

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032862.D
 Acq On : 20 Jul 2024 04:26
 Operator : MA/JU
 Sample : P3178-17
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BY5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/22/2024
 Supervised By :mohammad ahmed 07/22/2024

Quant Time: Jul 20 05:01:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.527	152	4095	0.400	ng/ul	0.00
4) Naphthalene-d8	10.293	136	13295	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.179	164	7809	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.940	188	12636m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.153	240	9287m	0.400	ng/ul	-0.01
23) Perylene-d12	23.344	264	10969m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.088	96	14022	2.852	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.899	152	4772	0.237	ng/ul	-0.03
18) Fluoranthene-d10	18.980	212	7640m	0.252	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.343	128	104495	2.927	ng/ul	97
7) 2-Methylnaphthalene	11.971	142	33560	1.506	ng/ul	97
8) 1-Methylnaphthalene	12.196	142	27241	1.182	ng/ul	99
10) Acenaphthylene	13.896	152	16400	0.520	ng/ul#	93
11) Acenaphthene	14.239	153	91225	3.496	ng/ul	98
12) Fluorene	15.238	166	85000	2.850	ng/ul	99
15) Phenanthrene	16.982	178	1251137m	36.356	ng/ul	
16) Anthracene	17.070	178	268544m	9.552	ng/ul	
19) Fluoranthene	19.012	202	1217970m	32.256	ng/ul	
20) Pyrene	19.380	202	1096501m	28.055	ng/ul	
21) Benzo(a)anthracene	21.135	228	504682m	17.072	ng/ul	
22) Chrysene	21.188	228	457485m	10.698	ng/ul	
24) Benzo(b)fluoranthene	22.687	252	524139m	13.543	ng/ul	
25) Benzo(k)fluoranthene	22.722	252	178786m	3.791	ng/ul	
26) Benzo(a)pyrene	23.245	252	391247m	11.681	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.542	276	228507m	5.039	ng/ul	
28) Dibenzo(a,h)anthracene	25.542	278	61662m	1.754	ng/ul	
29) Benzo(g,h,i)perylene	26.219	276	230321m	6.077	ng/ul	

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

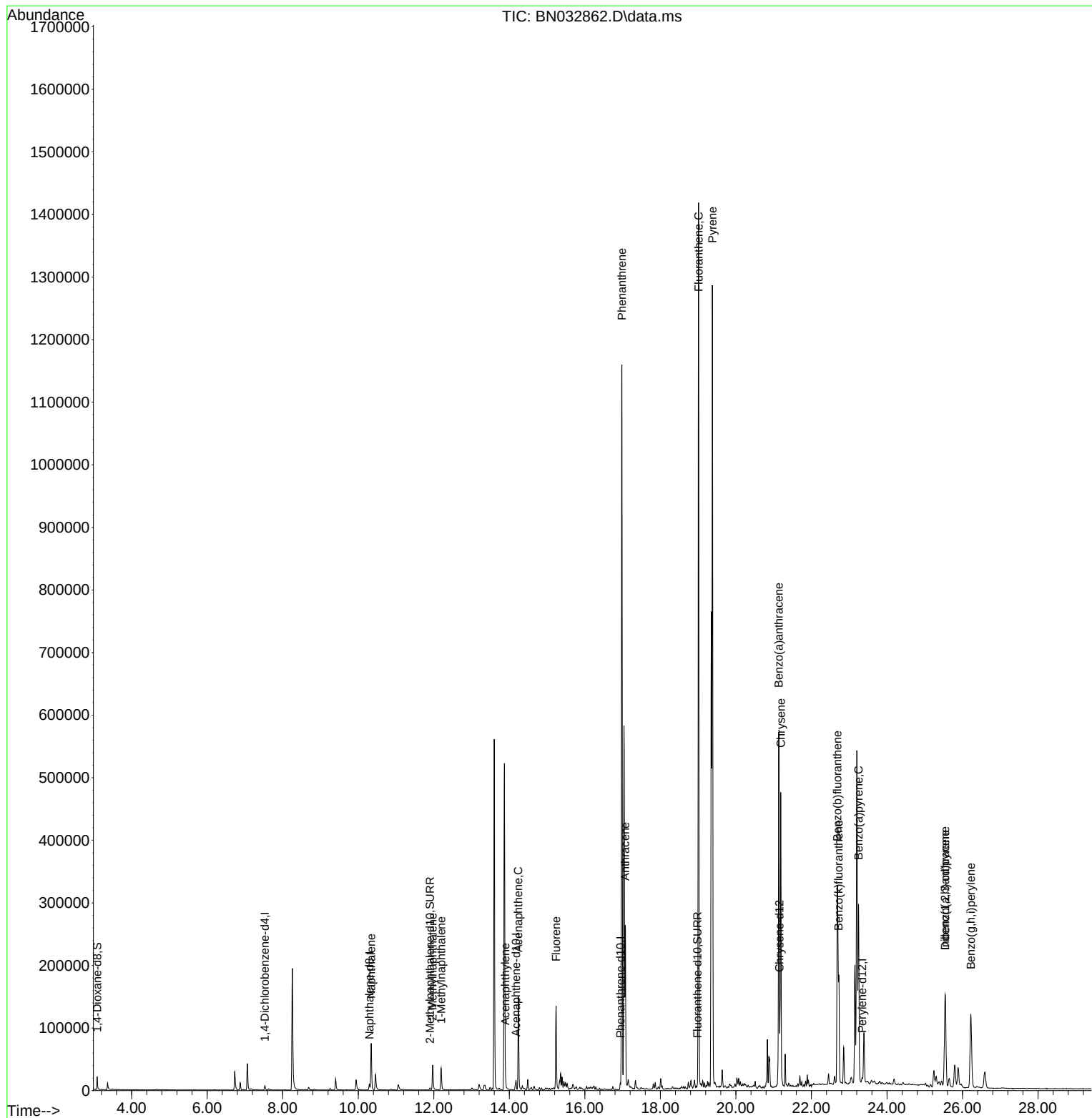
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032862.D
Acq On : 20 Jul 2024 04:26
Operator : MA/JU
Sample : P3178-17
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ALS Vial : 26 Sample Multiplier: 1

