

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
 Data File : BN023348.D
 Acq On : 22 Dec 2022 20:34
 Operator : CG/JU
 Sample : N6003-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXX3

Manual Integrations
 APPROVED

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

Quant Time: Dec 22 23:55:01 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	6069	0.400	ng/ul	0.00
4) Naphthalene-d8	10.815	136	20488	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	12411	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.394	188	29795	0.400	ng/ul	0.00
17) Chrysene-d12	21.578	240	23908	0.400	ng/ul	0.00
23) Perylene-d12	24.025	264	19443	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.345	96	29746	4.511	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.405	152	9333	0.295	ng/ul	0.00
18) Fluoranthene-d10	19.420	212	24156	0.279	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.865	128	1564	0.026	ng/ul#	84
7) 2-Methylnaphthalene	12.476	142	891	0.023	ng/ul	98
10) Acenaphthylene	14.368	152	1242	0.023	ng/ul#	75
14) Pentachlorophenol	17.040	266	195	0.024	ng/ul	97
15) Phenanthrene	17.432	178	10125	0.104	ng/ul	97
16) Anthracene	17.525	178	2299	0.029	ng/ul#	88
19) Fluoranthene	19.448	202	28581	0.246	ng/ul	96
20) Pyrene	19.815	202	22244m	0.190	ng/ul	
21) Benzo(a)anthracene	21.560	228	13474	0.145	ng/ul	96
22) Chrysene	21.613	228	17289	0.183	ng/ul#	95
24) Benzo(b)fluoranthene	23.276	252	22195m	0.221	ng/ul	
25) Benzo(k)fluoranthene	23.323	252	8130m	0.086	ng/ul	
26) Benzo(a)pyrene	23.916	252	13270	0.167	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.580	276	9870	0.106	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.600	278	2994	0.042	ng/ul#	42
29) Benzo(g,h,i)perylene	27.375	276	10797	0.143	ng/ul#	33

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

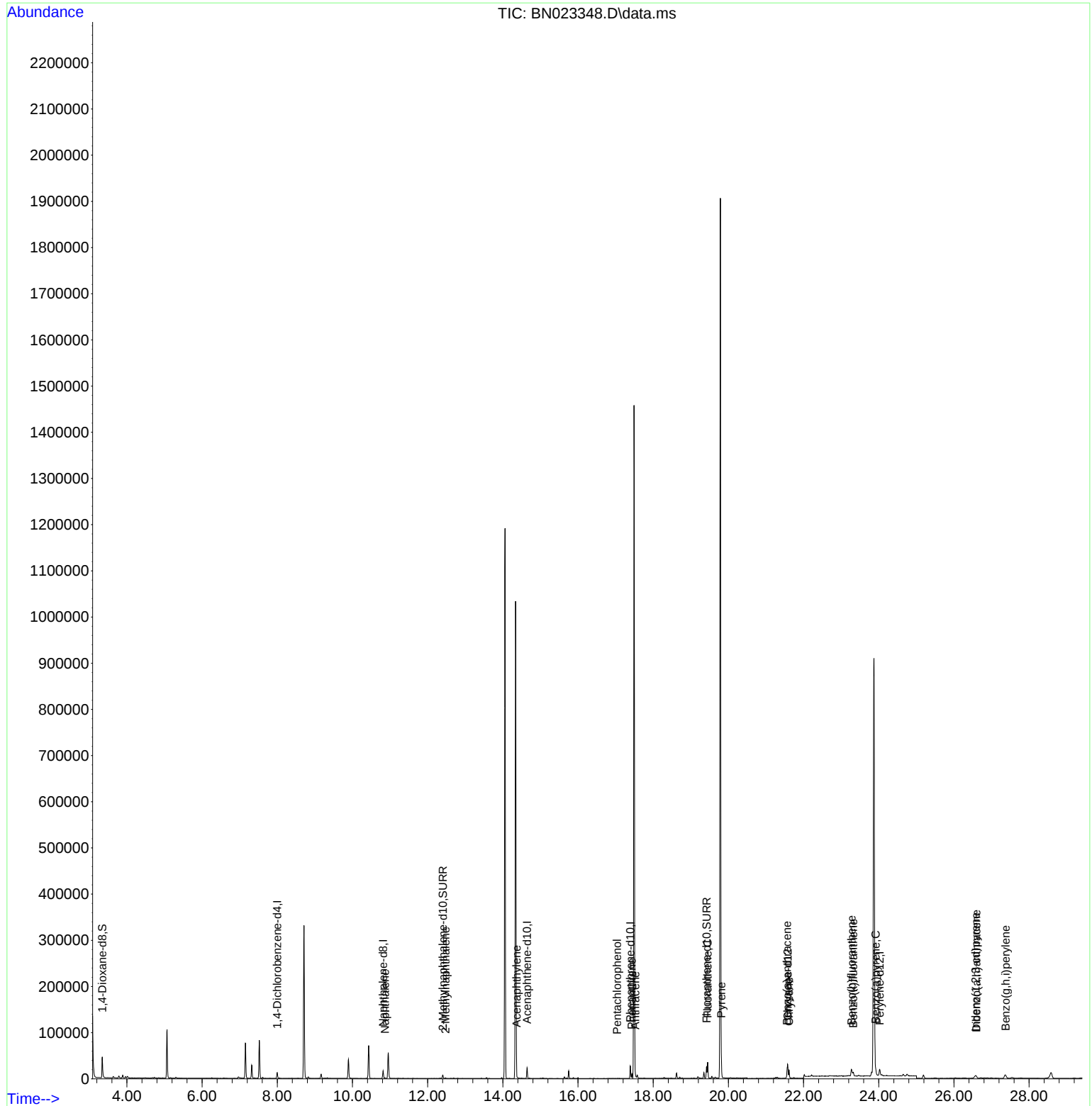
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
Data File : BN023348.D
Acq On : 22 Dec 2022 20:34
Operator : CG/JU
Sample : N6003-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

