

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
 Data File : BN032894.D
 Acq On : 22 Jul 2024 15:35
 Operator : MA/JU
 Sample : P3215-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CJ4

Manual Integrations
 APPROVED

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

Quant Time: Jul 22 16:11:26 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	4361	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.288	136	13474	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.174	164	7295	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.936	188	12701m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.153	240	10313m	0.400	ng/ul	-0.01
23) Perylene-d12	23.342	264	13126m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	17652	3.371	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.894	152	4363	0.214	ng/ul	-0.03
18) Fluoranthene-d10	18.975	212	7739m	0.230	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.338	128	25813	0.713	ng/ul	98
7) 2-Methylnaphthalene	11.971	142	8704	0.385	ng/ul	97
8) 1-Methylnaphthalene	12.191	142	6409	0.274	ng/ul	100
10) Acenaphthylene	13.892	152	28688	0.973	ng/ul	100
11) Acenaphthene	14.234	153	32127	1.318	ng/ul	98
12) Fluorene	15.234	166	36313	1.303	ng/ul	98
14) Pentachlorophenol	16.619	266	110m	0.049	ng/ul	
15) Phenanthrene	16.974	178	642703m	18.580	ng/ul	
16) Anthracene	17.066	178	127259m	4.503	ng/ul	
19) Fluoranthene	19.008	202	985197m	23.496	ng/ul	
20) Pyrene	19.375	202	769483m	17.729	ng/ul	
21) Benzo(a)anthracene	21.135	228	490234m	14.934	ng/ul	
22) Chrysene	21.188	228	524002m	11.034	ng/ul	
24) Benzo(b)fluoranthene	22.690	252	664810m	14.355	ng/ul	
25) Benzo(k)fluoranthene	22.725	252	237338m	4.205	ng/ul	
26) Benzo(a)pyrene	23.248	252	284432m	7.097	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.542	276	254078m	4.682	ng/ul	
28) Dibenzo(a,h)anthracene	25.535	278	94524m	2.247	ng/ul	
29) Benzo(g,h,i)perylene	26.226	276	34327m	0.757	ng/ul	

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

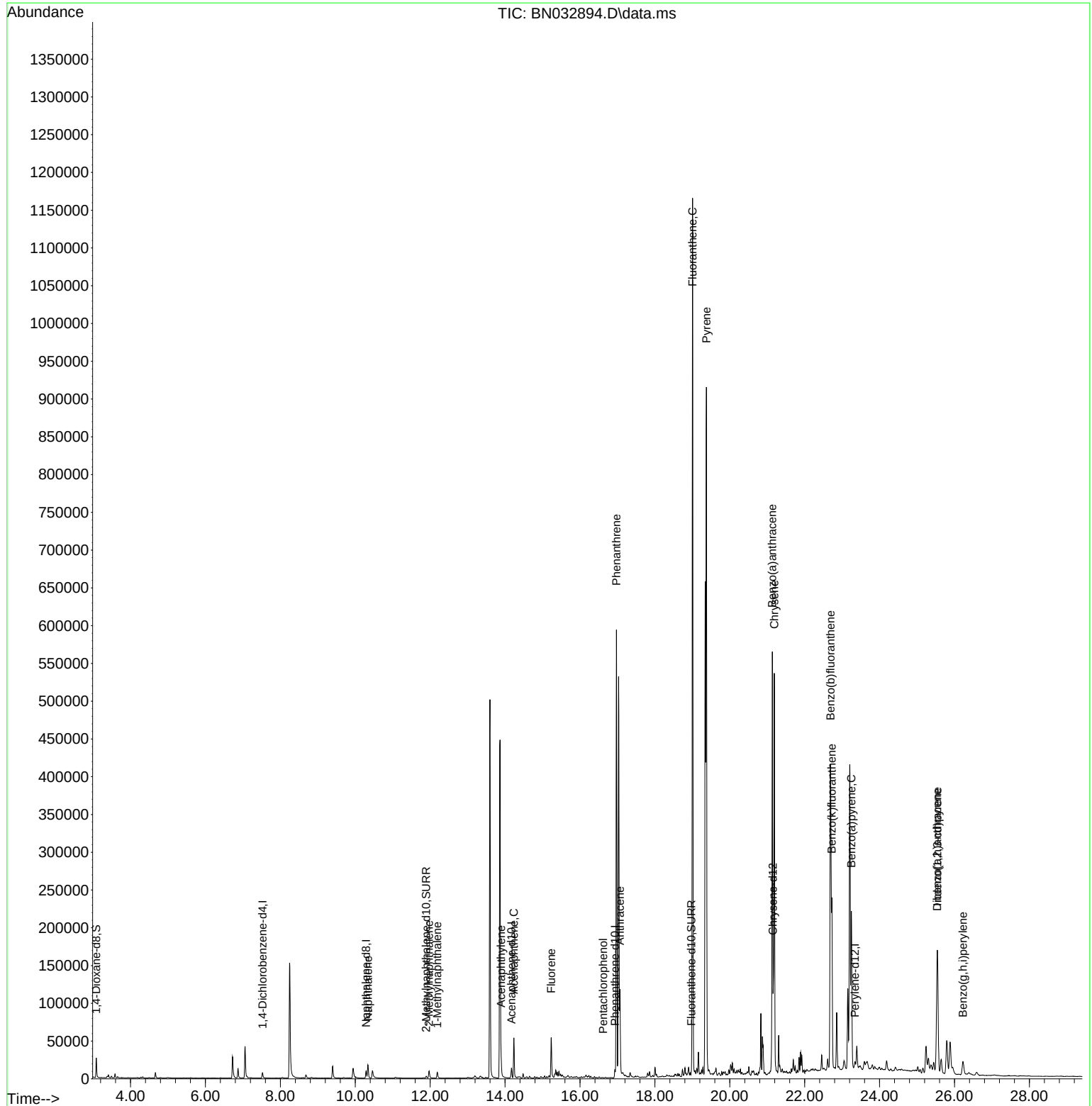
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032894.D
Acq On : 22 Jul 2024 15:35
Operator : MA/JU
Sample : P3215-19
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ALS Vial : 10 Sample Multiplier: 1

