

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061824\
 Data File : BN032060.D
 Acq On : 19 Jun 2024 00:32
 Operator : MA/JU
 Sample : P2696-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BN1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 19 01:04:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 14:06:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.645	152	8892	0.400	ng/ul	0.00
4) Naphthalene-d8	10.426	136	31519	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.290	164	19872	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.037	188	44461	0.400	ng/ul	0.00
17) Chrysene-d12	21.229	240	33804	0.400	ng/ul	0.00
23) Perylene-d12	23.453	264	26832m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	22995	2.412	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.021	152	9610	0.188	ng/ul	0.00
18) Fluoranthene-d10	19.073	212	24542	0.240	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.475	128	2828	0.034	ng/ul#	87
10) Acenaphthylene	14.008	152	6803	0.080	ng/ul#	94
11) Acenaphthene	14.350	153	2840	0.045	ng/ul	98
12) Fluorene	15.340	166	3660	0.047	ng/ul#	97
15) Phenanthrene	17.079	178	96918	0.773	ng/ul	100
16) Anthracene	17.172	178	15605	0.138	ng/ul	97
19) Fluoranthene	19.101	202	263934	2.119	ng/ul	100
20) Pyrene	19.468	202	209006	1.602	ng/ul	97
21) Benzo(a)anthracene	21.215	228	101387	0.782	ng/ul	97
22) Chrysene	21.267	228	122755	0.950	ng/ul	98
24) Benzo(b)fluoranthene	22.784	252	148864m	1.263	ng/ul	
25) Benzo(k)fluoranthene	22.825	252	55115m	0.487	ng/ul	
26) Benzo(a)pyrene	23.354	252	82236	0.982	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.690	276	63468	0.562	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.697	278	15543	0.178	ng/ul#	75
29) Benzo(g,h,i)perylene	26.381	276	63332	0.705	ng/ul	99

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

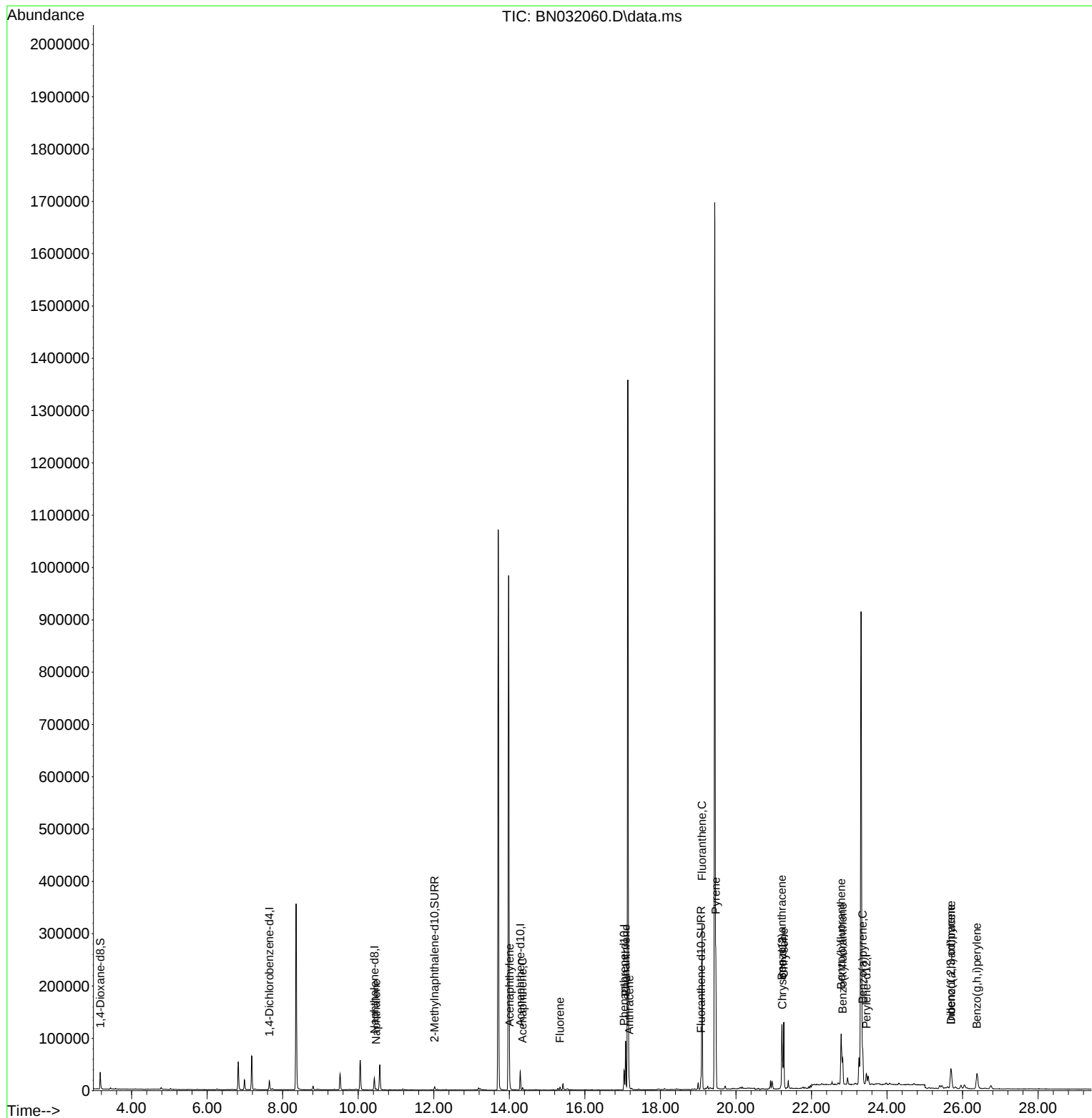
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061824\
Data File : BN032060.D
Acq On : 19 Jun 2024 00:32
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Sample : P2696-04
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ALS Vial : 17 Sample Multiplier: 1

