

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
 Data File : BN032890.D
 Acq On : 22 Jul 2024 13:10
 Operator : MA/JU
 Sample : P3215-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D23

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/23/2024

Quant Time: Jul 22 13:56:45 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	7.523	152	4147	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.288	136	12043	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.174	164	6775	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.936	188	12967m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.156	240	11215m	0.400	ng/ul	0.00
23) Perylene-d12	23.345	264	11843m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.085	96	18023	3.620	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.894	152	4385	0.241	ng/ul	-0.03
18) Fluoranthene-d10	18.980	212	8066	0.221	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.338	128	3158	0.098	ng/ul#	94
7) 2-Methylnaphthalene	11.977	142	897	0.044	ng/ul	97
8) 1-Methylnaphthalene	12.197	142	619	0.030	ng/ul	96
10) Acenaphthylene	13.892	152	5616	0.205	ng/ul	95
11) Acenaphthene	14.235	153	1217	0.054	ng/ul	96
12) Fluorene	15.234	166	1858	0.072	ng/ul#	97
15) Phenanthrene	16.974	178	28837m	0.817	ng/ul	
16) Anthracene	17.071	178	7730m	0.268	ng/ul	
19) Fluoranthene	19.008	202	77938	1.709	ng/ul	99
20) Pyrene	19.375	202	71307	1.511	ng/ul	99
21) Benzo(a)anthracene	21.141	228	36439	1.021	ng/ul	96
22) Chrysene	21.194	228	49115	0.951	ng/ul	97
24) Benzo(b)fluoranthene	22.693	252	66888m	1.601	ng/ul	
25) Benzo(k)fluoranthene	22.728	252	23718m	0.466	ng/ul	
26) Benzo(a)pyrene	23.249	252	41837	1.157	ng/ul	90
27) Indeno(1,2,3-cd)pyrene	25.552	276	34772	0.710	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.546	278	7961	0.210	ng/ul#	61
29) Benzo(g,h,i)perylene	26.233	276	34887	0.853	ng/ul	98

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

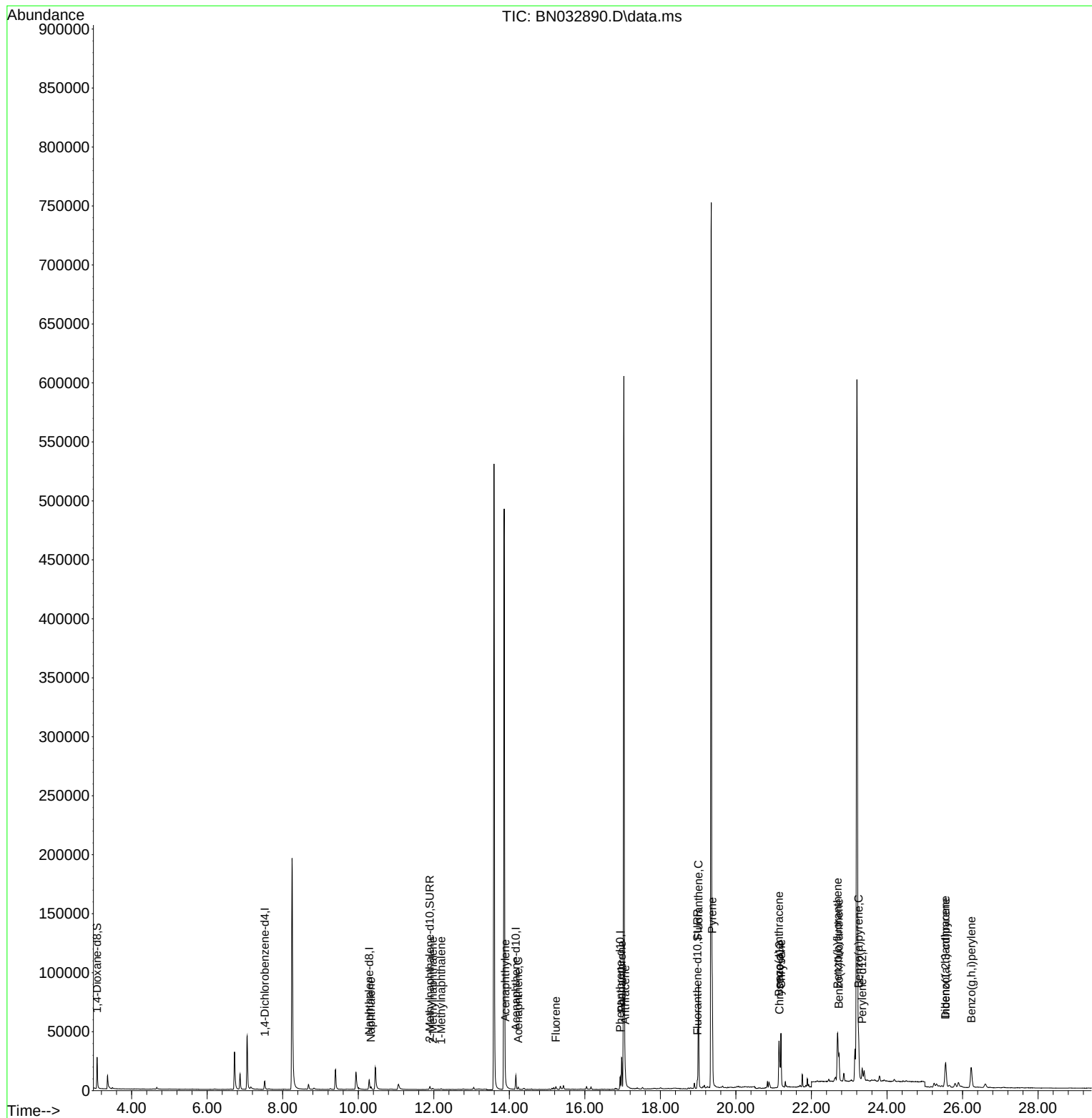
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032890.D
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ALS Vial : 6 Sample Multiplier: 1

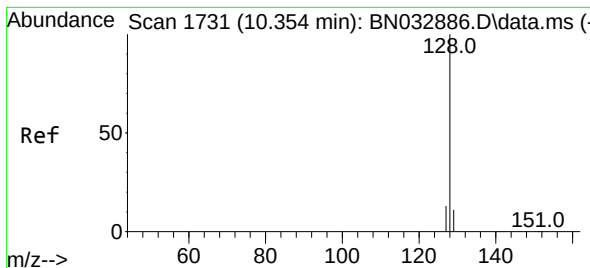
Instrument :
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A4D23

