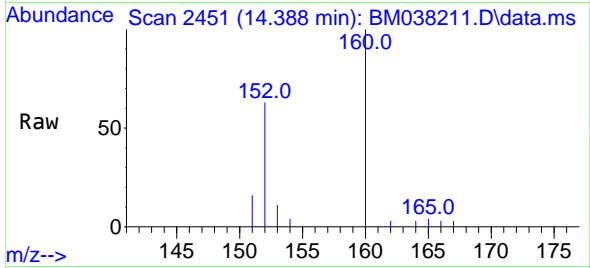
#10
 Acenaphthylene
 Concen: 0.057 ng/u1
 RT: 14.388 min Scan# 2452
 Delta R.T. 0.000 min
 Lab File: BM038211.D
 Acq: 22 Dec 2022 23:09

Instrument :

BNA_M

ClientSampleId :

DBXZ1DL

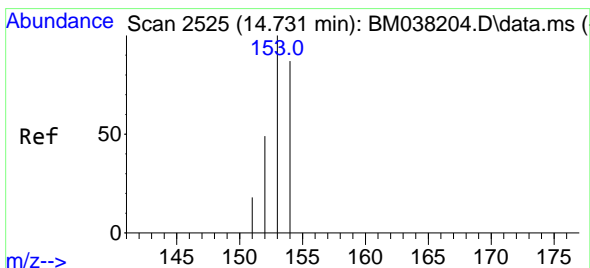
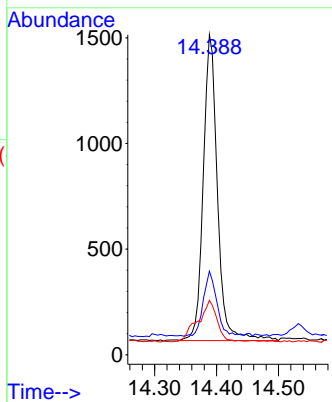
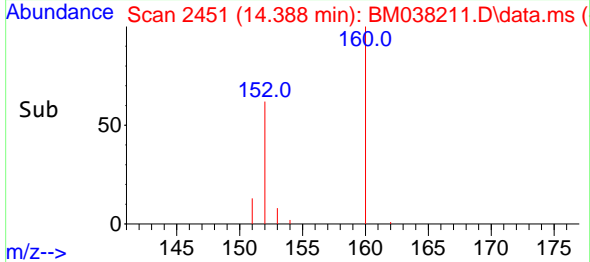


Tgt Ion:152 Resp: 2307
 Ion Ratio Lower Upper
 152 100
 151 26.1 16.2 24.2
 153 17.0 10.7 16.1

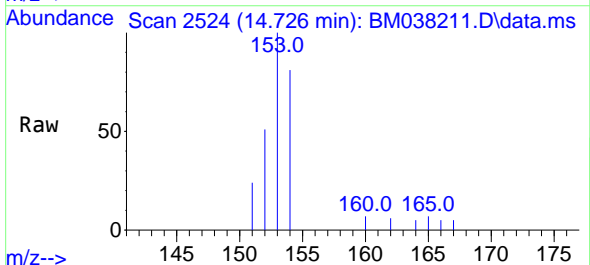
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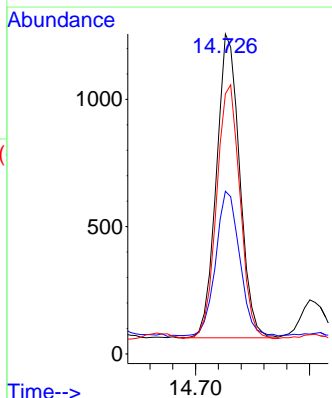
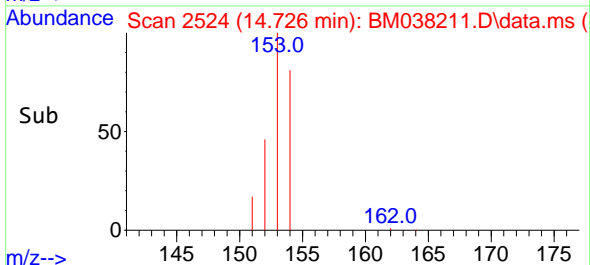
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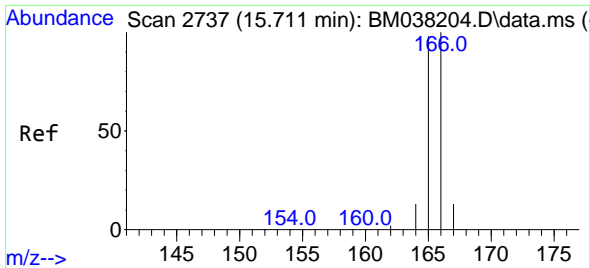