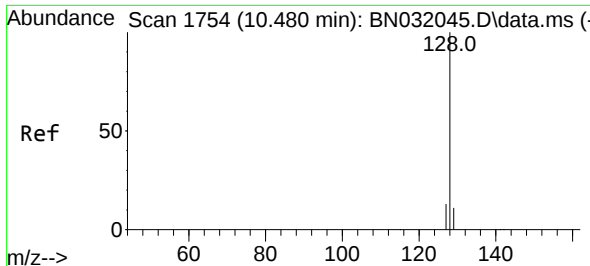
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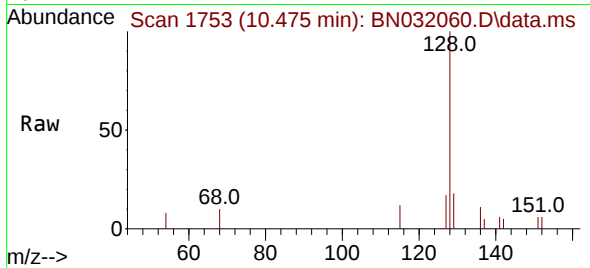
Quant Time: Jun 19 01:04:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 0.034 ng/ul
RT: 10.475 min Scan# 1753
Delta R.T. -0.005 min
Lab File: BN032060.D
Acq: 19 Jun 2024 00:32

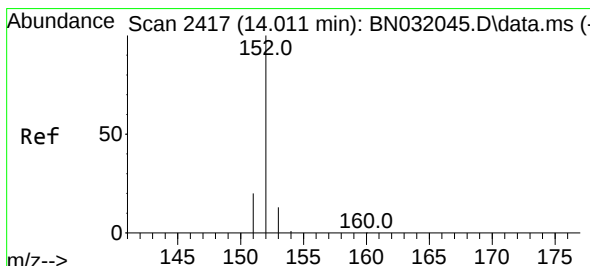
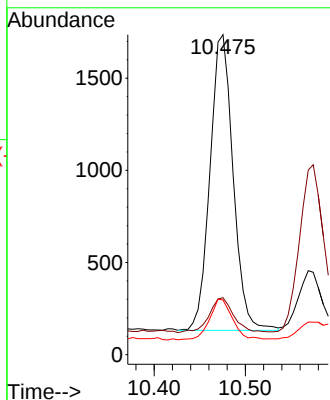
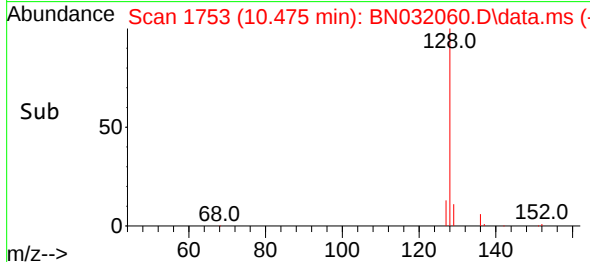
Instrument :
BNA_N
ClientSampleId :
A4BN1



Tgt Ion:128 Resp: 2828
Ion Ratio Lower Upper
128 100
129 17.8 9.3 13.9
127 17.1 10.3 15.5

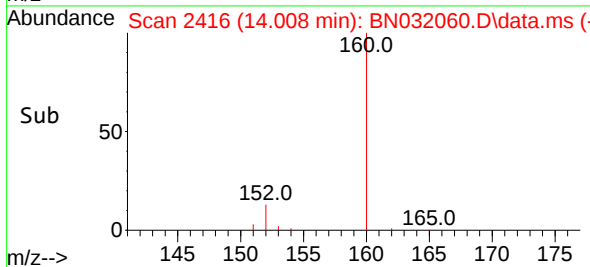
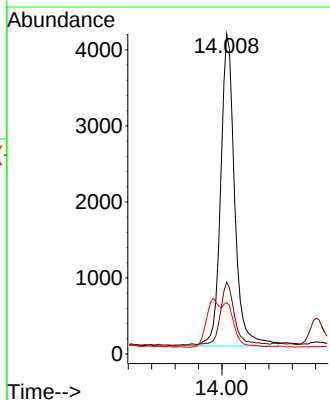
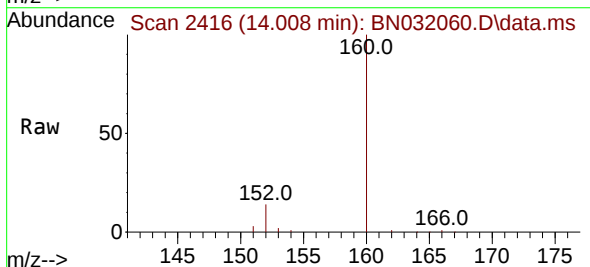
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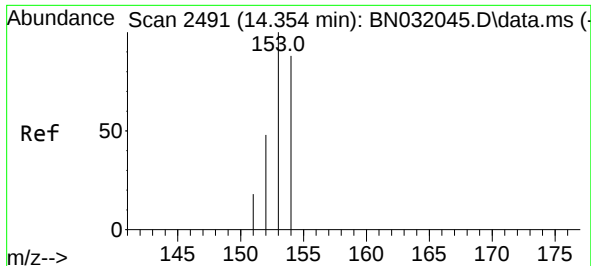
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#10
Acenaphthylene
Concen: 0.080 ng/ul
RT: 14.008 min Scan# 2416
Delta R.T. -0.004 min
Lab File: BN032060.D
Acq: 19 Jun 2024 00:32