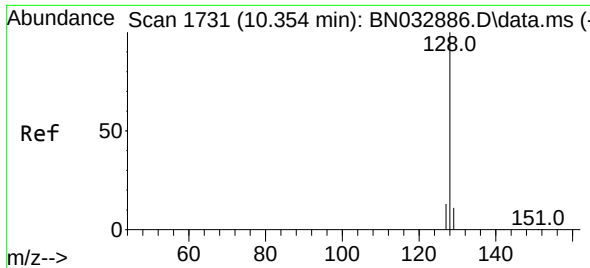
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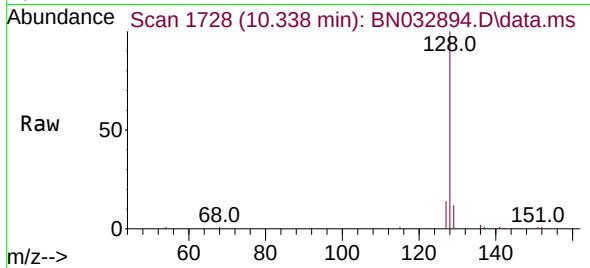
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.713 ng/ul
RT: 10.338 min Scan# 11
Delta R.T. -0.026 min
Lab File: BN032894.D
Acq: 22 Jul 2024 15:35

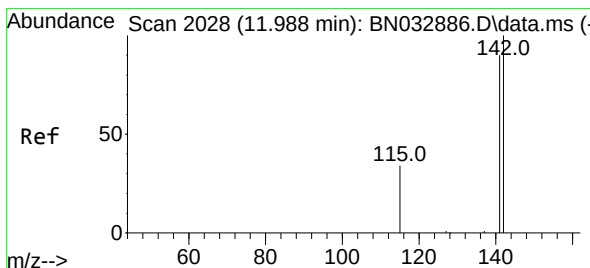
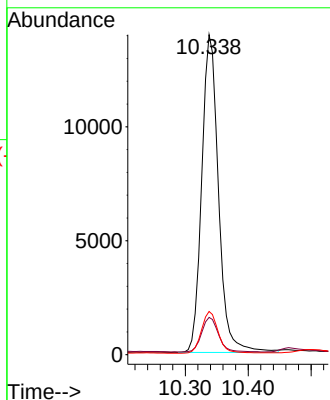
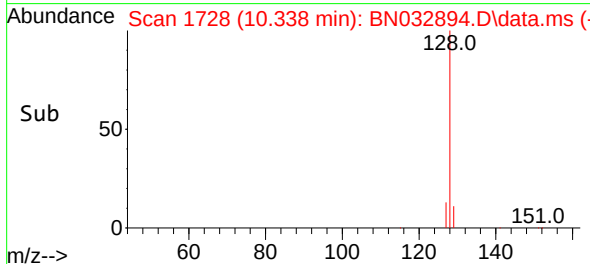
Instrument :
BNA_N
ClientSampleId :
A4CJ4



Tgt Ion:128 Resp: 2581
Ion Ratio Lower Upper
128 100
129 11.7 10.0 15.0
127 13.5 11.6 17.4

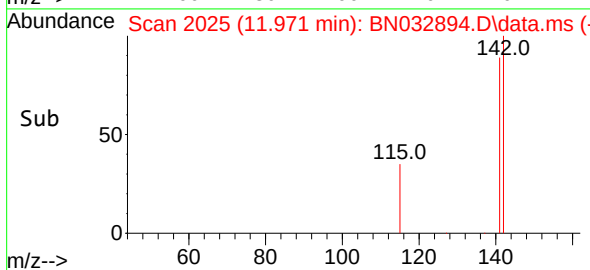
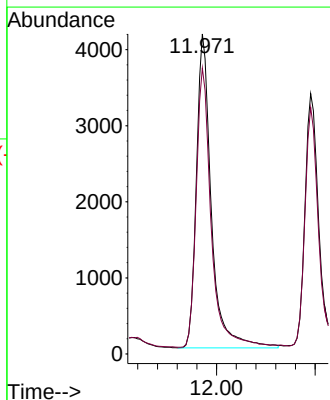
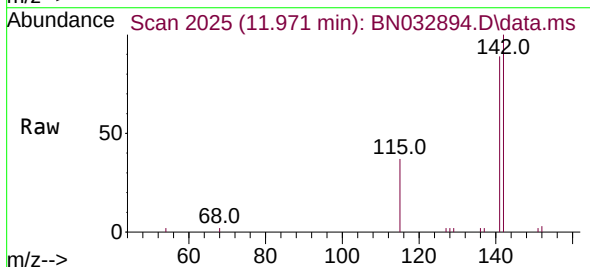
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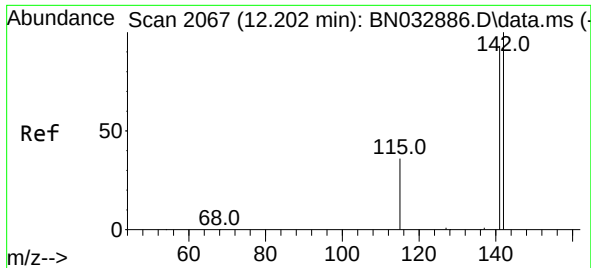
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#7
2-Methylnaphthalene
Concen: 0.385 ng/ul
RT: 11.971 min Scan# 2025
Delta R.T. -0.026 min
Lab File: BN032894.D
Acq: 22 Jul 2024 15:35

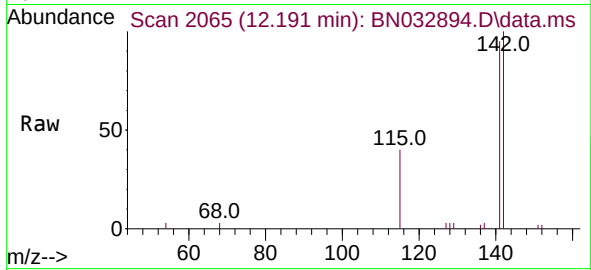
Tgt Ion:142 Resp: 8704
Ion Ratio Lower Upper
142 100
141 89.5 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.274 ng/ul
RT: 12.191 min Scan# 2065
Delta R.T. -0.021 min
Lab File: BN032894.D
Acq: 22 Jul 2024 15:35

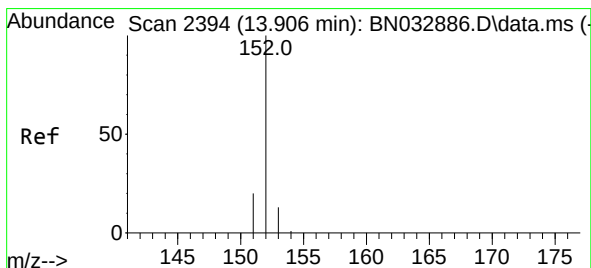
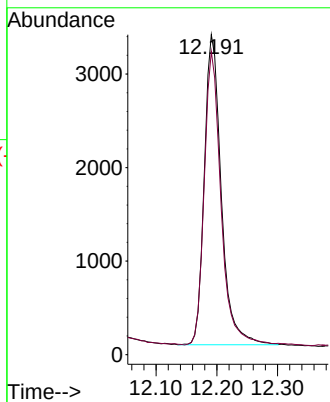
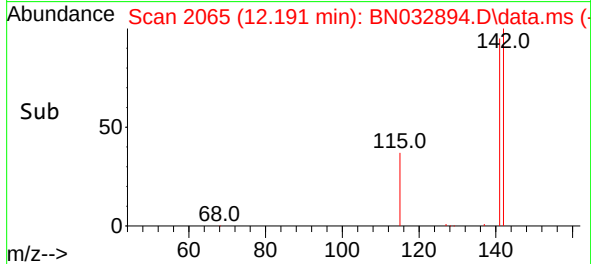
Instrument :
BNA_N
ClientSampleId :
A4CJ4



