

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
 Data File : BN030256.D
 Acq On : 04 Mar 2024 14:37
 Operator : MA/JU
 Sample : P1512-02
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EOS93

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/05/2024
 Supervised By :mohammad ahmed 03/05/2024

Quant Time: Mar 04 15:32:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 05:54:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	1674	0.400	ng/ul	0.00
4) Naphthalene-d8	10.622	136	4433	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.473	164	2140	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.229	188	4456	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.445	240	4053	0.400	ng/ul	# 0.00
23) Perylene-d12	23.792	264	4085m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	13349	5.760	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.222	152	2165	0.378	ng/ul	0.00
18) Fluoranthene-d10	19.266	212	4630	0.351	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.671	128	1813	0.139	ng/ul	96
7) 2-Methylnaphthalene	12.293	142	377	0.053	ng/ul	97
8) 1-Methylnaphthalene	12.519	142	206	0.027	ng/ul	96
10) Acenaphthylene	14.191	152	713	0.060	ng/ul#	79
11) Acenaphthene	14.538	153	293	0.033	ng/ul	94
12) Fluorene	15.523	166	582	0.065	ng/ul#	96
15) Phenanthrene	17.267	178	3472	0.232	ng/ul	99
16) Anthracene	17.360	178	958	0.073	ng/ul#	91
19) Fluoranthene	19.299	202	7237	0.402	ng/ul	97
20) Pyrene	19.661	202	6791m	0.347	ng/ul	
21) Benzo(a)anthracene	21.427	228	3482	0.243	ng/ul	92
22) Chrysene	21.480	228	3581	0.208	ng/ul#	94
24) Benzo(b)fluoranthene	23.081	252	5703m	0.362	ng/ul	
25) Benzo(k)fluoranthene	23.125	252	2469m	0.133	ng/ul	
26) Benzo(a)pyrene	23.686	252	4462	0.278	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.222	276	3358	0.164	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.249	278	885	0.056	ng/ul#	28
29) Benzo(g,h,i)perylene	26.964	276	3694	0.194	ng/ul	97

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

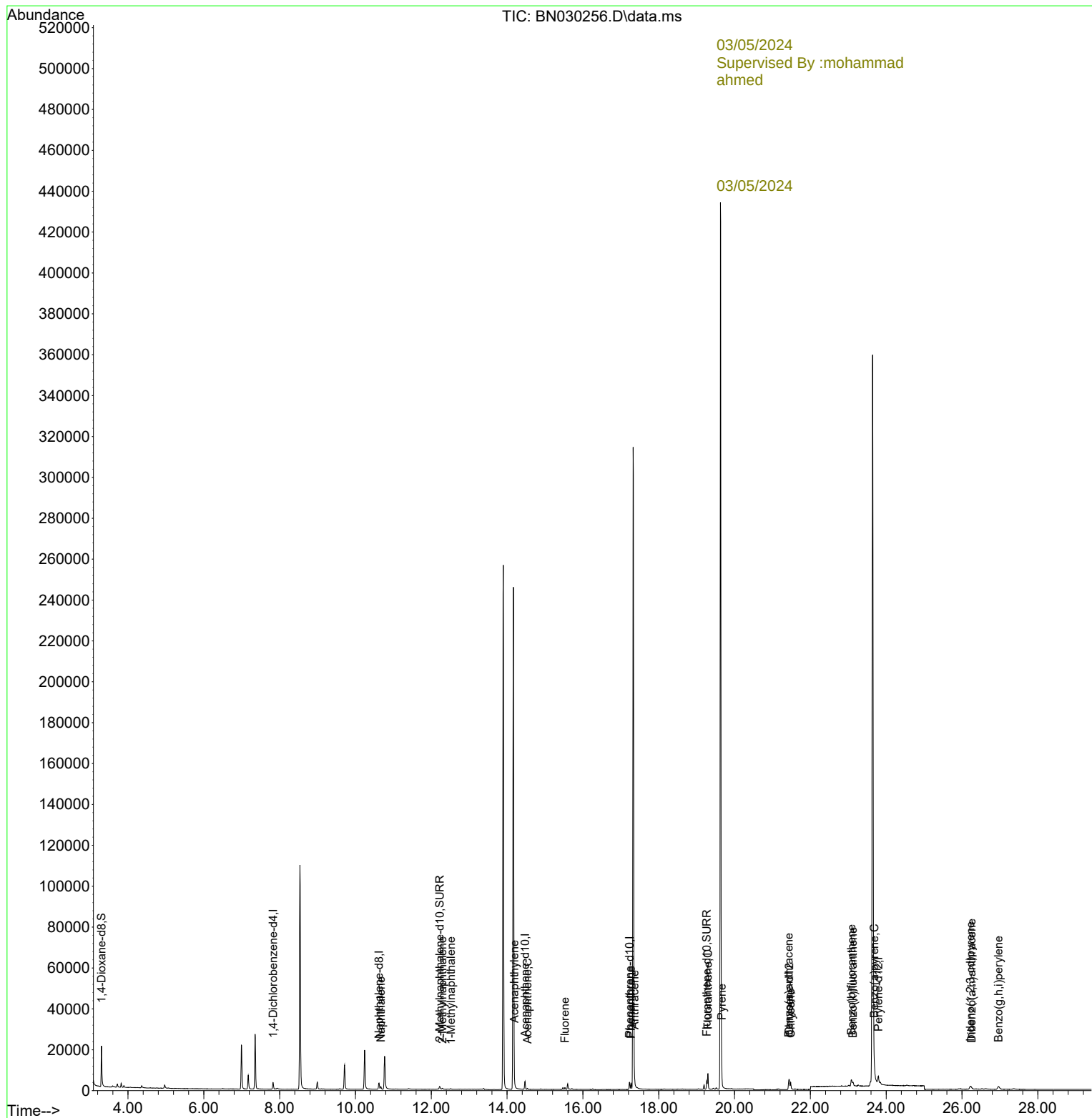
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
Data File : BN030256.D
Acq On : 04 Mar 2024 14:37
Operator : MA/JU
Sample : P1512-02
Misc :
ALS Vial : 79 Sample Multiplier: 1