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Quant Time: Jul 22 13:56:45 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: 0.098 ng/ul

RT: 10.338 min Scan# 1731

Delta R.T. -0.026 min

Lab File: BN032890.D

Acq: 22 Jul 2024 13:10

Instrument :

BNA_N

ClientSampleId :

A4D23

Tgt Ion:128 Resp: 3158

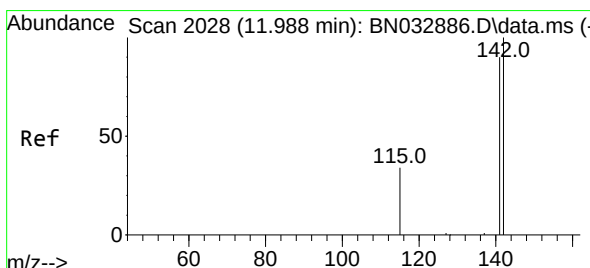
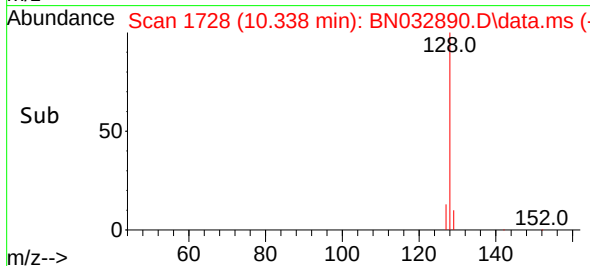
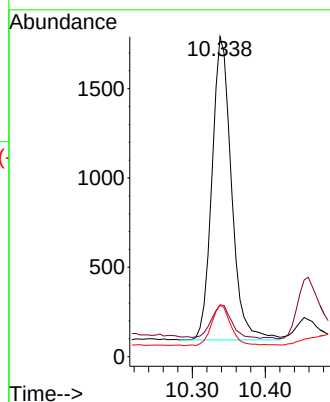
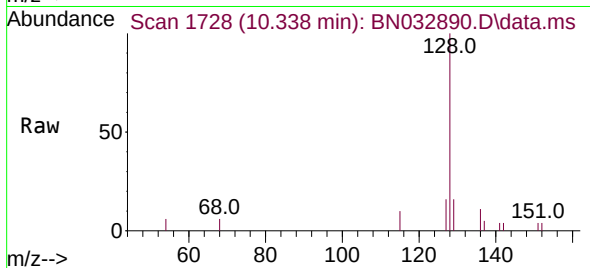
Ion	Ratio	Lower	Upper
128	100		
129	16.2	10.0	15.0
127	16.0	11.6	17.4

Manual Integrations

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Supervised By :mohammad ahmed 07/23/2024



#7

2-Methylnaphthalene

Concen: 0.044 ng/ul

RT: 11.977 min Scan# 2026

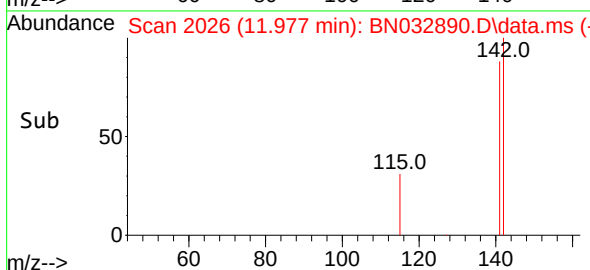
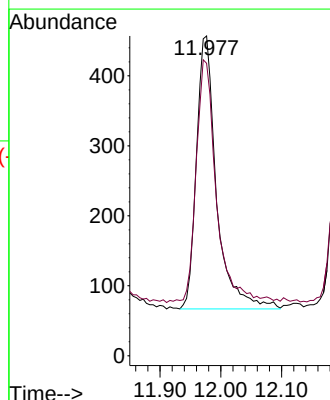
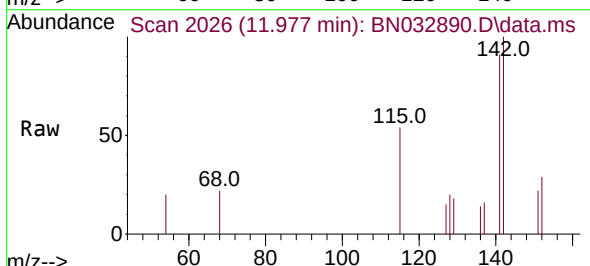
Delta R.T. -0.020 min

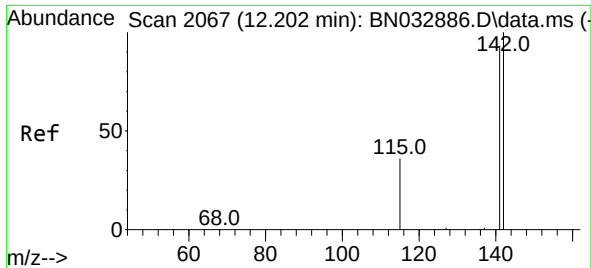
Lab File: BN032890.D

Acq: 22 Jul 2024 13:10

Tgt Ion:142 Resp: 897

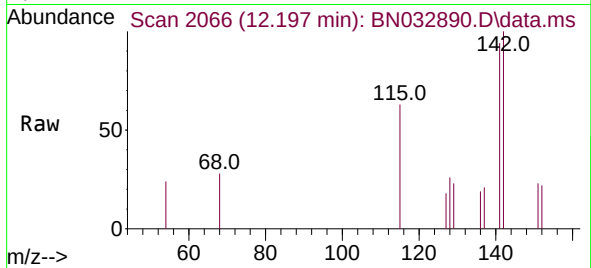
Ion	Ratio	Lower	Upper
142	100		
141	89.5	74.0	111.0





#8
1-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.197 min Scan# 2066
Delta R.T. -0.015 min
Lab File: BN032890.D
Acq: 22 Jul 2024 13:10