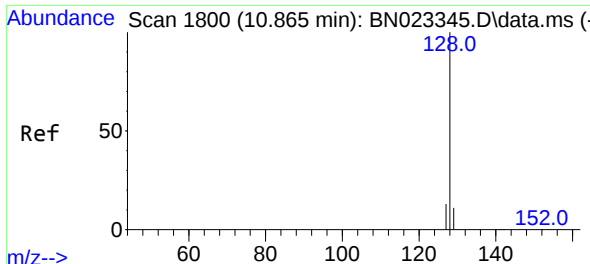
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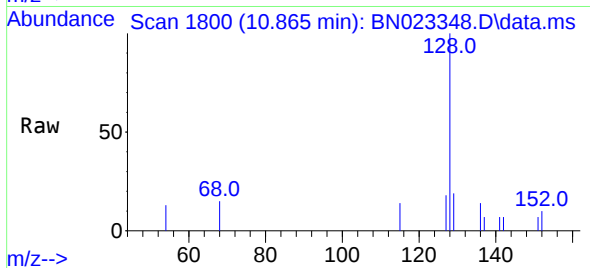
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.026 ng/ul
RT: 10.865 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BN023348.D
Acq: 22 Dec 2022 20:34

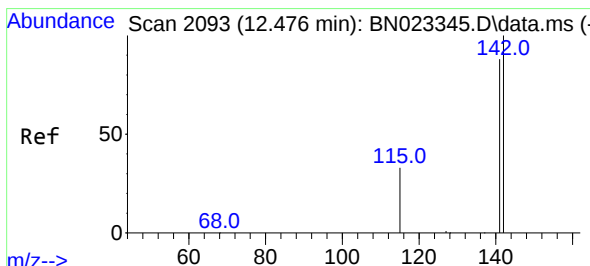
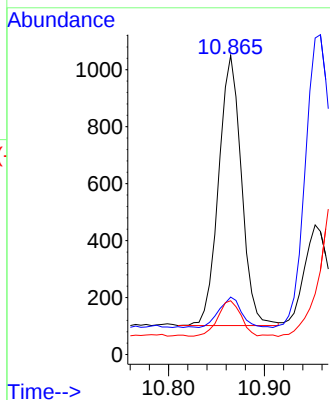
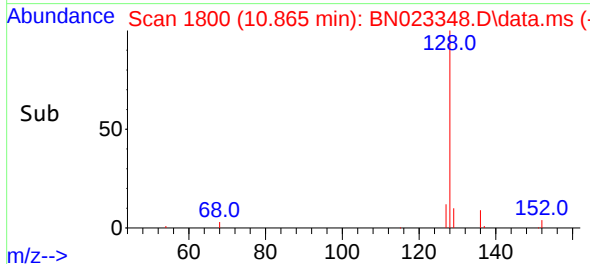
Instrument :
BNA_N
ClientSampleId :
DBXX3



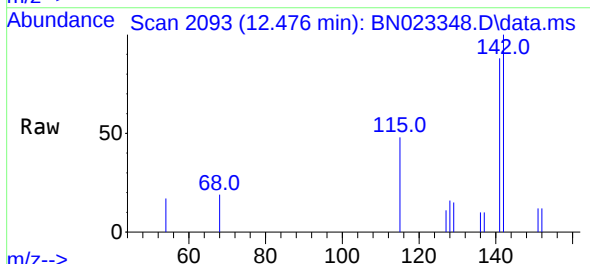
Tgt Ion:128 Resp: 1564
Ion Ratio Lower Upper
128 100
129 19.2 9.0 13.4
127 18.0 10.7 16.1

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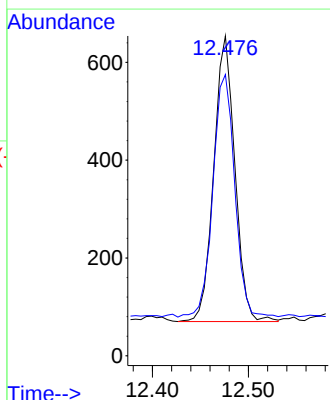
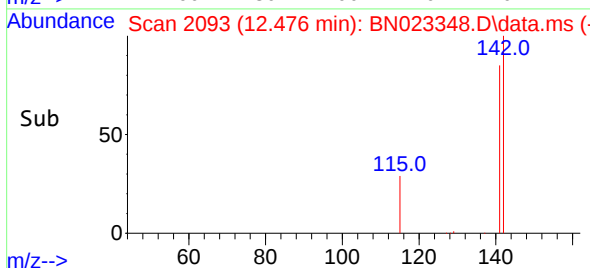
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

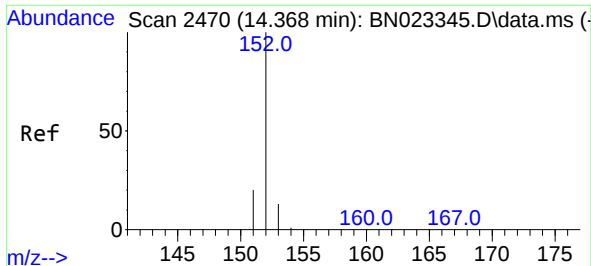


#7
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.476 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN023348.D
Acq: 22 Dec 2022 20:34



