

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032864.D
 Acq On : 20 Jul 2024 05:38
 Operator : MA/JU
 Sample : P3238-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BF6

Manual Integrations
 APPROVED

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

Quant Time: Jul 20 06:05:59 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	5302	0.400	ng/u1	0.00
4) Naphthalene-d8	10.294	136	16804	0.400	ng/u1	-0.02
9) Acenaphthene-d10	14.174	164	10034	0.400	ng/u1	-0.01
13) Phenanthrene-d10	16.936	188	16762m	0.400	ng/u1	-0.02
17) Chrysene-d12	21.153	240	12249m	0.400	ng/u1	-0.01
23) Perylene-d12	23.342	264	16315m	0.400	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	14351	2.254	ng/u1	0.00
6) 2-Methylnaphthalene-d10	11.900	152	4273	0.168	ng/u1	-0.03
18) Fluoranthene-d10	18.980	212	7024m	0.176	ng/u1	-0.02
Target Compounds					Qvalue	
5) Naphthalene	10.343	128	22159	0.491	ng/u1	98
7) 2-Methylnaphthalene	11.971	142	9015	0.320	ng/u1	97
8) 1-Methylnaphthalene	12.197	142	7623	0.262	ng/u1	100
10) Acenaphthylene	13.897	152	17134	0.423	ng/u1	97
11) Acenaphthene	14.239	153	47962	1.431	ng/u1	98
12) Fluorene	15.238	166	50802	1.326	ng/u1	98
15) Phenanthrene	16.978	178	937587m	20.539	ng/u1	
16) Anthracene	17.071	178	164100m	4.400	ng/u1	
19) Fluoranthene	19.013	202	1256536m	25.231	ng/u1	
20) Pyrene	19.375	202	875728m	16.988	ng/u1	
21) Benzo(a)anthracene	21.135	228	547136m	14.033	ng/u1	
22) Chrysene	21.188	228	642803m	11.396	ng/u1	
24) Benzo(b)fluoranthene	22.690	252	661298m	11.488	ng/u1	
25) Benzo(k)fluoranthene	22.725	252	272022m	3.878	ng/u1	
26) Benzo(a)pyrene	23.246	252	274449m	5.509	ng/u1	
27) Indeno(1,2,3-cd)pyrene	25.546	276	234070m	3.470	ng/u1	
28) Dibenzo(a,h)anthracene	25.542	278	105662m	2.021	ng/u1	
29) Benzo(g,h,i)perylene	26.223	276	32828m	0.582	ng/u1	

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

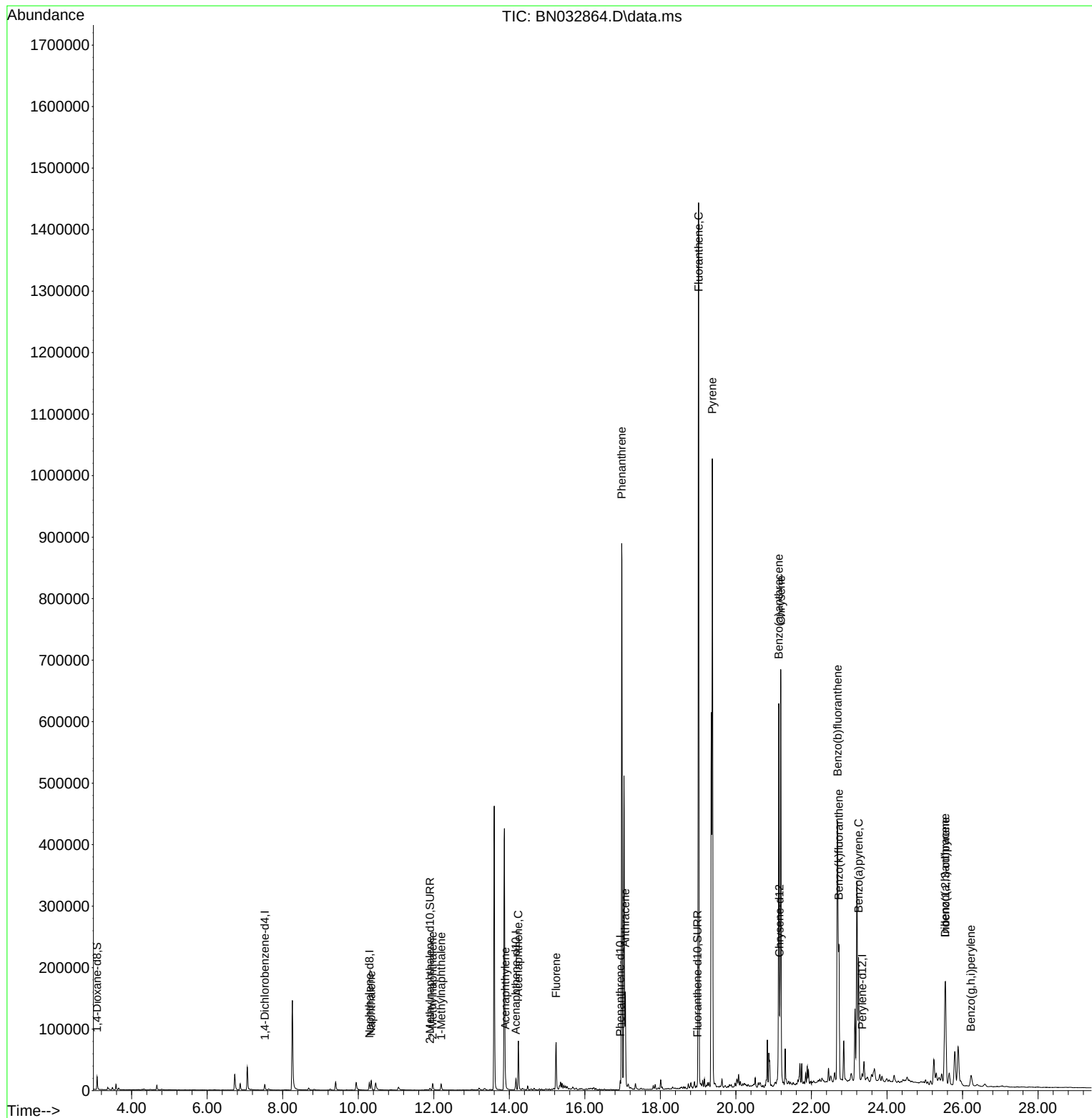
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032864.D
Acq On : 20 Jul 2024 05:38
Operator : MA/JU
Sample : P3238-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

