

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
 Data File : BM038110.D
 Acq On : 19 Dec 2022 19:47
 Operator : CG/JU
 Sample : N6006-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXZ2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2022
 Supervised By :mohammad ahmed 12/20/2022

Quant Time: Dec 19 23:24:07 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 05:21:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	6772	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	21922	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.675	164	12245	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	24668	0.400	ng/ul	0.00
17) Chrysene-d12	21.580	240	16956	0.400	ng/ul	# 0.00
23) Perylene-d12	24.032	264	15707	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	50098	5.412	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	14910	0.466	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	30710	0.500	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.917	128	5964	0.090	ng/ul	96
7) 2-Methylnaphthalene	12.517	142	4048	0.099	ng/ul	99
8) 1-Methylnaphthalene	12.731	142	2954	0.071	ng/ul	99
10) Acenaphthylene	14.402	152	4532	0.071	ng/ul#	92
11) Acenaphthene	14.740	153	1051	0.022	ng/ul	94
14) Pentachlorophenol	17.067	266	299	0.029	ng/ul	91
15) Phenanthrene	17.455	178	24235	0.292	ng/ul	98
16) Anthracene	17.548	178	8257	0.107	ng/ul	94
19) Fluoranthene	19.459	202	77546	0.885	ng/ul	99
20) Pyrene	19.826	202	63121m	0.706	ng/ul	
21) Benzo(a)anthracene	21.562	228	39465	0.539	ng/ul	96
22) Chrysene	21.618	228	55281	0.748	ng/ul	98
24) Benzo(b)fluoranthene	23.281	252	71648	0.962	ng/ul	96
25) Benzo(k)fluoranthene	23.328	252	24594m	0.342	ng/ul	
26) Benzo(a)pyrene	23.924	252	42951	0.685	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.589	276	34010	0.432	ng/ul#	80
28) Dibenzo(a,h)anthracene	26.599	278	8490	0.138	ng/ul#	79
29) Benzo(g,h,i)perylene	27.390	276	31987	0.478	ng/ul	97

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

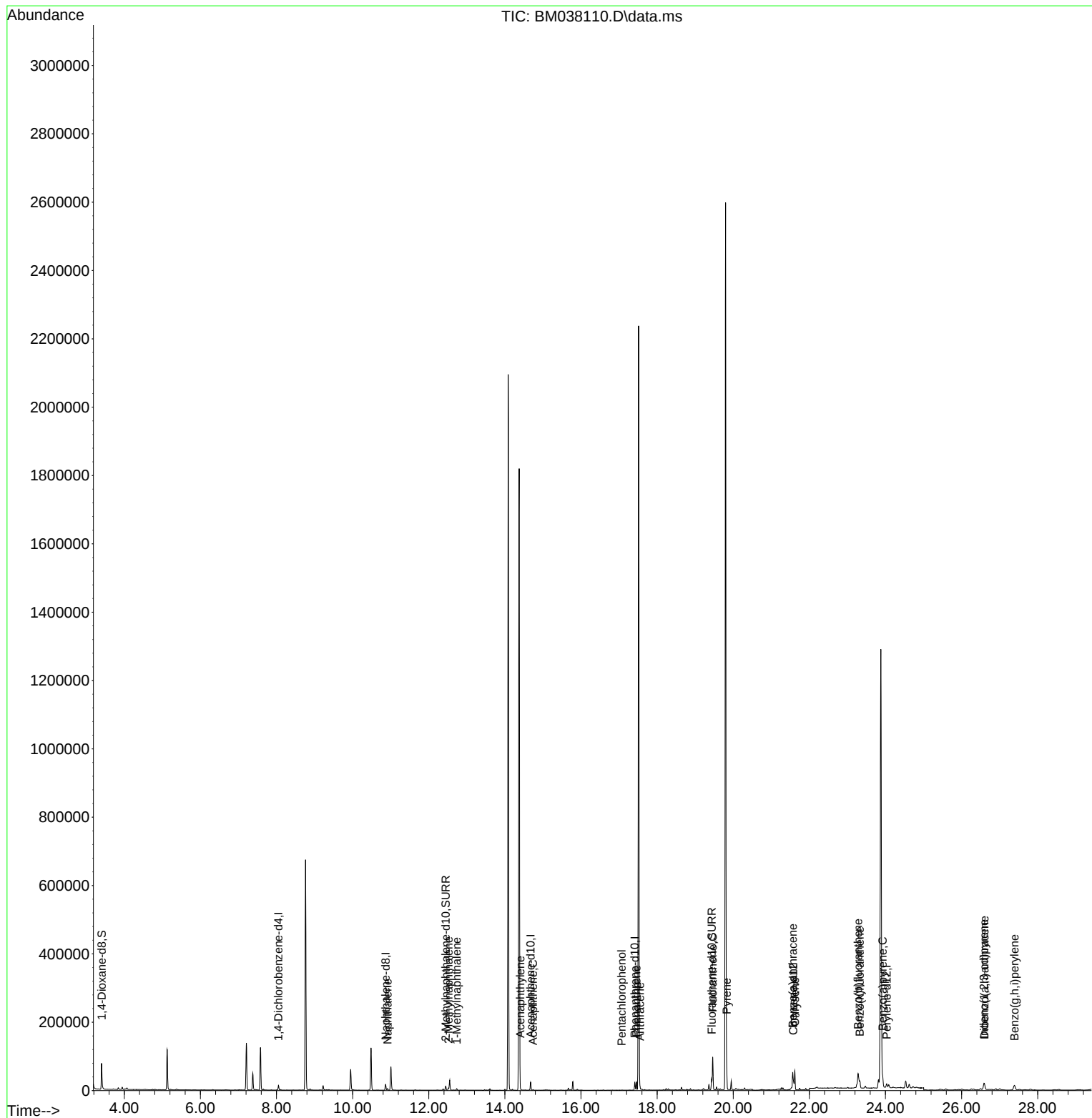
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
Data File : BM038110.D
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ALS Vial : 13 Sample Multiplier: 1