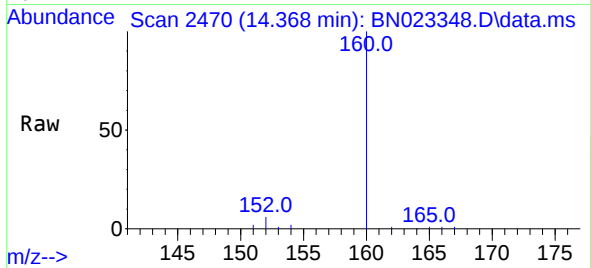
Tgt Ion:142 Resp: 891
Ion Ratio Lower Upper
142 100
141 87.8 71.4 107.2





#10
Acenaphthylene
Concen: 0.023 ng/ul
RT: 14.368 min Scan# 2470
Delta R.T. -0.001 min
Lab File: BN023348.D
Acq: 22 Dec 2022 20:34

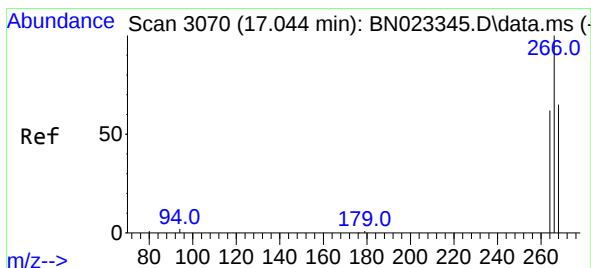
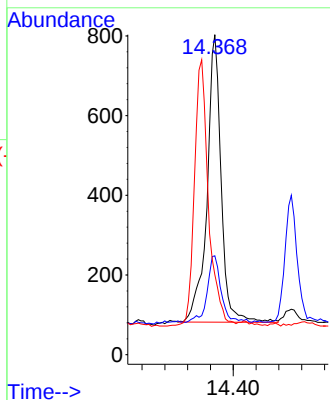
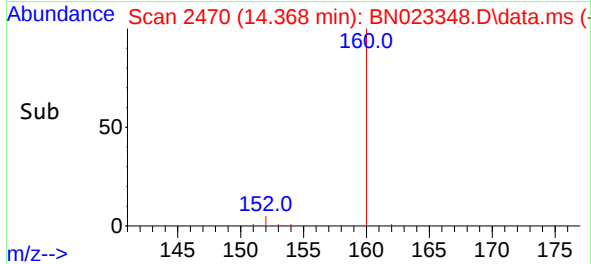
Instrument :
BNA_N
ClientSampleId :
DBXX3



Tgt Ion:152 Resp: 124
Ion Ratio Lower Upper
152 100
151 30.9 16.1 24.1
153 25.0 10.9 16.3

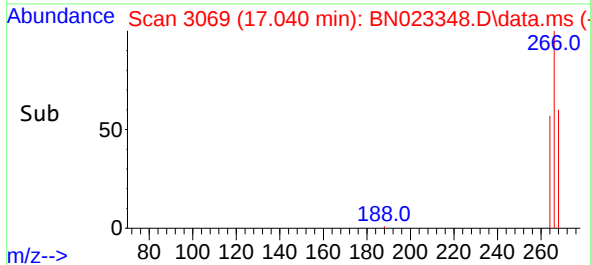
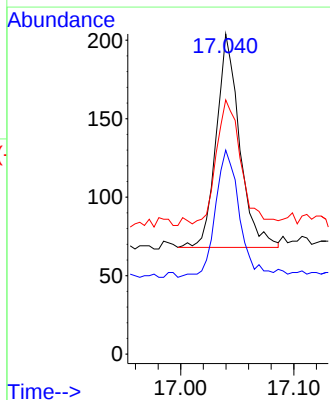
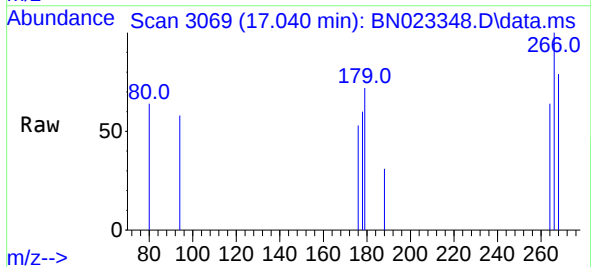
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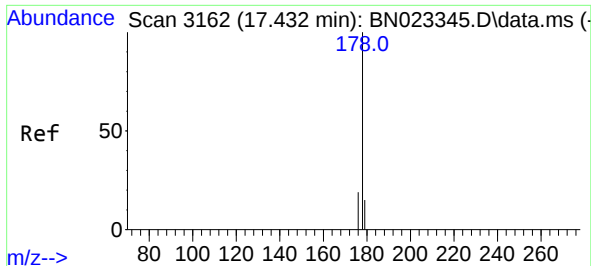
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#14
Pentachlorophenol
Concen: 0.024 ng/ul
RT: 17.040 min Scan# 3069
Delta R.T. -0.001 min
Lab File: BN023348.D
Acq: 22 Dec 2022 20:34

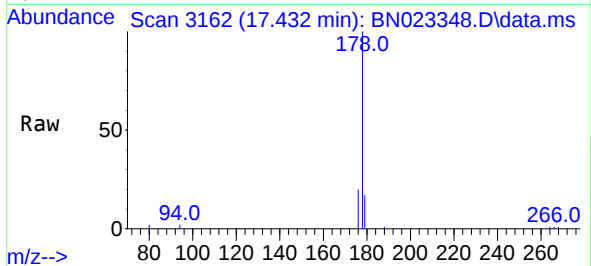
Tgt Ion:266 Resp: 195
Ion Ratio Lower Upper
266 100
264 63.1 49.8 74.6
268 60.5 51.4 77.0