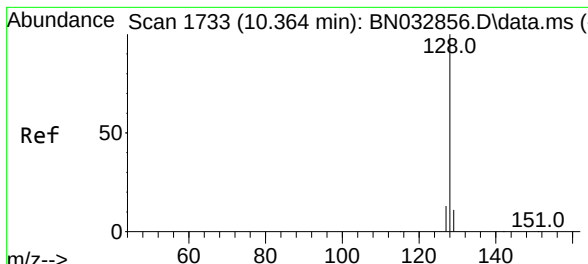
Instrument :
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ClientSampleId :
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Supervised By :mohammad ahmed 07/22/2024

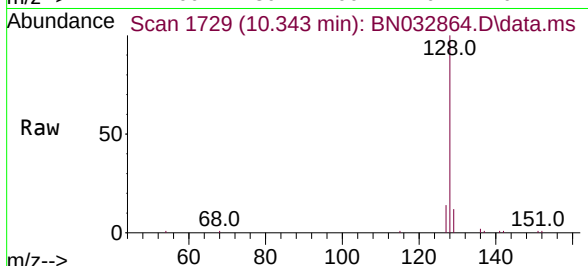
Quant Time: Jul 20 06:05:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.491 ng/ul
RT: 10.343 min Scan# 11
Delta R.T. -0.020 min
Lab File: BN032864.D
Acq: 20 Jul 2024 05:38

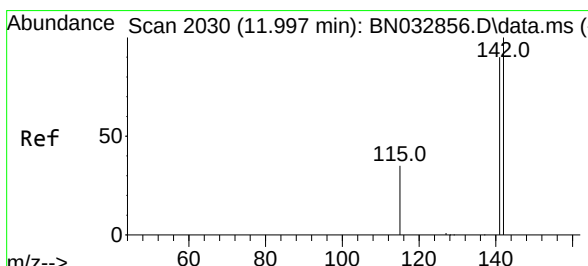
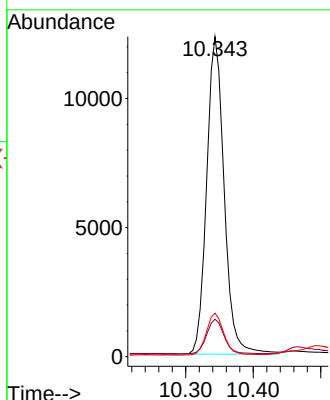
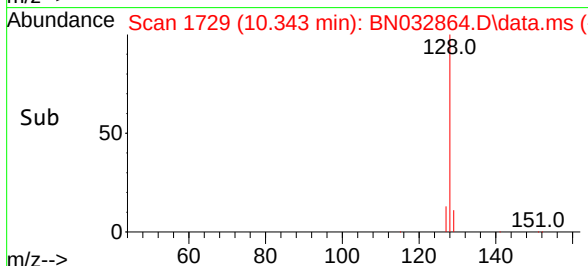
Instrument :
BNA_N
ClientSampleId :
A4BF6



Tgt Ion:128 Resp: 22159
Ion Ratio Lower Upper
128 100
129 11.7 10.0 15.0
127 13.6 11.6 17.4

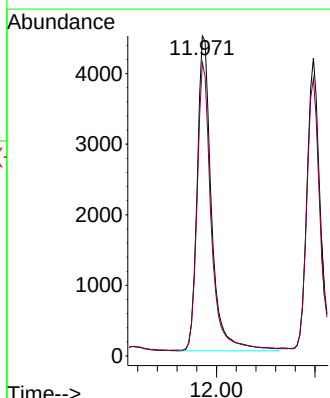
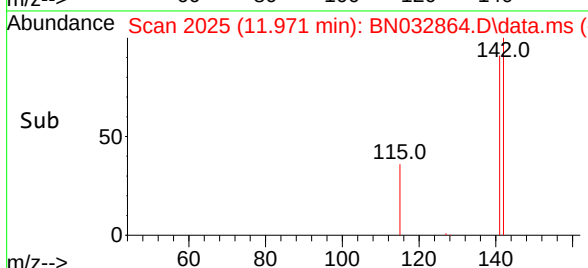
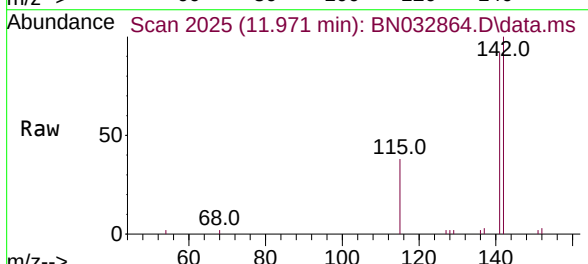
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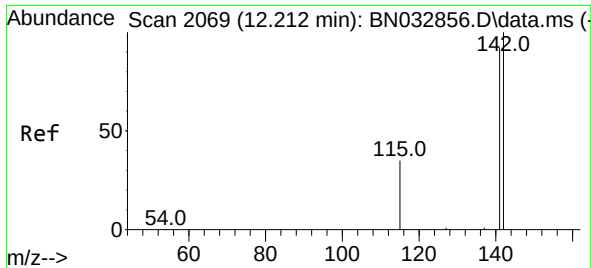
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#7
2-Methylnaphthalene
Concen: 0.320 ng/ul
RT: 11.971 min Scan# 2025
Delta R.T. -0.026 min
Lab File: BN032864.D
Acq: 20 Jul 2024 05:38

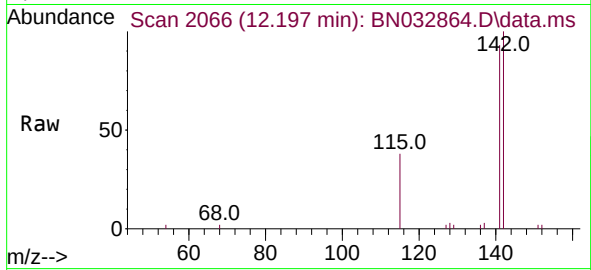
Tgt Ion:142 Resp: 9015
Ion Ratio Lower Upper
142 100
141 89.9 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.262 ng/ul
RT: 12.197 min Scan# 2066
Delta R.T. -0.015 min
Lab File: BN032864.D
Acq: 20 Jul 2024 05:38