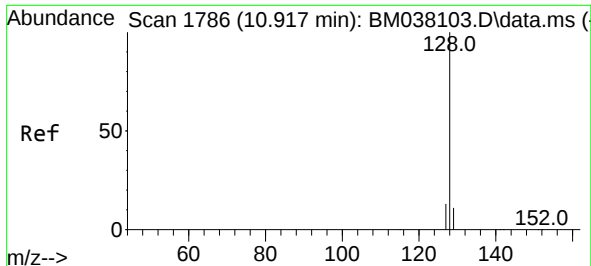
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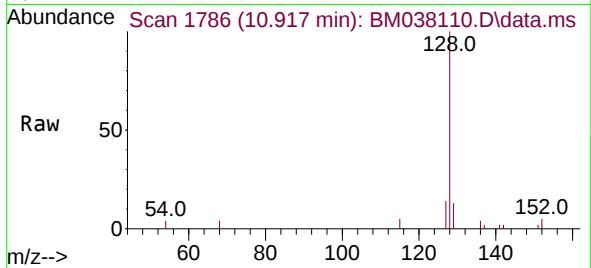
Quant Time: Dec 19 23:24:07 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 05:21:07 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.090 ng/ul
RT: 10.917 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BM038110.D
Acq: 19 Dec 2022 19:47

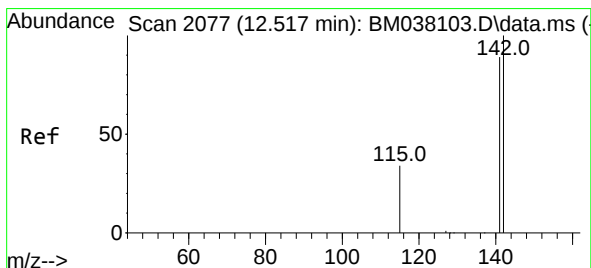
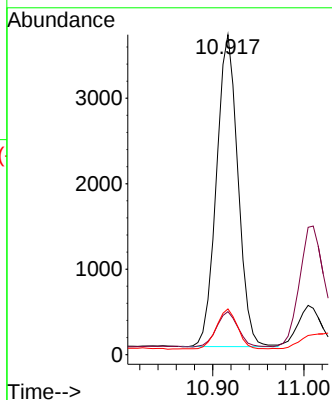
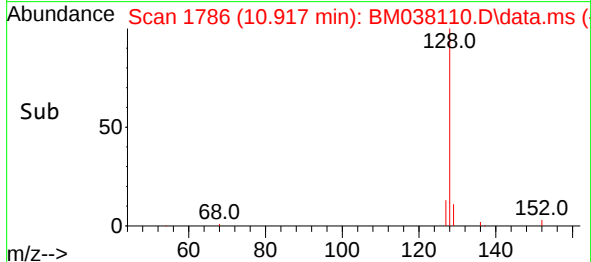
Instrument :
BNA_M
ClientSampleId :
DBXZ2



Tgt Ion:128 Resp: 5964
Ion Ratio Lower Upper
128 100
129 13.5 9.1 13.7
127 14.3 10.4 15.6

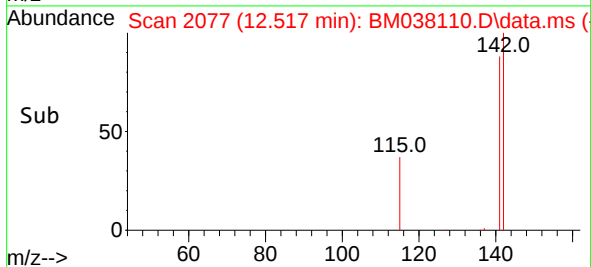
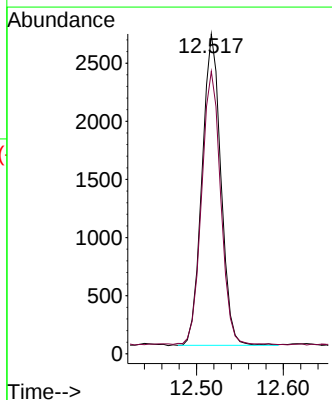
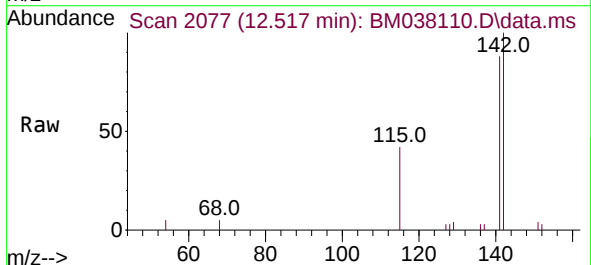
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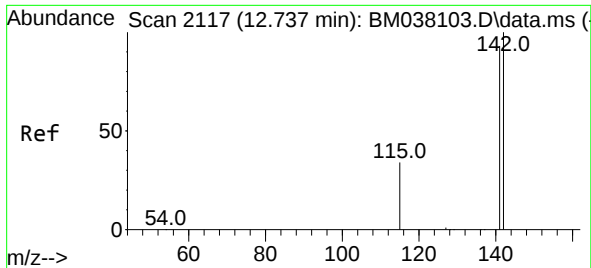
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#7
2-Methylnaphthalene
Concen: 0.099 ng/ul
RT: 12.517 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM038110.D
Acq: 19 Dec 2022 19:47

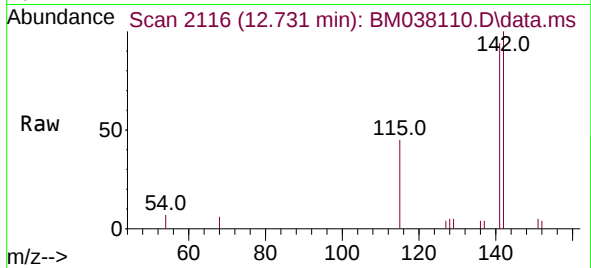
Tgt Ion:142 Resp: 4048
Ion Ratio Lower Upper
142 100
141 89.1 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.071 ng/ul
RT: 12.731 min Scan# 2117
Delta R.T. -0.005 min
Lab File: BM038110.D
Acq: 19 Dec 2022 19:47