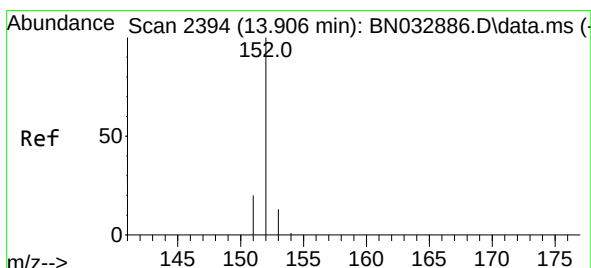
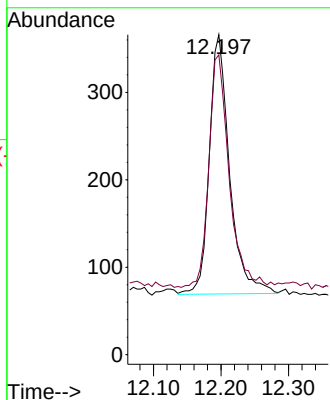
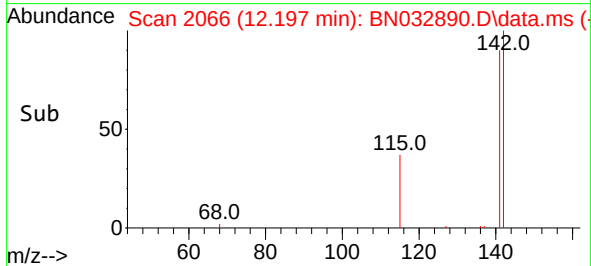
Instrument :
BNA_N
ClientSampleId :
A4D23



Tgt Ion:142 Resp: 619
Ion Ratio Lower Upper
142 100
141 90.1 75.0 112.4

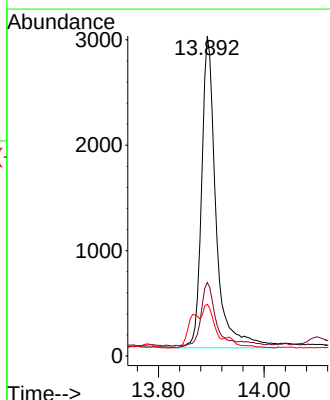
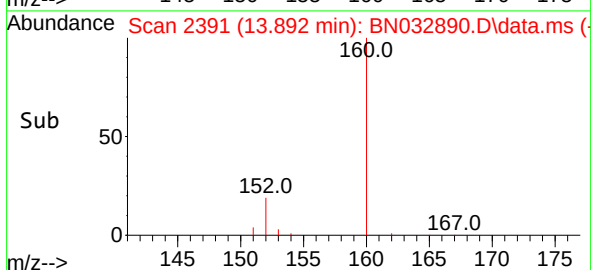
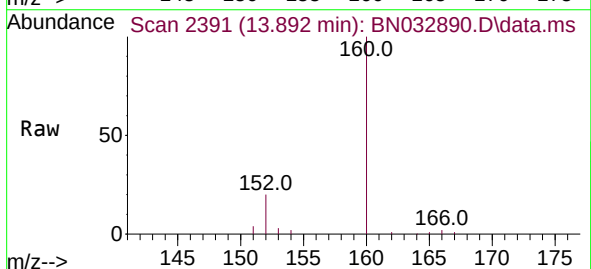
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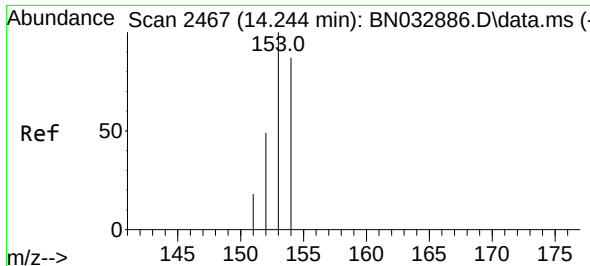
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#10
Acenaphthylene
Concen: 0.205 ng/ul
RT: 13.892 min Scan# 2391
Delta R.T. -0.022 min
Lab File: BN032890.D
Acq: 22 Jul 2024 13:10

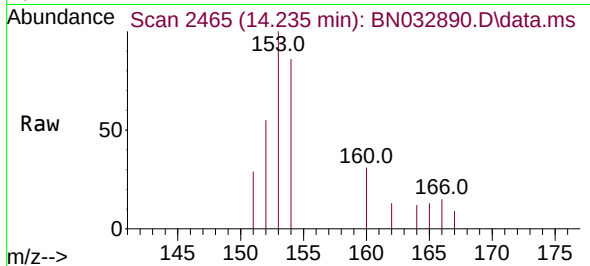
Tgt Ion:152 Resp: 5616
Ion Ratio Lower Upper
152 100
151 23.0 16.3 24.5
153 16.2 11.3 16.9





#11
Acenaphthene
Concen: 0.054 ng/u1
RT: 14.235 min Scan# 2465
Delta R.T. -0.017 min
Lab File: BN032890.D
Acq: 22 Jul 2024 13:10

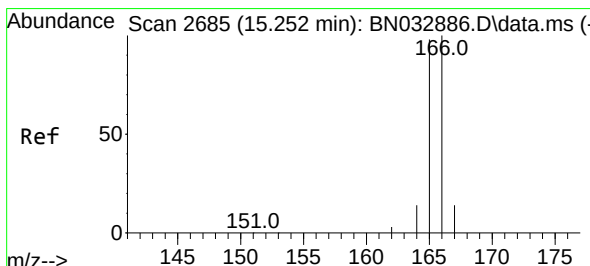
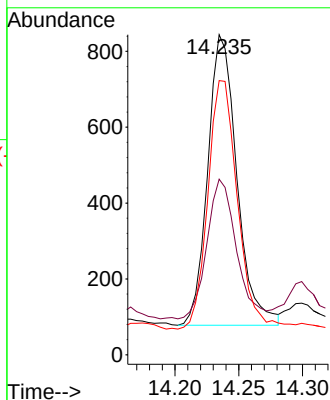
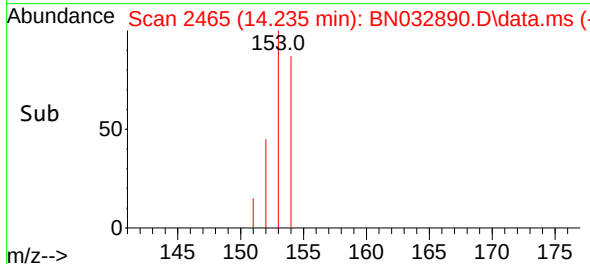
Instrument :
BNA_N
ClientSampleId :
A4D23