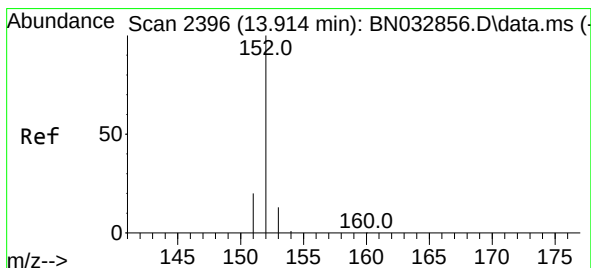
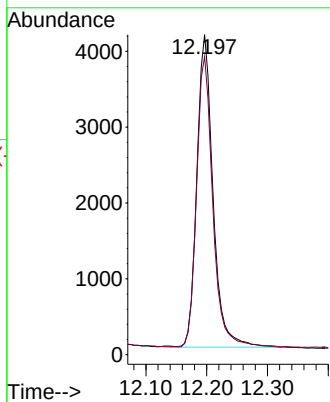
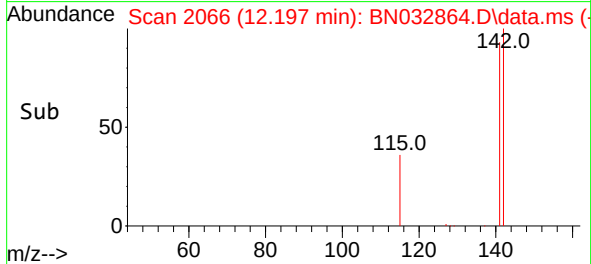
Instrument :
BNA_N
ClientSampleId :
A4BF6



Tgt Ion:142 Resp: 762
Ion Ratio Lower Upper
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141 93.2 75.0 112.4

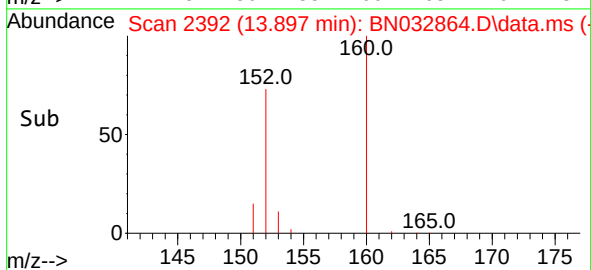
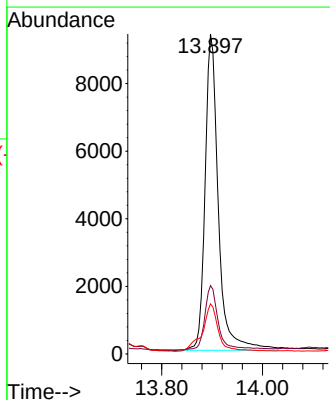
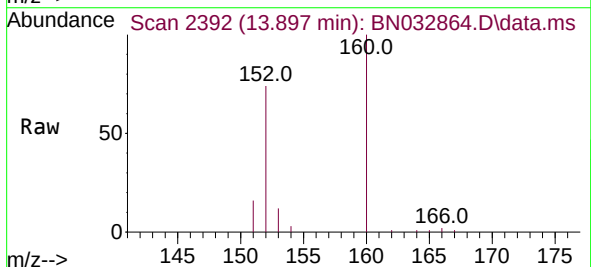
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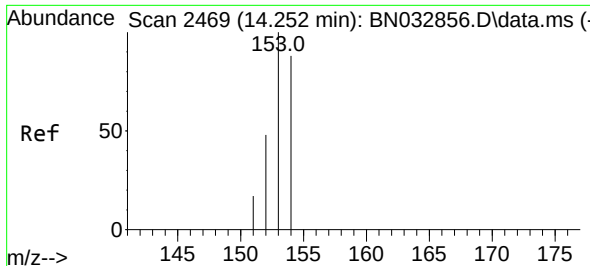
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#10
Acenaphthylene
Concen: 0.423 ng/ul
RT: 13.897 min Scan# 2392
Delta R.T. -0.017 min
Lab File: BN032864.D
Acq: 20 Jul 2024 05:38

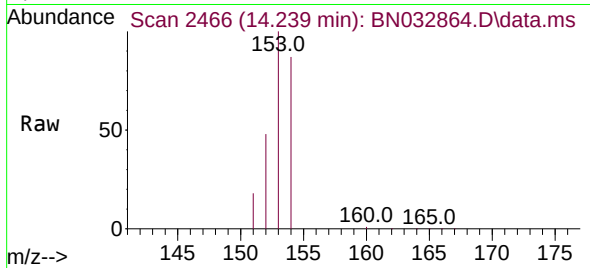
Tgt Ion:152 Resp: 17134
Ion Ratio Lower Upper
152 100
151 21.4 16.3 24.5
153 15.7 11.3 16.9





#11
Acenaphthene
Concen: 1.431 ng/ul
RT: 14.239 min Scan# 2466
Delta R.T. -0.012 min
Lab File: BN032864.D
Acq: 20 Jul 2024 05:38

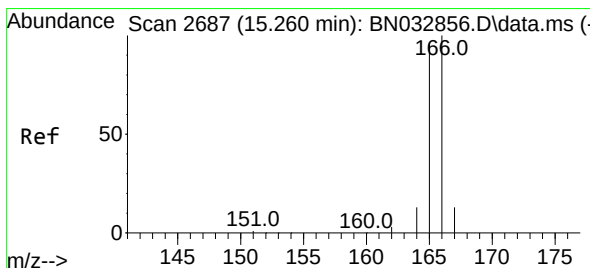
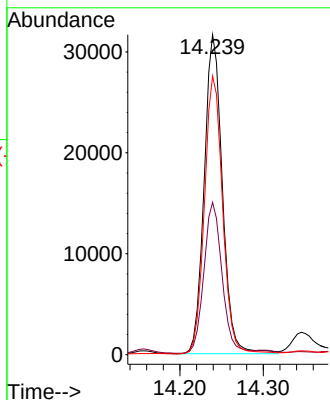
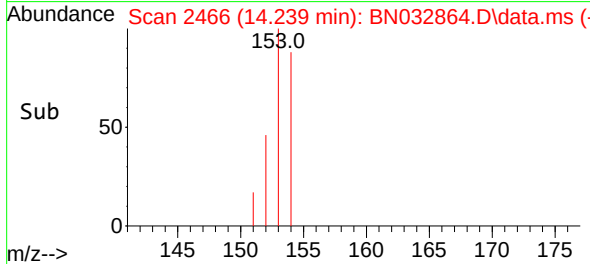
Instrument :
BNA_N
ClientSampleId :
A4BF6