#15
Phenanthrene
Concen: 0.104 ng/u1
RT: 17.432 min Scan# 3162
Delta R.T. -0.001 min
Lab File: BN023348.D
Acq: 22 Dec 2022 20:34

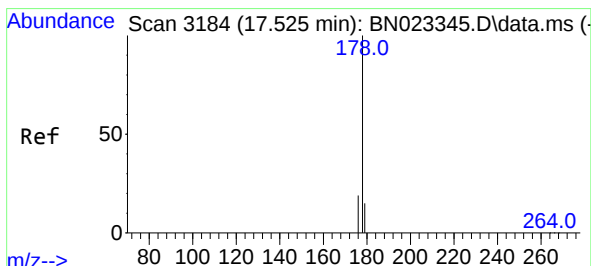
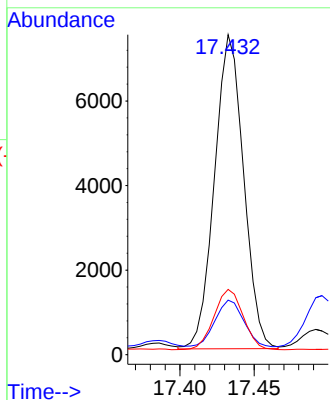
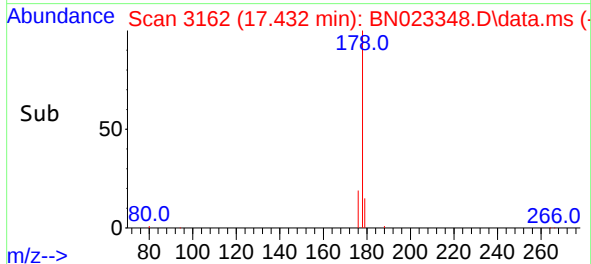
Instrument :
BNA_N
ClientSampleId :
DBXX3



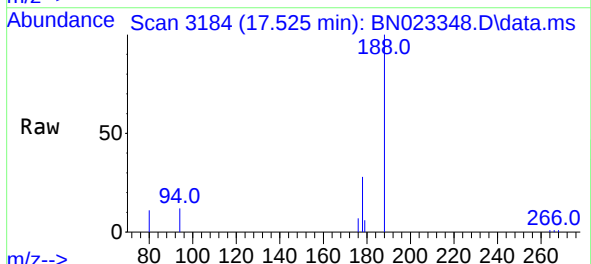
Tgt Ion:178 Resp: 10125
Ion Ratio Lower Upper
178 100
179 17.1 12.5 18.7
176 20.4 15.7 23.5

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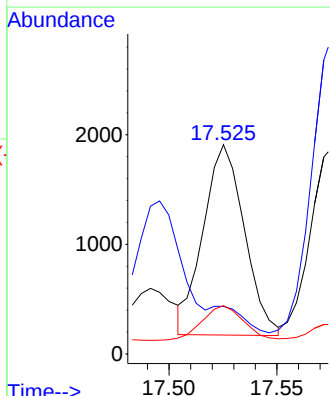
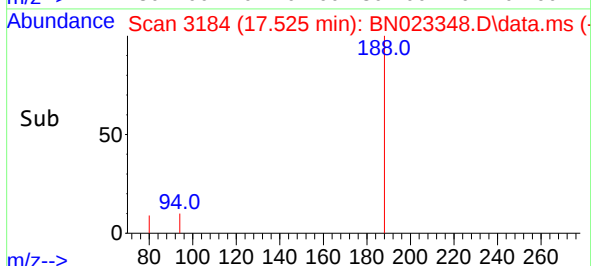
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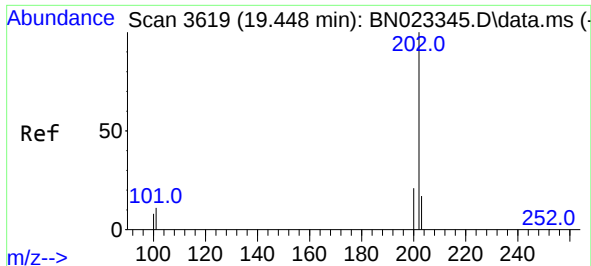


#16
Anthracene
Concen: 0.029 ng/u1
RT: 17.525 min Scan# 3184
Delta R.T. -0.001 min
Lab File: BN023348.D
Acq: 22 Dec 2022 20:34



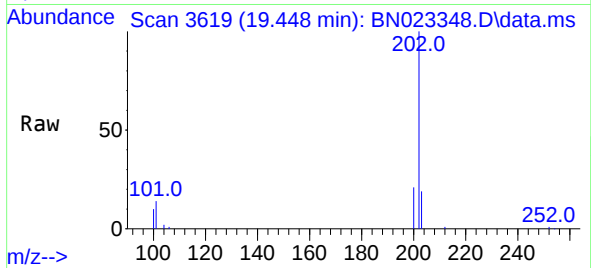
Tgt Ion:178 Resp: 2299
Ion Ratio Lower Upper
178 100
179 22.7 12.6 18.8#
176 23.1 15.4 23.0#





#19
Fluoranthene
Concen: 0.246 ng/ul
RT: 19.448 min Scan# 3619
Delta R.T. -0.001 min
Lab File: BN023348.D
Acq: 22 Dec 2022 20:34