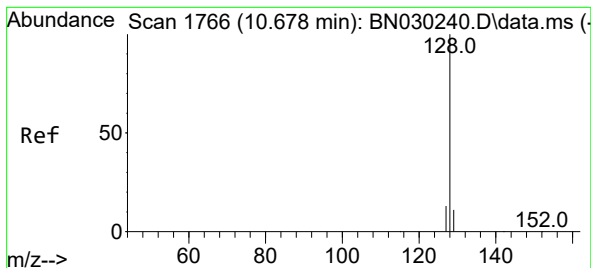
Instrument :
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E0S93

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QLast Update : Mon Mar 04 05:54:20 2024
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#5

Naphthalene

Concen: 0.139 ng/ul

RT: 10.671 min Scan# 1765

Delta R.T. -0.007 min

Lab File: BN030256.D

Acq: 04 Mar 2024 14:37

Instrument :

BNA_N

ClientSampleId :

E0S93

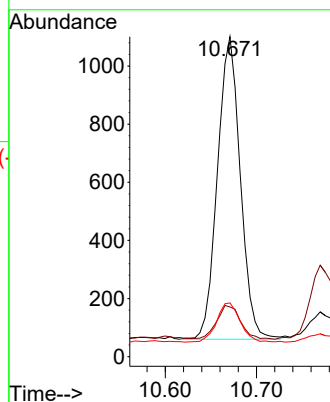
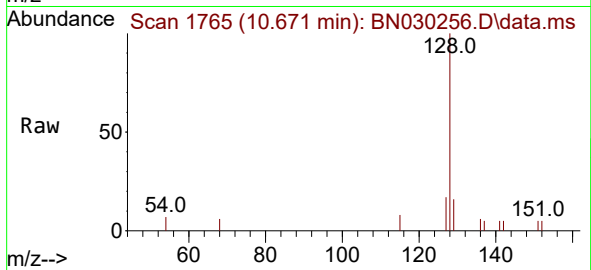
Tgt Ion:	128	Resp:	181
Ion Ratio	Lower	Upper	
128	100		
129	15.5	11.0	16.4
127	16.8	12.3	18.5

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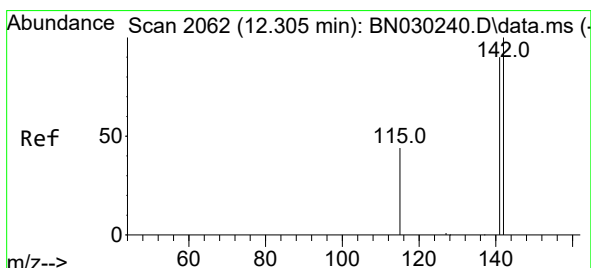
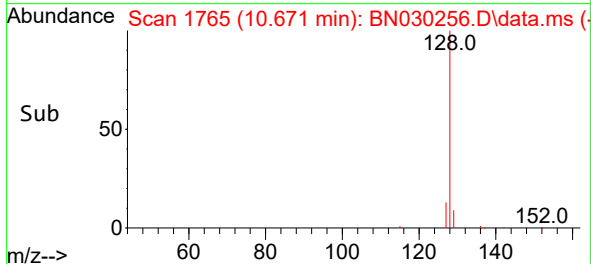
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#7

2-Methylnaphthalene

Concen: 0.053 ng/ul

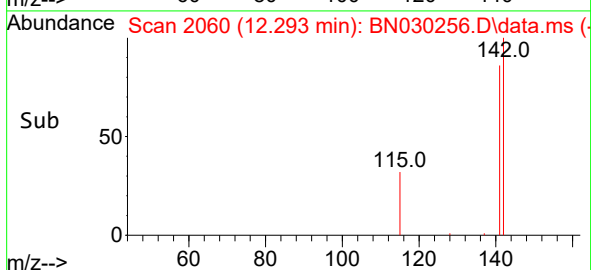
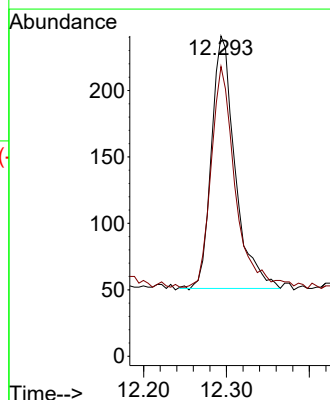
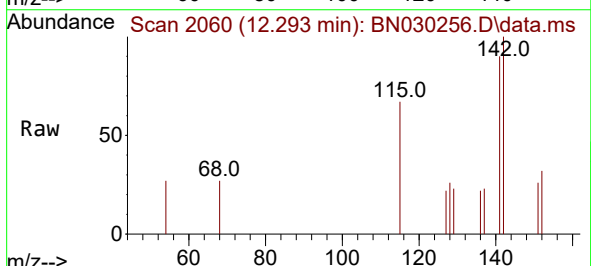
RT: 12.293 min Scan# 2060

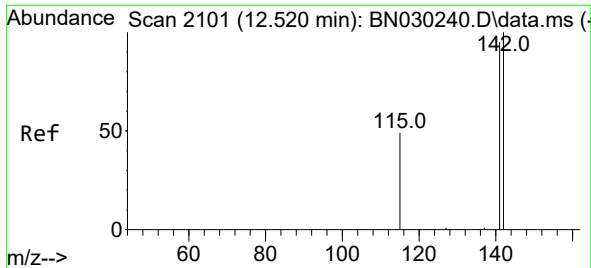
Delta R.T. -0.012 min

Lab File: BN030256.D

Acq: 04 Mar 2024 14:37

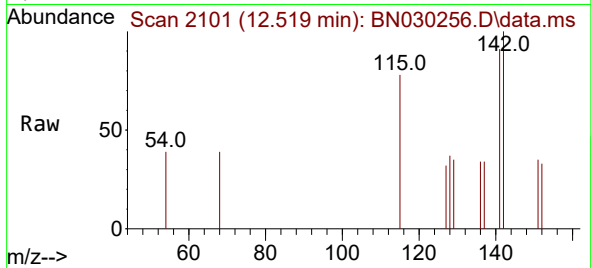
Tgt Ion:	142	Resp:	377
Ion Ratio	Lower	Upper	
142	100		
141	88.1	72.8	109.2





#8
1-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. -0.001 min
Lab File: BN030256.D
Acq: 04 Mar 2024 14:37