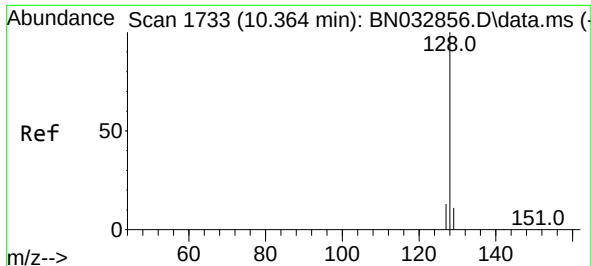
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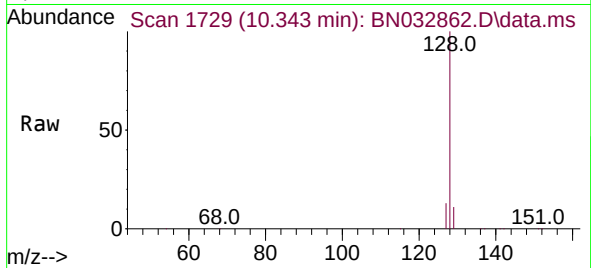
Quant Time: Jul 20 05:01:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 2.927 ng/ul
RT: 10.343 min Scan# 1729
Delta R.T. -0.021 min
Lab File: BN032862.D
Acq: 20 Jul 2024 04:26

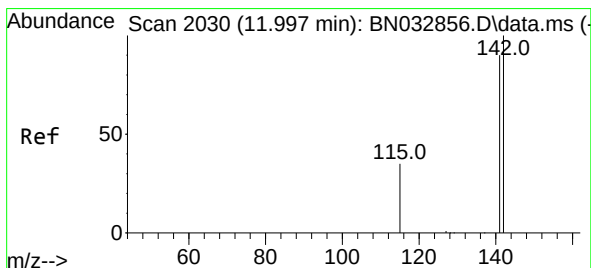
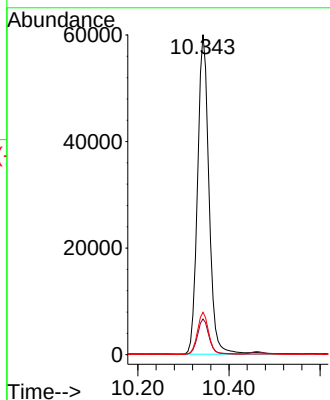
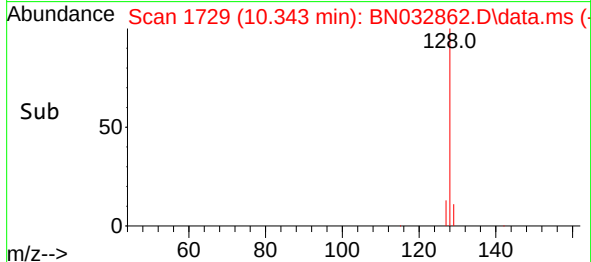
Instrument :
BNA_N
ClientSampleId :
A4BY5



Tgt Ion:128 Resp: 104495
Ion Ratio Lower Upper
128 100
129 11.2 10.0 15.0
127 13.3 11.6 17.4

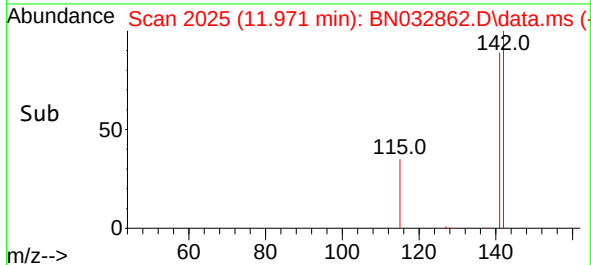
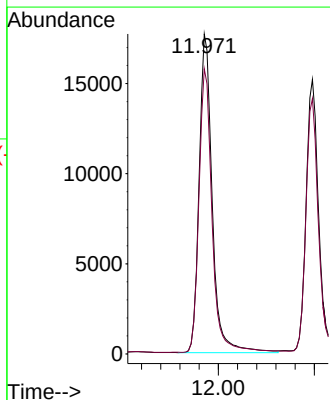
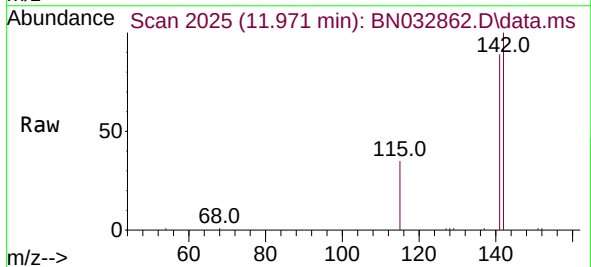
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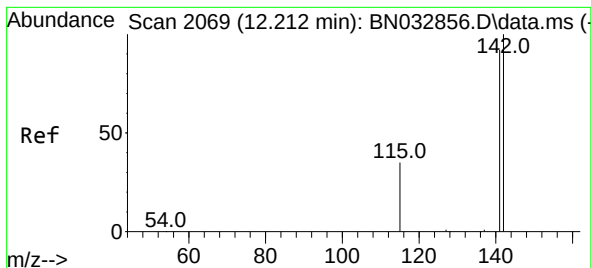
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#7
2-Methylnaphthalene
Concen: 1.506 ng/ul
RT: 11.971 min Scan# 2025
Delta R.T. -0.026 min
Lab File: BN032862.D
Acq: 20 Jul 2024 04:26

Tgt Ion:142 Resp: 33560
Ion Ratio Lower Upper
142 100
141 89.3 74.0 111.0





#8

1-Methylnaphthalene

Concen: 1.182 ng/ul

RT: 12.196 min Scan# 2066

Delta R.T. -0.015 min

Lab File: BN032862.D

Acq: 20 Jul 2024 04:26

Instrument :

BNA_N

ClientSampleId :