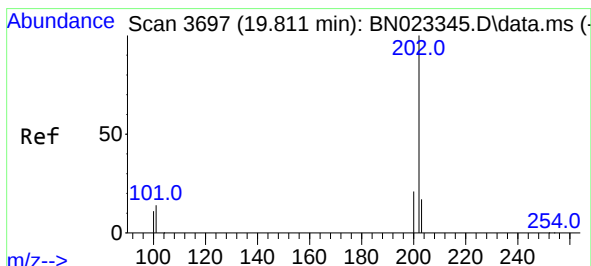
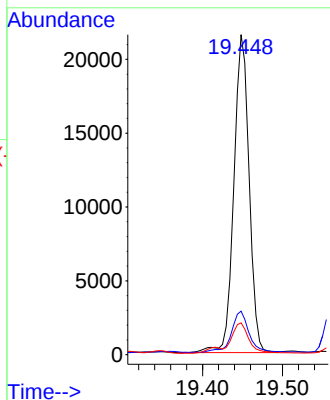
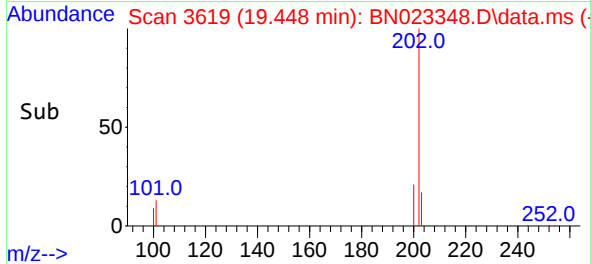
Instrument :
BNA_N
ClientSampleId :
DBXX3



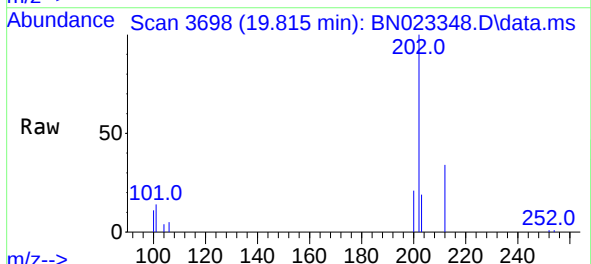
Tgt Ion:202 Resp: 2858
Ion Ratio Lower Upper
202 100
101 13.6 9.4 14.2
100 9.9 7.0 10.6

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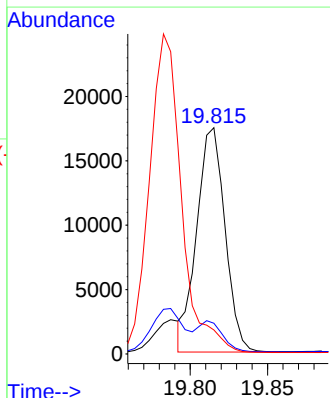
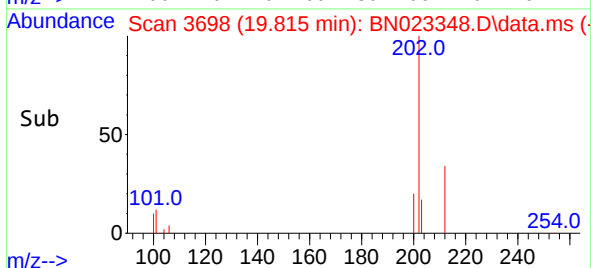
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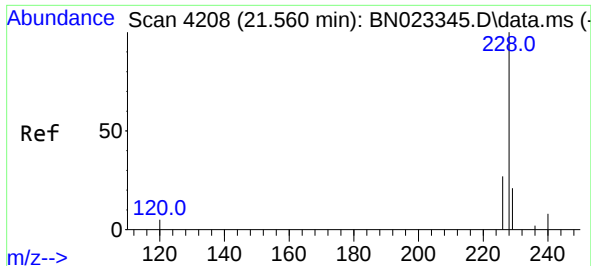


#20
Pyrene
Concen: 0.190 ng/ul m
RT: 19.815 min Scan# 3698
Delta R.T. 0.004 min
Lab File: BN023348.D
Acq: 22 Dec 2022 20:34



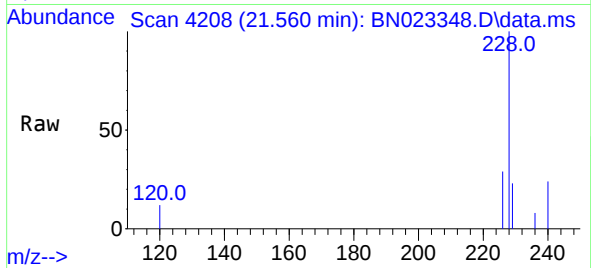
Tgt Ion:202 Resp: 22244
Ion Ratio Lower Upper
202 100
101 13.6 11.3 16.9
100 10.6 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.145 ng/ul
RT: 21.560 min Scan# 4208
Delta R.T. -0.001 min
Lab File: BN023348.D
Acq: 22 Dec 2022 20:34