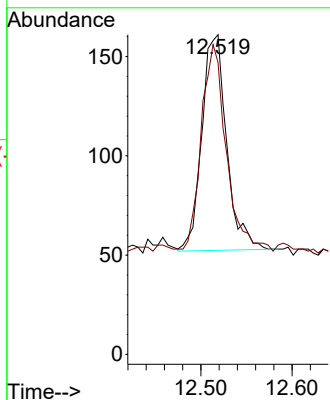
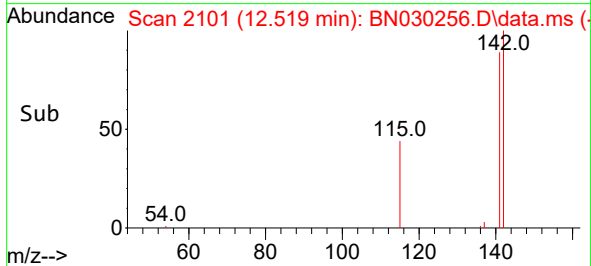
Instrument :
BNA_N
ClientSampleId :
E0S93



Tgt Ion:142 Resp: 200
Ion Ratio Lower Upper
142 100
141 96.6 74.2 111.2

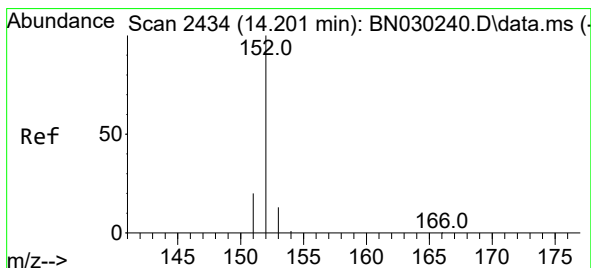
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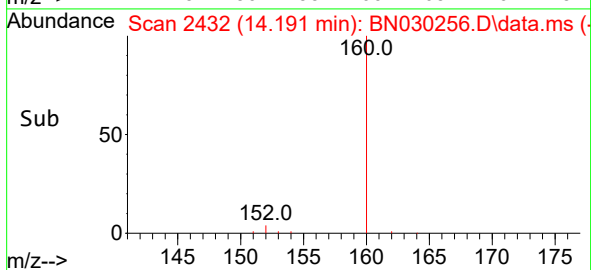
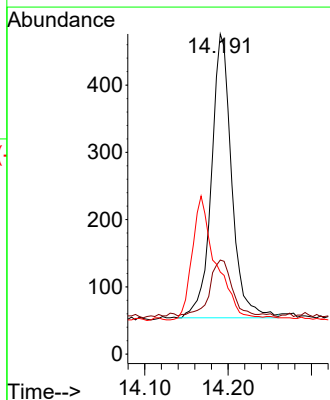
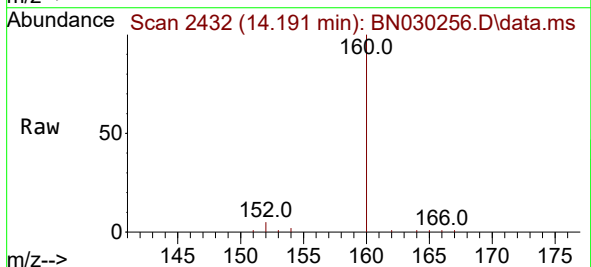
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ahmed

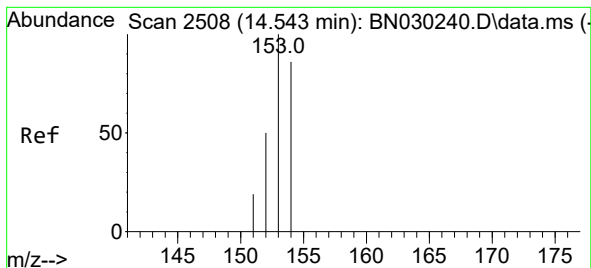
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#10
Acenaphthylene
Concen: 0.060 ng/ul
RT: 14.191 min Scan# 2432
Delta R.T. -0.010 min
Lab File: BN030256.D
Acq: 04 Mar 2024 14:37

Tgt Ion:152 Resp: 713
Ion Ratio Lower Upper
152 100
151 29.4 16.9 25.3#
153 25.6 11.8 17.6#





#11

Acenaphthene

Concen: 0.033 ng/ul

RT: 14.538 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN030256.D

Acq: 04 Mar 2024 14:37

Instrument :

BNA_N

ClientSampleId :

E0S93

Tgt Ion:153 Resp: 291

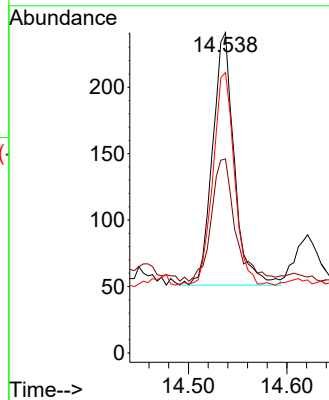
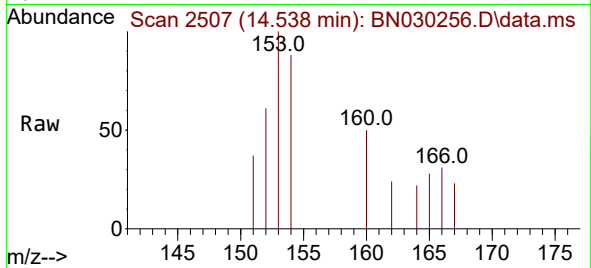
Ion	Ratio	Lower	Upper
153	100		
152	60.6	43.2	64.8
154	87.6	67.5	101.3

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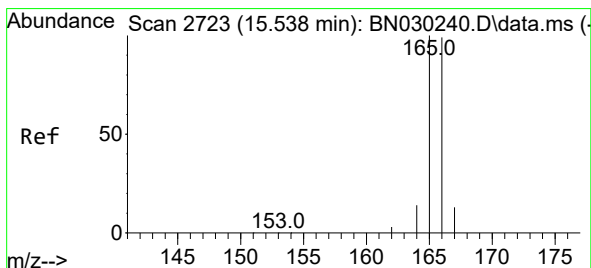
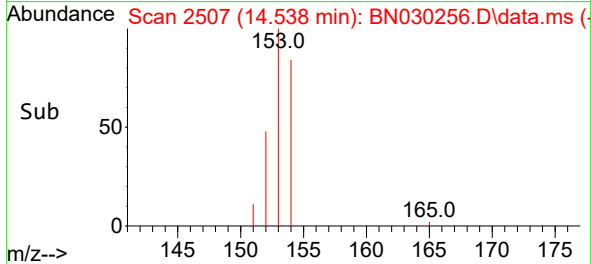
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#12