Tgt Ion:142 Resp: 6409
Ion Ratio Lower Upper
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141 93.9 75.0 112.4

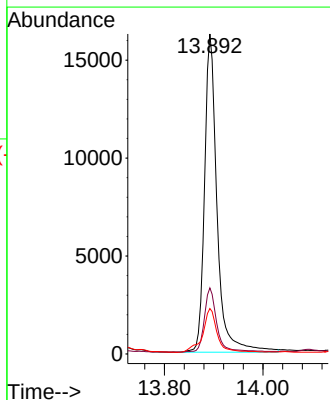
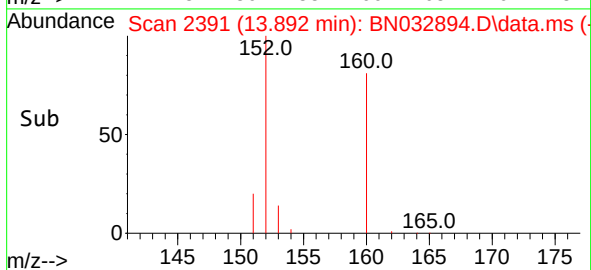
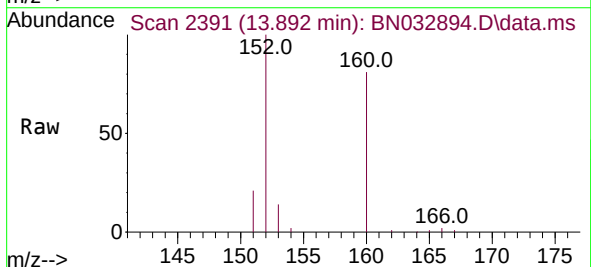
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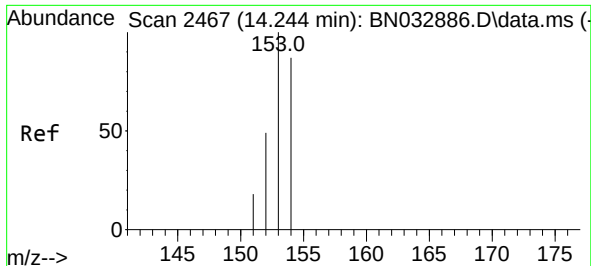
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#10
Acenaphthylene
Concen: 0.973 ng/ul
RT: 13.892 min Scan# 2391
Delta R.T. -0.022 min
Lab File: BN032894.D
Acq: 22 Jul 2024 15:35

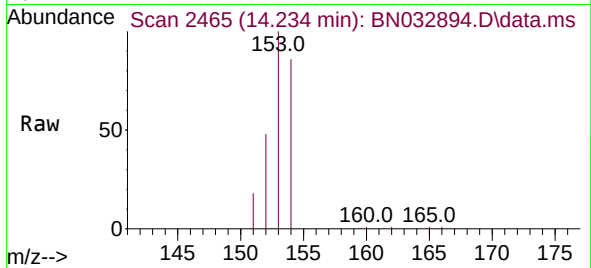
Tgt Ion:152 Resp: 28688
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 14.2 11.3 16.9





#11
Acenaphthene
Concen: 1.318 ng/ul
RT: 14.234 min Scan# 2467
Delta R.T. -0.017 min
Lab File: BN032894.D
Acq: 22 Jul 2024 15:35

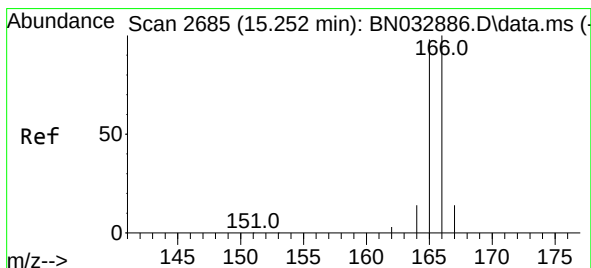
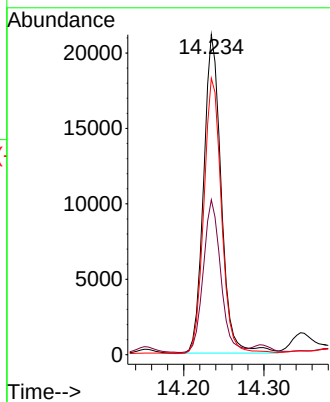
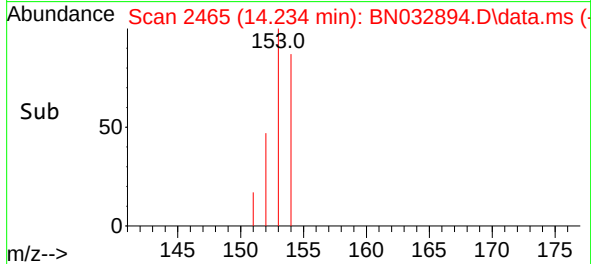
Instrument :
BNA_N
ClientSampleId :
A4CJ4



Tgt Ion:153 Resp: 3212
Ion Ratio Lower Upper
153 100
152 48.4 40.0 60.0
154 86.4 70.2 105.4