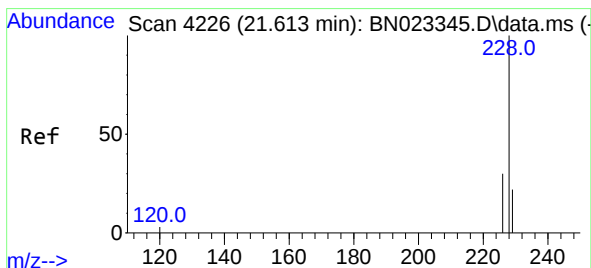
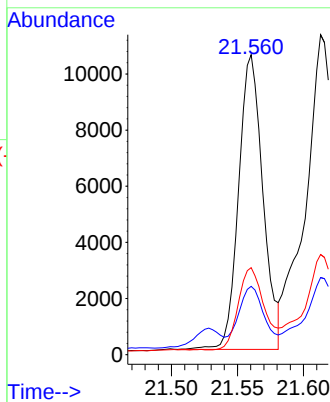
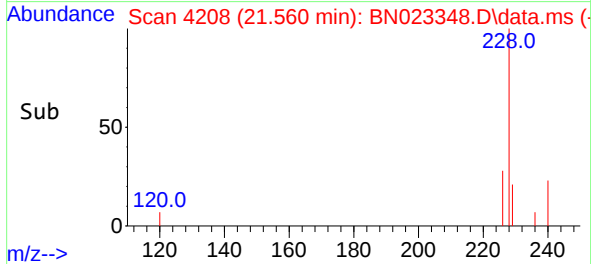
Instrument :
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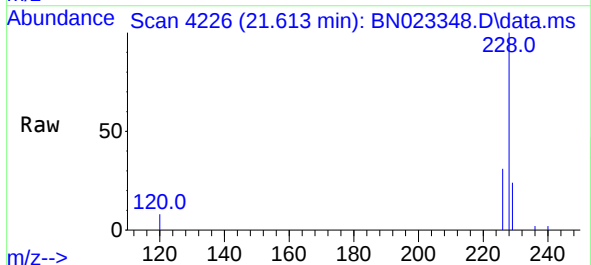
Tgt Ion:228 Resp: 13474
Ion Ratio Lower Upper
228 100
229 22.8 15.6 23.4
226 29.0 22.2 33.2

Manual Integrations
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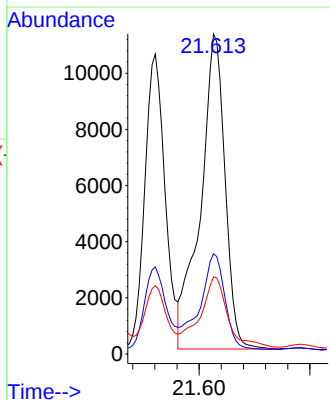
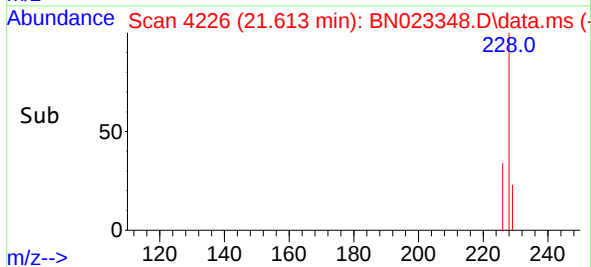
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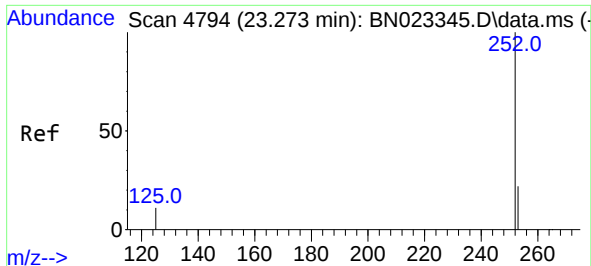


#22
Chrysene
Concen: 0.183 ng/ul
RT: 21.613 min Scan# 4226
Delta R.T. -0.004 min
Lab File: BN023348.D
Acq: 22 Dec 2022 20:34



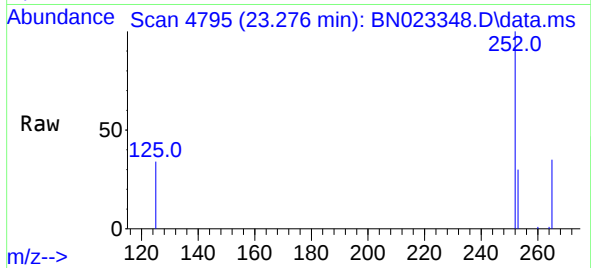
Tgt Ion:228 Resp: 17289
Ion Ratio Lower Upper
228 100
226 31.3 24.3 36.5
229 24.1 15.8 23.6#





#24
Benzo(b)fluoranthene
Concen: 0.221 ng/ul m
RT: 23.276 min Scan# 4795
Delta R.T. 0.002 min
Lab File: BN023348.D
Acq: 22 Dec 2022 20:34