Tgt Ion:153 Resp: 121
Ion Ratio Lower Upper
153 100
152 54.9 40.0 60.0
154 85.7 70.2 105.4

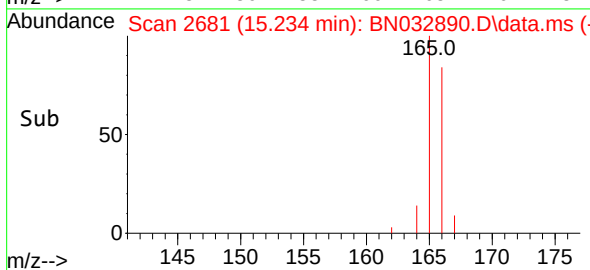
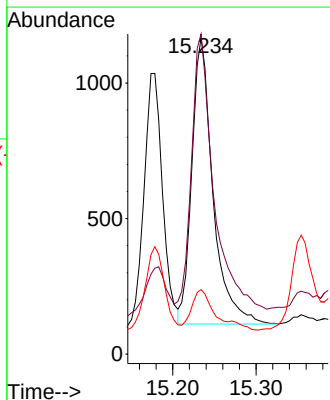
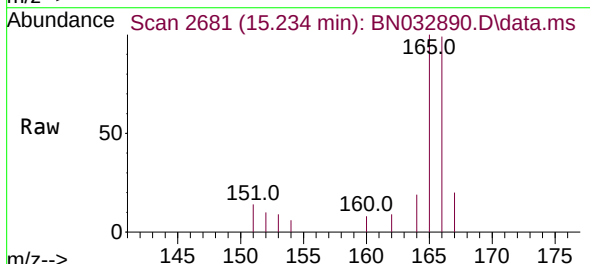
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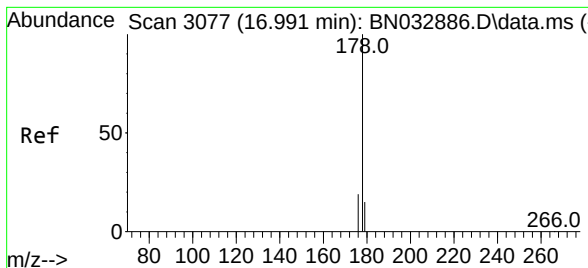
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#12
Fluorene
Concen: 0.072 ng/u1
RT: 15.234 min Scan# 2681
Delta R.T. -0.026 min
Lab File: BN032890.D
Acq: 22 Jul 2024 13:10

Tgt Ion:166 Resp: 1858
Ion Ratio Lower Upper
166 100
165 101.2 79.7 119.5
167 20.4 11.4 17.2#





#15

Phenanthrene

Concen: 0.817 ng/ul m

RT: 16.974 min Scan# 3073

Delta R.T. -0.028 min

Lab File: BN032890.D

Acq: 22 Jul 2024 13:10

Instrument :

BNA_N

ClientSampleId :

A4D23

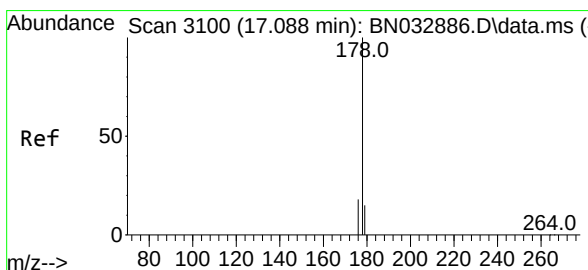
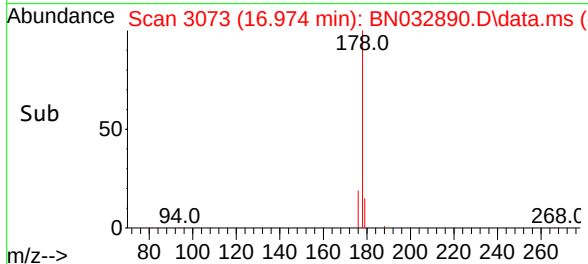
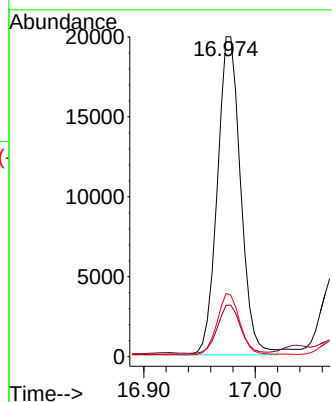
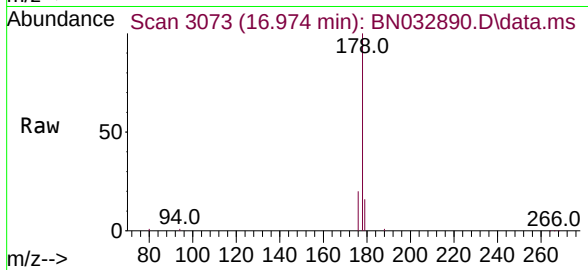
Tgt Ion:178	Resp:	2883
Ion Ratio	Lower	Upper
178	100	
179	16.1	13.0 19.4
176	19.7	15.6 23.4

Manual Integrations

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Supervised By :mohammad ahmed 07/23/2024



#16

Anthracene

Concen: 0.268 ng/ul m

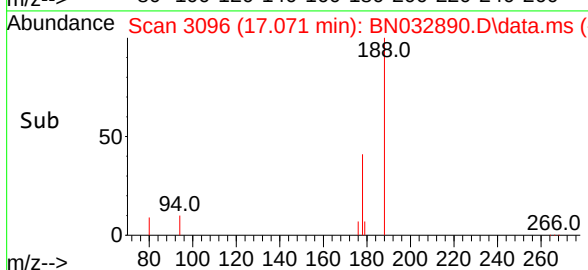
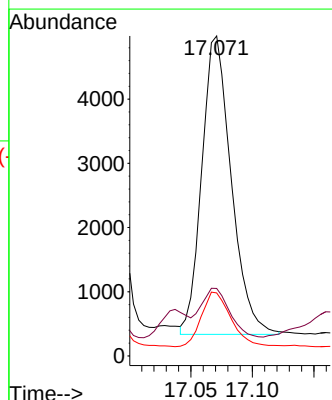
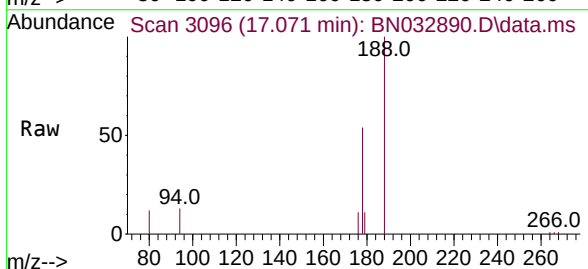
RT: 17.071 min Scan# 3096