#11
 Acenaphthene
 Concen: 0.058 ng/u1
 RT: 14.726 min Scan# 2524
 Delta R.T. -0.005 min
 Lab File: BM038211.D
 Acq: 22 Dec 2022 23:09



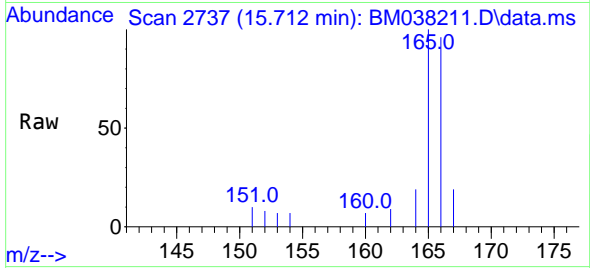
Tgt Ion:153 Resp: 1689
 Ion Ratio Lower Upper
 153 100
 152 50.8 39.4 59.0
 154 81.3 69.0 103.4





#12
 Fluorene
 Concen: 0.038 ng/u1
 RT: 15.712 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM038211.D
 Acq: 22 Dec 2022 23:09

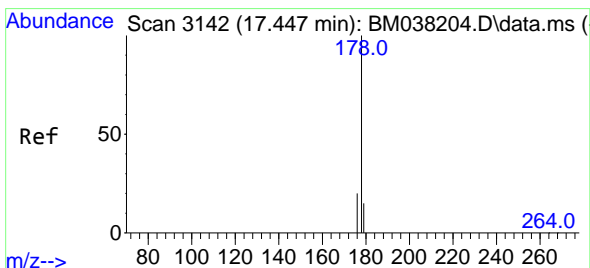
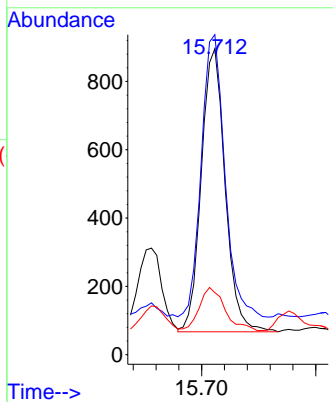
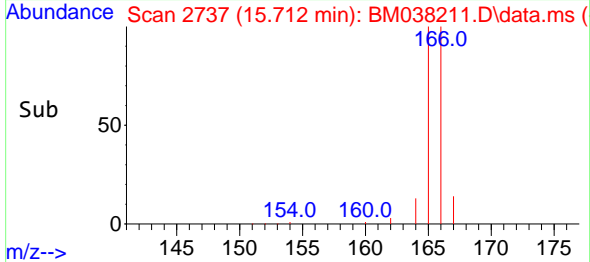
Instrument :
 BNA_M
 ClientSampleId :
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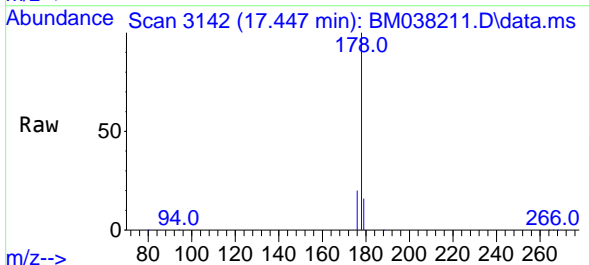
Tgt Ion:166 Resp: 120
 Ion Ratio Lower Upper
 166 100
 165 104.6 79.0 118.6
 167 20.3 11.0 16.6

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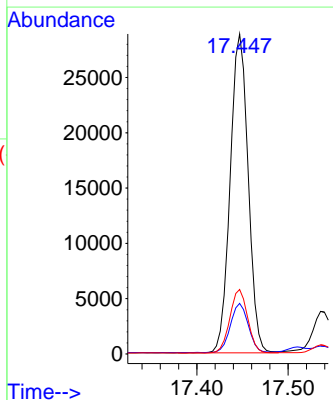
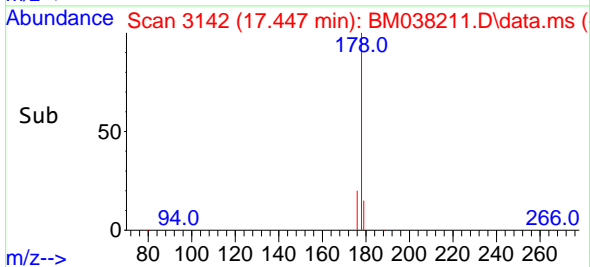
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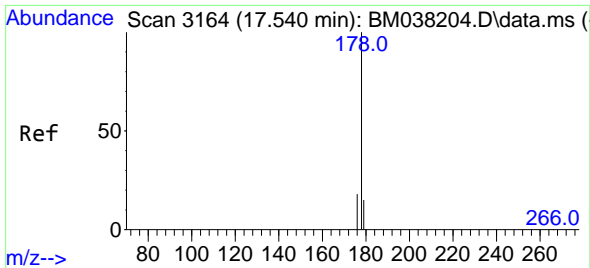