A4BY5

Tgt Ion:142 Resp: 2724

Ion Ratio Lower Upper

142 100

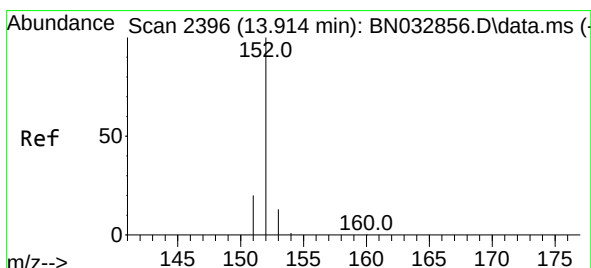
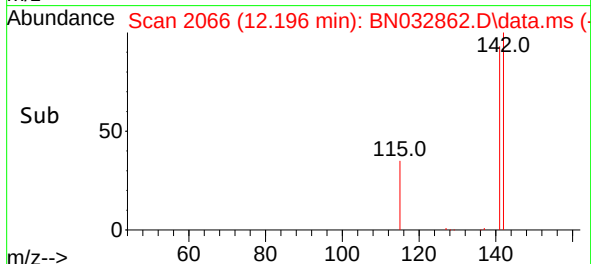
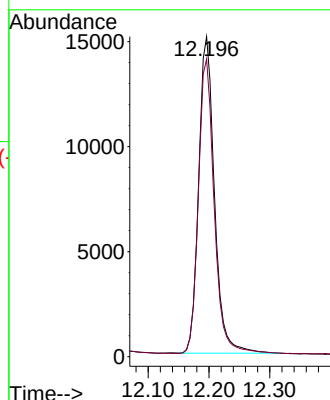
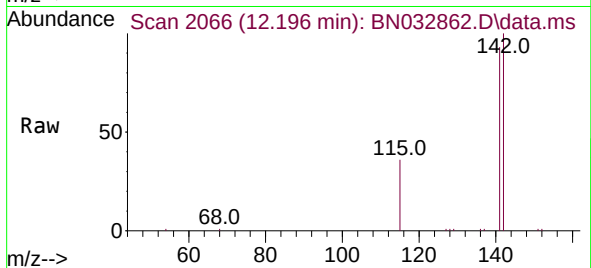
141 93.2 75.0 112.4

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Reviewed By :Yogesh Patel 07/22/2024

Supervised By :mohammad ahmed 07/22/2024



#10

Acenaphthylene

Concen: 0.520 ng/ul

RT: 13.896 min Scan# 2392

Delta R.T. -0.017 min

Lab File: BN032862.D

Acq: 20 Jul 2024 04:26

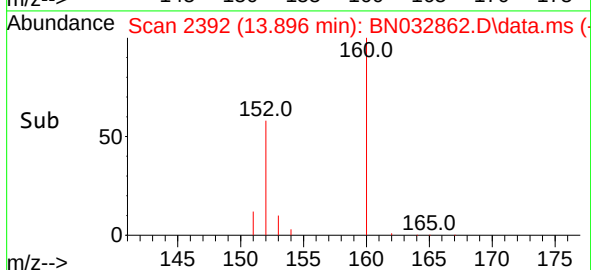
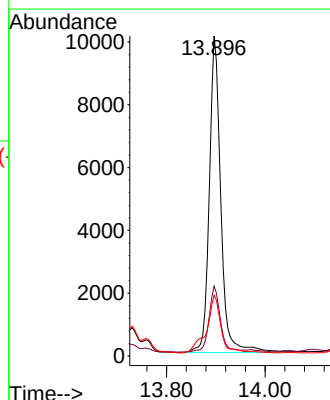
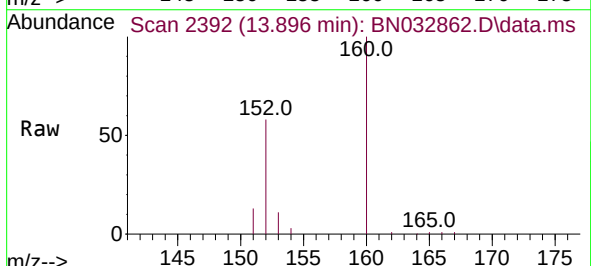
Tgt Ion:152 Resp: 16400

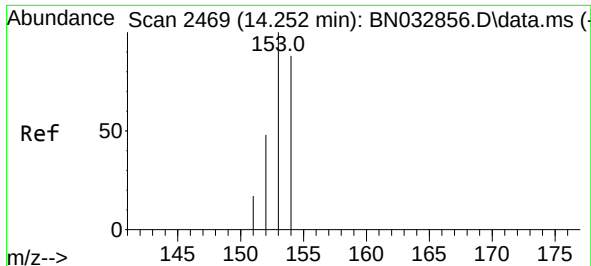
Ion Ratio Lower Upper

152 100

151 21.8 16.3 24.5

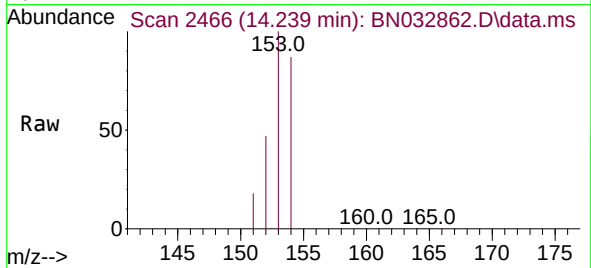
153 19.0 11.3 16.9#





#11
Acenaphthene
Concen: 3.496 ng/ul
RT: 14.239 min Scan# 2466
Delta R.T. -0.013 min
Lab File: BN032862.D
Acq: 20 Jul 2024 04:26

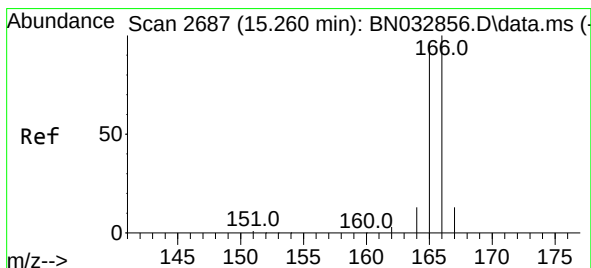
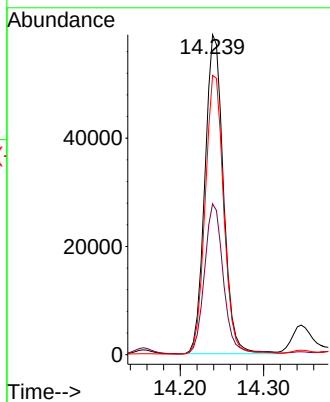
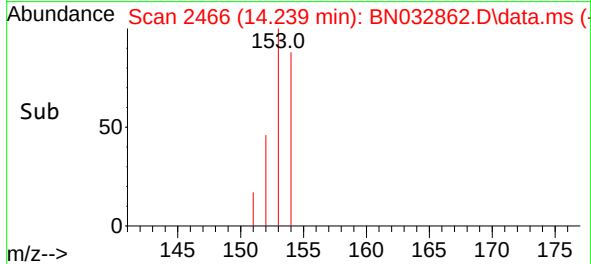
Instrument :
BNA_N
ClientSampleId :
A4BY5