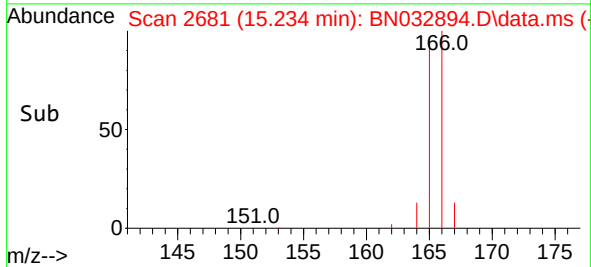
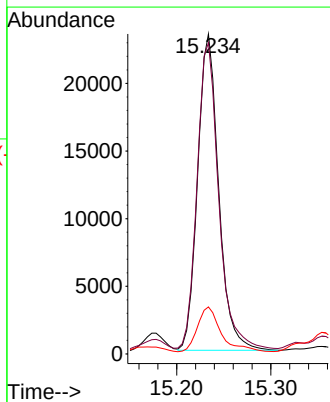
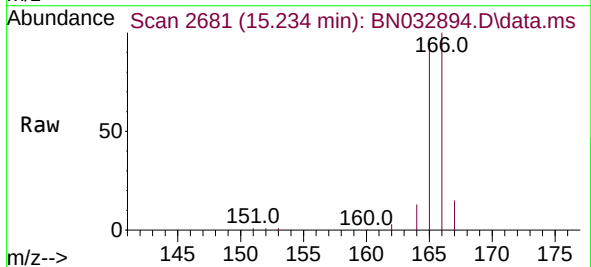
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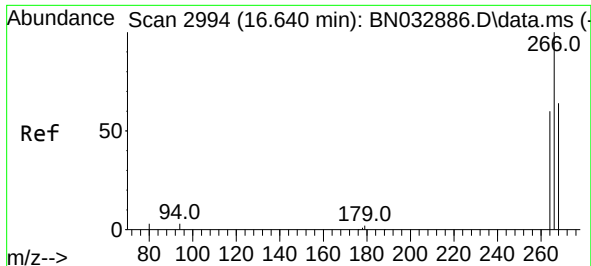
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#12
Fluorene
Concen: 1.303 ng/ul
RT: 15.234 min Scan# 2681
Delta R.T. -0.026 min
Lab File: BN032894.D
Acq: 22 Jul 2024 15:35

Tgt Ion:166 Resp: 36313
Ion Ratio Lower Upper
166 100
165 97.2 79.7 119.5
167 14.7 11.4 17.2





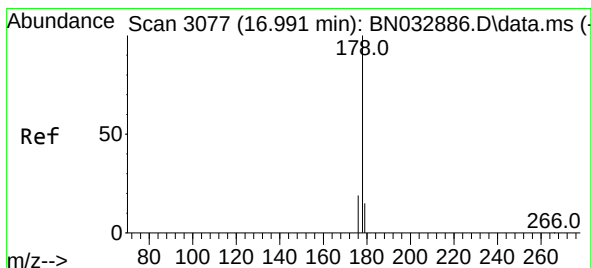
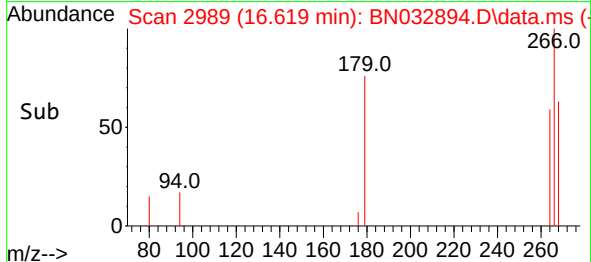
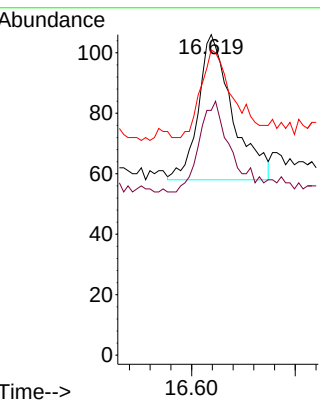
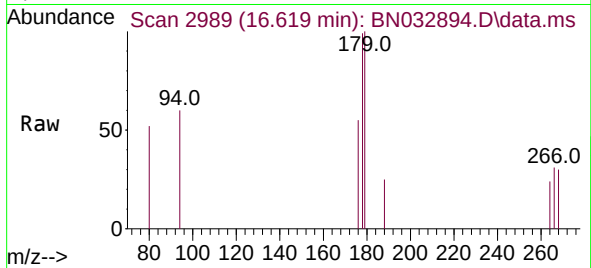
#14
 Pentachlorophenol
 Concen: 0.049 ng/ul m
 RT: 16.619 min Scan# 2994
 Delta R.T. -0.024 min
 Lab File: BN032894.D
 Acq: 22 Jul 2024 15:35

Instrument :
 BNA_N
 ClientSampleId :
 A4CJ4

Tgt Ion:266 Resp: 110
 Ion Ratio Lower Upper
 266 100
 264 5.5 49.4 74.2
 268 2.7 51.6 77.4

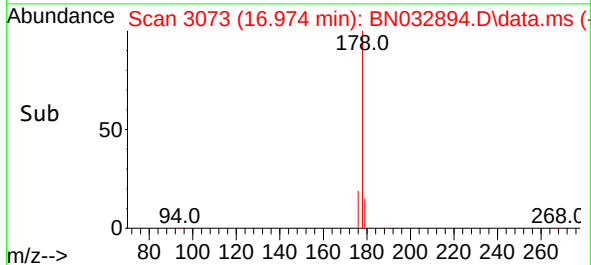
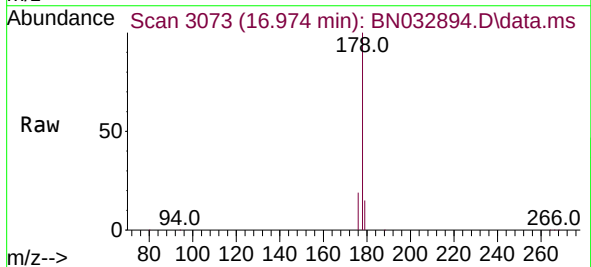
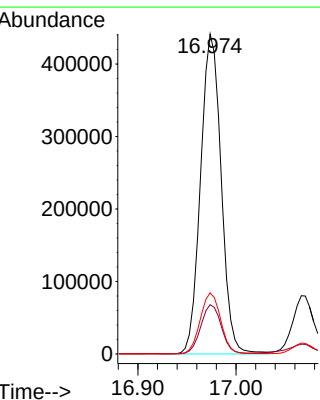
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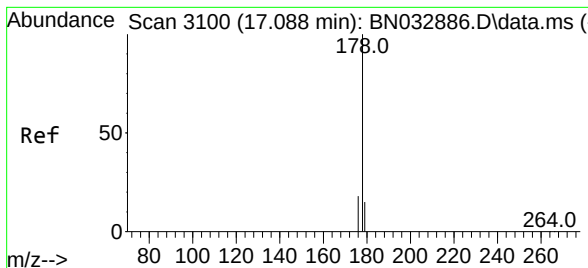
Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/23/2024



#15
 Phenanthrene
 Concen: 18.580 ng/ul m
 RT: 16.974 min Scan# 3073
 Delta R.T. -0.028 min
 Lab File: BN032894.D
 Acq: 22 Jul 2024 15:35