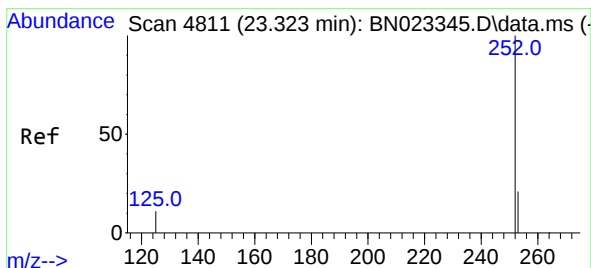
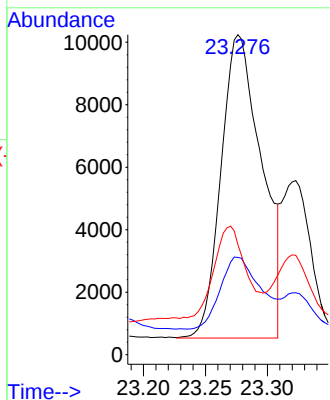
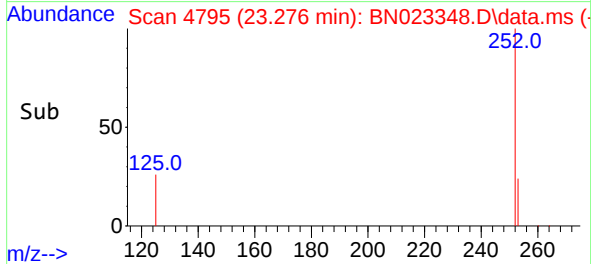
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ClientSampleId :
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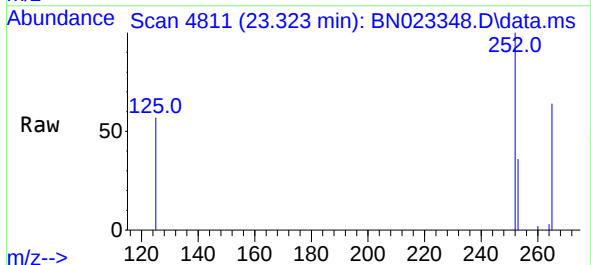
Tgt Ion:252 Resp: 2219
Ion Ratio Lower Upper
252 100
253 30.4 0.0 49.2
125 34.4 0.0 31.8

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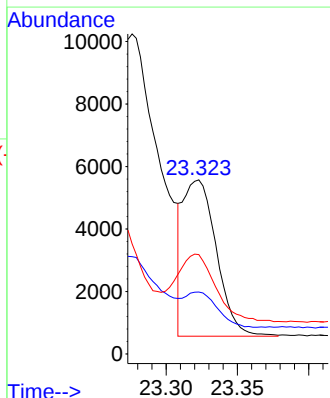
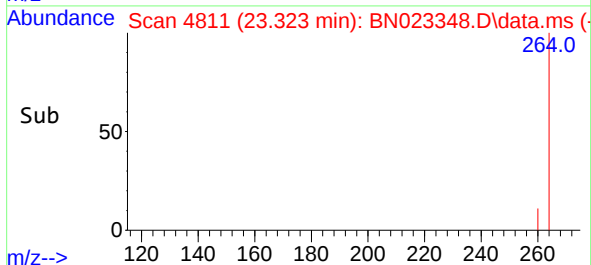
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

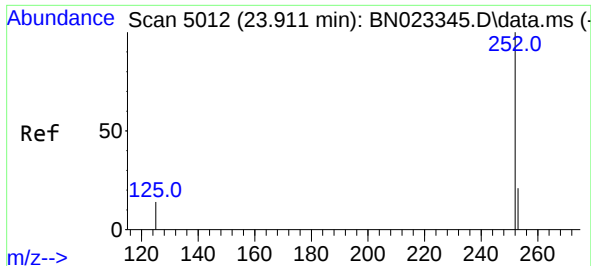


#25
Benzo(k)fluoranthene
Concen: 0.086 ng/ul m
RT: 23.323 min Scan# 4811
Delta R.T. -0.001 min
Lab File: BN023348.D
Acq: 22 Dec 2022 20:34



Tgt Ion:252 Resp: 8130
Ion Ratio Lower Upper
252 100
253 35.6 19.8 29.6#
125 57.1 12.6 18.8#





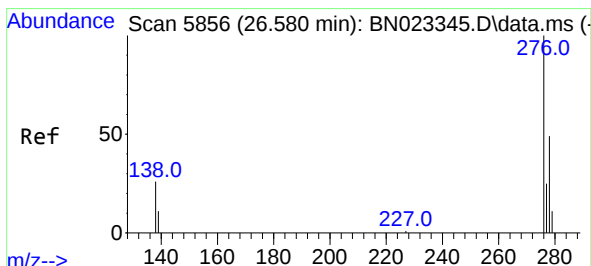
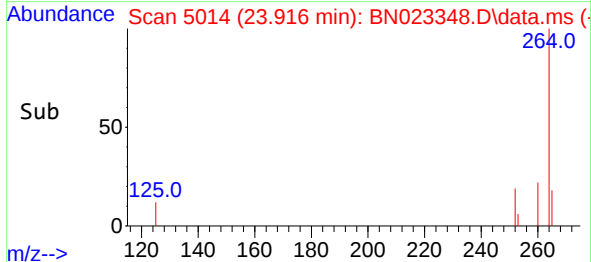
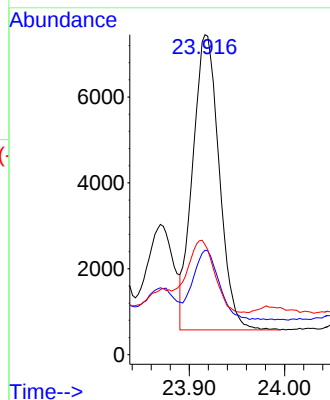
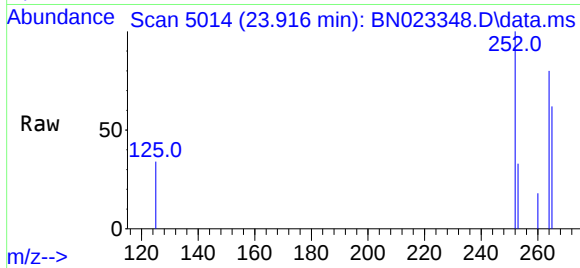
#26
Benzo(a)pyrene
Concen: 0.167 ng/ul
RT: 23.916 min Scan# 5014
Delta R.T. 0.002 min
Lab File: BN023348.D
Acq: 22 Dec 2022 20:34