Tgt Ion:153 Resp: 91225
Ion Ratio Lower Upper
153 100
152 47.2 40.0 60.0
154 87.3 70.2 105.4

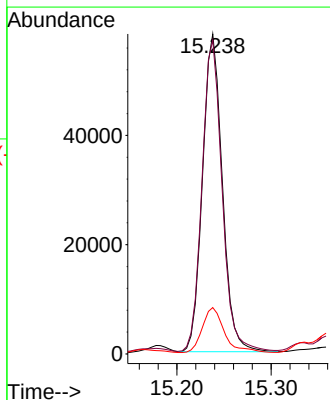
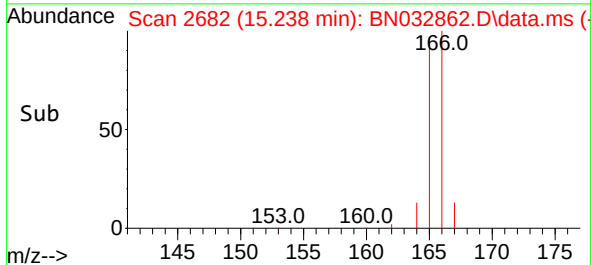
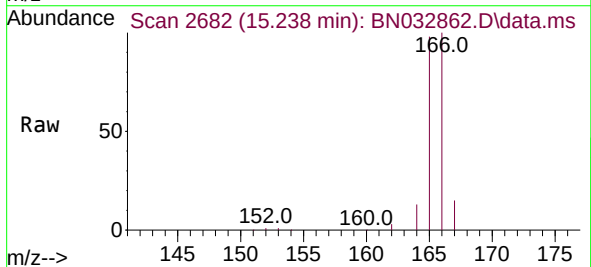
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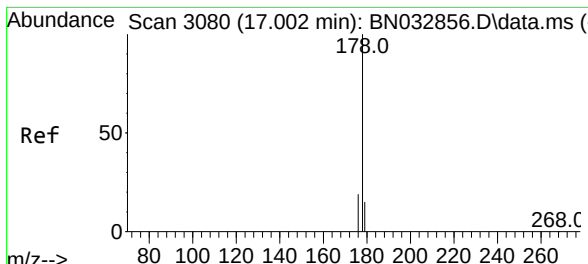
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#12
Fluorene
Concen: 2.850 ng/ul
RT: 15.238 min Scan# 2682
Delta R.T. -0.022 min
Lab File: BN032862.D
Acq: 20 Jul 2024 04:26

Tgt Ion:166 Resp: 85000
Ion Ratio Lower Upper
166 100
165 98.0 79.7 119.5
167 14.5 11.4 17.2





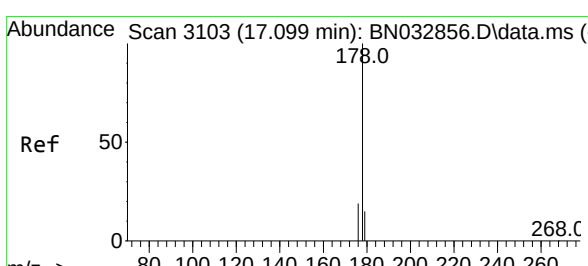
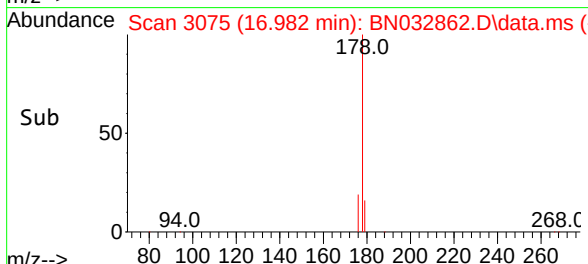
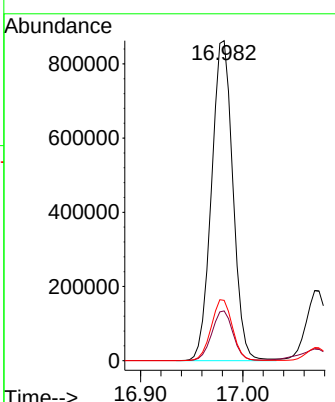
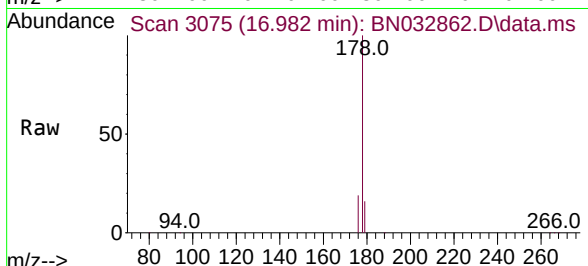
#15
 Phenanthrene
 Concen: 36.356 ng/ul m
 RT: 16.982 min Scan# 3075
 Delta R.T. -0.020 min
 Lab File: BN032862.D
 Acq: 20 Jul 2024 04:26