Tgt Ion:178 Resp: 642703
 Ion Ratio Lower Upper
 178 100
 179 15.4 13.0 19.4
 176 19.1 15.6 23.4





#16

Anthracene

Concen: 4.503 ng/ul m

RT: 17.066 min Scan# 3095

Delta R.T. -0.032 min

Lab File: BN032894.D

Acq: 22 Jul 2024 15:35

Instrument :

BNA_N

ClientSampleId :

A4CJ4

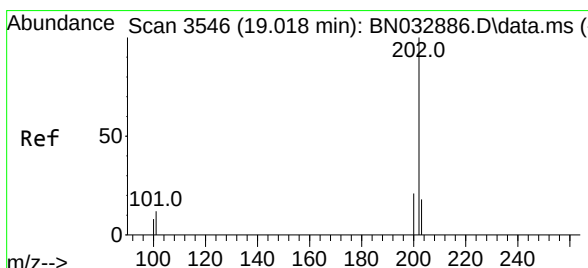
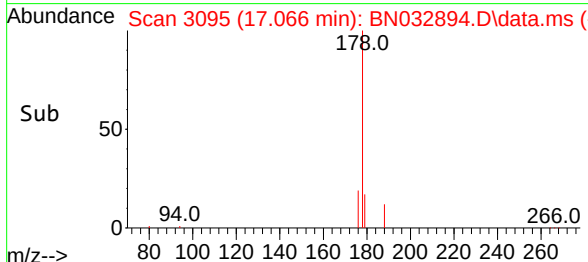
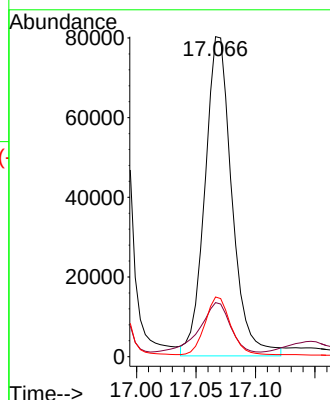
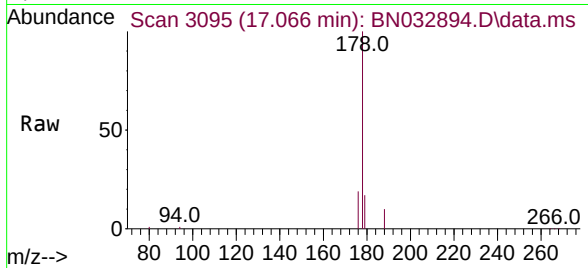
Tgt Ion:178	Resp: 127259
Ion Ratio	Lower Upper
178 100	
179 16.9	13.4 20.2
176 18.7	15.4 23.0

Manual Integrations

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Reviewed By :Yogesh Patel 07/23/2024

Supervised By :mohammad ahmed 07/23/2024



#19

Fluoranthene

Concen: 23.496 ng/ul m

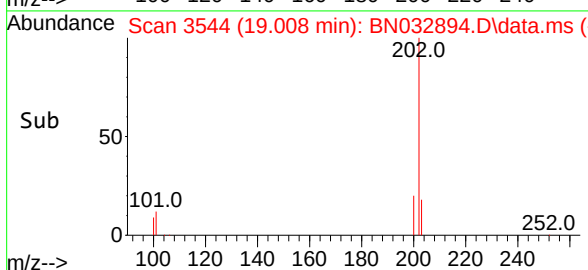
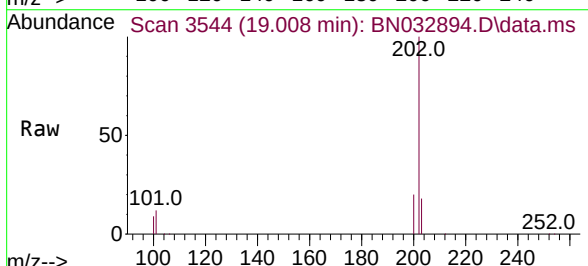
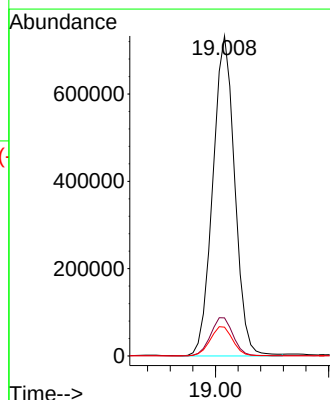
RT: 19.008 min Scan# 3544

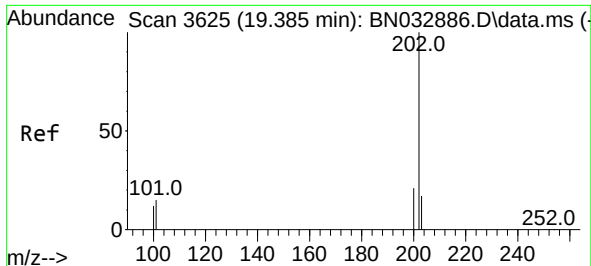
Delta R.T. -0.017 min

Lab File: BN032894.D

Acq: 22 Jul 2024 15:35

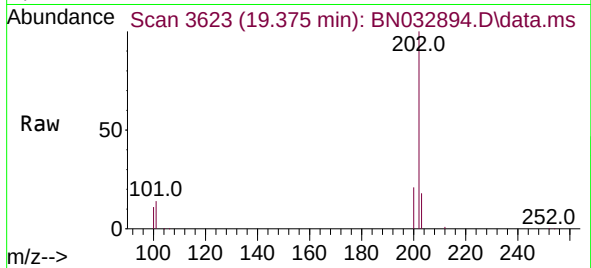
Tgt Ion:202	Resp: 985197
Ion Ratio	Lower Upper
202 100	
101 11.9	9.8 14.8
100 9.0	7.9 11.9





#20
Pyrene
Concen: 17.729 ng/ul m
RT: 19.375 min Scan# 3623
Delta R.T. -0.017 min
Lab File: BN032894.D
Acq: 22 Jul 2024 15:35