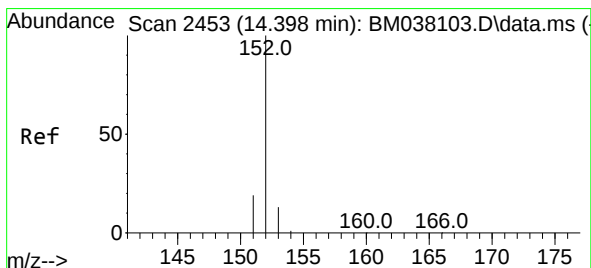
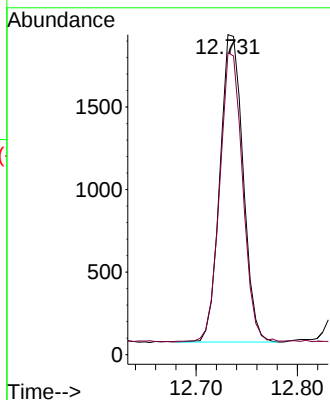
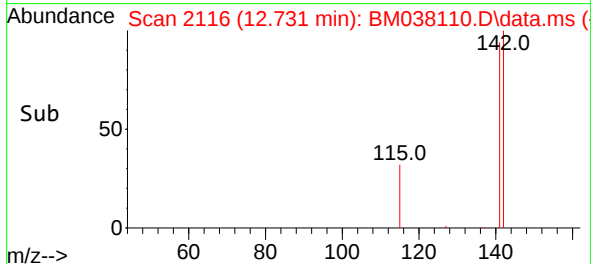
Instrument :
BNA_M
ClientSampleId :
DBXZ2



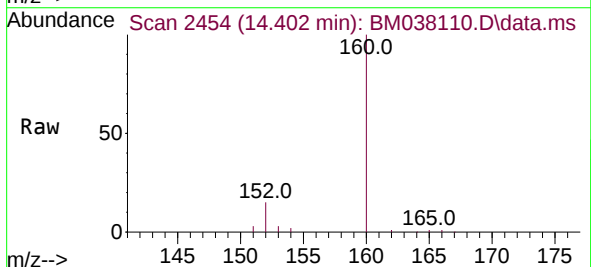
Tgt Ion:142 Resp: 2954
Ion Ratio Lower Upper
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141 93.0 73.6 110.4

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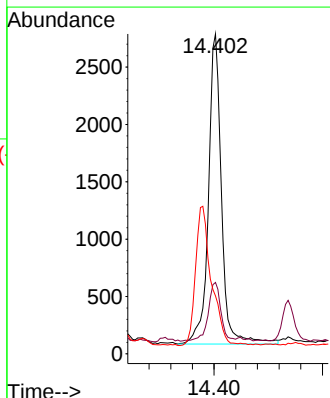
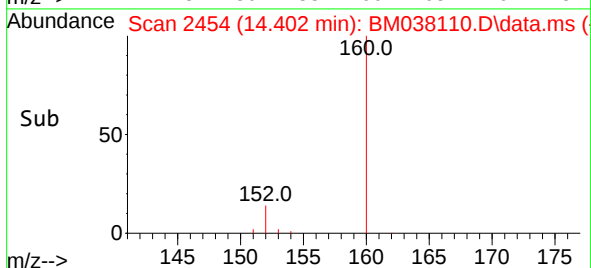
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

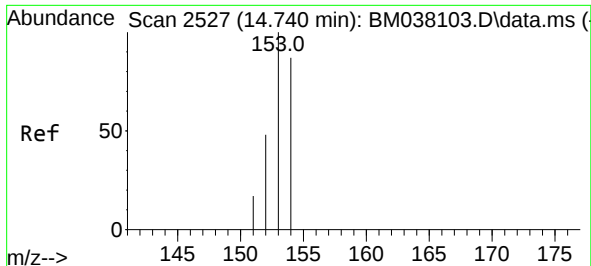


#10
Acenaphthylene
Concen: 0.071 ng/ul
RT: 14.402 min Scan# 2454
Delta R.T. 0.000 min
Lab File: BM038110.D
Acq: 19 Dec 2022 19:47



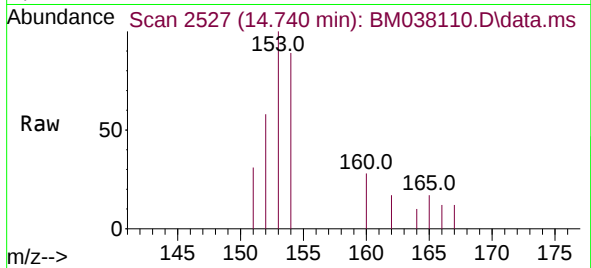
Tgt Ion:152 Resp: 4532
Ion Ratio Lower Upper
152 100
151 22.3 15.5 23.3
153 18.1 11.0 16.4#





#11
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.740 min Scan# 2527
Delta R.T. 0.000 min
Lab File: BM038110.D
Acq: 19 Dec 2022 19:47

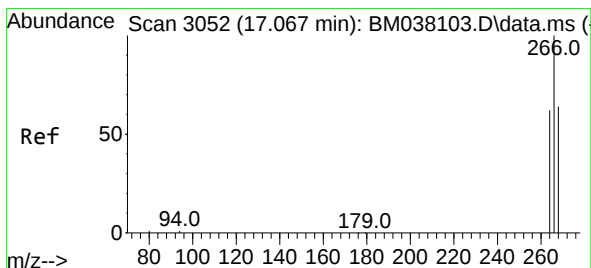
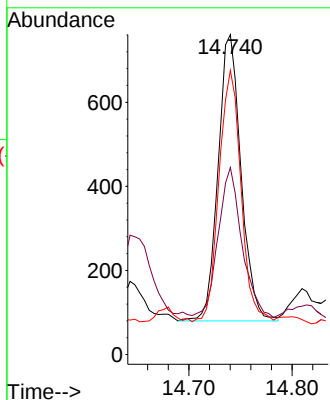
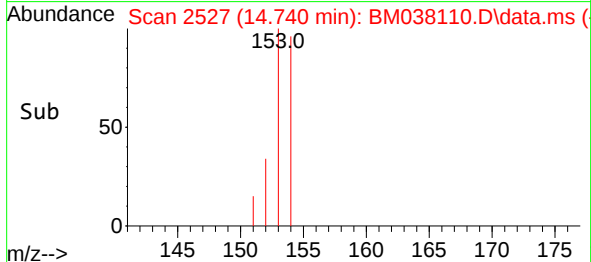
Instrument :
BNA_M
ClientSampleId :
DBXZ2