#15
 Phenanthrene
 Concen: 0.819 ng/u1
 RT: 17.447 min Scan# 3142
 Delta R.T. 0.000 min
 Lab File: BM038211.D
 Acq: 22 Dec 2022 23:09



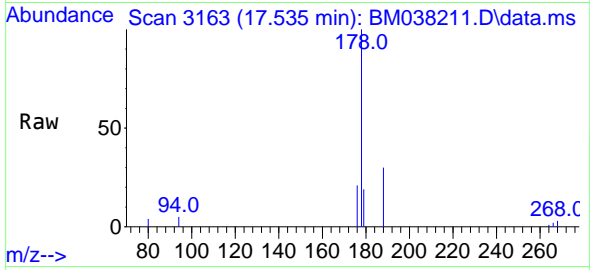
Tgt Ion:178 Resp: 39493
 Ion Ratio Lower Upper
 178 100
 179 15.8 13.0 19.4
 176 20.2 16.2 24.4





#16
 Anthracene
 Concen: 0.115 ng/u1
 RT: 17.535 min Scan# 3163
 Delta R.T. -0.004 min
 Lab File: BM038211.D
 Acq: 22 Dec 2022 23:09

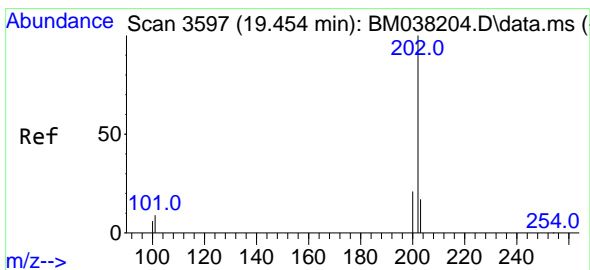
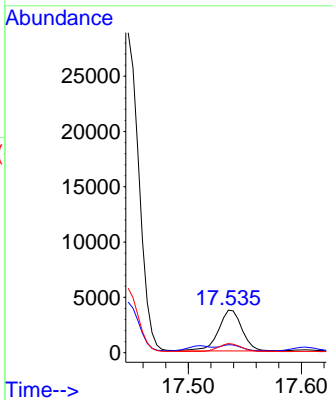
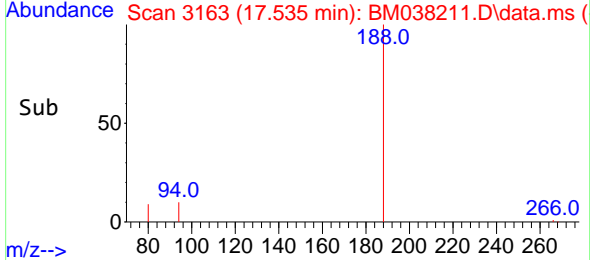
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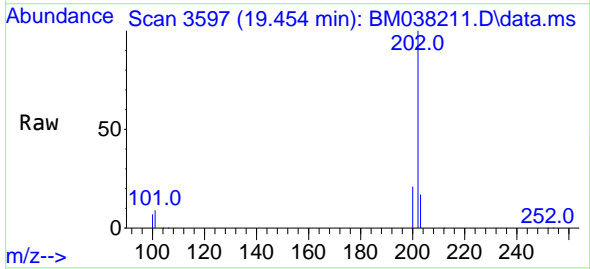
Tgt Ion:178 Resp: 5329
 Ion Ratio Lower Upper
 178 100
 179 18.8 13.0 19.6
 176 21.3 15.6 23.4