Fluorene

Concen: 0.065 ng/ul

RT: 15.523 min Scan# 2720

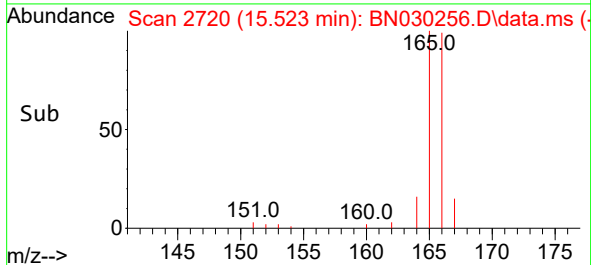
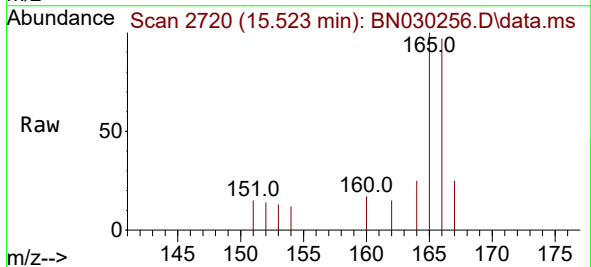
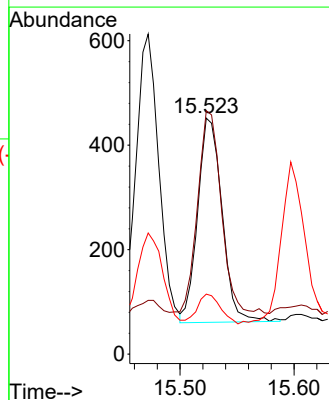
Delta R.T. -0.015 min

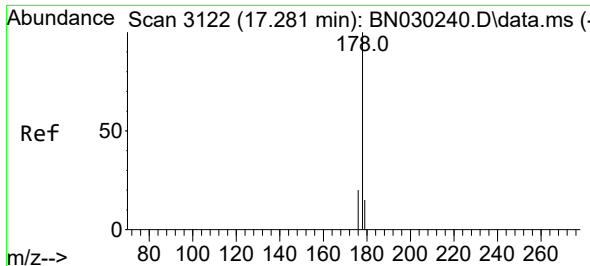
Lab File: BN030256.D

Acq: 04 Mar 2024 14:37

Tgt Ion:166 Resp: 582

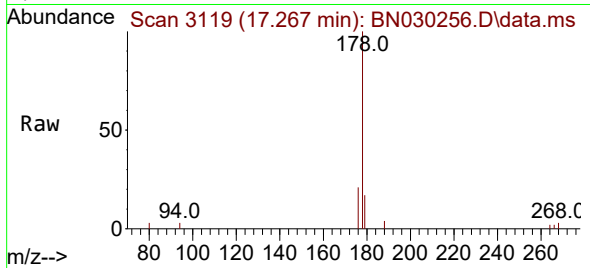
Ion	Ratio	Lower	Upper
166	100		
165	103.1	81.8	122.6
167	25.4	13.0	19.4





#15
Phenanthrene
Concen: 0.232 ng/ul
RT: 17.267 min Scan# 3119
Delta R.T. -0.014 min
Lab File: BN030256.D
Acq: 04 Mar 2024 14:37

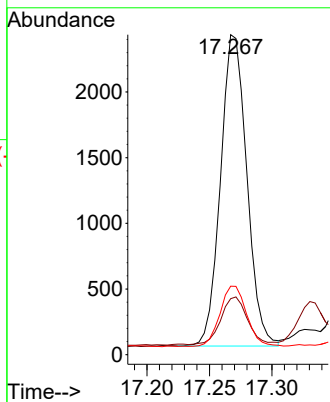
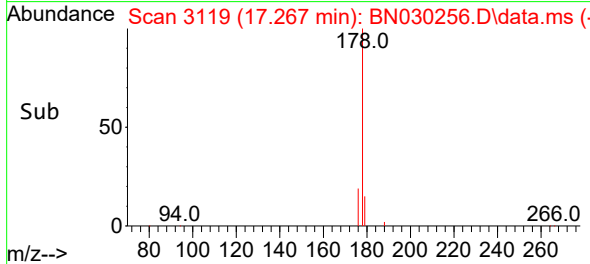
Instrument :
BNA_N
ClientSampleId :
E0S93



Tgt Ion:178 Resp: 3472
Ion Ratio Lower Upper
178 100
179 17.5 13.8 20.8
176 21.4 16.6 25.0

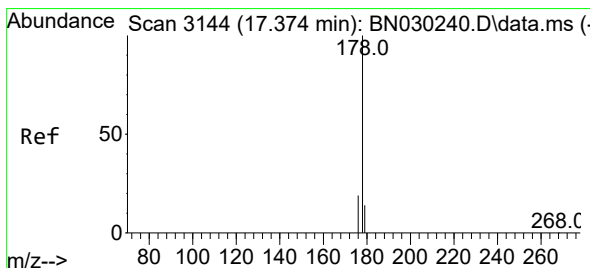
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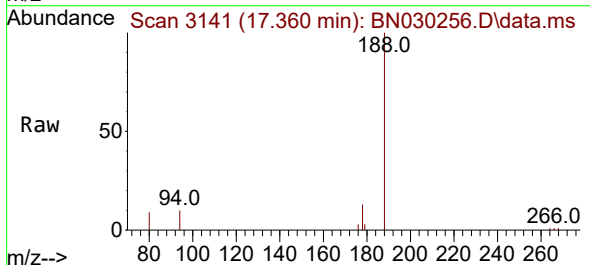