Instrument :
BNA_N
ClientSampleId :
DBXX3

Tgt Ion:252 Resp: 13270
Ion Ratio Lower Upper
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253 32.7 21.4 32.2
125 34.4 16.2 24.4

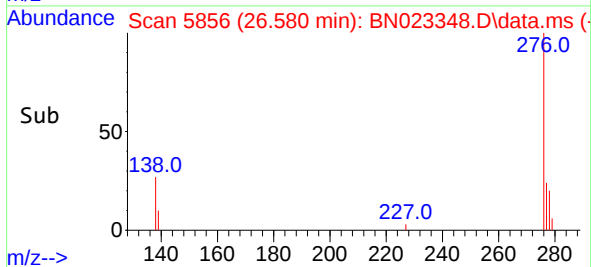
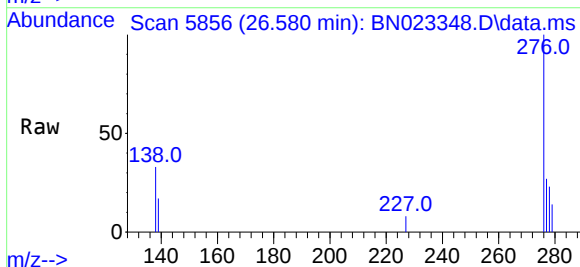
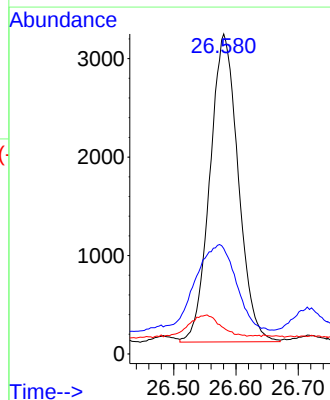
Manual Integrations
APPROVED

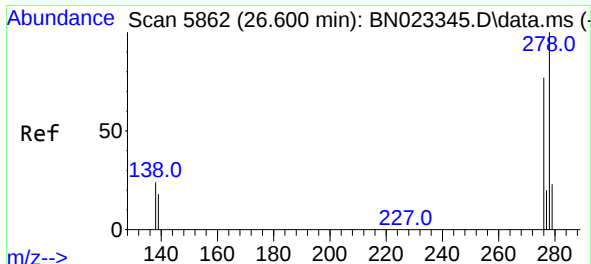
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.106 ng/ul
RT: 26.580 min Scan# 5856
Delta R.T. 0.003 min
Lab File: BN023348.D
Acq: 22 Dec 2022 20:34

Tgt Ion:276 Resp: 9870
Ion Ratio Lower Upper
276 100
138 39.4 23.4 35.2
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.042 ng/ul

RT: 26.600 min Scan# 5862

Delta R.T. -0.001 min

Lab File: BN023348.D

Acq: 22 Dec 2022 20:34

Instrument :

BNA_N

ClientSampleId :

DBXX3

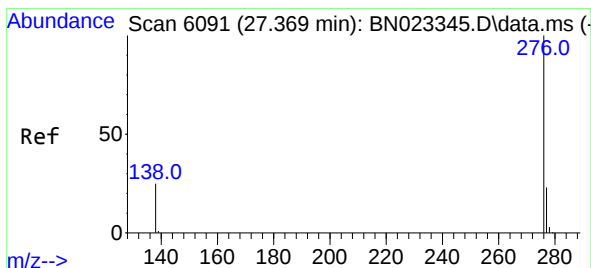
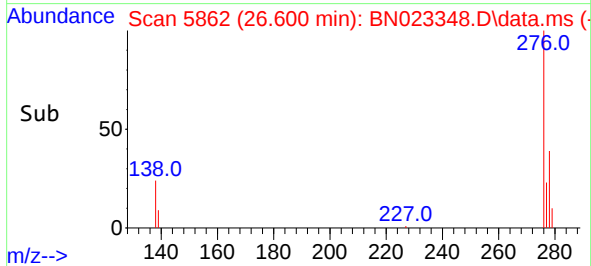
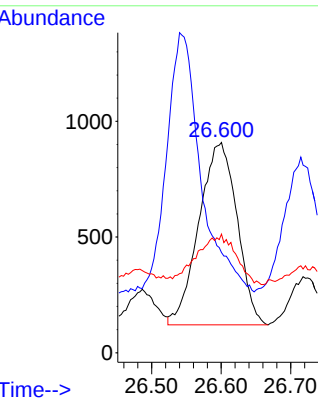
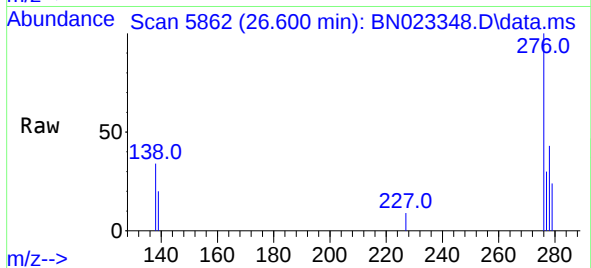
Tgt Ion:278 Resp: 2994

Ion	Ratio	Lower	Upper
278	100		
139	47.6	16.6	24.8
279	56.4	21.3	31.9

Manual Integrations

APPROVED

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



#29

Benzo(g,h,i)perylene

Concen: 0.143 ng/ul

RT: 27.375 min Scan# 6093

Delta R.T. 0.006 min

Lab File: BN023348.D

Acq: 22 Dec 2022 20:34

Tgt Ion:276 Resp: 10797

Ion	Ratio	Lower	Upper
276	100		
138	89.6	20.3	30.5
277	27.4	19.7	29.5