Tgt Ion:153 Resp: 47962
Ion Ratio Lower Upper
153 100
152 47.6 40.0 60.0
154 87.1 70.2 105.4

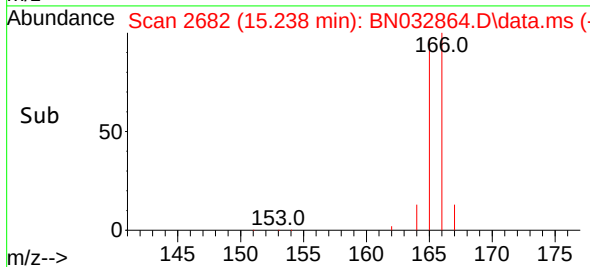
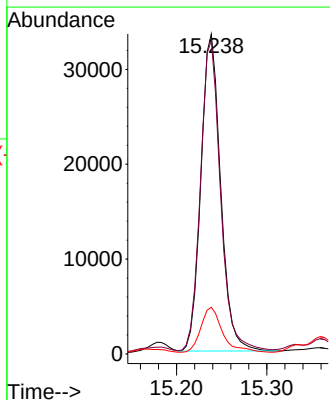
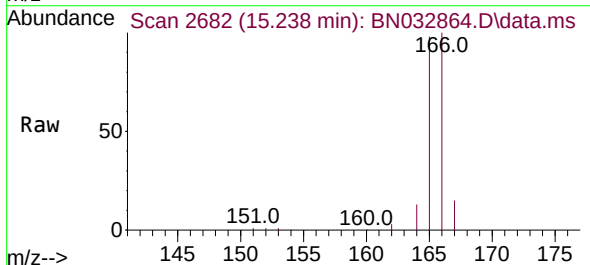
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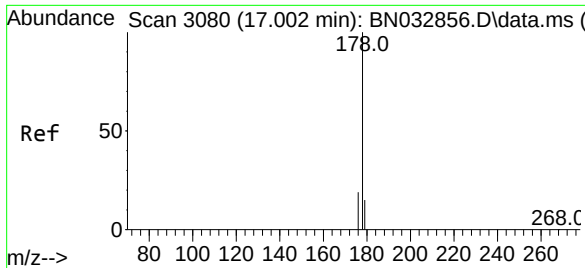
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#12
Fluorene
Concen: 1.326 ng/ul
RT: 15.238 min Scan# 2682
Delta R.T. -0.022 min
Lab File: BN032864.D
Acq: 20 Jul 2024 05:38

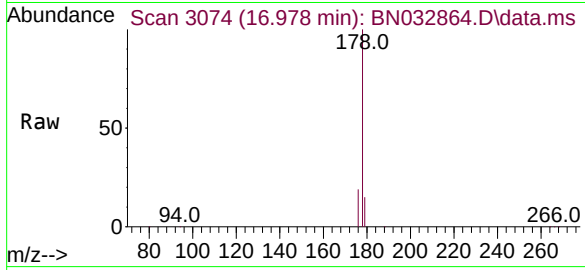
Tgt Ion:166 Resp: 50802
Ion Ratio Lower Upper
166 100
165 97.8 79.7 119.5
167 14.6 11.4 17.2





#15
Phenanthrene
Concen: 20.539 ng/ul m
RT: 16.978 min Scan# 3074
Delta R.T. -0.024 min
Lab File: BN032864.D
Acq: 20 Jul 2024 05:38

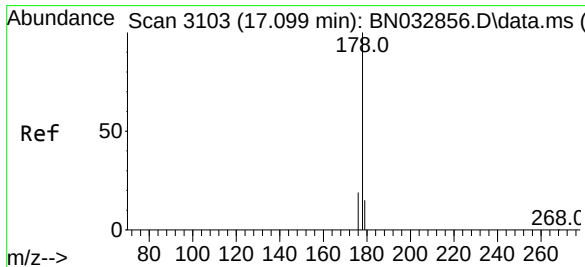
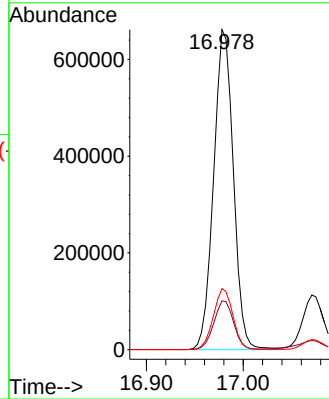
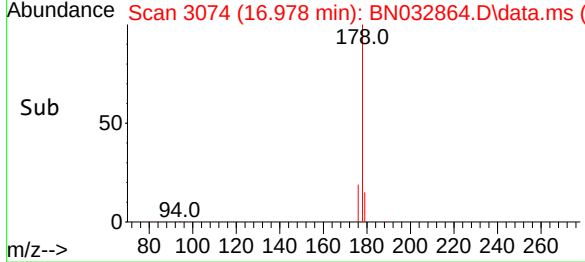
Instrument :
BNA_N
ClientSampleId :
A4BF6



Tgt Ion:	178	Resp:	93758
Ion Ratio	Lower	Upper	
178	100		
179	15.3	13.0	19.4
176	19.1	15.6	23.4