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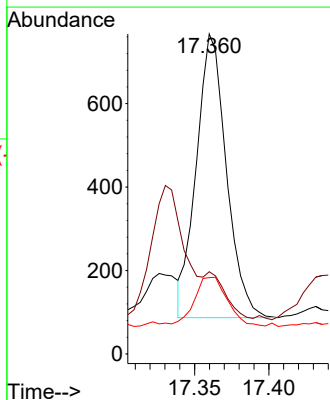
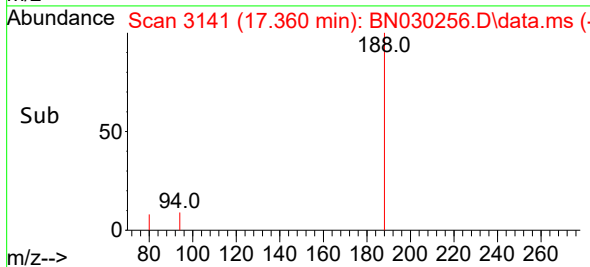
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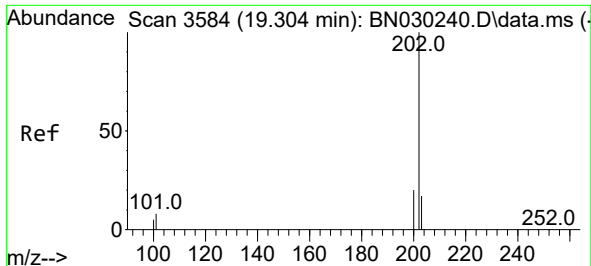


#16
Anthracene
Concen: 0.073 ng/ul
RT: 17.360 min Scan# 3141
Delta R.T. -0.014 min
Lab File: BN030256.D
Acq: 04 Mar 2024 14:37



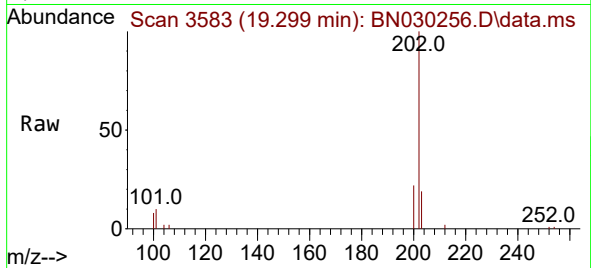
Tgt Ion:178 Resp: 958
Ion Ratio Lower Upper
178 100
179 25.7 14.8 22.2#
176 23.9 17.8 26.6





#19
Fluoranthene
Concen: 0.402 ng/ul
RT: 19.299 min Scan# 3583
Delta R.T. -0.006 min
Lab File: BN030256.D
Acq: 04 Mar 2024 14:37

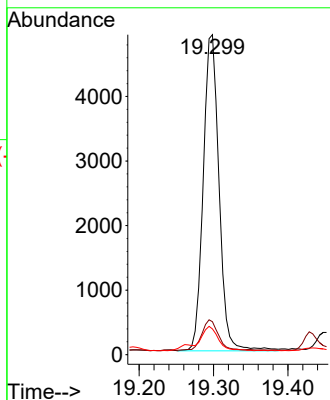
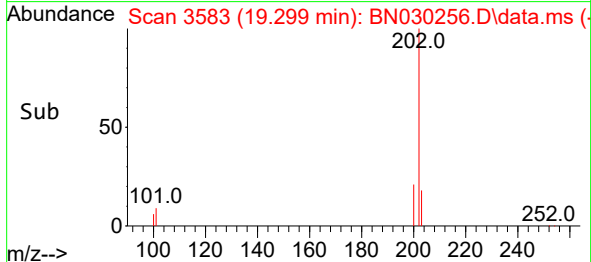
Instrument :
BNA_N
ClientSampleId :
E0S93



Tgt Ion:202 Resp: 7231
Ion Ratio Lower Upper
202 100
101 10.3 8.8 13.2
100 8.0 7.4 11.2

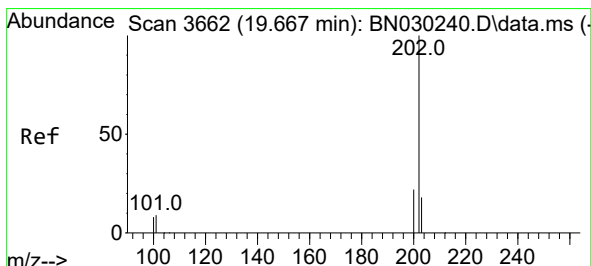
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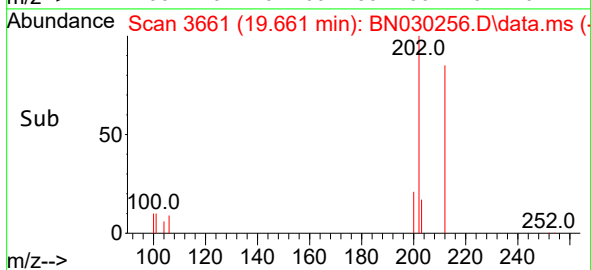
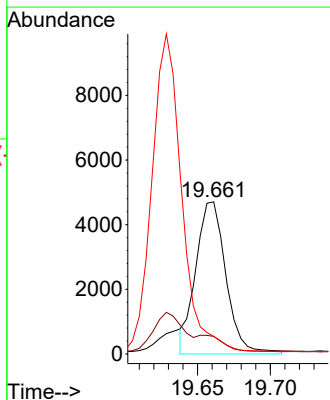
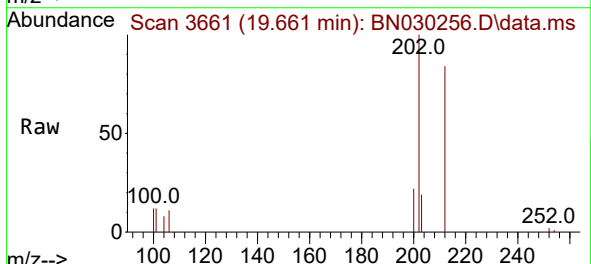
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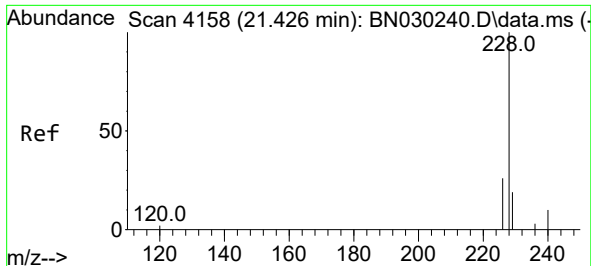
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#20
Pyrene
Concen: 0.347 ng/ul m
RT: 19.661 min Scan# 3661
Delta R.T. -0.006 min
Lab File: BN030256.D
Acq: 04 Mar 2024 14:37