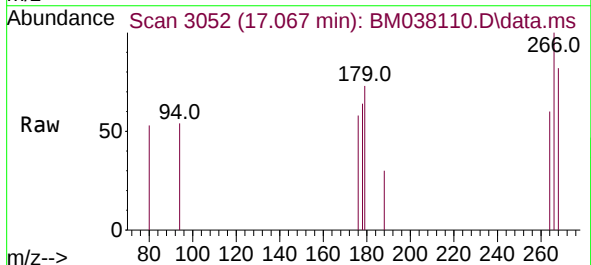
Tgt Ion:153 Resp: 105
Ion Ratio Lower Upper
153 100
152 58.5 39.5 59.3
154 88.8 69.2 103.8

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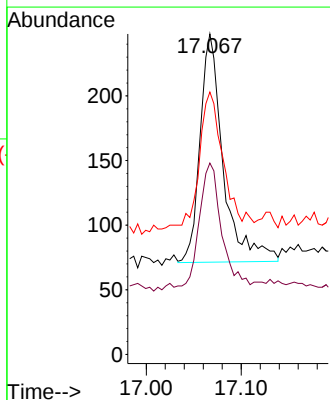
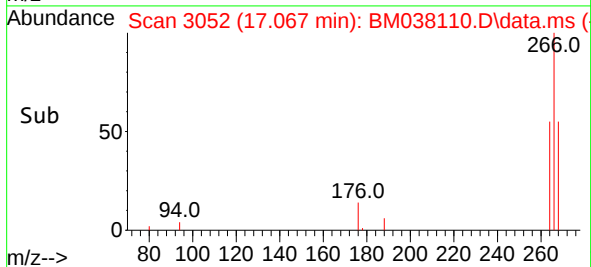
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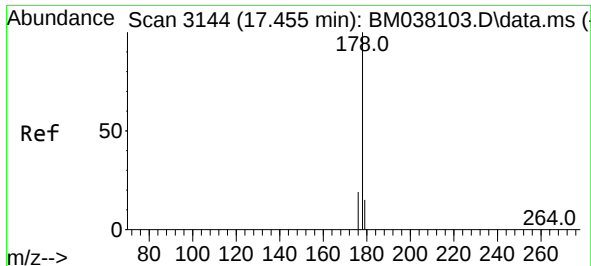


#14
Pentachlorophenol
Concen: 0.029 ng/ul
RT: 17.067 min Scan# 3052
Delta R.T. 0.000 min
Lab File: BM038110.D
Acq: 19 Dec 2022 19:47



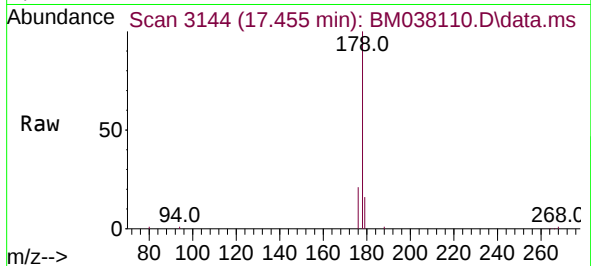
Tgt Ion:266 Resp: 299
Ion Ratio Lower Upper
266 100
264 51.5 49.9 74.9
268 62.5 52.0 78.0





#15
Phenanthrene
Concen: 0.292 ng/ul
RT: 17.455 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM038110.D
Acq: 19 Dec 2022 19:47

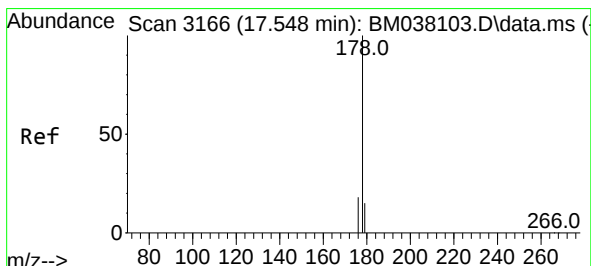
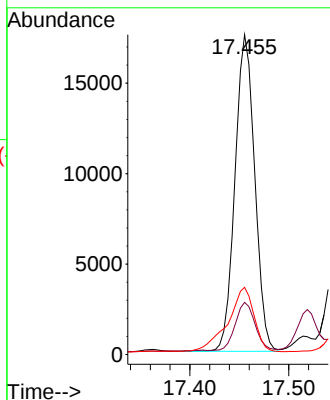
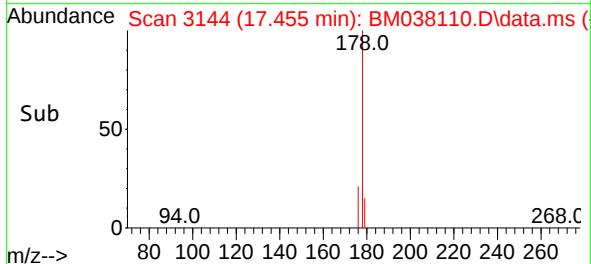
Instrument :
BNA_M
ClientSampleId :
DBXZ2



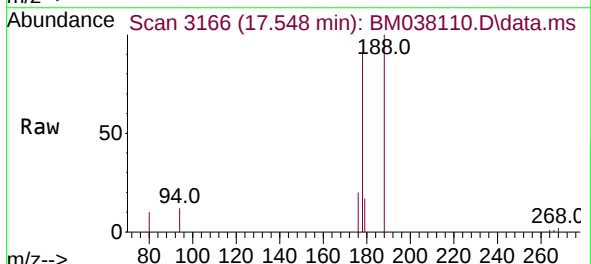
Tgt Ion:178 Resp: 24235
Ion Ratio Lower Upper
178 100
179 16.3 12.6 19.0
176 21.0 15.8 23.6