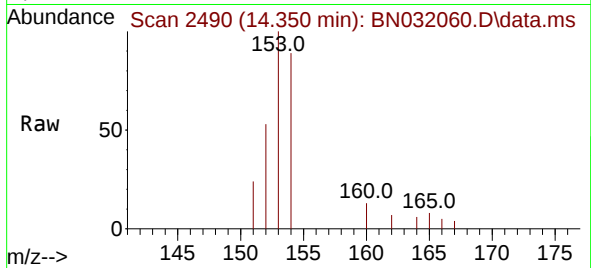
Tgt Ion:152 Resp: 6803
Ion Ratio Lower Upper
152 100
151 22.5 16.1 24.1
153 16.0 10.6 16.0





#11
Acenaphthene
Concen: 0.045 ng/u1
RT: 14.350 min Scan# 2491
Delta R.T. -0.004 min
Lab File: BN032060.D
Acq: 19 Jun 2024 00:32

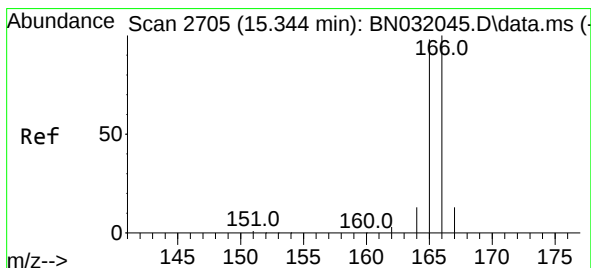
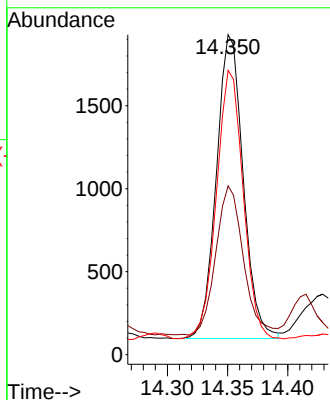
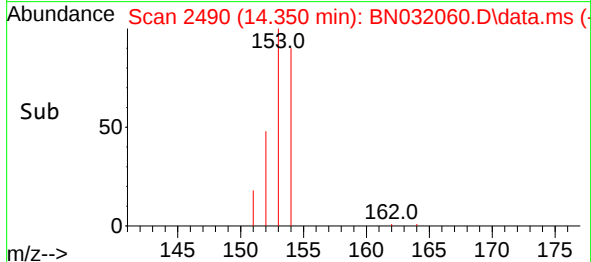
Instrument :
BNA_N
ClientSampleId :
A4BN1



Tgt Ion:153 Resp: 2840
Ion Ratio Lower Upper
153 100
152 52.7 39.4 59.2
154 88.8 71.2 106.8

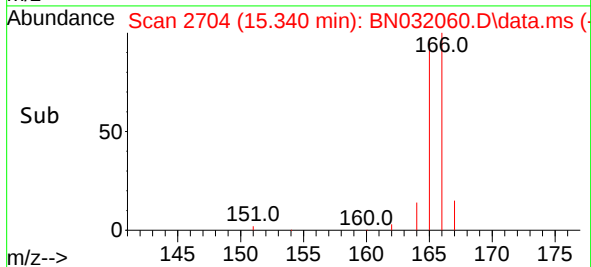
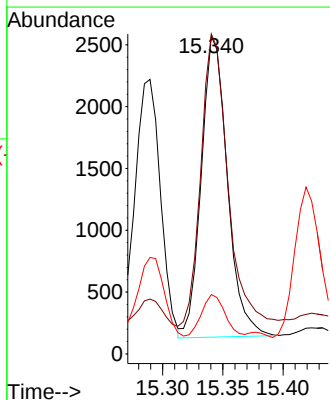
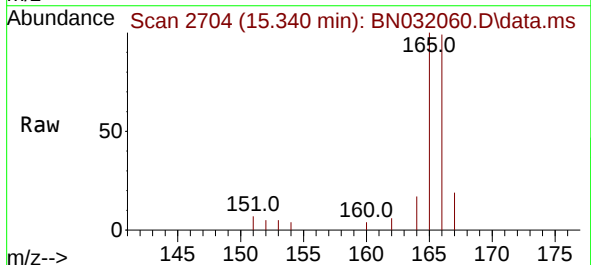
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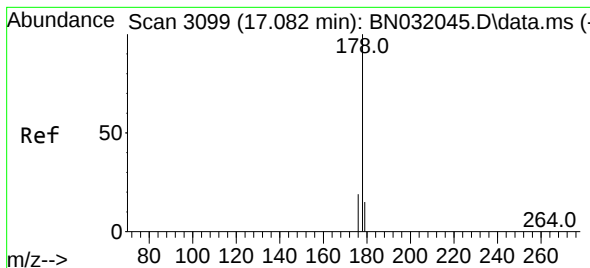
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#12
Fluorene
Concen: 0.047 ng/u1
RT: 15.340 min Scan# 2704
Delta R.T. -0.004 min
Lab File: BN032060.D
Acq: 19 Jun 2024 00:32

Tgt Ion:166 Resp: 3660
Ion Ratio Lower Upper
166 100
165 100.6 79.0 118.6
167 18.7 11.0 16.6#