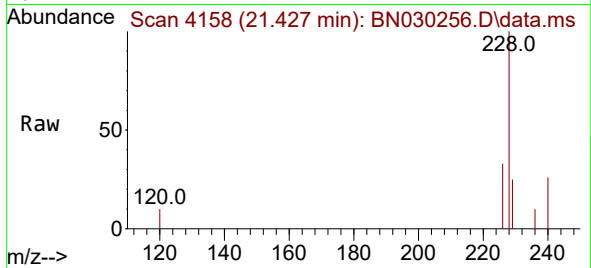
Tgt Ion:202 Resp: 6791
Ion Ratio Lower Upper
202 100
101 11.6 10.6 15.8
100 11.6 8.8 13.2





#21
Benzo(a)anthracene
Concen: 0.243 ng/ul
RT: 21.427 min Scan# 4158
Delta R.T. 0.001 min
Lab File: BN030256.D
Acq: 04 Mar 2024 14:37

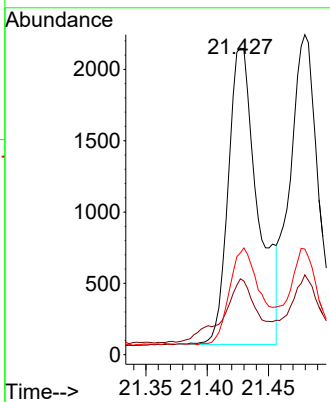
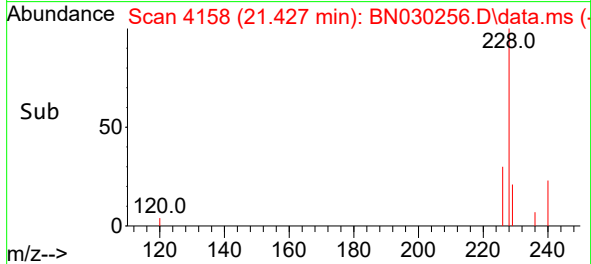
Instrument :
BNA_N
ClientSampleId :
E0S93



Tgt Ion:228 Resp: 3481
Ion Ratio Lower Upper
228 100
229 24.8 16.6 24.8
226 33.2 23.7 35.5

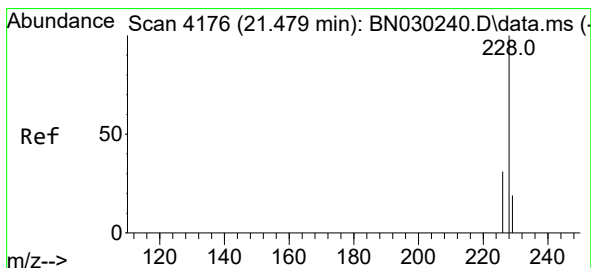
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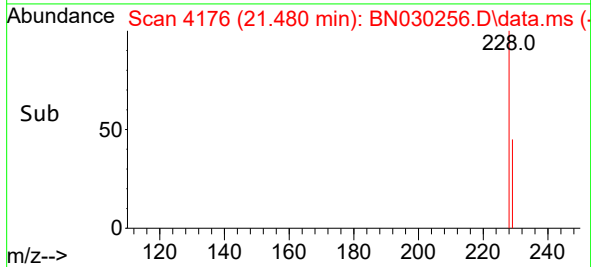
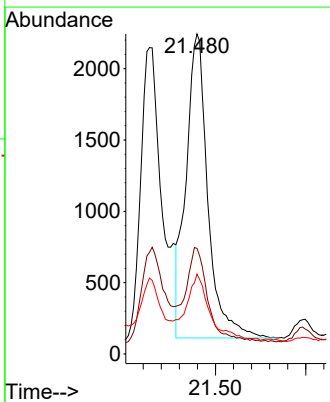
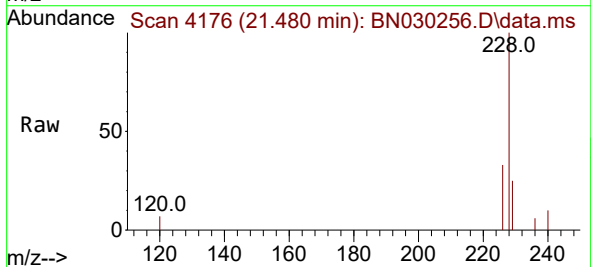
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ahmed

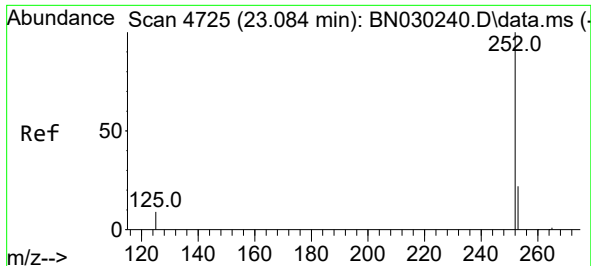
03/05/2024



#22
Chrysene
Concen: 0.208 ng/ul
RT: 21.480 min Scan# 4176
Delta R.T. 0.001 min
Lab File: BN030256.D
Acq: 04 Mar 2024 14:37

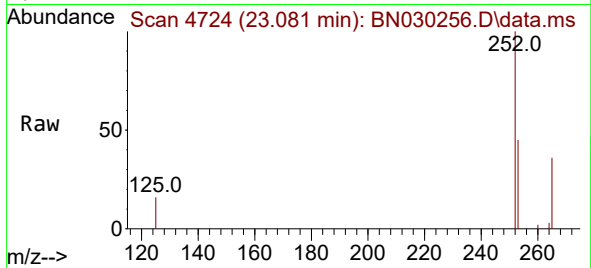
Tgt Ion:228 Resp: 3581
Ion Ratio Lower Upper
228 100
226 33.0 24.6 37.0
229 25.0 16.6 24.8





#24
Benzo(b)fluoranthene
Concen: 0.362 ng/ul m
RT: 23.081 min Scan# 4725
Delta R.T. -0.002 min
Lab File: BN030256.D
Acq: 04 Mar 2024 14:37