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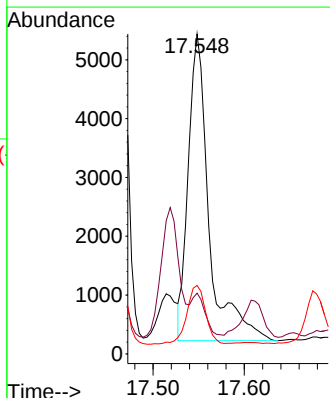
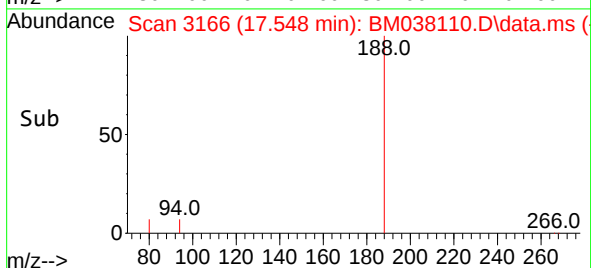
Reviewed By :Jagrut Upadhyay 12/20/2022
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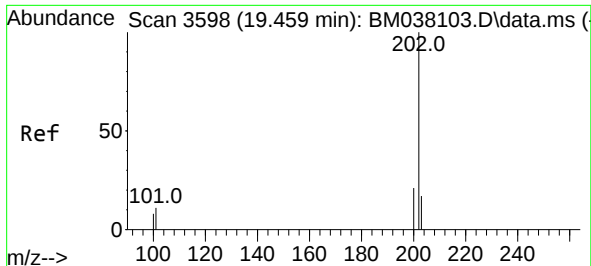


#16
Anthracene
Concen: 0.107 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BM038110.D
Acq: 19 Dec 2022 19:47



Tgt Ion:178 Resp: 8257
Ion Ratio Lower Upper
178 100
179 19.0 13.0 19.4
176 21.4 15.0 22.4





#19

Fluoranthene

Concen: 0.885 ng/ul

RT: 19.459 min Scan# 3598

Delta R.T. -0.005 min

Lab File: BM038110.D

Acq: 19 Dec 2022 19:47

Instrument :

BNA_M

ClientSampleId :

DBXZ2

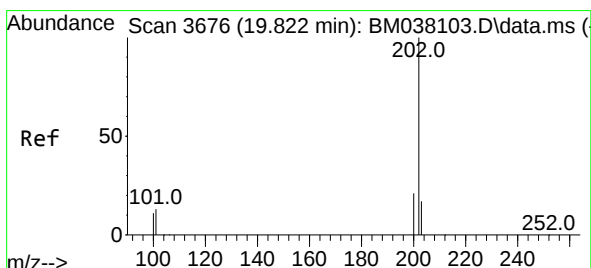
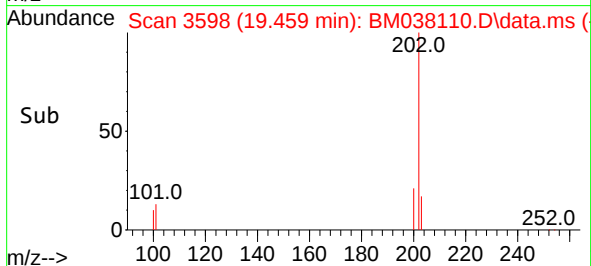
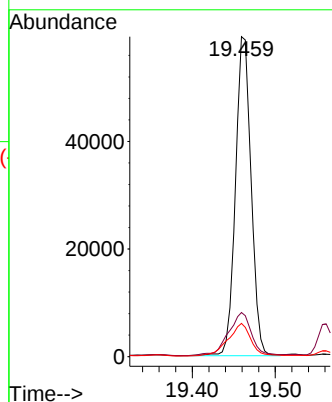
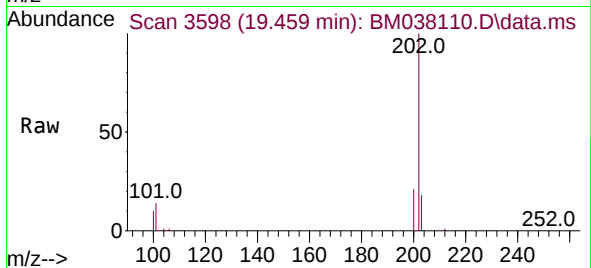
Tgt Ion:202 Resp: 77546

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.6	15.8
100	10.4	7.9	11.9

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#20

Pyrene

Concen: 0.706 ng/ul m

RT: 19.826 min Scan# 3677

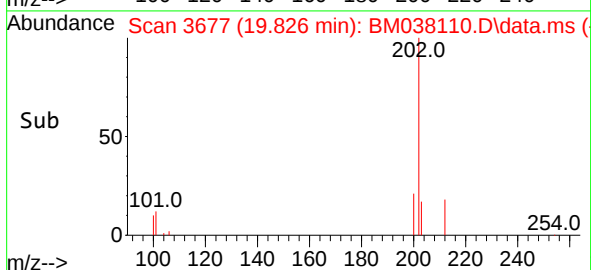
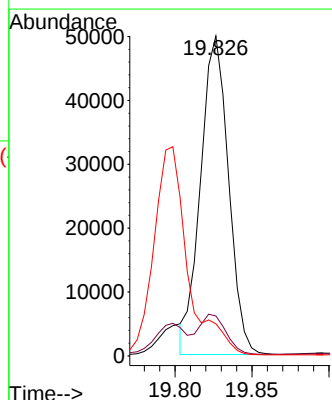
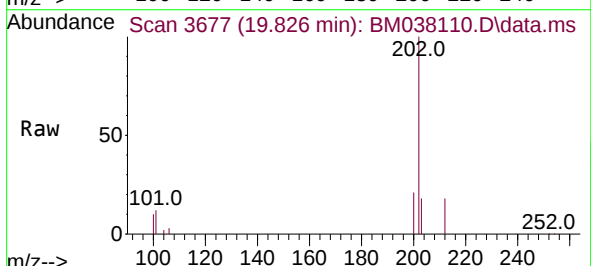
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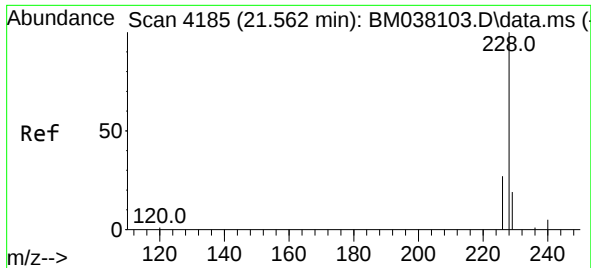
Lab File: BM038110.D