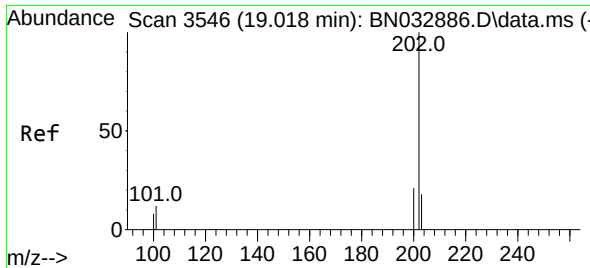
Delta R.T. -0.028 min

Lab File: BN032890.D

Acq: 22 Jul 2024 13:10

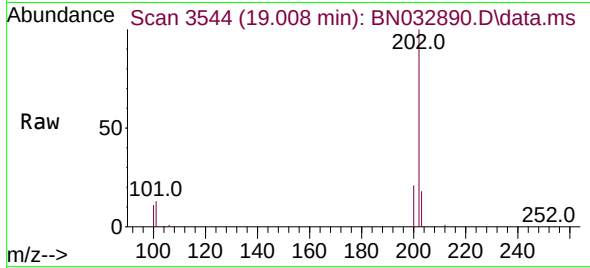
Tgt Ion:178	Resp:	7730
Ion Ratio	Lower	Upper
178	100	
179	21.1	13.4 20.2#
176	19.7	15.4 23.0





#19
Fluoranthene
Concen: 1.709 ng/ul
RT: 19.008 min Scan# 3546
Delta R.T. -0.017 min
Lab File: BN032890.D
Acq: 22 Jul 2024 13:10

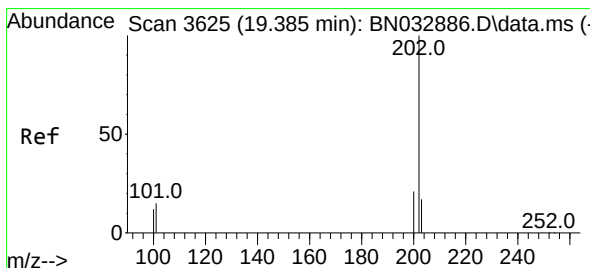
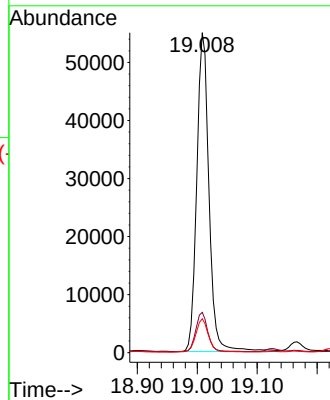
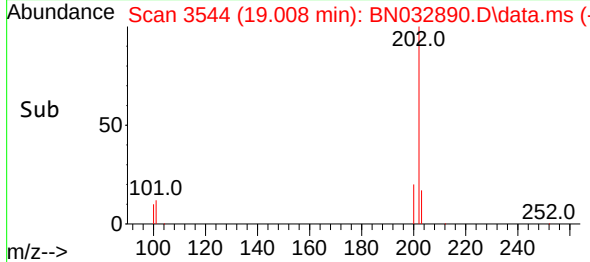
Instrument :
BNA_N
ClientSampleId :
A4D23



Tgt Ion:202 Resp: 77938
Ion Ratio Lower Upper
202 100
101 12.6 9.8 14.8
100 10.6 7.9 11.9

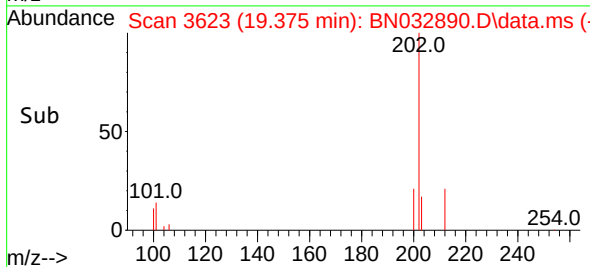
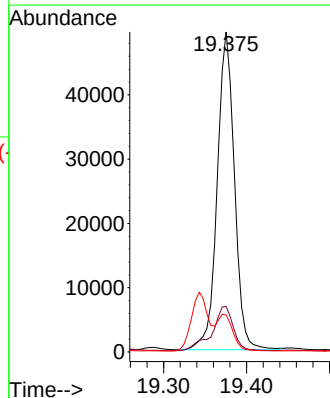
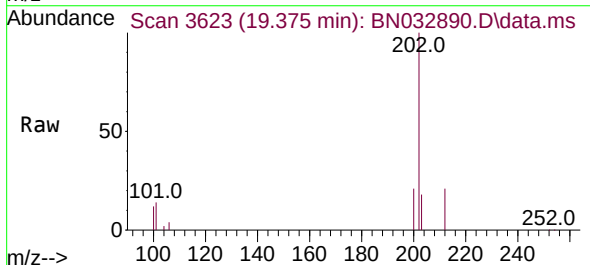
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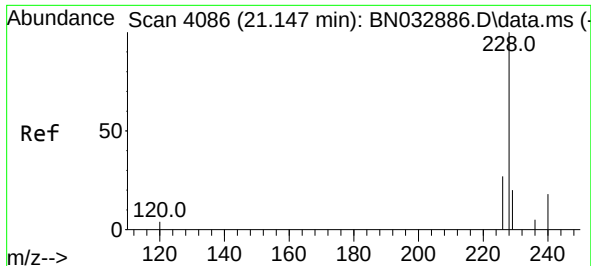
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#20
Pyrene
Concen: 1.511 ng/ul
RT: 19.375 min Scan# 3623
Delta R.T. -0.017 min
Lab File: BN032890.D
Acq: 22 Jul 2024 13:10