Instrument : BNA_N
 ClientSampleId : A4BY5

Tgt Ion:178 Resp: 125113

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.0	19.4
176	18.8	15.6	23.4

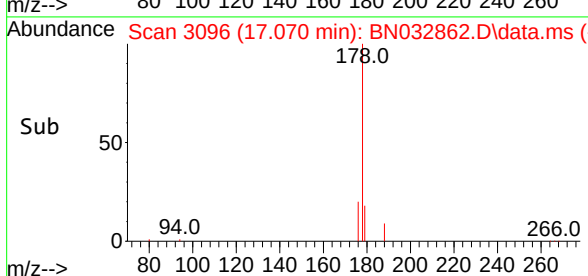
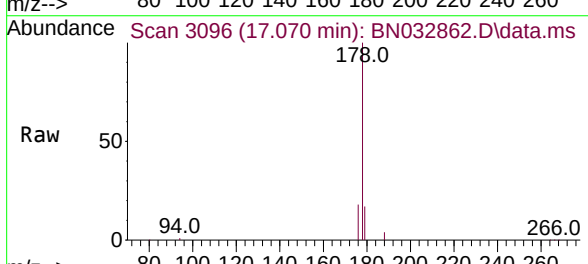
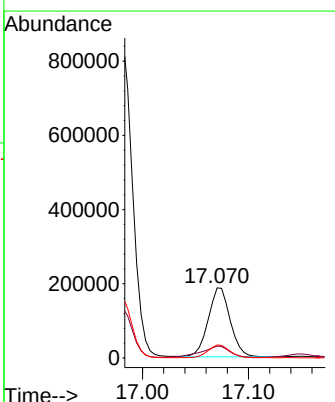
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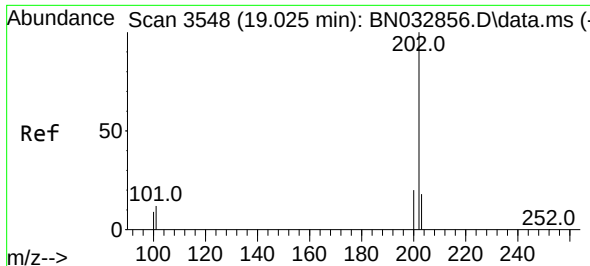


#16
 Anthracene
 Concen: 9.552 ng/ul m
 RT: 17.070 min Scan# 3096
 Delta R.T. -0.028 min
 Lab File: BN032862.D
 Acq: 20 Jul 2024 04:26

Tgt Ion:178 Resp: 268544

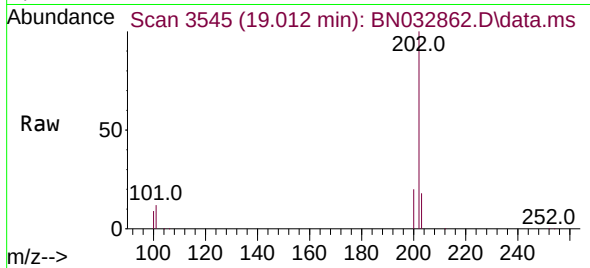
Ion	Ratio	Lower	Upper
178	100		
179	16.8	13.4	20.2
176	18.4	15.4	23.0





#19
Fluoranthene
Concen: 32.256 ng/ul m
RT: 19.012 min Scan# 3545
Delta R.T. -0.013 min
Lab File: BN032862.D
Acq: 20 Jul 2024 04:26

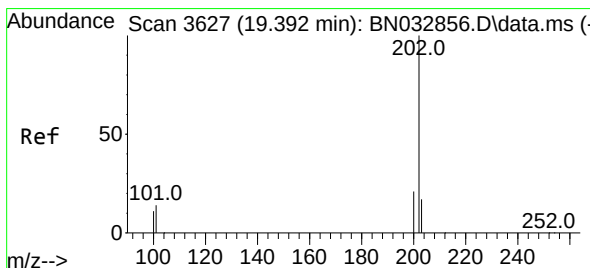
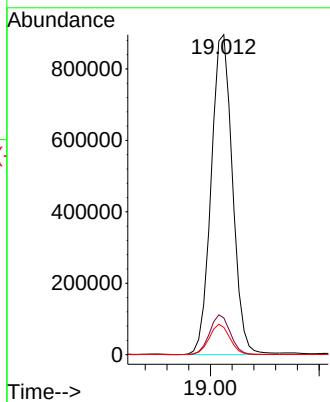
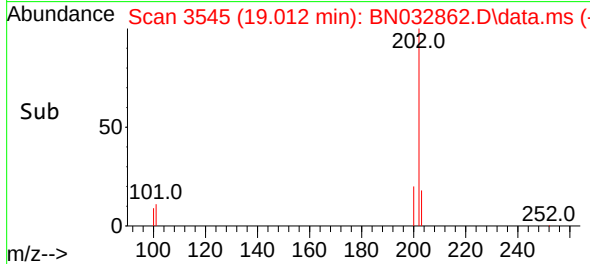
Instrument :
BNA_N
ClientSampleId :
A4BY5



Tgt Ion:202 Resp: 1217970
Ion Ratio Lower Upper
202 100
101 11.5 9.8 14.8
100 8.5 7.9 11.9

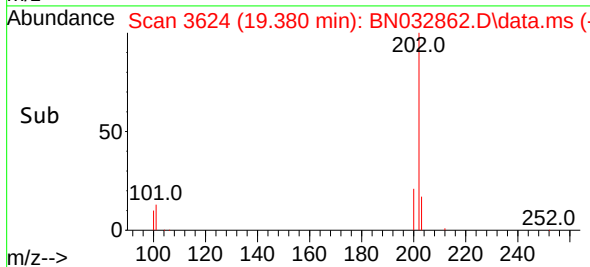
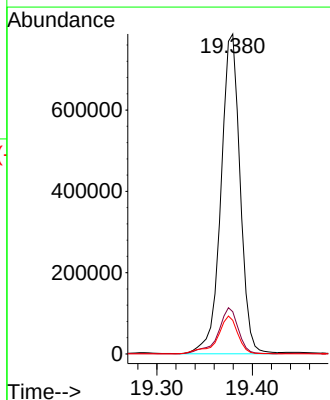
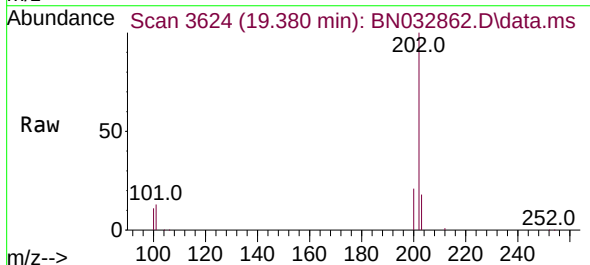
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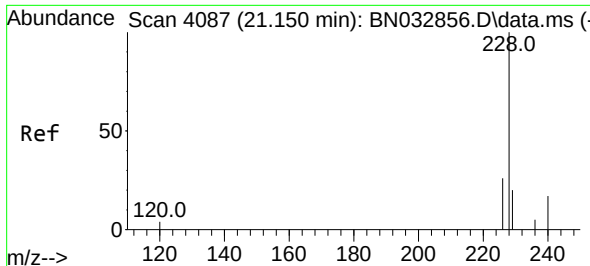
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#20
Pyrene
Concen: 28.055 ng/ul m
RT: 19.380 min Scan# 3624
Delta R.T. -0.013 min
Lab File: BN032862.D
Acq: 20 Jul 2024 04:26