#15

Phenanthrene

Concen: 0.773 ng/u1

RT: 17.079 min Scan# 3099

Delta R.T. -0.004 min

Lab File: BN032060.D

Acq: 19 Jun 2024 00:32

Instrument :

BN032060.D

ClientSampleId :

A4BN1

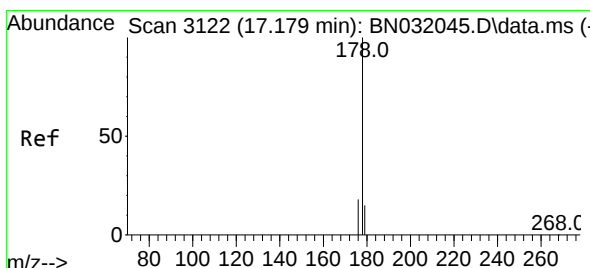
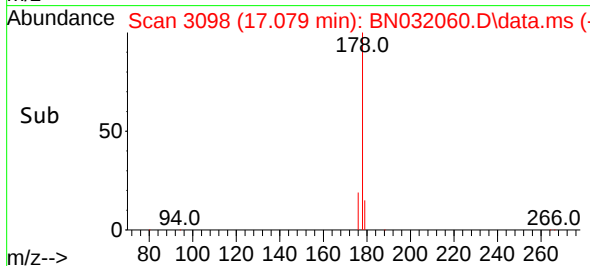
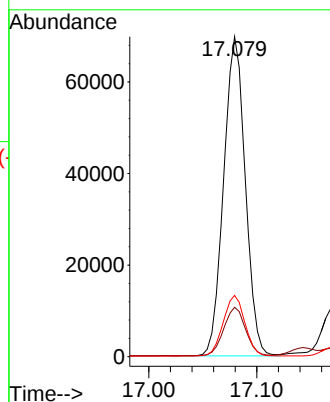
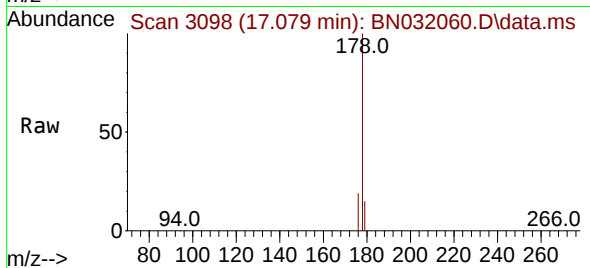
Tgt Ion:178 Resp: 96918

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.5	18.7
176	19.2	15.3	22.9

Manual Integrations

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Supervised By :mohammad ahmed 06/21/2024



#16

Anthracene

Concen: 0.138 ng/u1

RT: 17.172 min Scan# 3120

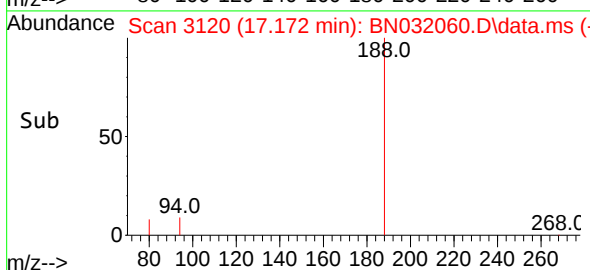
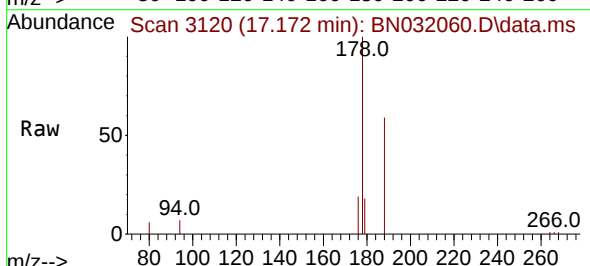
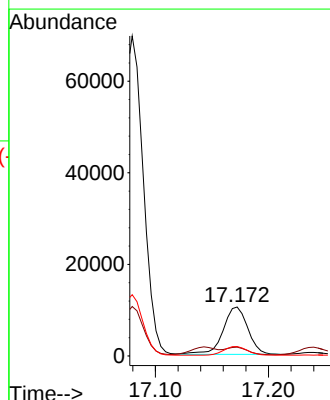
Delta R.T. -0.004 min

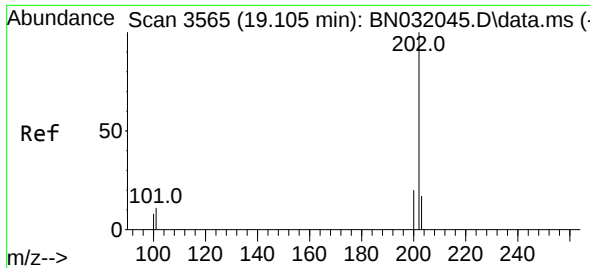
Lab File: BN032060.D

Acq: 19 Jun 2024 00:32

Tgt Ion:178 Resp: 15605

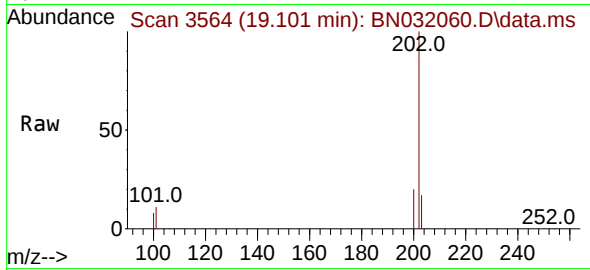
Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.7	19.1
176	19.4	14.8	22.2