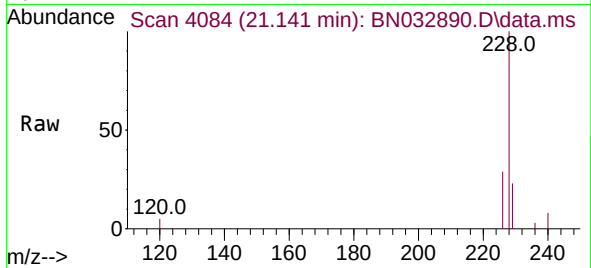
Tgt Ion:202 Resp: 71307
Ion Ratio Lower Upper
202 100
101 14.2 11.8 17.6
100 11.6 9.6 14.4





#21
Benzo(a)anthracene
Concen: 1.021 ng/ul
RT: 21.141 min Scan# 4086
Delta R.T. -0.009 min
Lab File: BN032890.D
Acq: 22 Jul 2024 13:10

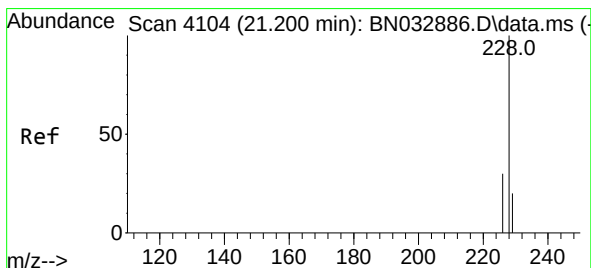
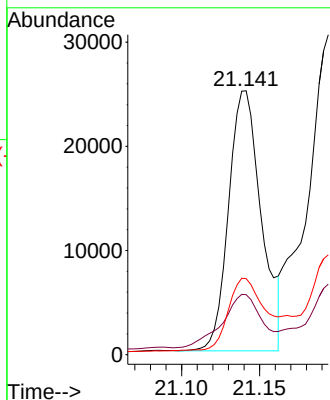
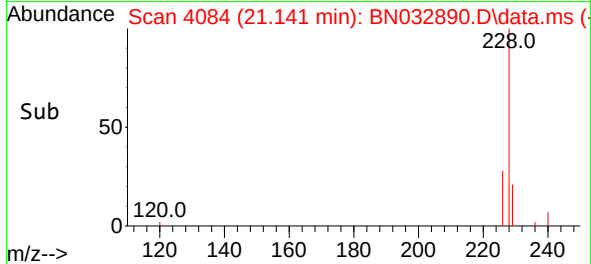
Instrument :
BNA_N
ClientSampleId :
A4D23



Tgt Ion:228 Resp: 36439
Ion Ratio Lower Upper
228 100
229 22.7 16.1 24.1
226 28.8 21.9 32.9

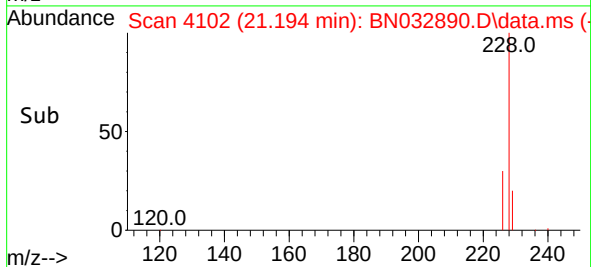
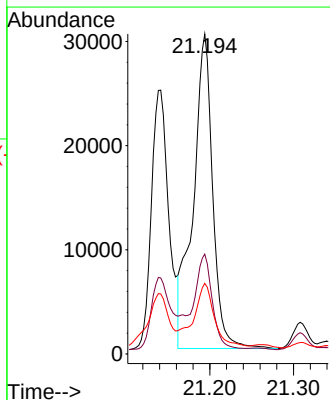
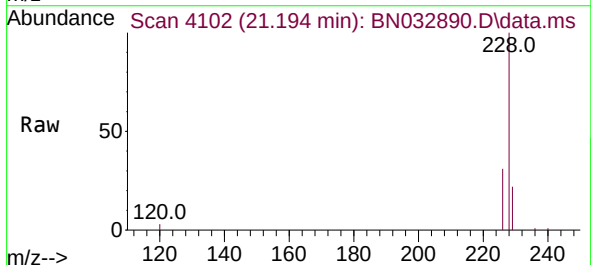
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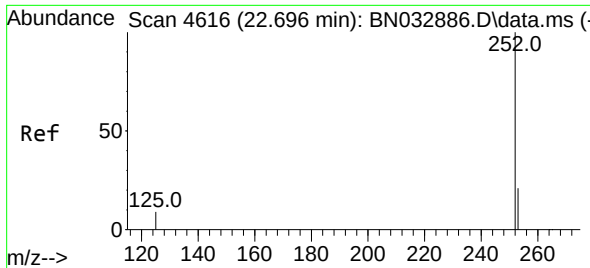
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#22
Chrysene
Concen: 0.951 ng/ul
RT: 21.194 min Scan# 4102
Delta R.T. -0.009 min
Lab File: BN032890.D
Acq: 22 Jul 2024 13:10

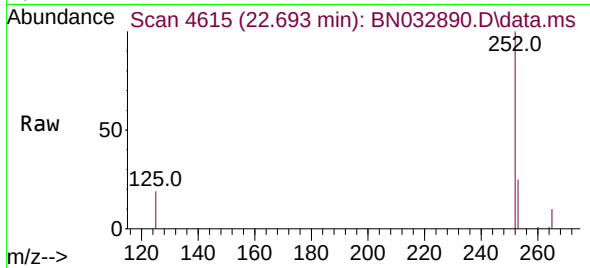
Tgt Ion:228 Resp: 49115
Ion Ratio Lower Upper
228 100
226 31.2 24.0 36.0
229 22.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.601 ng/ul m
RT: 22.693 min Scan# 4616
Delta R.T. -0.006 min
Lab File: BN032890.D
Acq: 22 Jul 2024 13:10