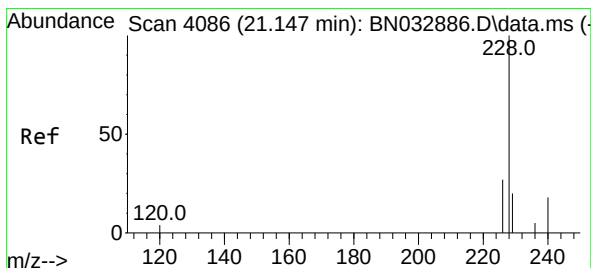
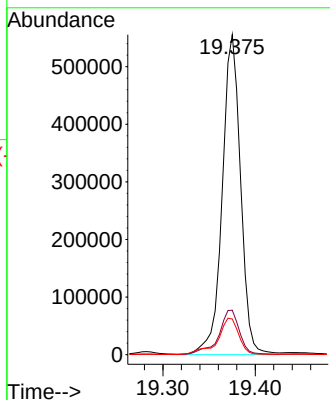
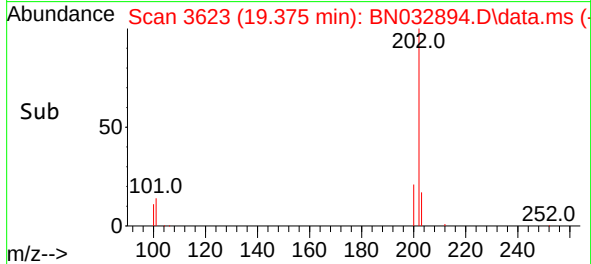
Instrument :
BNA_N
ClientSampleId :
A4CJ4



Tgt Ion:202 Resp: 76948
Ion Ratio Lower Upper
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101 13.9 11.8 17.6
100 11.1 9.6 14.4

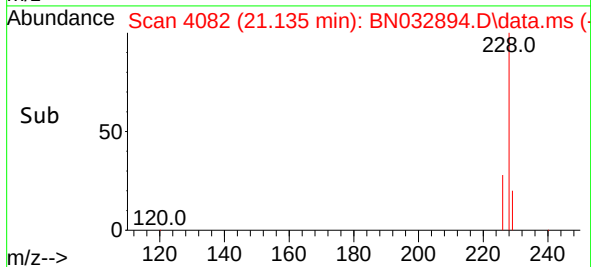
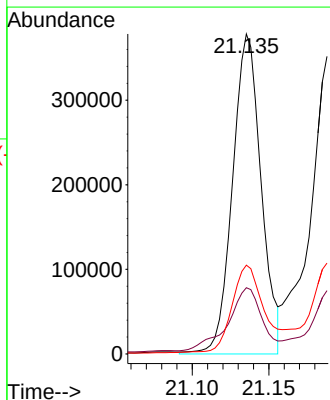
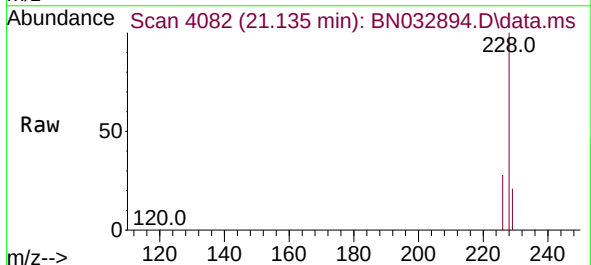
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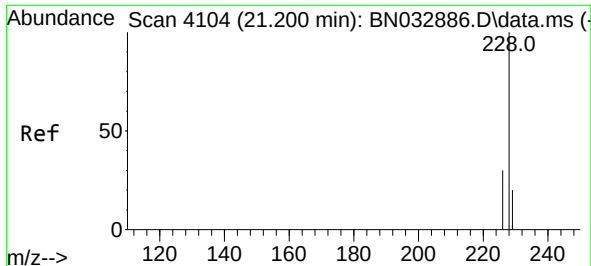
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#21
Benzo(a)anthracene
Concen: 14.934 ng/ul m
RT: 21.135 min Scan# 4082
Delta R.T. -0.015 min
Lab File: BN032894.D
Acq: 22 Jul 2024 15:35

Tgt Ion:228 Resp: 490234
Ion Ratio Lower Upper
228 100
229 20.7 16.1 24.1
226 27.8 21.9 32.9





#22

Chrysene

Concen: 11.034 ng/ul m

RT: 21.188 min Scan# 4100

Delta R.T. -0.015 min

Lab File: BN032894.D

Acq: 22 Jul 2024 15:35

Instrument :

BNA_N

ClientSampleId :

A4CJ4

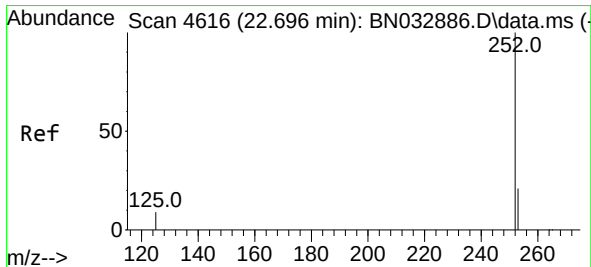
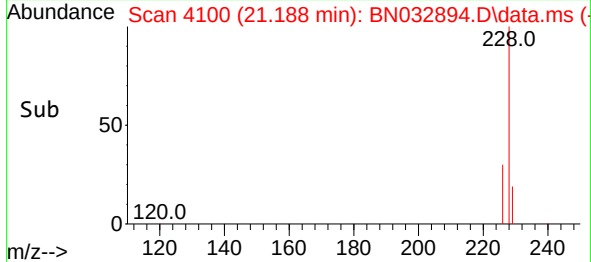
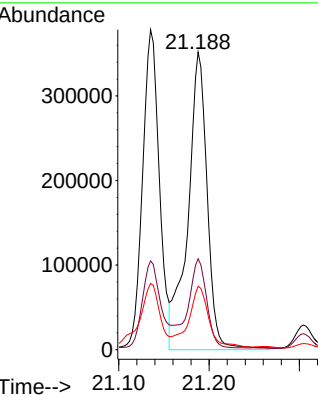
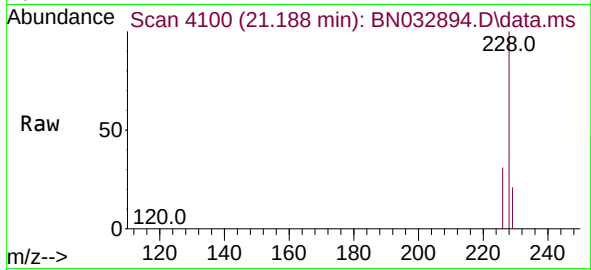
Tgt Ion:228	Resp: 52400
Ion Ratio	Lower Upper
228 100	
226 30.5	24.0 36.0
229 21.3	15.8 23.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/23/2024