#19
Fluoranthene
Concen: 2.119 ng/u1
RT: 19.101 min Scan# 3564
Delta R.T. -0.004 min
Lab File: BN032060.D
Acq: 19 Jun 2024 00:32

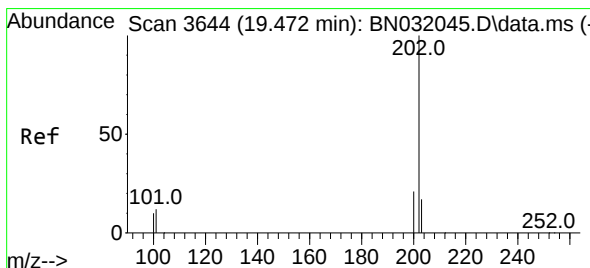
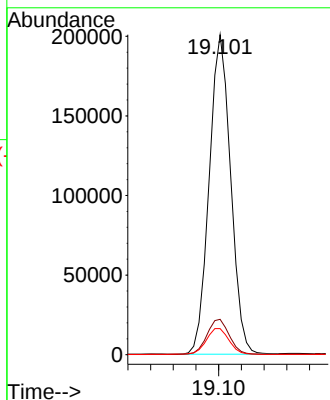
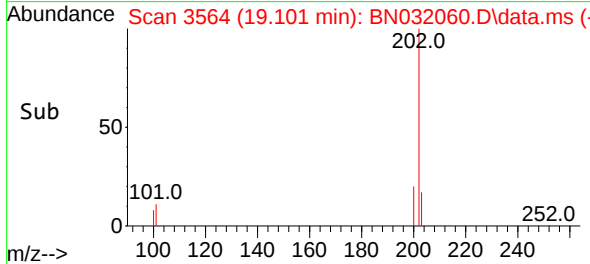
Instrument :
BNA_N
ClientSampleId :
A4BN1



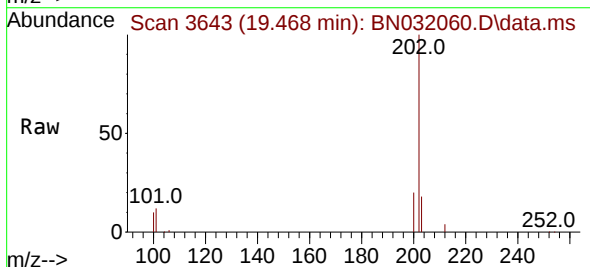
Tgt Ion:202 Resp: 263934
Ion Ratio Lower Upper
202 100
101 11.1 8.8 13.2
100 8.2 6.6 9.8

Manual Integrations
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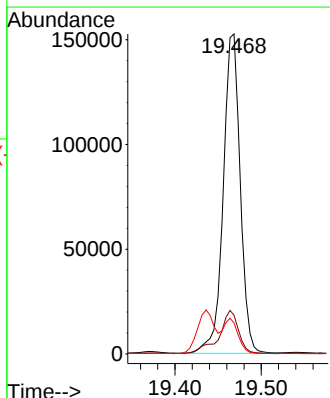
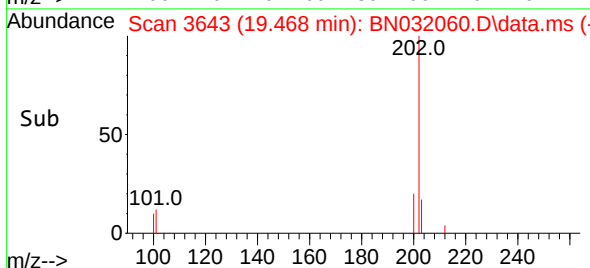
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

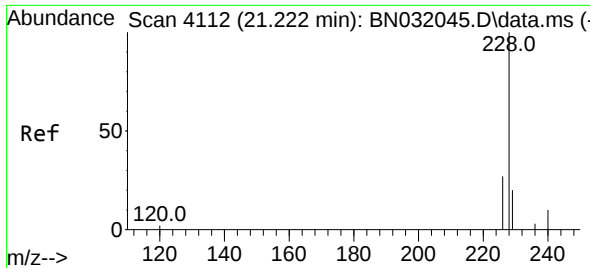


#20
Pyrene
Concen: 1.602 ng/u1
RT: 19.468 min Scan# 3643
Delta R.T. 0.000 min
Lab File: BN032060.D
Acq: 19 Jun 2024 00:32



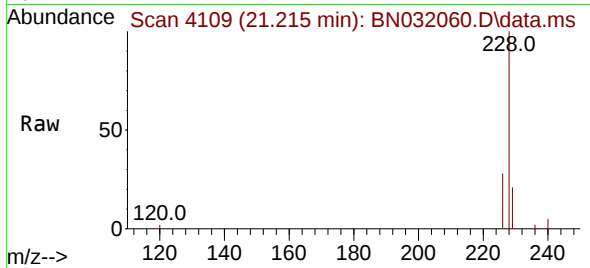
Tgt Ion:202 Resp: 209006
Ion Ratio Lower Upper
202 100
101 12.1 10.5 15.7
100 9.7 8.6 12.8





#21
Benzo(a)anthracene
Concen: 0.782 ng/ul
RT: 21.215 min Scan# 4112
Delta R.T. -0.008 min
Lab File: BN032060.D
Acq: 19 Jun 2024 00:32