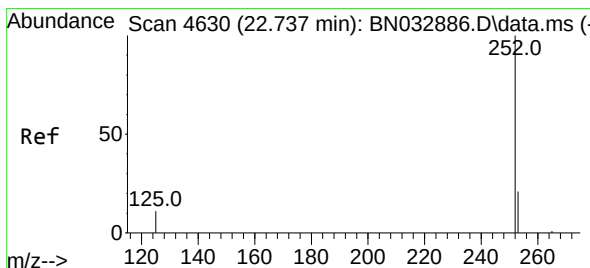
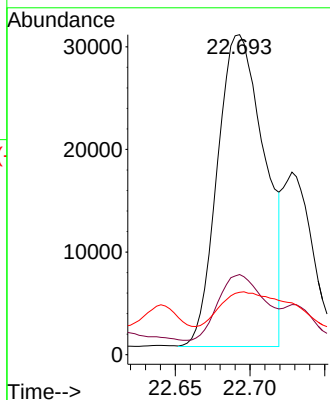
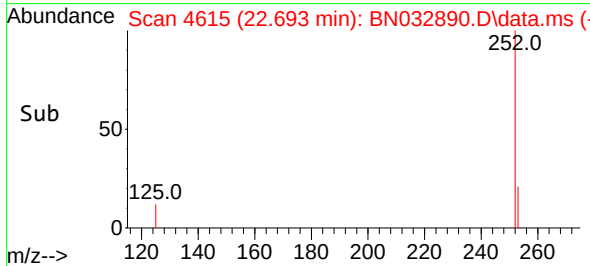
Instrument :
BNA_N
ClientSampleId :
A4D23



Tgt Ion:252 Resp: 6688
Ion Ratio Lower Upper
252 100
253 25.0 0.0 54.0
125 19.5 0.0 36.0

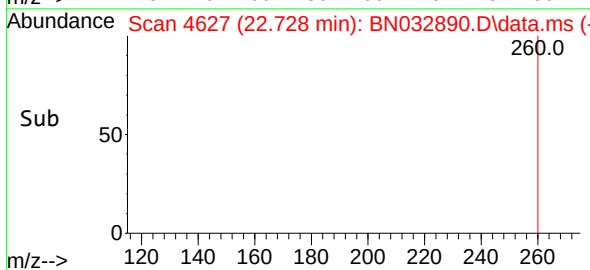
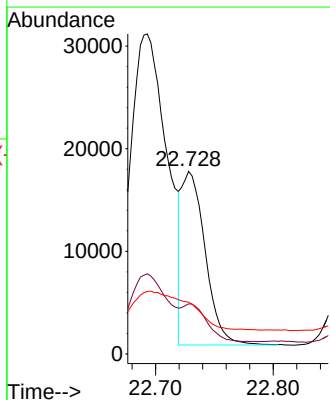
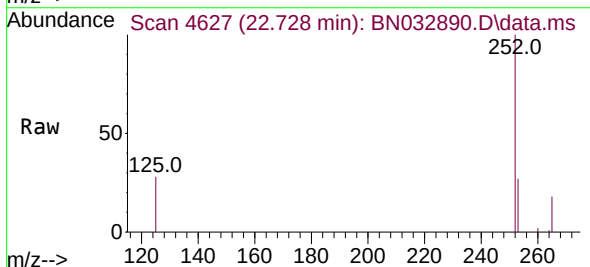
Manual Integrations
APPROVED

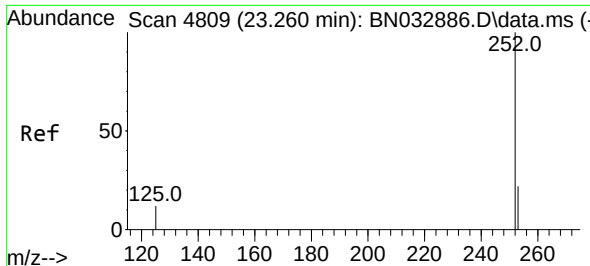
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#25
Benzo(k)fluoranthene
Concen: 0.466 ng/ul m
RT: 22.728 min Scan# 4627
Delta R.T. -0.012 min
Lab File: BN032890.D
Acq: 22 Jul 2024 13:10

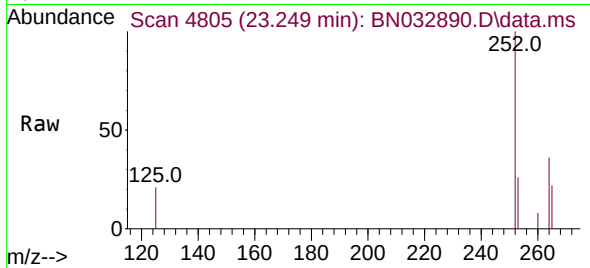
Tgt Ion:252 Resp: 23718
Ion Ratio Lower Upper
252 100
253 27.4 21.2 31.8
125 28.4 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 1.157 ng/ul
RT: 23.249 min Scan# 4809
Delta R.T. -0.015 min
Lab File: BN032890.D
Acq: 22 Jul 2024 13:10

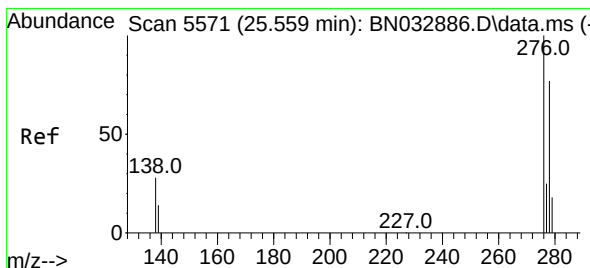
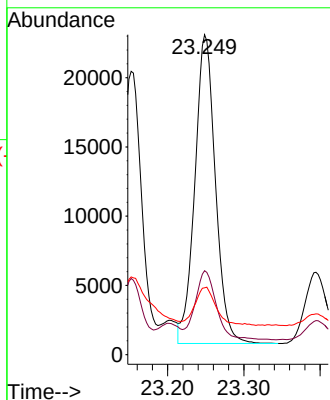
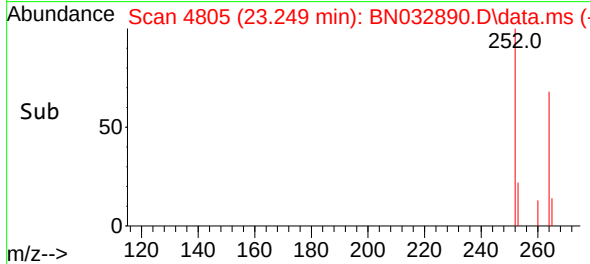
Instrument :
BNA_N
ClientSampleId :
A4D23