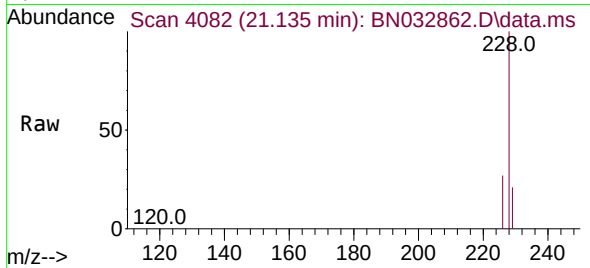
Tgt Ion:202 Resp: 1096501
Ion Ratio Lower Upper
202 100
101 13.2 11.8 17.6
100 10.5 9.6 14.4





#21
Benzo(a)anthracene
Concen: 17.072 ng/ul m
RT: 21.135 min Scan# 4087
Delta R.T. -0.015 min
Lab File: BN032862.D
Acq: 20 Jul 2024 04:26

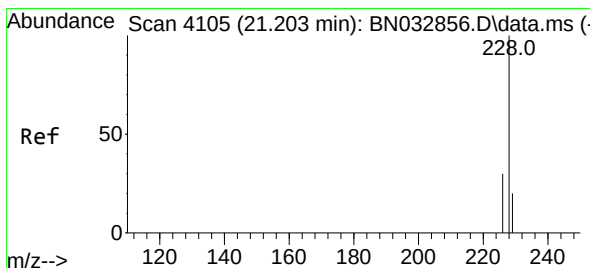
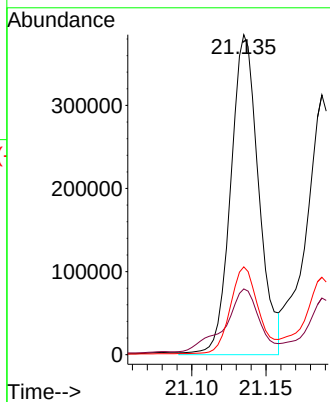
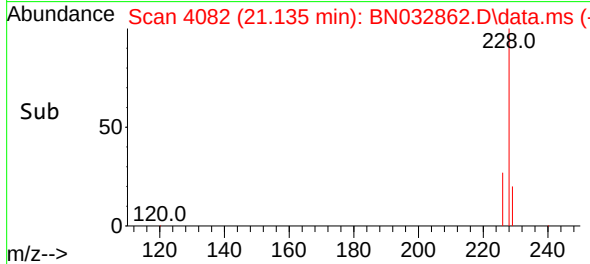
Instrument :
BNA_N
ClientSampleId :
A4BY5



Tgt Ion:228 Resp: 504682
Ion Ratio Lower Upper
228 100
229 20.6 16.1 24.1
226 27.5 21.9 32.9

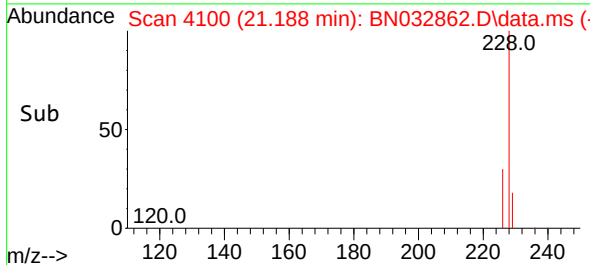
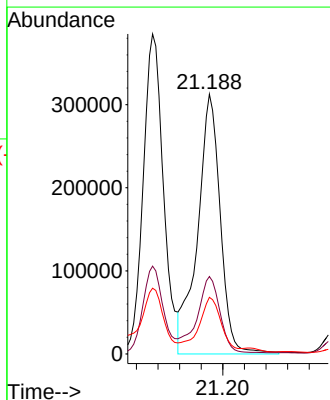
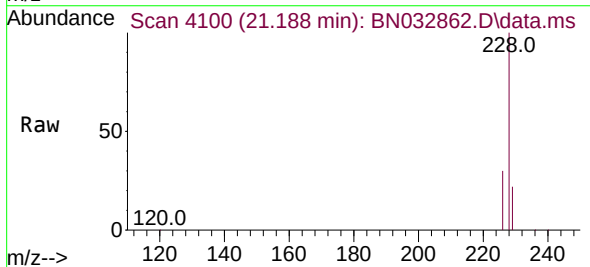
Manual Integrations
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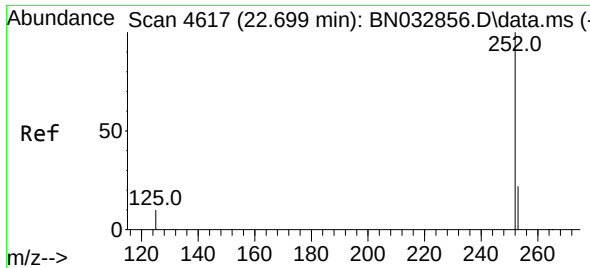
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#22
Chrysene
Concen: 10.698 ng/ul m
RT: 21.188 min Scan# 4100
Delta R.T. -0.015 min
Lab File: BN032862.D
Acq: 20 Jul 2024 04:26

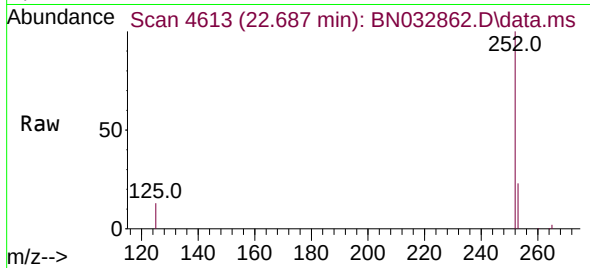
Tgt Ion:228 Resp: 457485
Ion Ratio Lower Upper
228 100
226 29.8 24.0 36.0
229 21.8 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 13.543 ng/ul m
RT: 22.687 min Scan# 4613
Delta R.T. -0.012 min
Lab File: BN032862.D
Acq: 20 Jul 2024 04:26