Acq: 19 Dec 2022 19:47

Tgt Ion:202 Resp: 63121

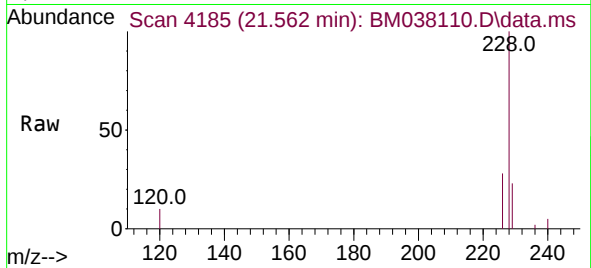
Ion	Ratio	Lower	Upper
202	100		
101	12.5	12.1	18.1
100	10.0	9.8	14.6





#21
Benzo(a)anthracene
Concen: 0.539 ng/ul
RT: 21.562 min Scan# 4185
Delta R.T. -0.003 min
Lab File: BM038110.D
Acq: 19 Dec 2022 19:47

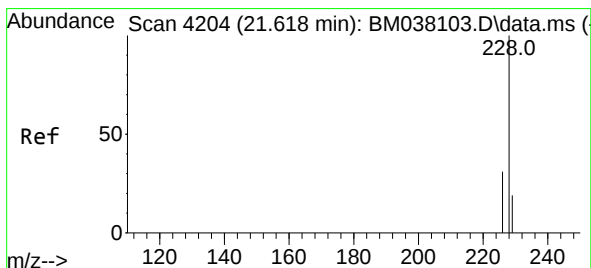
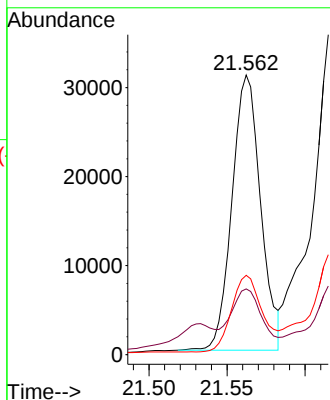
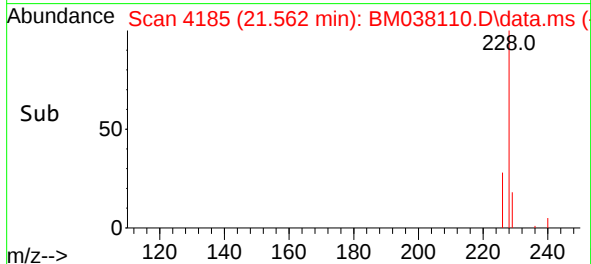
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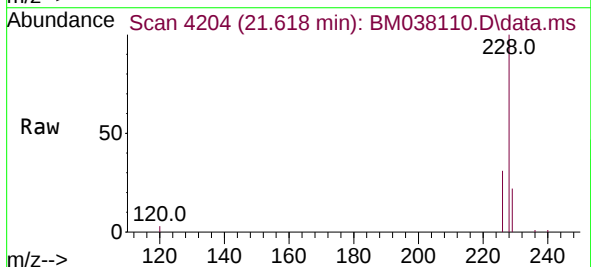
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Ion Ratio Lower Upper
228 100
229 23.5 15.9 23.9
226 28.3 22.1 33.1

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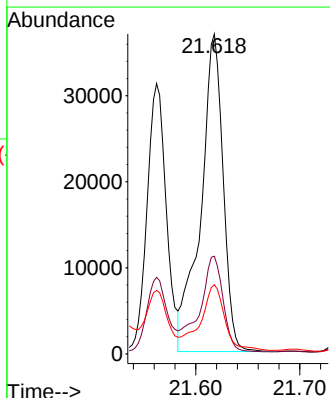
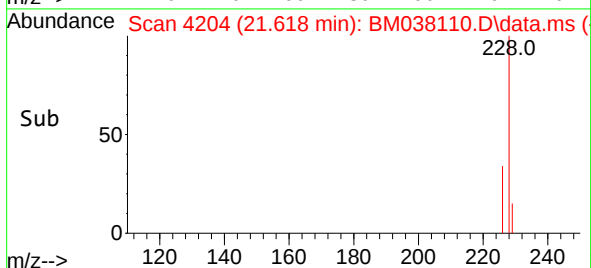
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

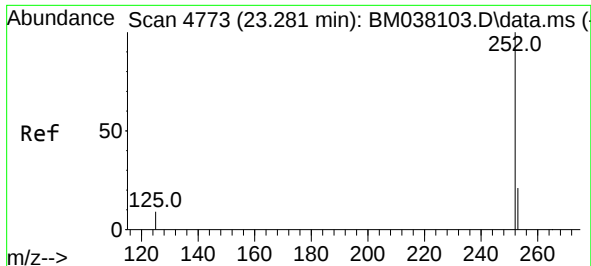


#22
Chrysene
Concen: 0.748 ng/ul
RT: 21.618 min Scan# 4204
Delta R.T. 0.000 min
Lab File: BM038110.D
Acq: 19 Dec 2022 19:47



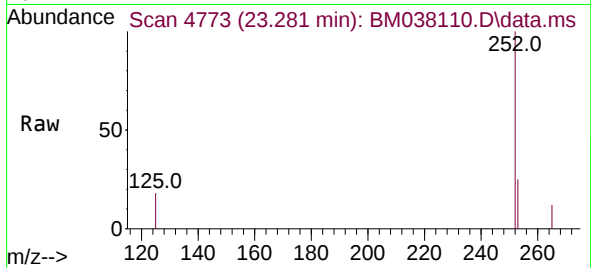
Tgt Ion:228 Resp: 55281
Ion Ratio Lower Upper
228 100
226 30.5 24.1 36.1
229 21.6 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.962 ng/ul
RT: 23.281 min Scan# 4773
Delta R.T. 0.000 min
Lab File: BM038110.D
Acq: 19 Dec 2022 19:47