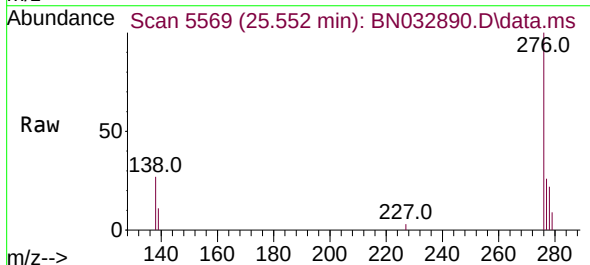
Tgt Ion:252 Resp: 4183
Ion Ratio Lower Upper
252 100
253 26.2 25.4 38.0
125 20.9 20.6 30.8

Manual Integrations
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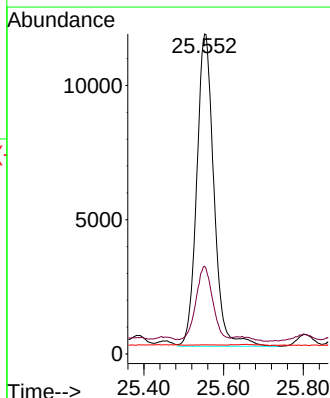
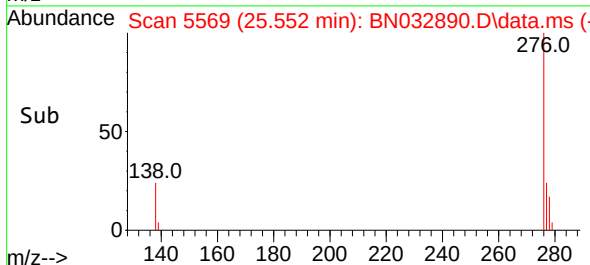
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

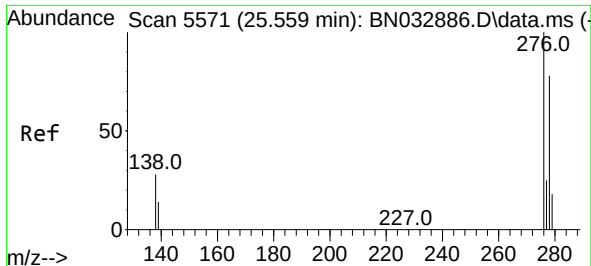


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.710 ng/ul
RT: 25.552 min Scan# 5569
Delta R.T. -0.017 min
Lab File: BN032890.D
Acq: 22 Jul 2024 13:10



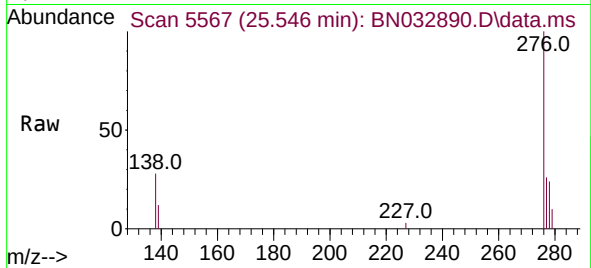
Tgt Ion:276 Resp: 34772
Ion Ratio Lower Upper
276 100
138 22.5 21.6 32.4
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.210 ng/ul
RT: 25.546 min Scan# 5567
Delta R.T. -0.024 min
Lab File: BN032890.D
Acq: 22 Jul 2024 13:10

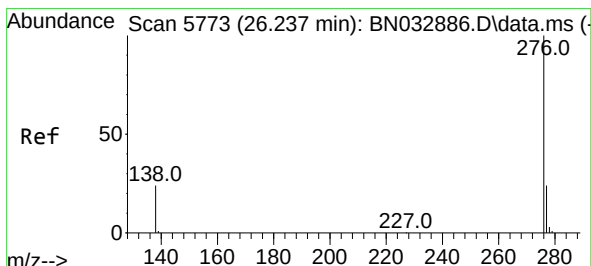
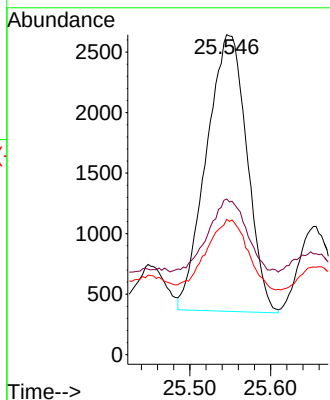
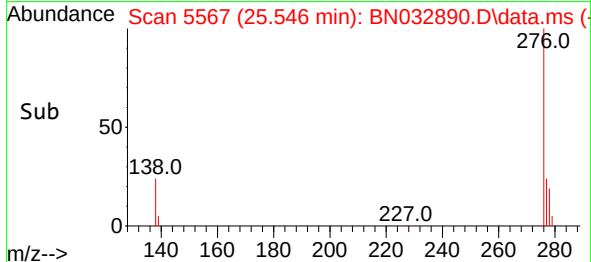
Instrument :
BNA_N
ClientSampleId :
A4D23



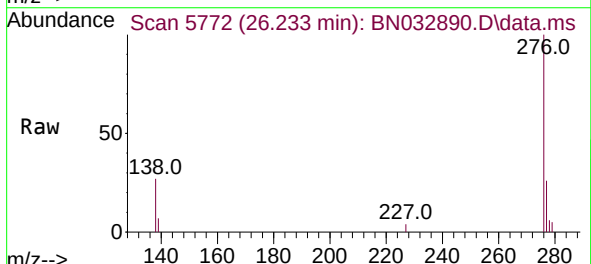
Tgt Ion:278 Resp: 796
Ion Ratio Lower Upper
278 100
139 48.7 16.6 24.8
279 42.3 23.7 35.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#29
Benzo(g,h,i)perylene
Concen: 0.853 ng/ul
RT: 26.233 min Scan# 5772
Delta R.T. -0.017 min
Lab File: BN032890.D
Acq: 22 Jul 2024 13:10



Tgt Ion:276 Resp: 34887
Ion Ratio Lower Upper
276 100
138 27.5 21.0 31.4
277 26.4 20.6 31.0