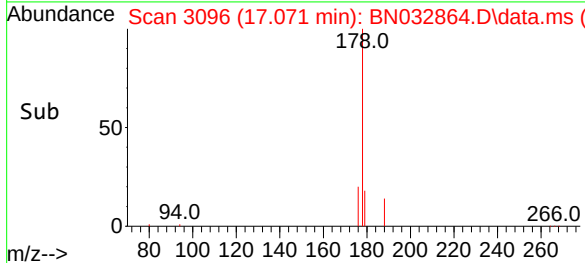
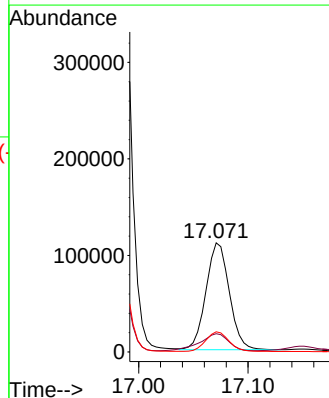
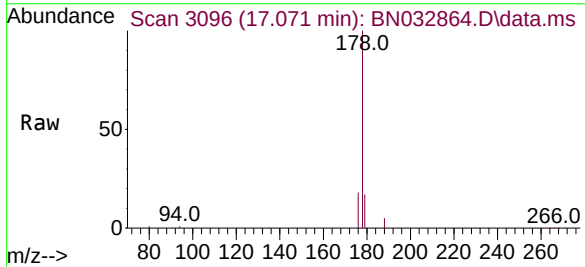
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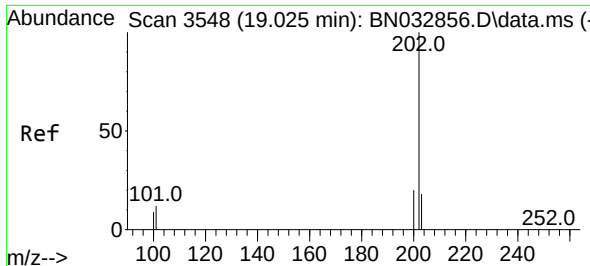
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#16
Anthracene
Concen: 4.400 ng/ul m
RT: 17.071 min Scan# 3096
Delta R.T. -0.028 min
Lab File: BN032864.D
Acq: 20 Jul 2024 05:38

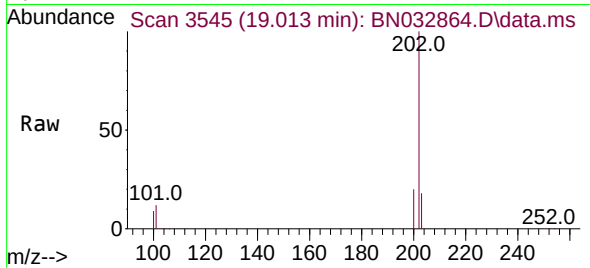
Tgt Ion:	178	Resp:	164100
Ion Ratio	Lower	Upper	
178	100		
179	16.7	13.4	20.2
176	18.5	15.4	23.0





#19
Fluoranthene
Concen: 25.231 ng/ul m
RT: 19.013 min Scan# 3545
Delta R.T. -0.012 min
Lab File: BN032864.D
Acq: 20 Jul 2024 05:38

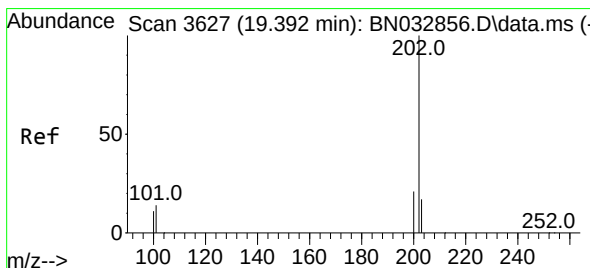
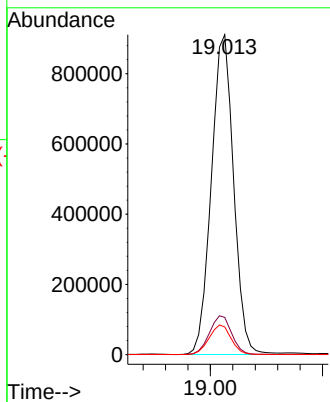
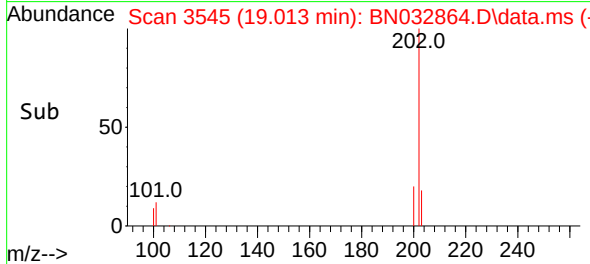
Instrument :
BNA_N
ClientSampleId :
A4BF6



Tgt Ion:202 Resp: 1256530
Ion Ratio Lower Upper
202 100
101 11.6 9.8 14.8
100 8.7 7.9 11.9

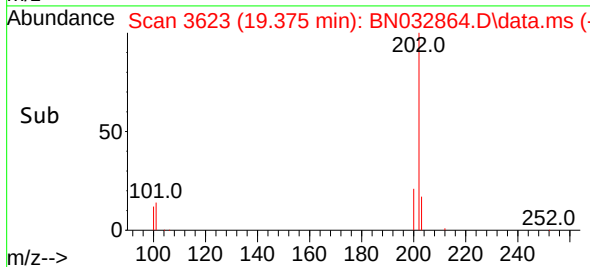
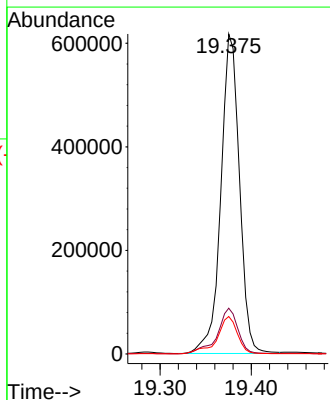
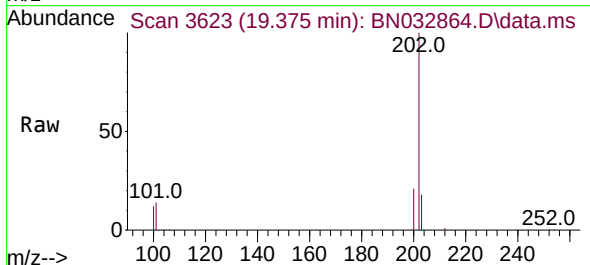
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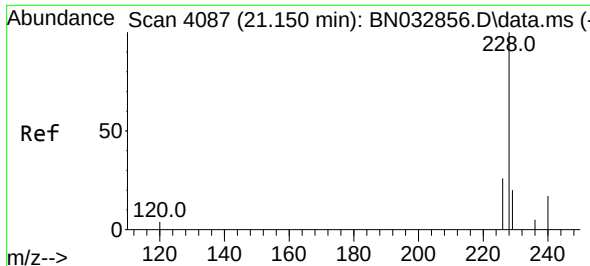
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#20
Pyrene
Concen: 16.988 ng/ul m
RT: 19.375 min Scan# 3623
Delta R.T. -0.017 min
Lab File: BN032864.D
Acq: 20 Jul 2024 05:38

