

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032761.D
 Acq On : 17 Jul 2024 03:56
 Operator : MA/JU
 Sample : P3100-19
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D32

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 17 04:20:17 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 : Wed Jul 17 02:35:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	4924	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.310	136	16833	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.193	164	9834	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.953	188	16071m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.162	240	14596m	0.400	ng/ul	-0.01
23) Perylene-d12	23.354	264	16788m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	35047	5.928	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.911	152	7458	0.293	ng/ul	-0.02
18) Fluoranthene-d10	18.990	212	13057m	0.274	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.360	128	5358	0.119	ng/ul#	96
7) 2-Methylnaphthalene	11.988	142	2550	0.090	ng/ul	97
8) 1-Methylnaphthalene	12.208	142	2270	0.078	ng/ul	100
10) Acenaphthylene	13.911	152	19891	0.501	ng/ul	99
11) Acenaphthene	14.253	153	6104	0.186	ng/ul	99
12) Fluorene	15.248	166	7146	0.190	ng/ul#	99
15) Phenanthrene	16.991	178	145927m	3.334	ng/ul	
16) Anthracene	17.084	178	29228m	0.817	ng/ul	
19) Fluoranthene	19.022	202	405523m	6.833	ng/ul	
20) Pyrene	19.389	202	351255m	5.718	ng/ul	
21) Benzo(a)anthracene	21.144	228	199400m	4.292	ng/ul	
22) Chrysene	21.197	228	238725m	3.552	ng/ul	
24) Benzo(b)fluoranthene	22.699	252	335069m	5.657	ng/ul	
25) Benzo(k)fluoranthene	22.737	252	108550m	1.504	ng/ul	
26) Benzo(a)pyrene	23.257	252	219923m	4.290	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.562	276	170644m	2.458	ng/ul	
28) Dibenzo(a,h)anthracene	25.559	278	45966m	0.854	ng/ul	
29) Benzo(g,h,i)perylene	26.240	276	189536m	3.267	ng/ul	

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

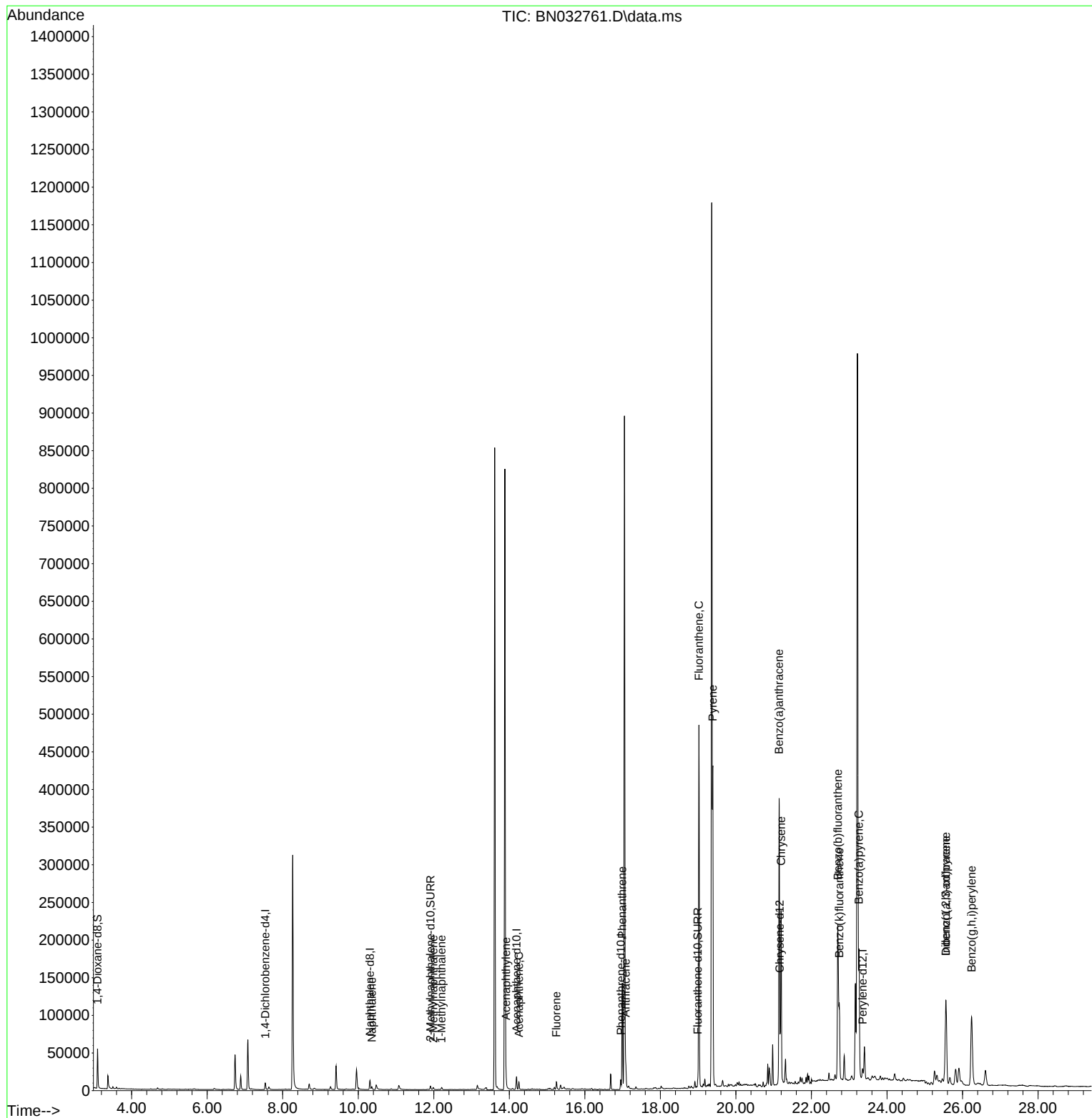
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
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ALS Vial : 32 Sample Multiplier: 1