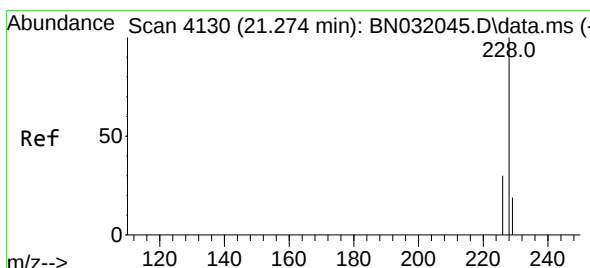
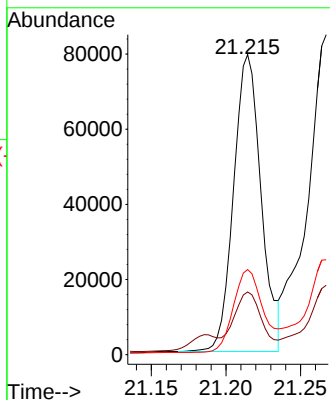
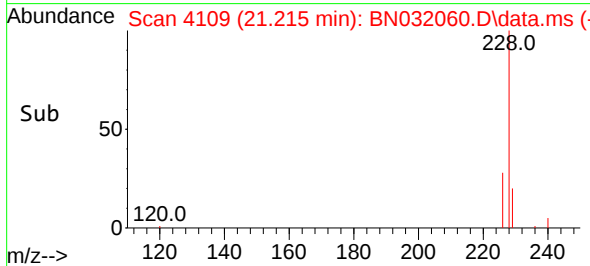
Instrument :
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A4BN1



Tgt Ion:228 Resp: 10138
Ion Ratio Lower Upper
228 100
229 20.9 15.7 23.5
226 28.3 21.7 32.5

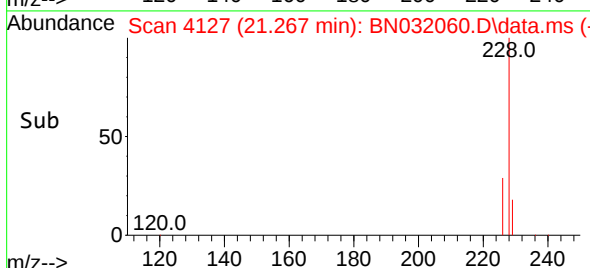
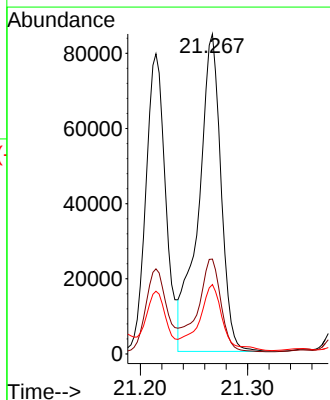
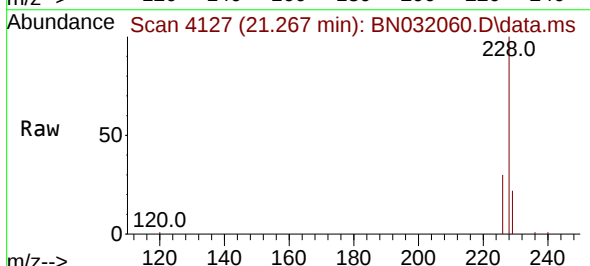
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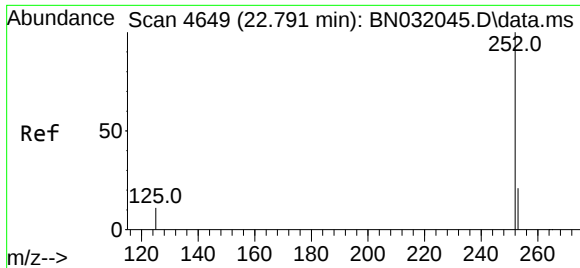
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#22
Chrysene
Concen: 0.950 ng/ul
RT: 21.267 min Scan# 4127
Delta R.T. -0.009 min
Lab File: BN032060.D
Acq: 19 Jun 2024 00:32

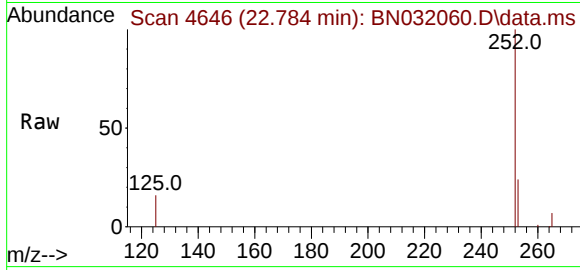
Tgt Ion:228 Resp: 122755
Ion Ratio Lower Upper
228 100
226 29.6 23.6 35.4
229 21.7 15.6 23.4





#24
Benzo(b)fluoranthene
Concen: 1.263 ng/ul m
RT: 22.784 min Scan# 4646
Delta R.T. -0.008 min
Lab File: BN032060.D
Acq: 19 Jun 2024 00:32