Supervised By :mohammad ahmed 07/23/2024



#24

Benzo(b)fluoranthene

Concen: 14.355 ng/ul m

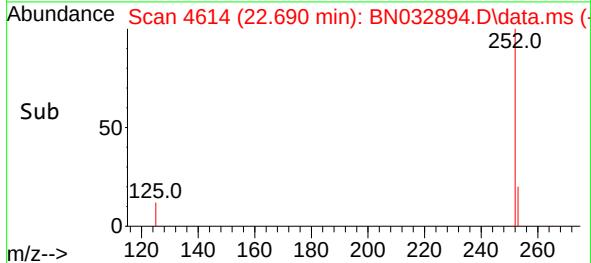
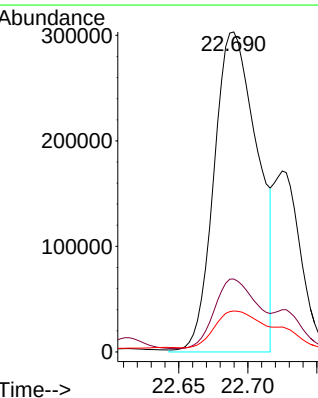
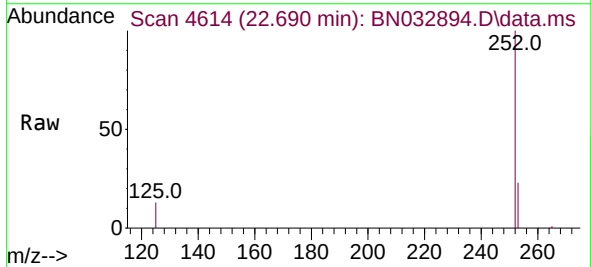
RT: 22.690 min Scan# 4614

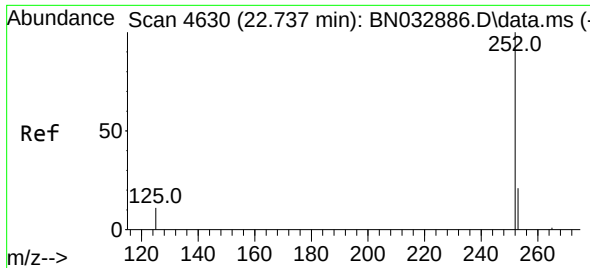
Delta R.T. -0.009 min

Lab File: BN032894.D

Acq: 22 Jul 2024 15:35

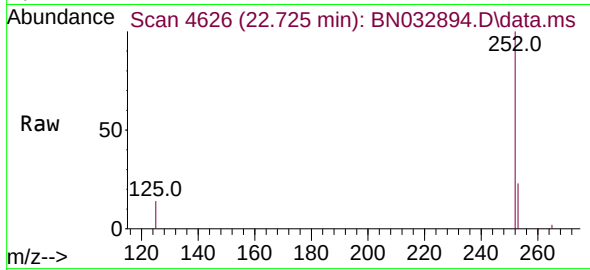
Tgt Ion:252	Resp: 664810
Ion Ratio	Lower Upper
252 100	
253 22.8	0.0 54.0
125 12.8	0.0 36.0





#25
Benzo(k)fluoranthene
Concen: 4.205 ng/ul m
RT: 22.725 min Scan# 4626
Delta R.T. -0.015 min
Lab File: BN032894.D
Acq: 22 Jul 2024 15:35

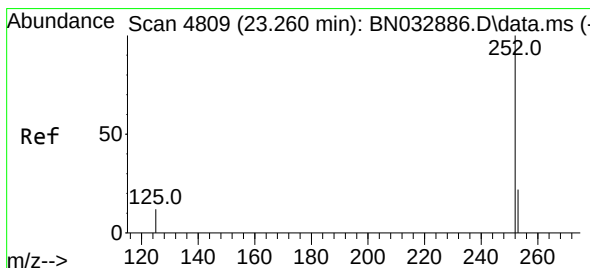
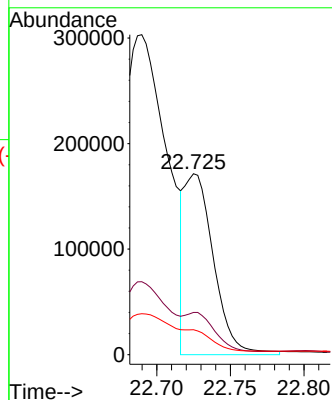
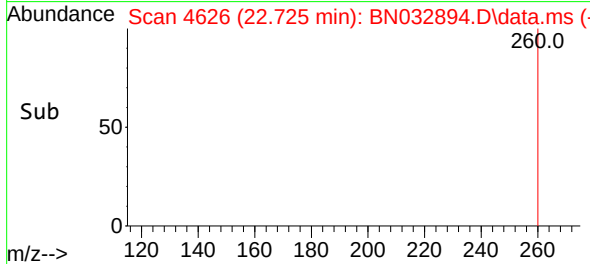
Instrument :
BNA_N
ClientSampleId :
A4CJ4



Tgt Ion:252 Resp: 237338
Ion Ratio Lower Upper
252 100
253 23.4 21.2 31.8
125 13.8 14.8 22.2

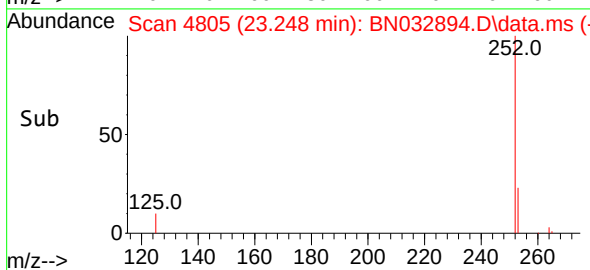
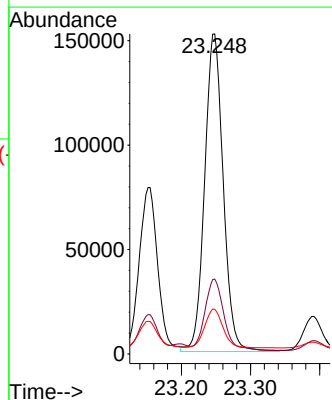
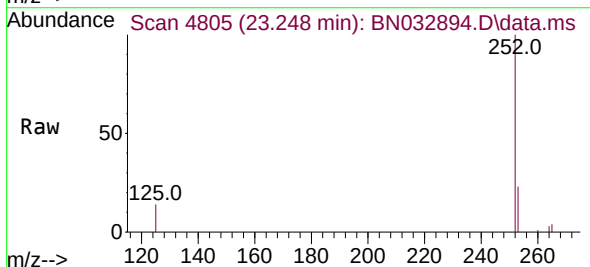
Manual Integrations
APPROVED