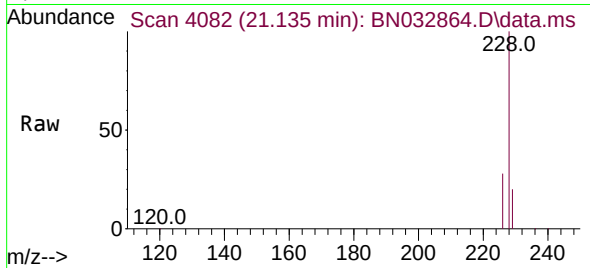
Tgt Ion:202 Resp: 875728
Ion Ratio Lower Upper
202 100
101 14.3 11.8 17.6
100 11.7 9.6 14.4





#21
Benzo(a)anthracene
Concen: 14.033 ng/ul m
RT: 21.135 min Scan# 4087
Delta R.T. -0.015 min
Lab File: BN032864.D
Acq: 20 Jul 2024 05:38

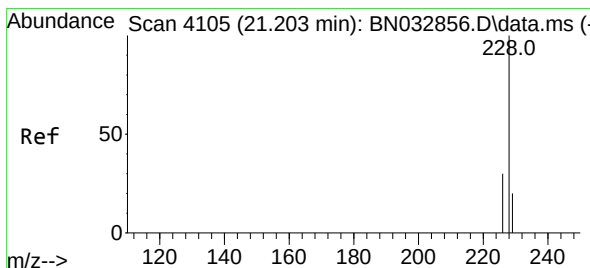
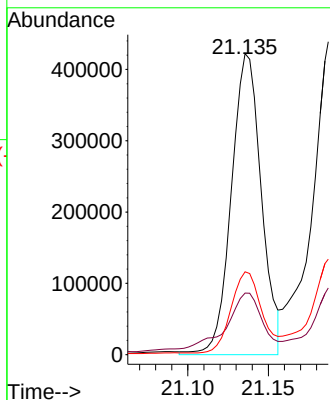
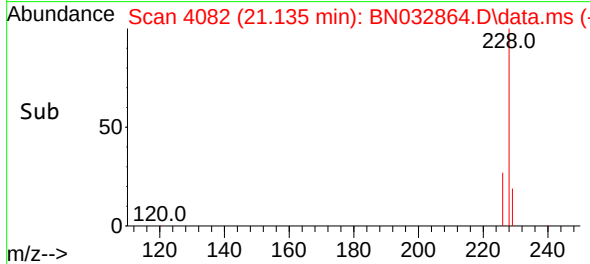
Instrument :
BNA_N
ClientSampleId :
A4BF6



Tgt Ion:228 Resp: 547130
Ion Ratio Lower Upper
228 100
229 20.5 16.1 24.1
226 27.5 21.9 32.9

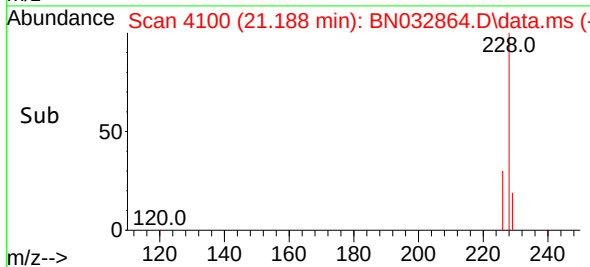
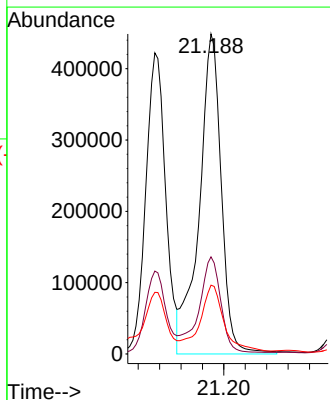
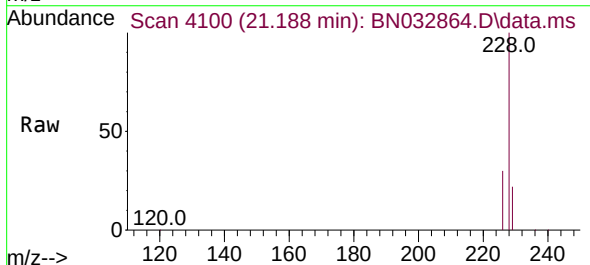
Manual Integrations
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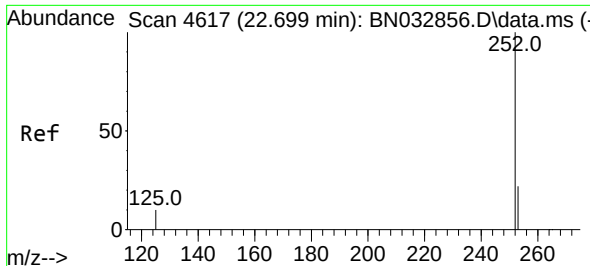
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#22
Chrysene
Concen: 11.396 ng/ul m
RT: 21.188 min Scan# 4100
Delta R.T. -0.015 min
Lab File: BN032864.D
Acq: 20 Jul 2024 05:38

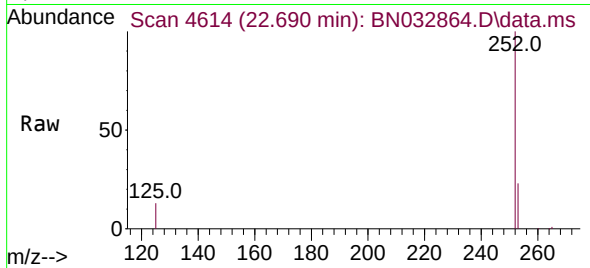
Tgt Ion:228 Resp: 642803
Ion Ratio Lower Upper
228 100
226 30.4 24.0 36.0
229 21.5 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 11.488 ng/ul m
RT: 22.690 min Scan# 4614
Delta R.T. -0.009 min
Lab File: BN032864.D
Acq: 20 Jul 2024 05:38