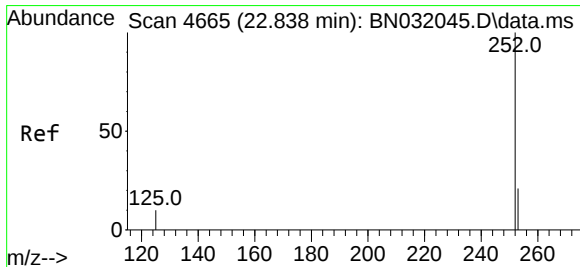
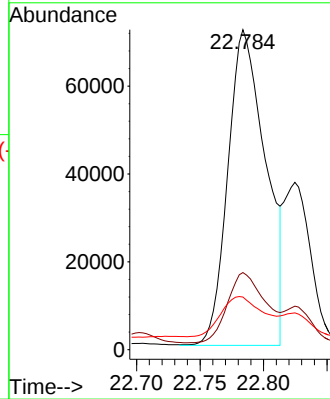
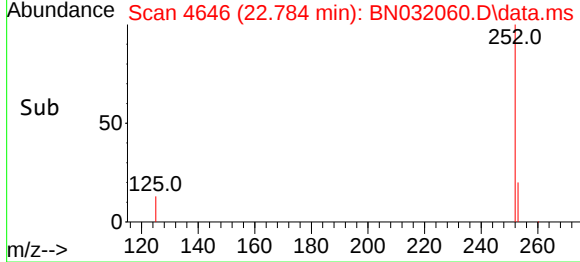
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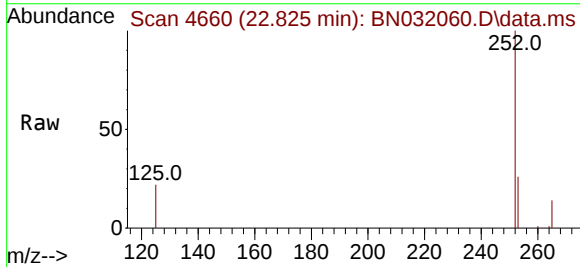
Tgt Ion:252 Resp: 148864
Ion Ratio Lower Upper
252 100
253 24.1 0.0 47.4
125 16.4 0.0 28.8

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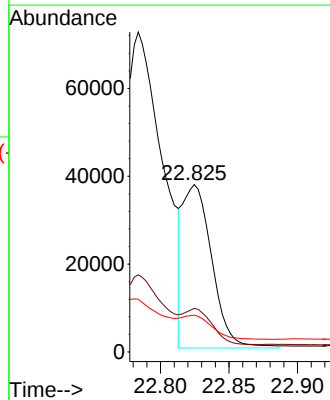
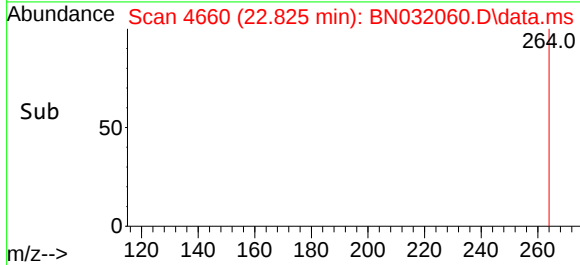
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

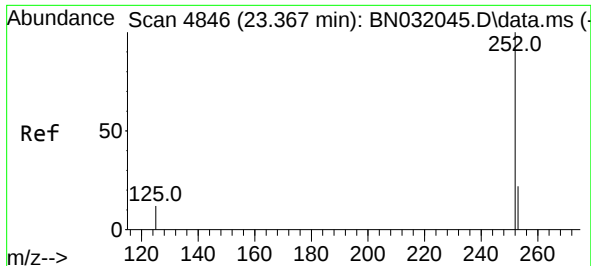


#25
Benzo(k)fluoranthene
Concen: 0.487 ng/ul m
RT: 22.825 min Scan# 4660
Delta R.T. -0.011 min
Lab File: BN032060.D
Acq: 19 Jun 2024 00:32



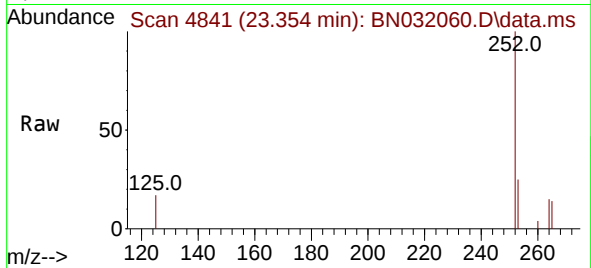
Tgt Ion:252 Resp: 55115
Ion Ratio Lower Upper
252 100
253 26.0 18.8 28.2
125 22.0 11.1 16.7#





#26
Benzo(a)pyrene
Concen: 0.982 ng/ul
RT: 23.354 min Scan# 4841
Delta R.T. -0.011 min
Lab File: BN032060.D
Acq: 19 Jun 2024 00:32

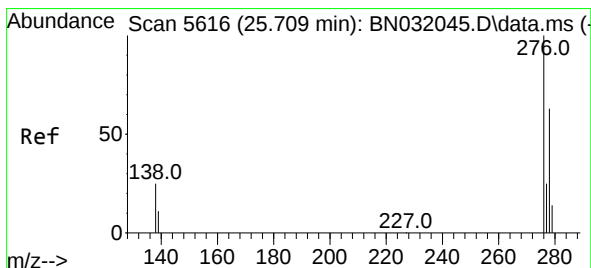
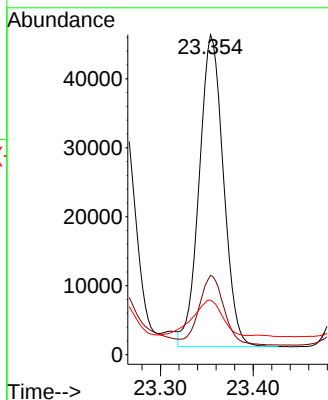
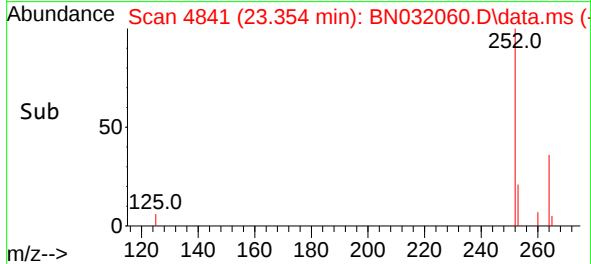
Instrument :
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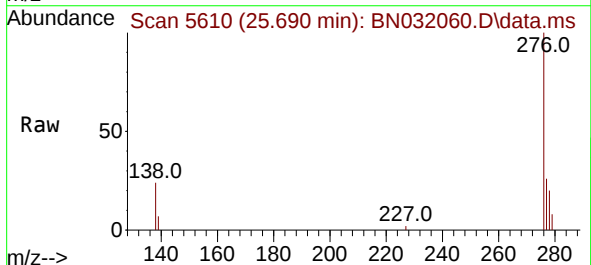
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Ion Ratio Lower Upper
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125 17.0 13.5 20.3