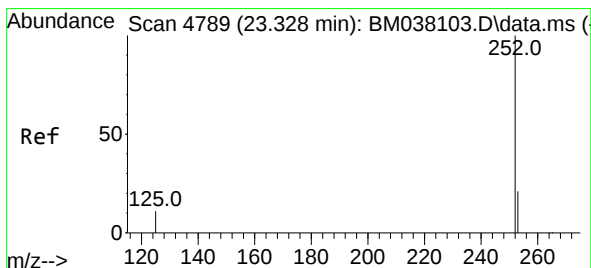
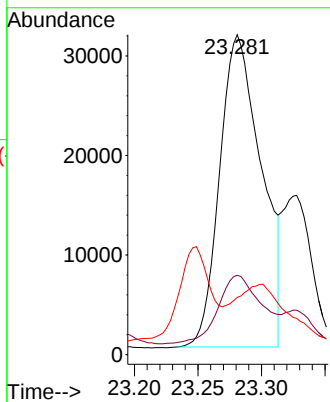
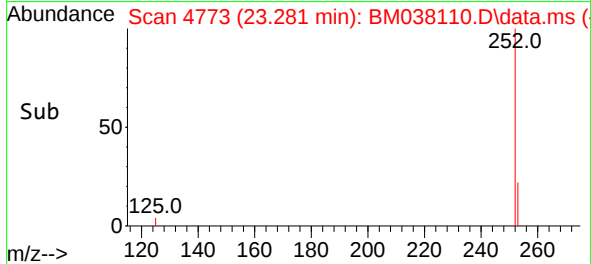
Instrument :
BNA_M
ClientSampleId :
DBXZ2



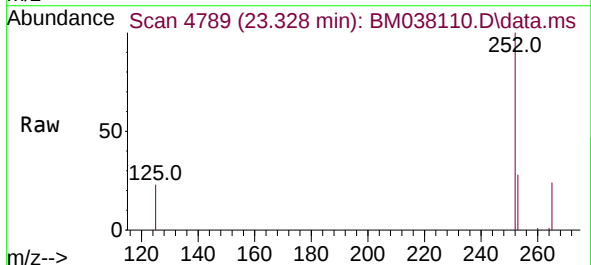
Tgt Ion:252 Resp: 71648
Ion Ratio Lower Upper
252 100
253 24.8 0.0 51.8
125 17.9 0.0 42.2

Manual Integrations
APPROVED

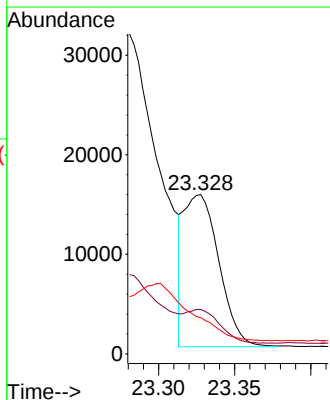
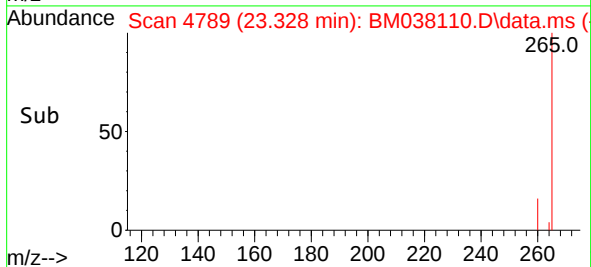
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

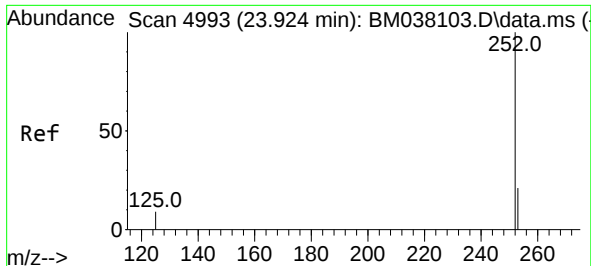


#25
Benzo(k)fluoranthene
Concen: 0.342 ng/ul m
RT: 23.328 min Scan# 4789
Delta R.T. -0.003 min
Lab File: BM038110.D
Acq: 19 Dec 2022 19:47



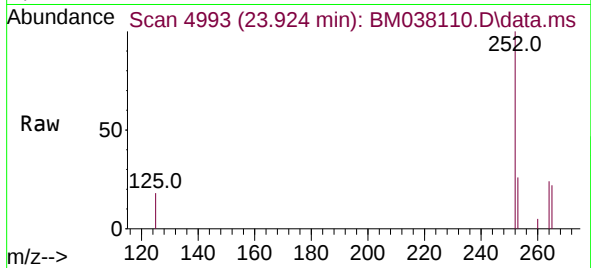
Tgt Ion:252 Resp: 24594
Ion Ratio Lower Upper
252 100
253 27.9 20.8 31.2
125 22.7 17.1 25.7





#26
Benzo(a)pyrene
Concen: 0.685 ng/ul
RT: 23.924 min Scan# 4993
Delta R.T. 0.000 min
Lab File: BM038110.D
Acq: 19 Dec 2022 19:47

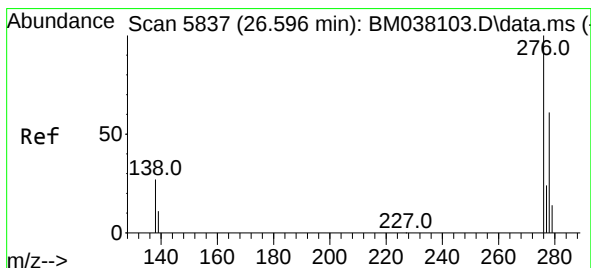
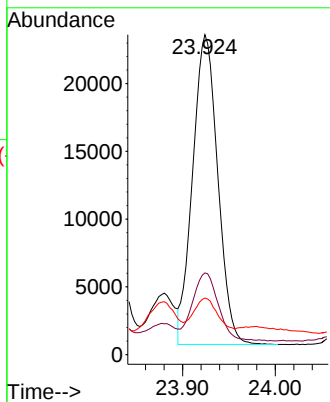
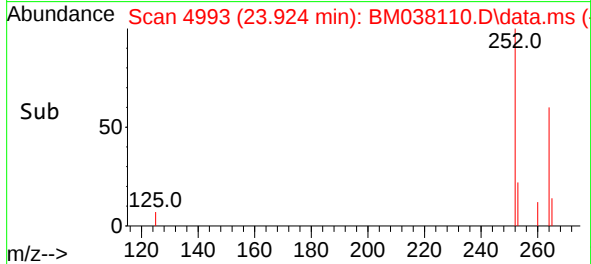
Instrument :
BNA_M
ClientSampleId :
DBXZ2