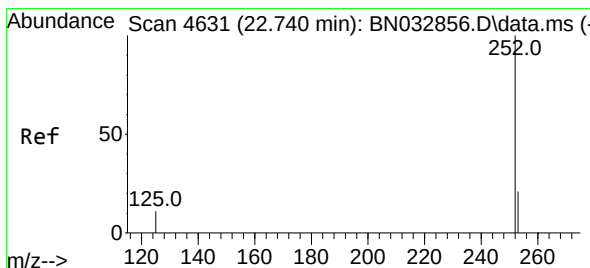
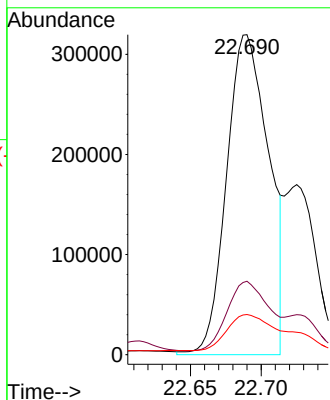
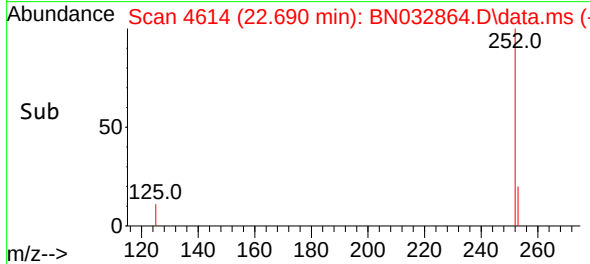
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:252 Resp: 661298
Ion Ratio Lower Upper
252 100
253 23.0 0.0 54.0
125 12.5 0.0 36.0

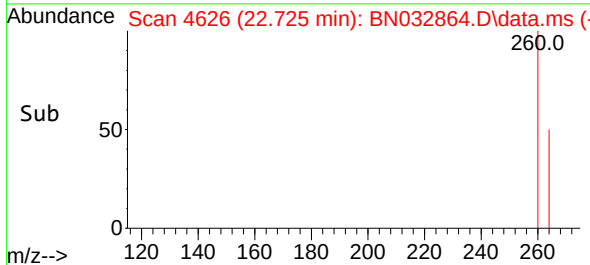
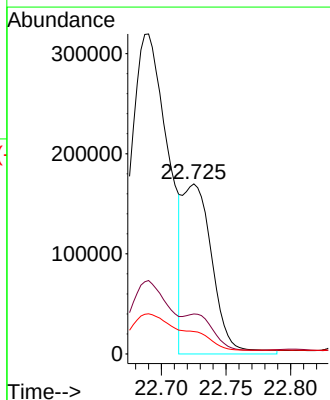
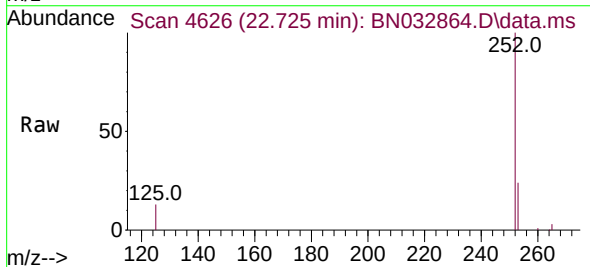
Manual Integrations
APPROVED

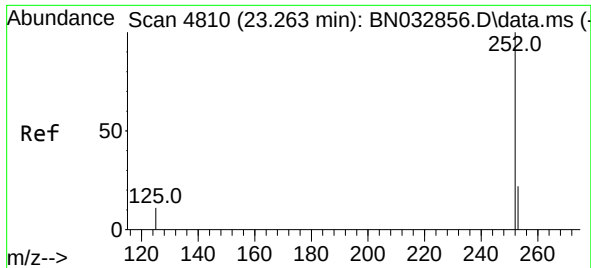
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#25
Benzo(k)fluoranthene
Concen: 3.878 ng/ul m
RT: 22.725 min Scan# 4626
Delta R.T. -0.015 min
Lab File: BN032864.D
Acq: 20 Jul 2024 05:38

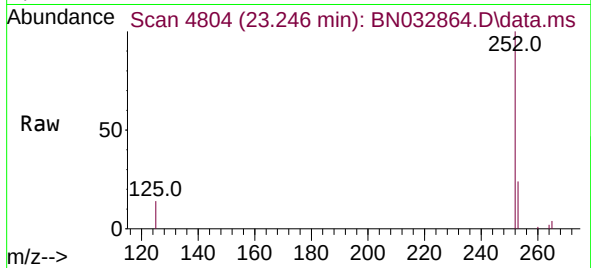
Tgt Ion:252 Resp: 272022
Ion Ratio Lower Upper
252 100
253 23.5 21.2 31.8
125 13.2 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 5.509 ng/ul m
RT: 23.246 min Scan# 4810
Delta R.T. -0.018 min
Lab File: BN032864.D
Acq: 20 Jul 2024 05:38

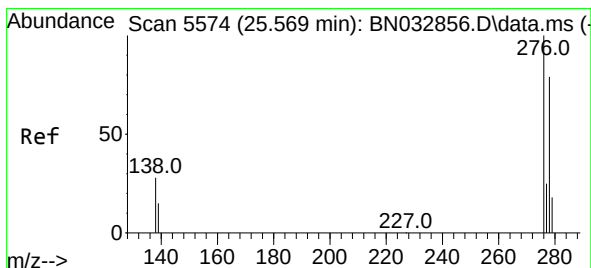
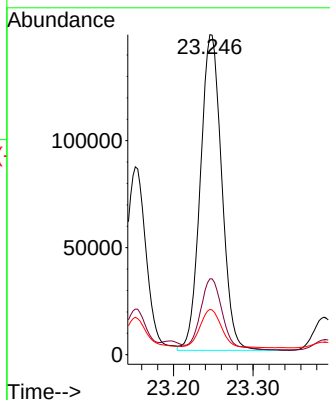
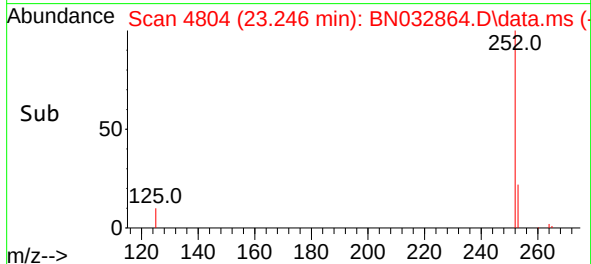
Instrument :
BNA_N
ClientSampleId :
A4BF6