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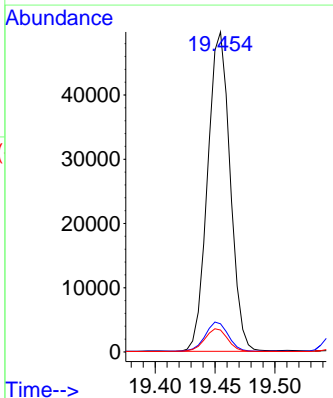
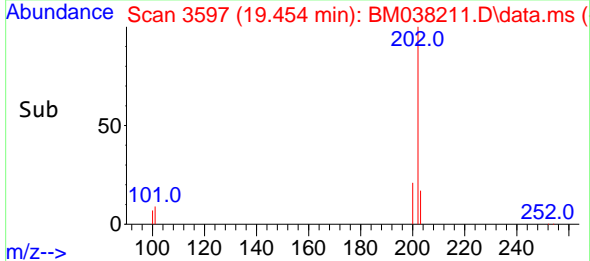
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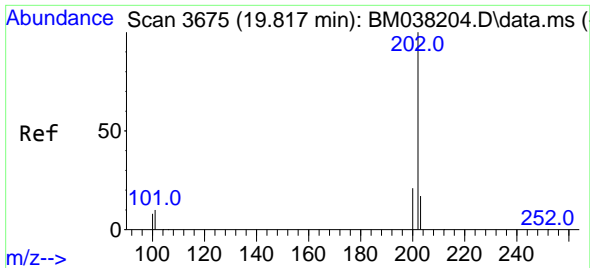


#19
 Fluoranthene
 Concen: 1.296 ng/u1
 RT: 19.454 min Scan# 3597
 Delta R.T. 0.000 min
 Lab File: BM038211.D
 Acq: 22 Dec 2022 23:09



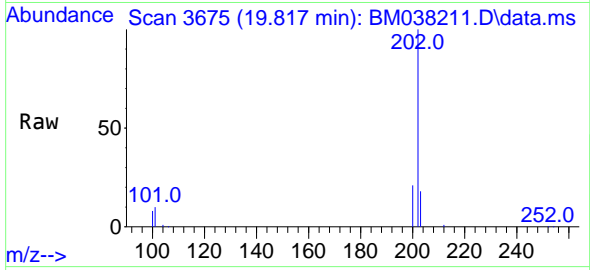
Tgt Ion:202 Resp: 64980
 Ion Ratio Lower Upper
 202 100
 101 8.8 7.5 11.3
 100 6.8 5.6 8.4





#20
 Pyrene
 Concen: 1.040 ng/u1 m
 RT: 19.817 min Scan# 3
 Delta R.T. 0.000 min
 Lab File: BM038211.D
 Acq: 22 Dec 2022 23:09

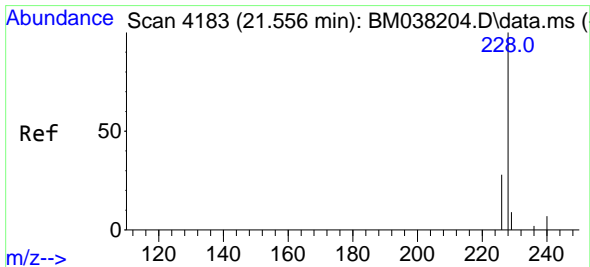
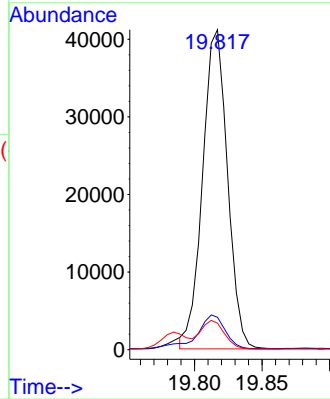
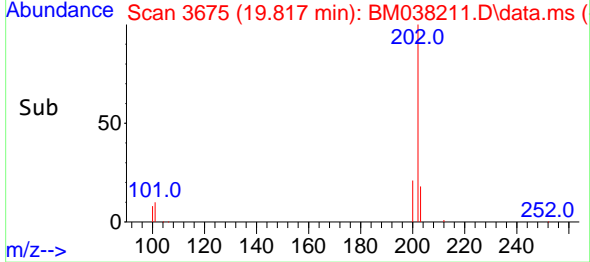
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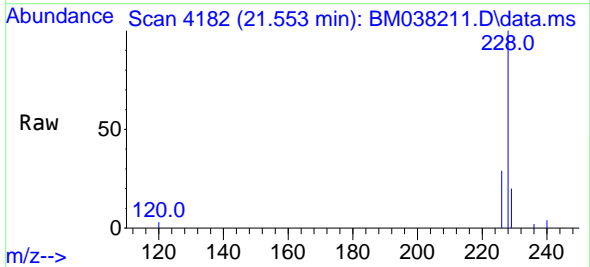
Tgt Ion:202 Resp: 5266
 Ion Ratio Lower Upper
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 101 10.2 8.9 13.3
 100 8.3 7.4 11.0