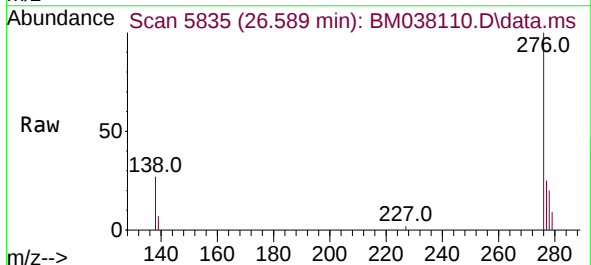
Tgt Ion:252 Resp: 42953
Ion Ratio Lower Upper
252 100
253 25.5 21.9 32.9
125 17.7 20.7 31.1

Manual Integrations
APPROVED

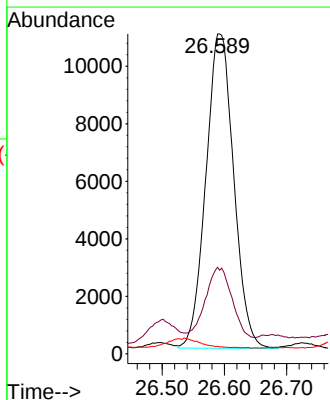
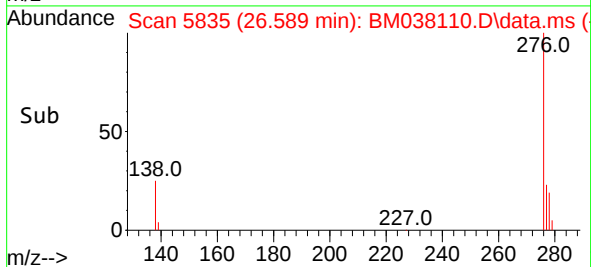
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

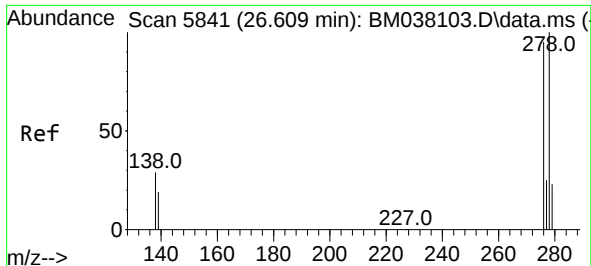


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.432 ng/ul
RT: 26.589 min Scan# 5835
Delta R.T. -0.010 min
Lab File: BM038110.D
Acq: 19 Dec 2022 19:47



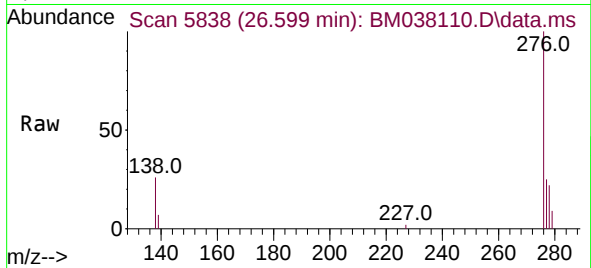
Tgt Ion:276 Resp: 34010
Ion Ratio Lower Upper
276 100
138 21.7 26.6 40.0#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.138 ng/ul
RT: 26.599 min Scan# 5841
Delta R.T. -0.017 min
Lab File: BM038110.D
Acq: 19 Dec 2022 19:47

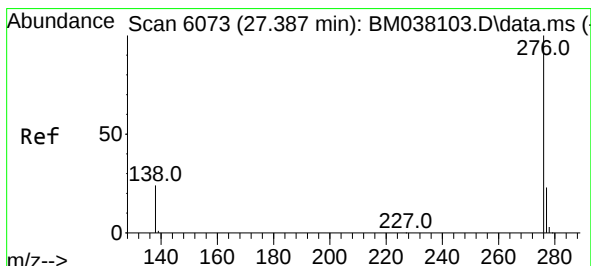
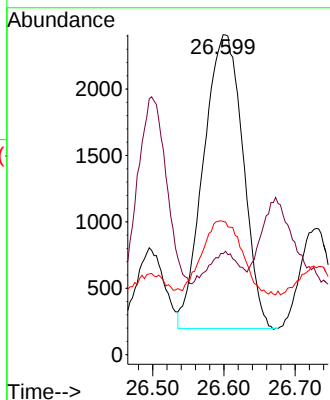
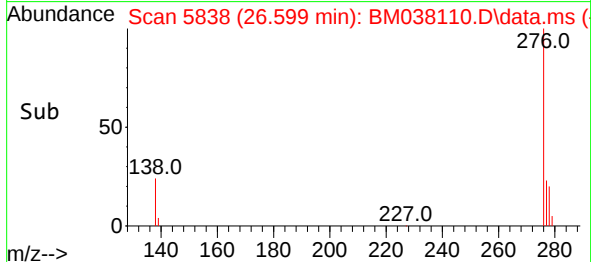
Instrument :
BNA_M
ClientSampleId :
DBXZ2



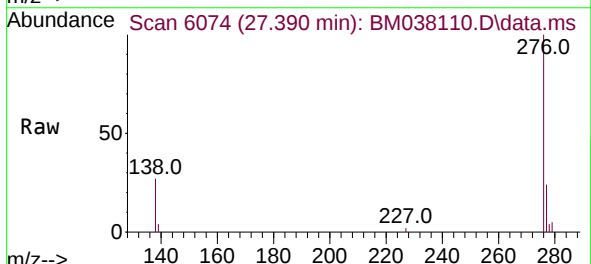
Tgt Ion:278 Resp: 8490
Ion Ratio Lower Upper
278 100
139 31.5 19.0 28.6
279 41.6 22.4 33.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#29
Benzo(g,h,i)perylene
Concen: 0.478 ng/ul
RT: 27.390 min Scan# 6074
Delta R.T. -0.003 min
Lab File: BM038110.D
Acq: 19 Dec 2022 19:47



Tgt Ion:276 Resp: 31987
Ion Ratio Lower Upper
276 100
138 27.3 24.1 36.1
277 24.4 19.0 28.6