Tgt Ion:252 Resp: 274449
Ion Ratio Lower Upper
252 100
253 23.7 25.4 38.0#
125 14.1 20.6 30.8#

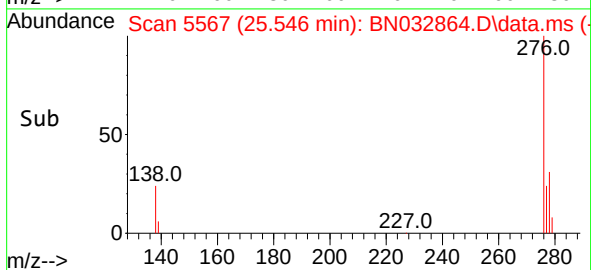
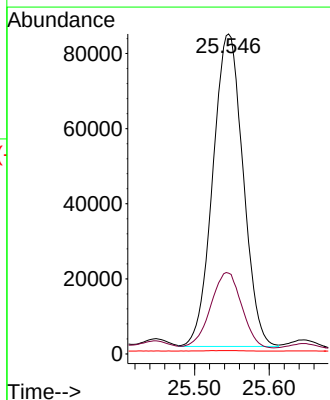
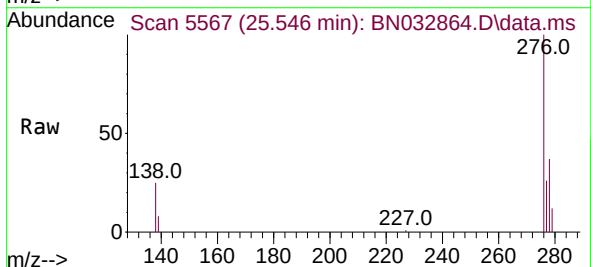
Manual Integrations
APPROVED

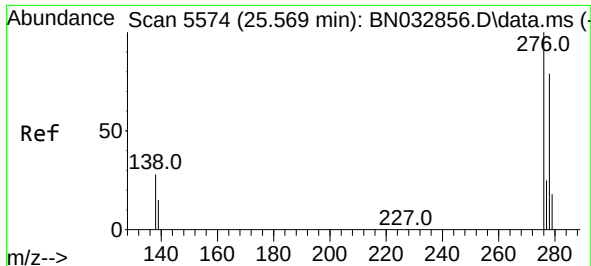
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.470 ng/ul m
RT: 25.546 min Scan# 5567
Delta R.T. -0.024 min
Lab File: BN032864.D
Acq: 20 Jul 2024 05:38

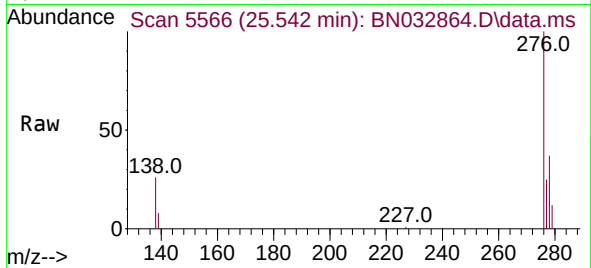
Tgt Ion:276 Resp: 234070
Ion Ratio Lower Upper
276 100
138 5.2 21.6 32.4#
227 0.0 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 2.021 ng/ul m
RT: 25.542 min Scan# 51
Delta R.T. -0.027 min
Lab File: BN032864.D
Acq: 20 Jul 2024 05:38

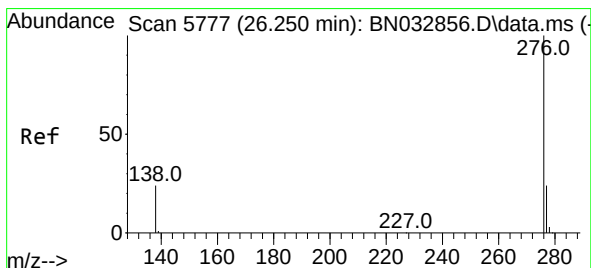
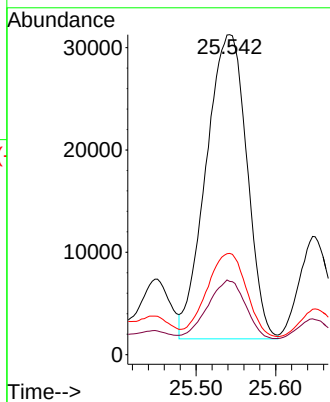
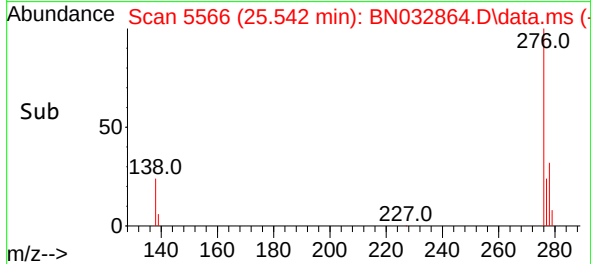
Instrument :
BNA_N
ClientSampleId :
A4BF6



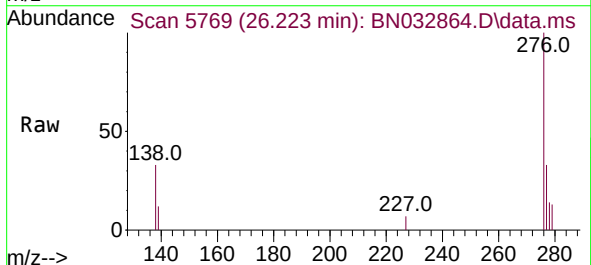
Tgt Ion:278 Resp: 105662
Ion Ratio Lower Upper
278 100
139 22.9 16.6 24.8
279 31.6 23.7 35.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.582 ng/ul m
RT: 26.223 min Scan# 5769
Delta R.T. -0.027 min
Lab File: BN032864.D
Acq: 20 Jul 2024 05:38



Tgt Ion:276 Resp: 32828
Ion Ratio Lower Upper
276 100
138 33.1 21.0 31.4#
277 33.3 20.6 31.0#