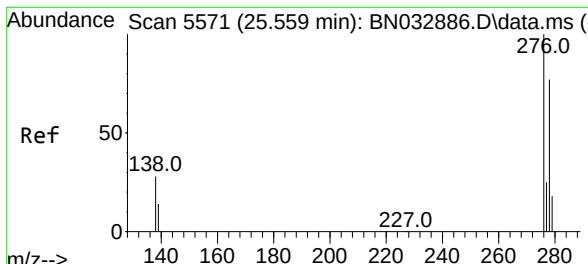
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#26
Benzo(a)pyrene
Concen: 7.097 ng/ul m
RT: 23.248 min Scan# 4805
Delta R.T. -0.015 min
Lab File: BN032894.D
Acq: 22 Jul 2024 15:35

Tgt Ion:252 Resp: 284432
Ion Ratio Lower Upper
252 100
253 23.4 25.4 38.0#
125 14.0 20.6 30.8#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 4.682 ng/ul m
 RT: 25.542 min Scan# 5566
 Delta R.T. -0.027 min
 Lab File: BN032894.D
 Acq: 22 Jul 2024 15:35

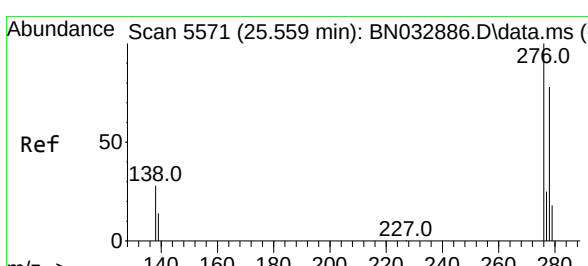
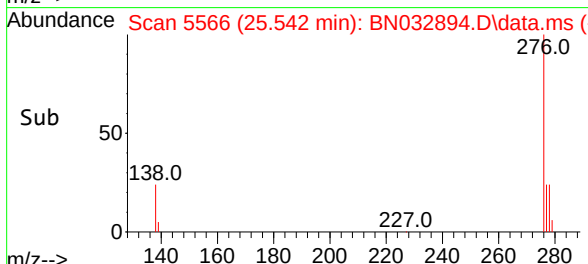
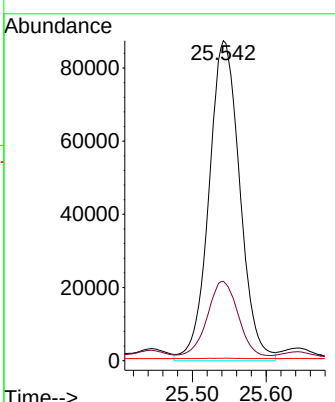
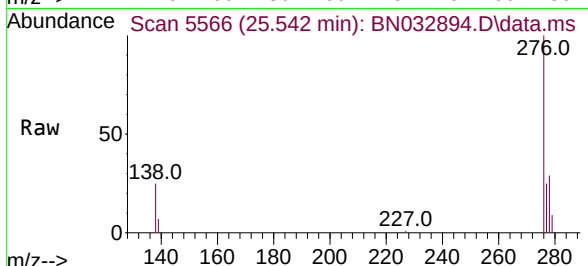
Instrument :
 BNA_N
 ClientSampleId :
 A4CJ4

Tgt Ion: 276 Resp: 254078

Ion	Ratio	Lower	Upper
276	100		
138	4.0	21.6	32.4
227	0.1	0.0	0.0

Manual Integrations
 APPROVED

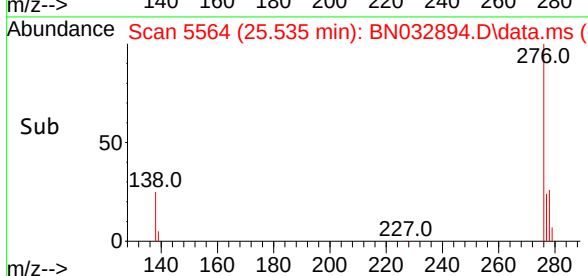
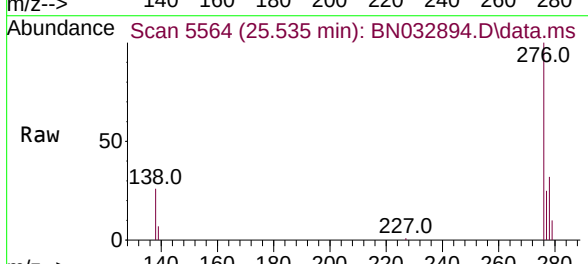
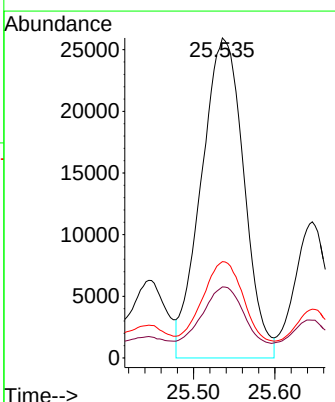
Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/23/2024

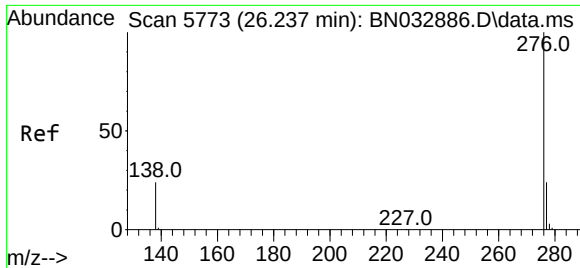


#28
 Dibenzo(a,h)anthracene
 Concen: 2.247 ng/ul m
 RT: 25.535 min Scan# 5564
 Delta R.T. -0.034 min
 Lab File: BN032894.D
 Acq: 22 Jul 2024 15:35

Tgt Ion: 278 Resp: 94524

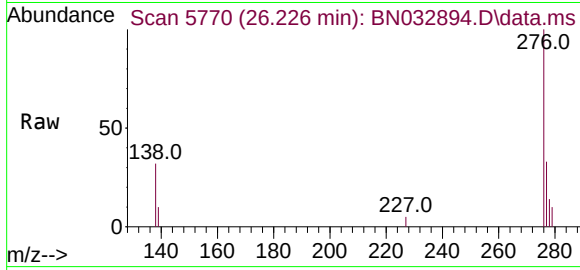
Ion	Ratio	Lower	Upper
278	100		
139	22.2	16.6	24.8
279	30.1	23.7	35.5





#29
Benzo(g,h,i)perylene
Concen: 0.757 ng/ul m
RT: 26.226 min Scan# 51
Delta R.T. -0.024 min
Lab File: BN032894.D
Acq: 22 Jul 2024 15:35

Instrument :
BNA_N
ClientSampleId :
A4CJ4



Tgt Ion:276 Resp: 3432
Ion Ratio Lower Upper
276 100
138 31.5 21.0 31.4
277 32.5 20.6 31.0

Manual Integrations
APPROVED

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