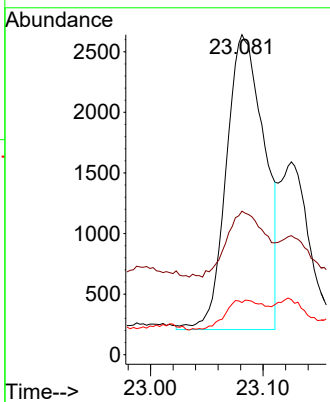
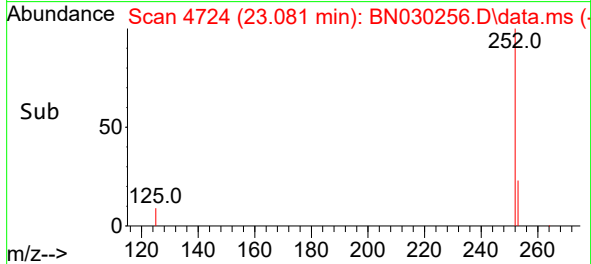
Instrument :
BNA_N
ClientSampleId :
E0S93



Tgt Ion:252 Resp: 570
Ion Ratio Lower Upper
252 100
253 44.8 0.0 69.4
125 16.3 0.0 32.8

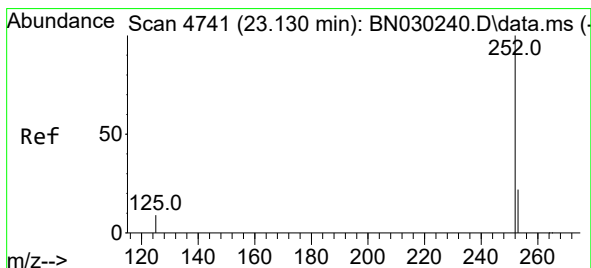
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Supervised By :mohammad ahmed 03/05/2024



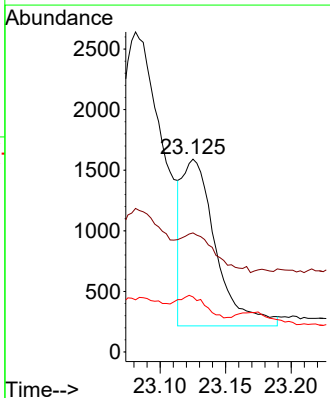
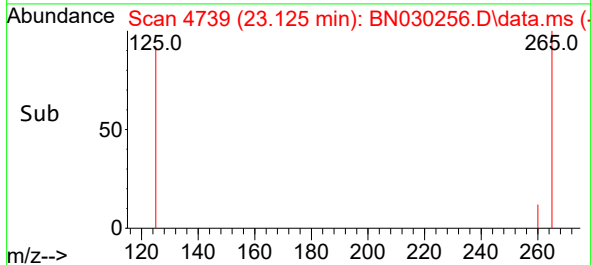
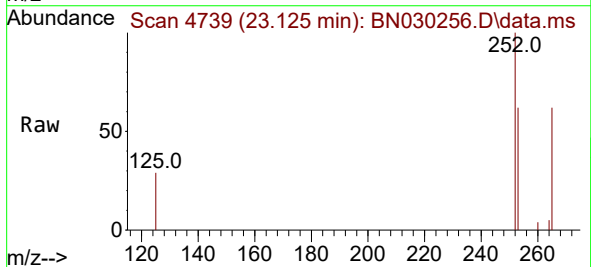
03/05/2024
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ahmed

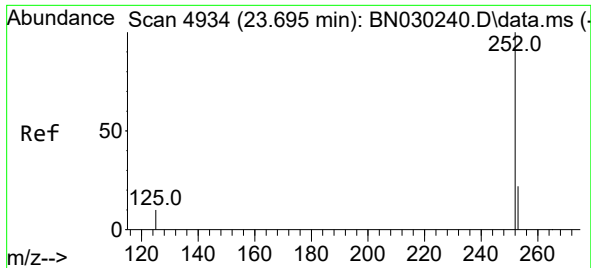
03/05/2024



#25
Benzo(k)fluoranthene
Concen: 0.133 ng/ul m
RT: 23.125 min Scan# 4739
Delta R.T. -0.005 min
Lab File: BN030256.D
Acq: 04 Mar 2024 14:37

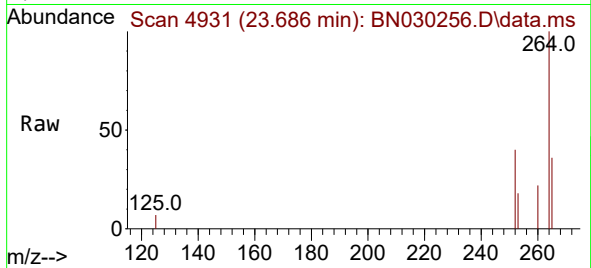
Tgt Ion:252 Resp: 2469
Ion Ratio Lower Upper
252 100
253 61.8 28.0 42.0#
125 28.6 14.4 21.6#





#26
Benzo(a)pyrene
Concen: 0.278 ng/ul
RT: 23.686 min Scan# 4934
Delta R.T. -0.008 min
Lab File: BN030256.D
Acq: 04 Mar 2024 14:37

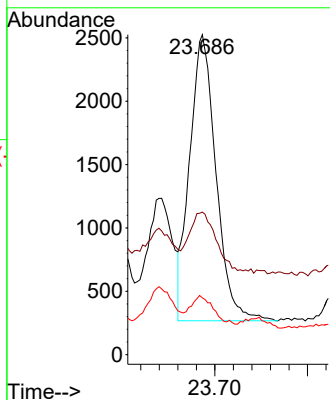
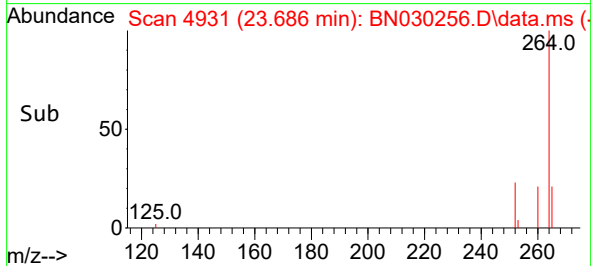
Instrument :
BNA_N
ClientSampleId :
E0S93