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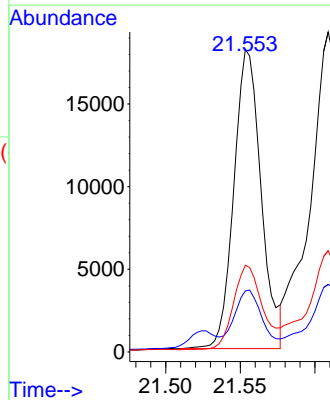
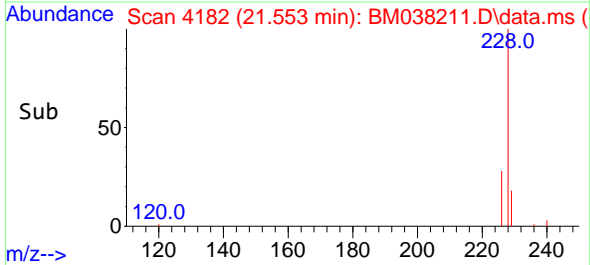
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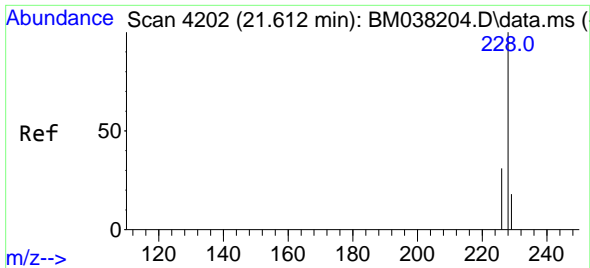


#21
 Benzo(a)anthracene
 Concen: 0.572 ng/u1
 RT: 21.553 min Scan# 4182
 Delta R.T. -0.006 min
 Lab File: BM038211.D
 Acq: 22 Dec 2022 23:09



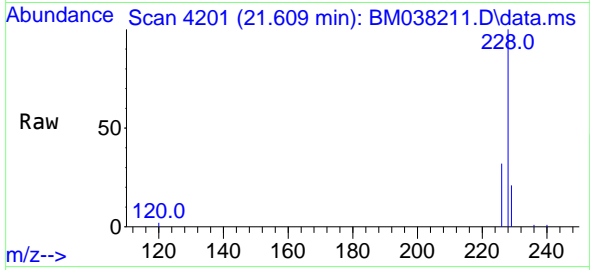
Tgt Ion:228 Resp: 22964
 Ion Ratio Lower Upper
 228 100
 229 20.2 15.5 23.3
 226 28.6 22.2 33.2





#22
 Chrysene
 Concen: 0.722 ng/u1
 RT: 21.609 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: BM038211.D
 Acq: 22 Dec 2022 23:09

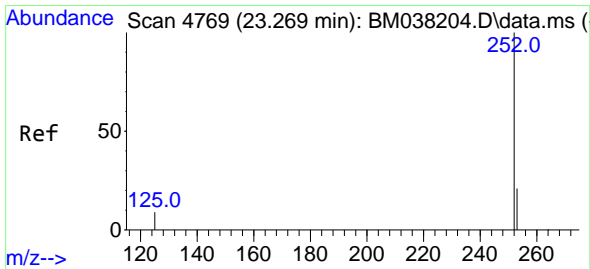
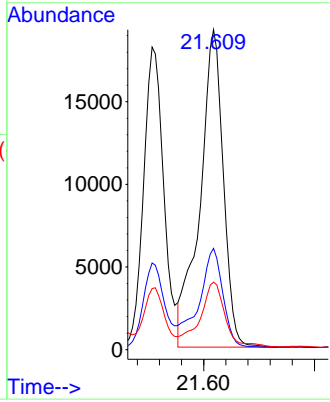
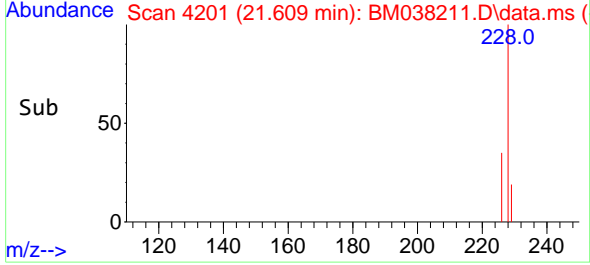
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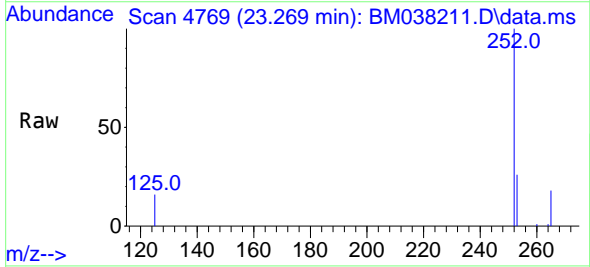
Tgt Ion:228 Resp: 28224
 Ion Ratio Lower Upper
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 226 31.6 25.0 37.4
 229 21.1 16.0 24.0