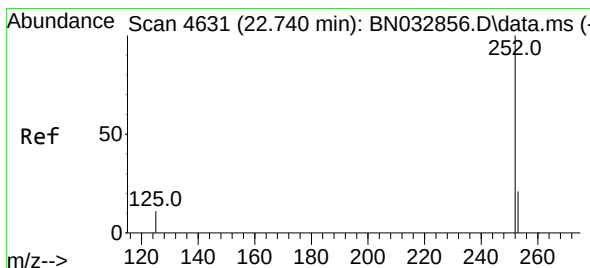
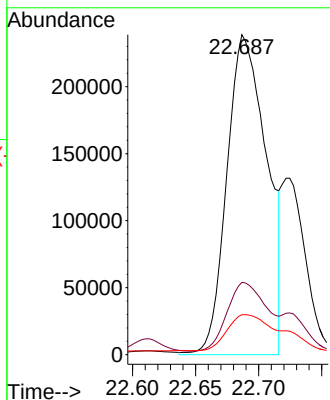
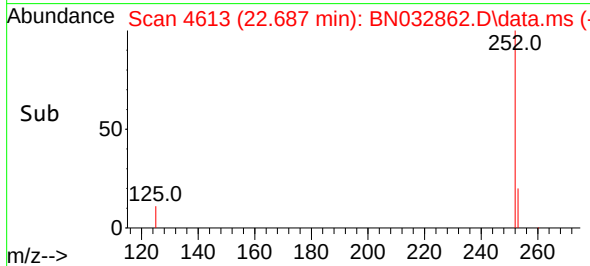
Instrument :
BNA_N
ClientSampleId :
A4BY5



Tgt Ion:252 Resp: 524139
Ion Ratio Lower Upper
252 100
253 22.6 0.0 54.0
125 12.5 0.0 36.0

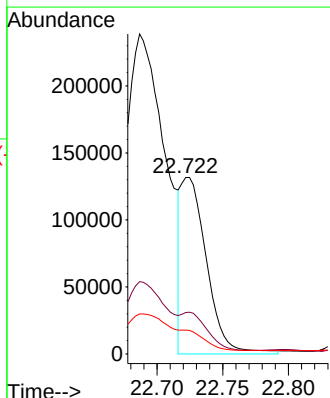
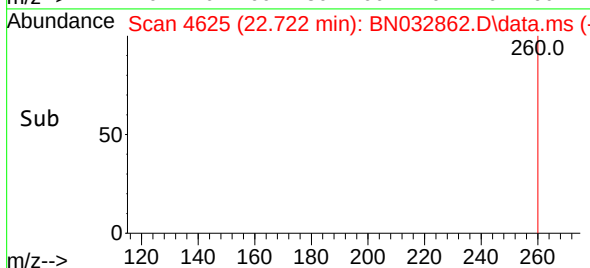
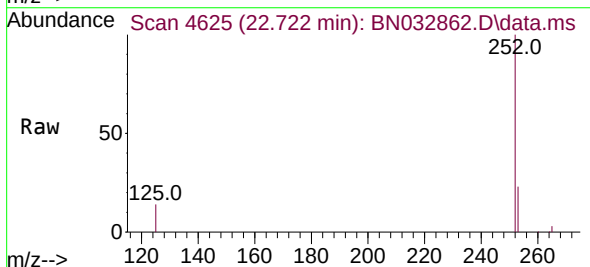
Manual Integrations
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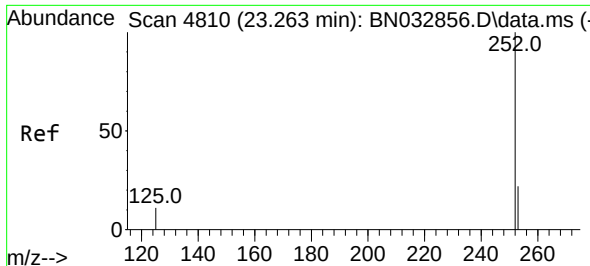
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#25
Benzo(k)fluoranthene
Concen: 3.791 ng/ul m
RT: 22.722 min Scan# 4625
Delta R.T. -0.018 min
Lab File: BN032862.D
Acq: 20 Jul 2024 04:26

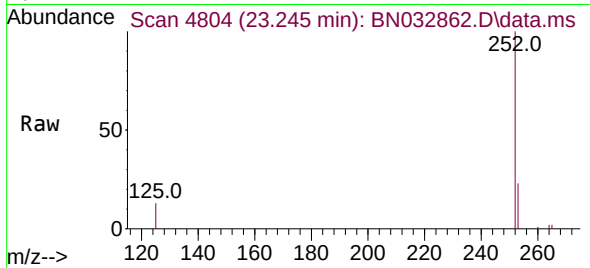
Tgt Ion:252 Resp: 178786
Ion Ratio Lower Upper
252 100
253 23.5 21.2 31.8
125 13.5 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 11.681 ng/ul m
RT: 23.245 min Scan# 4810
Delta R.T. -0.018 min
Lab File: BN032862.D
Acq: 20 Jul 2024 04:26

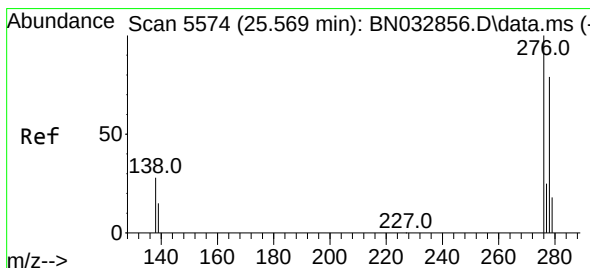
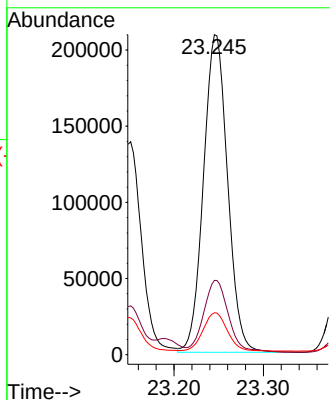
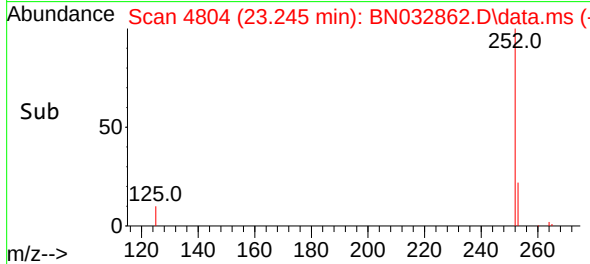
Instrument :
BNA_N
ClientSampleId :
A4BY5