Tgt Ion:252 Resp: 446
Ion Ratio Lower Upper
252 100
253 44.6 33.0 49.4
125 17.7 16.9 25.3

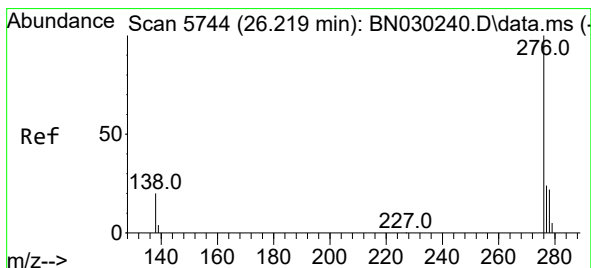
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/05/2024
Supervised By :mohammad ahmed 03/05/2024



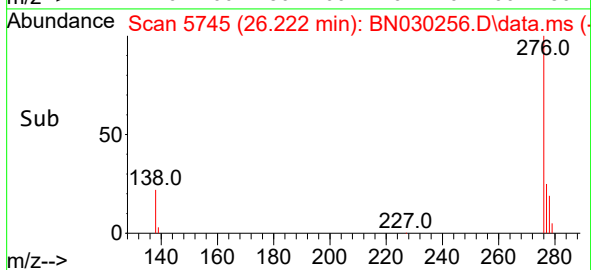
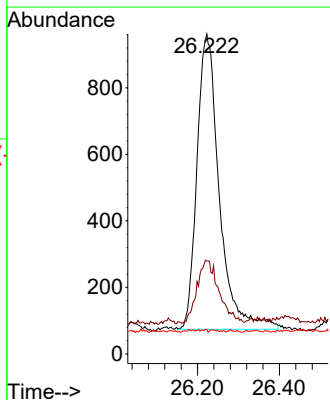
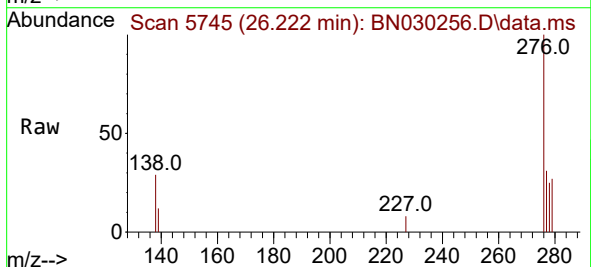
03/05/2024
Supervised By :mohammad
ahmed

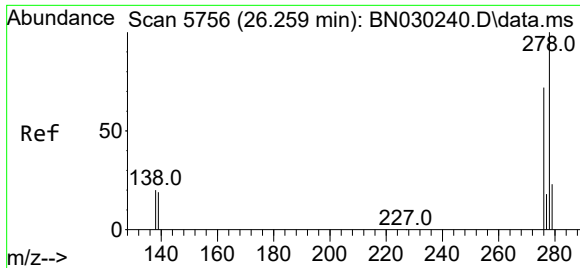
03/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.164 ng/ul
RT: 26.222 min Scan# 5745
Delta R.T. 0.004 min
Lab File: BN030256.D
Acq: 04 Mar 2024 14:37

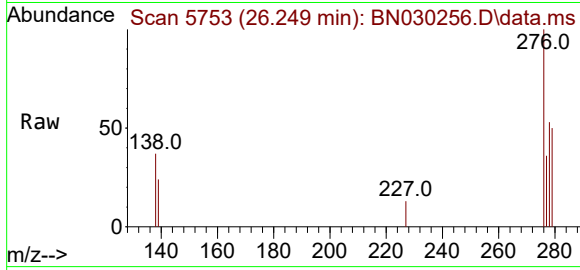
Tgt Ion:276 Resp: 3358
Ion Ratio Lower Upper
276 100
138 21.2 20.9 31.3
227 0.4 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.056 ng/ul
 RT: 26.249 min Scan# 5753
 Delta R.T. -0.010 min
 Lab File: BN030256.D
 Acq: 04 Mar 2024 14:37

Instrument :
 BNA_N
 ClientSampleId :
 E0S93

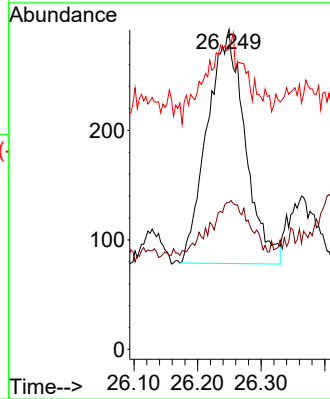
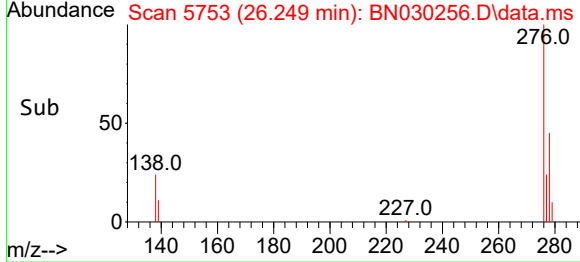


Tgt Ion: 278 Resp: 88

Ion	Ratio	Lower	Upper
278	100		
139	45.9	18.9	28.3
279	93.8	31.8	47.6

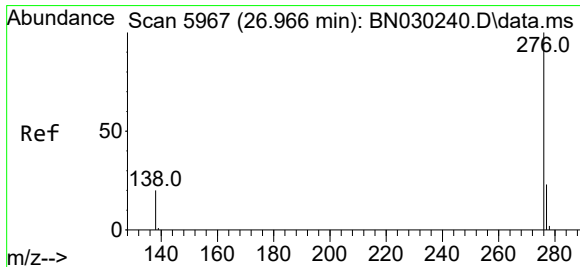
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/05/2024
 Supervised By :mohammad ahmed 03/05/2024



03/05/2024
 Supervised By :mohammad
 ahmed

03/05/2024



#29
 Benzo(g,h,i)perylene
 Concen: 0.194 ng/ul
 RT: 26.964 min Scan# 5966
 Delta R.T. -0.003 min
 Lab File: BN030256.D
 Acq: 04 Mar 2024 14:37

Tgt Ion: 276 Resp: 3694

Ion	Ratio	Lower	Upper
276	100		
138	29.5	22.6	33.8
277	29.0	21.9	32.9