Manual Integrations
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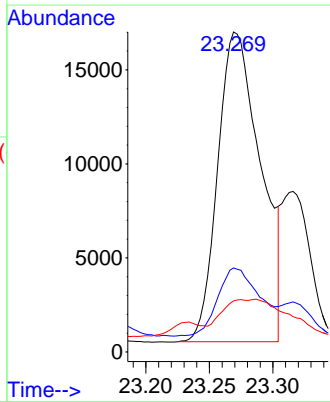
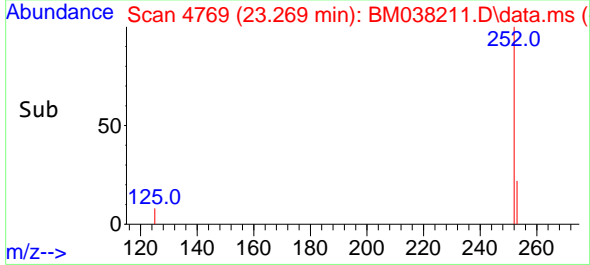
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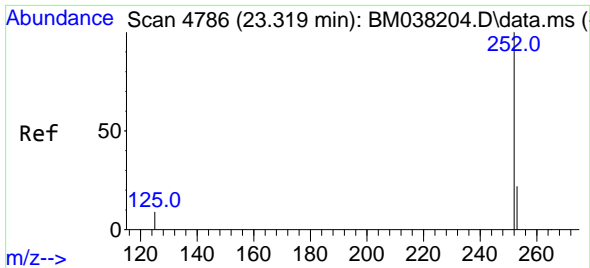


#24
 Benzo(b)fluoranthene
 Concen: 0.946 ng/u1
 RT: 23.269 min Scan# 4769
 Delta R.T. -0.003 min
 Lab File: BM038211.D
 Acq: 22 Dec 2022 23:09



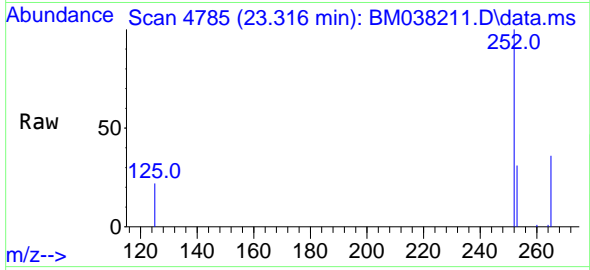
Tgt Ion:252 Resp: 38772
 Ion Ratio Lower Upper
 252 100
 253 26.2 0.0 56.0
 125 15.9 0.0 36.6





#25
 Benzo(k)fluoranthene
 Concen: 0.318 ng/u1 m
 RT: 23.316 min Scan# 4
 Delta R.T. -0.006 min
 Lab File: BM038211.D
 Acq: 22 Dec 2022 23:09

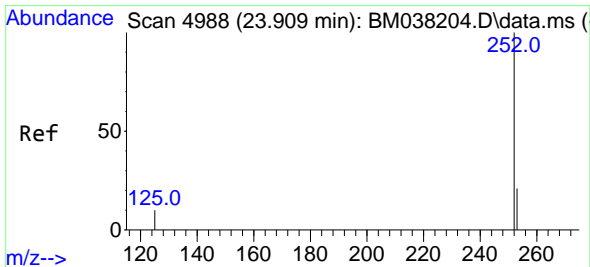
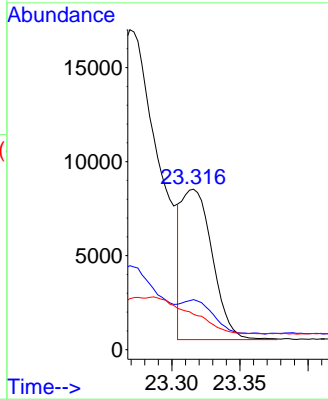
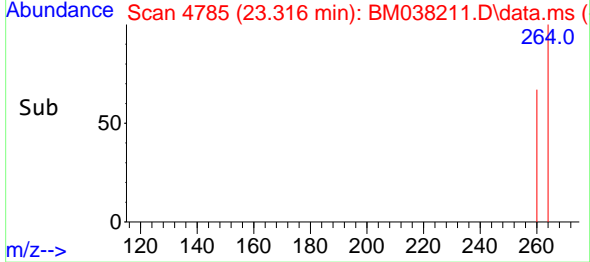
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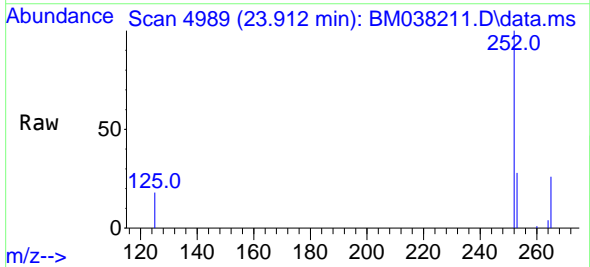
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 Ion Ratio Lower Upper
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 253 31.2 22.5 33.7
 125 22.1 14.4 21.6