Manual Integrations
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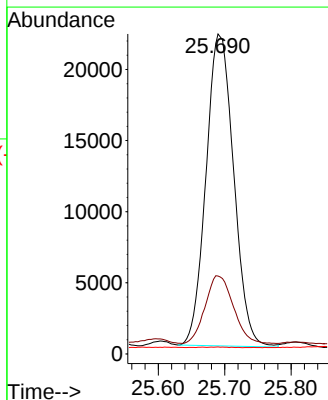
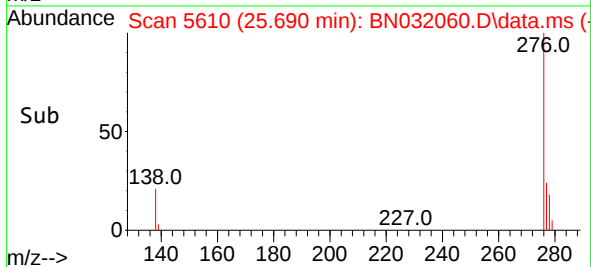
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

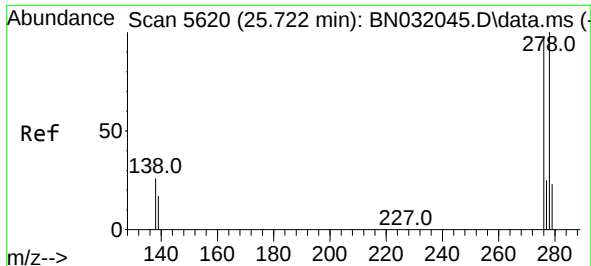


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.562 ng/ul
RT: 25.690 min Scan# 5610
Delta R.T. -0.017 min
Lab File: BN032060.D
Acq: 19 Jun 2024 00:32



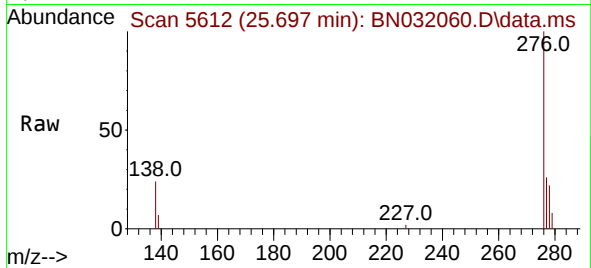
Tgt Ion:276 Resp: 63468
Ion Ratio Lower Upper
276 100
138 22.4 21.0 31.4
227 0.1 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.178 ng/ul
RT: 25.697 min Scan# 5612
Delta R.T. -0.027 min
Lab File: BN032060.D
Acq: 19 Jun 2024 00:32

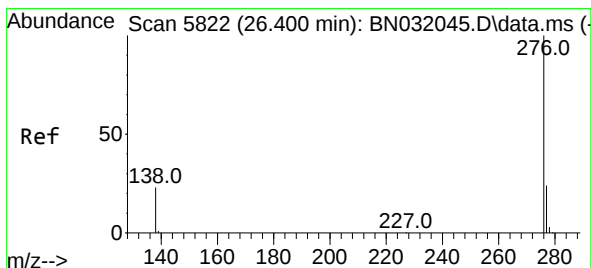
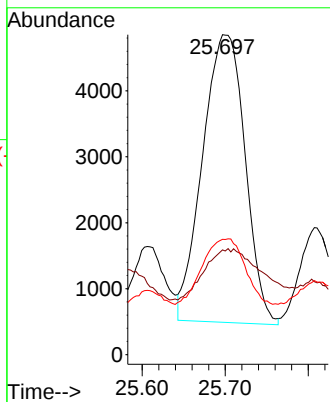
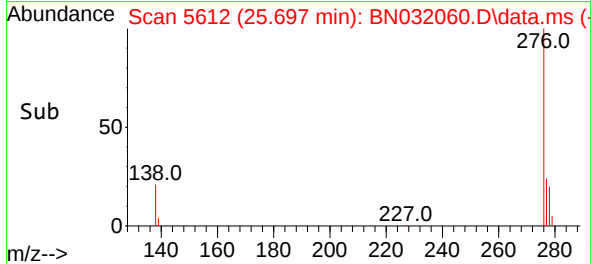
Instrument :
BNA_N
ClientSampleId :
A4BN1



Tgt Ion:278 Resp: 1554
Ion Ratio Lower Upper
278 100
139 32.7 14.9 22.3
279 36.0 20.6 31.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#29
Benzo(g,h,i)perylene
Concen: 0.705 ng/ul
RT: 26.381 min Scan# 5816
Delta R.T. -0.017 min
Lab File: BN032060.D
Acq: 19 Jun 2024 00:32

Tgt Ion:276 Resp: 63332
Ion Ratio Lower Upper
276 100
138 24.9 19.0 28.4
277 25.7 20.4 30.6