Tgt Ion:252 Resp: 391245
Ion Ratio Lower Upper
252 100
253 23.2 25.4 38.0#
125 13.1 20.6 30.8#

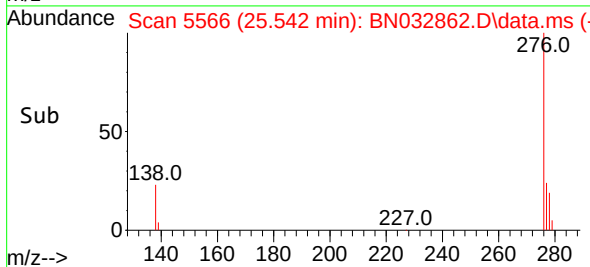
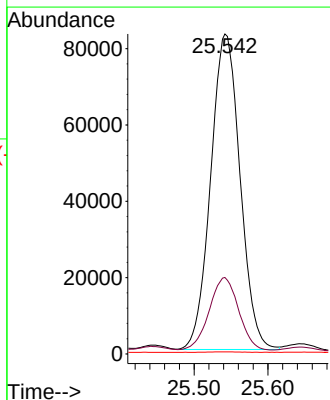
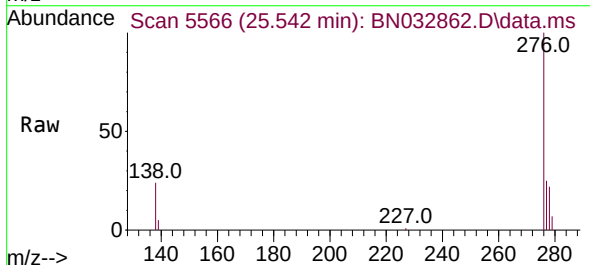
Manual Integrations
APPROVED

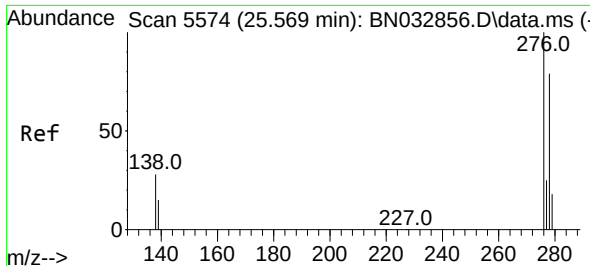
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.039 ng/ul m
RT: 25.542 min Scan# 5566
Delta R.T. -0.027 min
Lab File: BN032862.D
Acq: 20 Jul 2024 04:26

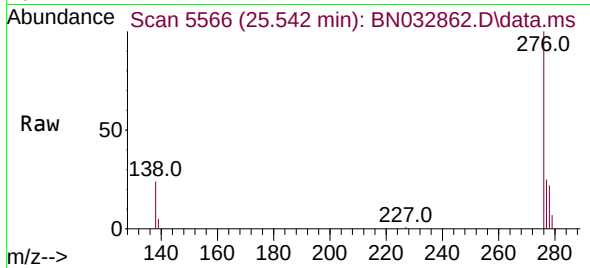
Tgt Ion:276 Resp: 228507
Ion Ratio Lower Upper
276 100
138 3.5 21.6 32.4#
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 1.754 ng/ul m
RT: 25.542 min Scan# 51
Delta R.T. -0.027 min
Lab File: BN032862.D
Acq: 20 Jul 2024 04:26

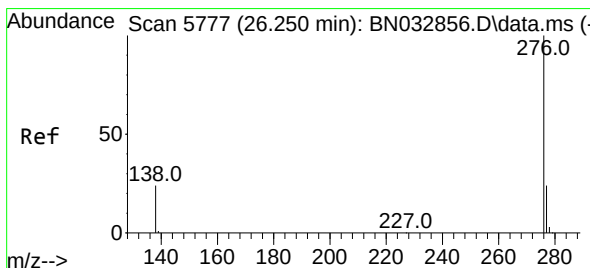
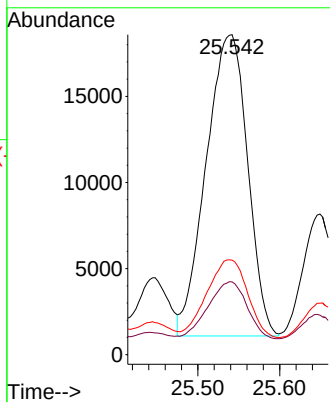
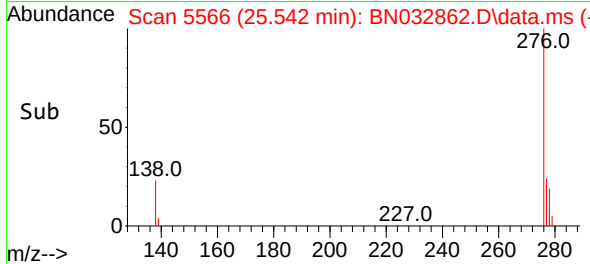
Instrument :
BNA_N
ClientSampleId :
A4BY5



Tgt Ion:278 Resp: 61662
Ion Ratio Lower Upper
278 100
139 22.8 16.6 24.8
279 29.5 23.7 35.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#29
Benzo(g,h,i)perylene
Concen: 6.077 ng/ul m
RT: 26.219 min Scan# 5768
Delta R.T. -0.031 min
Lab File: BN032862.D
Acq: 20 Jul 2024 04:26

Tgt Ion:276 Resp: 230321
Ion Ratio Lower Upper
276 100
138 24.5 21.0 31.4
277 24.9 20.6 31.0