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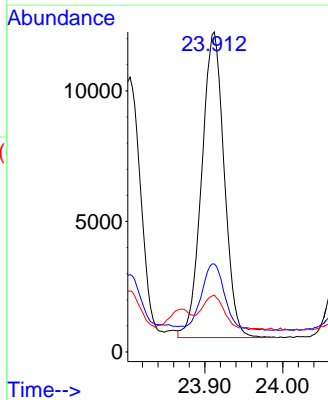
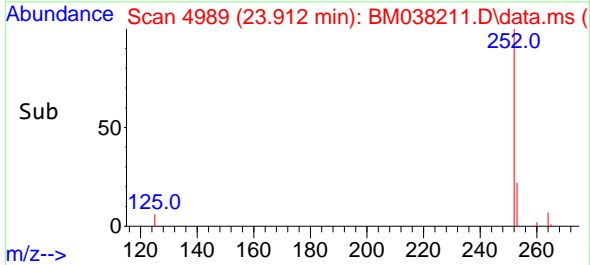
Reviewed By :Jagrut Upadhyay 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

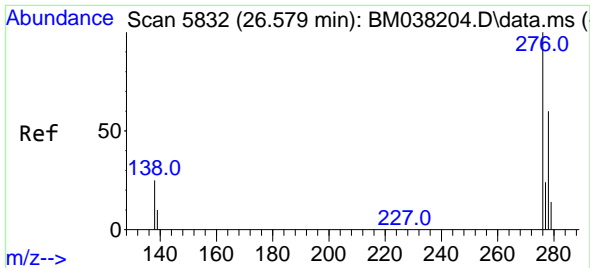


#26
 Benzo(a)pyrene
 Concen: 0.655 ng/u1
 RT: 23.912 min Scan# 4989
 Delta R.T. 0.000 min
 Lab File: BM038211.D
 Acq: 22 Dec 2022 23:09



Tgt Ion:252 Resp: 23409
 Ion Ratio Lower Upper
 252 100
 253 27.5 24.2 36.4
 125 17.8 17.3 25.9





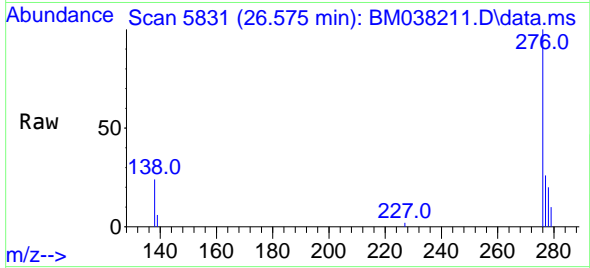
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.377 ng/u1
 RT: 26.575 min Scan# 5831
 Delta R.T. -0.007 min
 Lab File: BM038211.D
 Acq: 22 Dec 2022 23:09

Instrument :

BNA_M

ClientSampleId :

DBXZ1DL

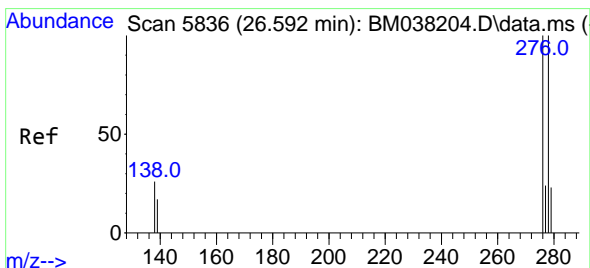
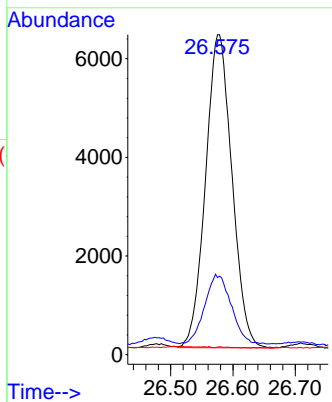
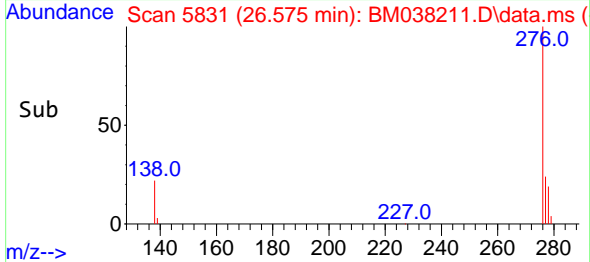


Tgt Ion:276 Resp: 18710
 Ion Ratio Lower Upper
 276 100
 138 23.4 21.7 32.5
 227 0.2 0.0 0.0

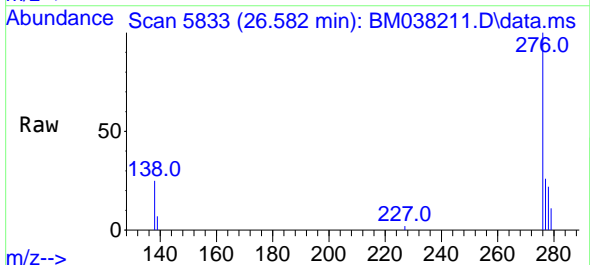
Manual Integrations

APPROVED

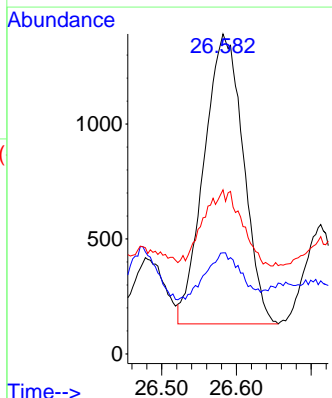
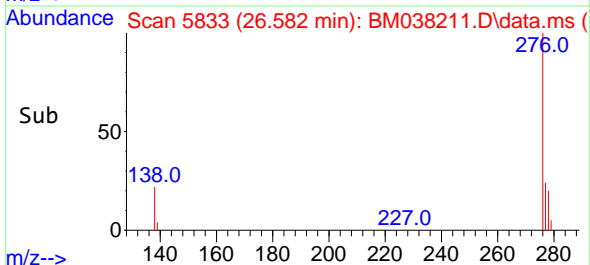
Reviewed By :Jagrut Upadhyay 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

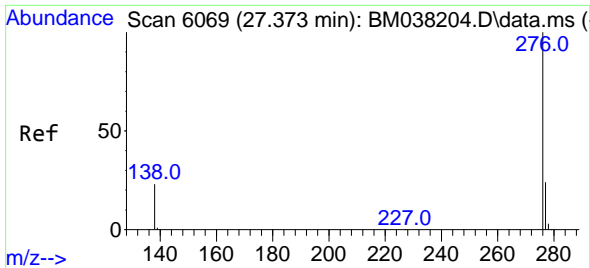


#28
 Dibenzo(a,h)anthracene
 Concen: 0.119 ng/u1
 RT: 26.582 min Scan# 5833
 Delta R.T. -0.013 min
 Lab File: BM038211.D
 Acq: 22 Dec 2022 23:09



Tgt Ion:278 Resp: 4596
 Ion Ratio Lower Upper
 278 100
 139 31.6 16.8 25.2#
 279 51.3 23.4 35.2#





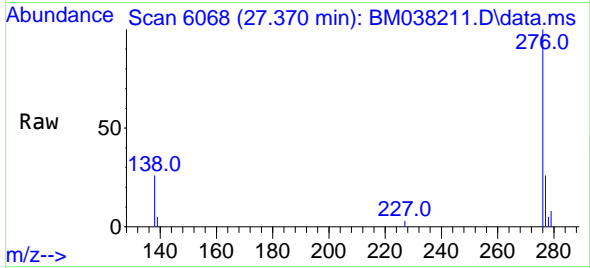
#29
 Benzo(g,h,i)perylene
 Concen: 0.409 ng/u1
 RT: 27.370 min Scan# 6068
 Delta R.T. 0.000 min
 Lab File: BM038211.D
 Acq: 22 Dec 2022 23:09

Instrument :

BNA_M

ClientSampleId :

DBXZ1DL



Tgt Ion: 276 Resp: 1708

Ion	Ratio	Lower	Upper
276	100		
138	26.4	20.8	31.2
277	25.8	20.5	30.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