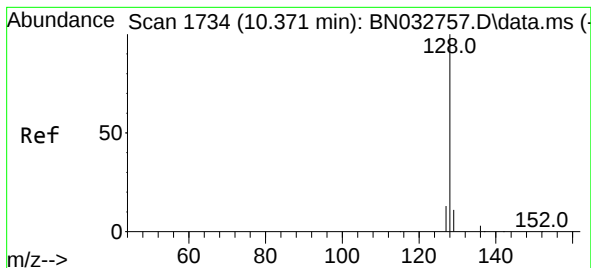
Instrument :
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ClientSampleId :
A4D32

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Quant Time: Jul 17 04:20:17 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 : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.119 ng/ul

RT: 10.360 min Scan# 11

Delta R.T. -0.011 min

Lab File: BN032761.D

Acq: 17 Jul 2024 03:56

Instrument :

BNA_N

ClientSampleId :

A4D32

Tgt Ion:128 Resp: 5358

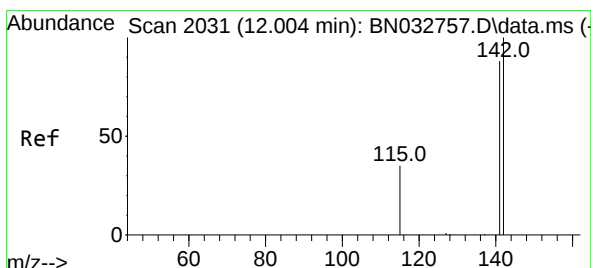
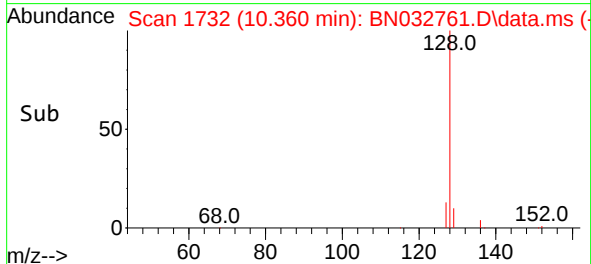
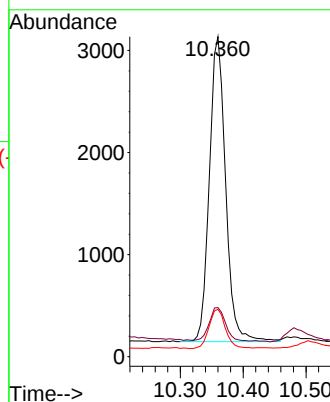
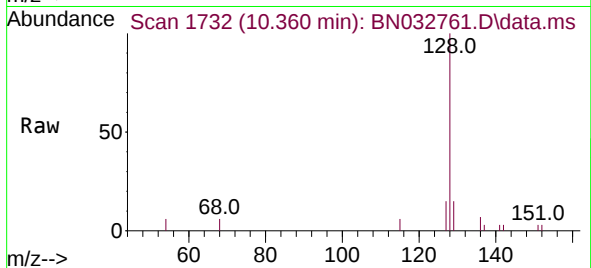
Ion	Ratio	Lower	Upper
128	100		
129	15.3	10.0	15.0
127	14.8	11.6	17.4

Manual Integrations

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Supervised By :mohammad ahmed 07/19/2024



#7

2-Methylnaphthalene

Concen: 0.090 ng/ul

RT: 11.988 min Scan# 2028

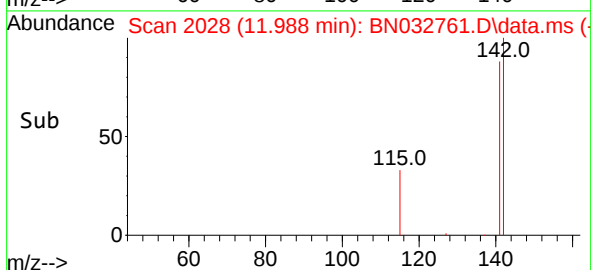
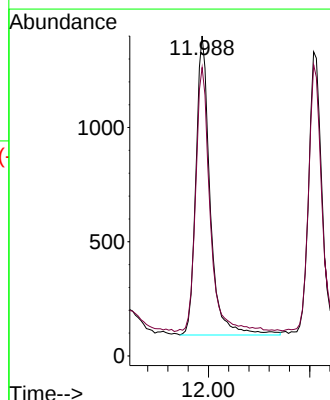
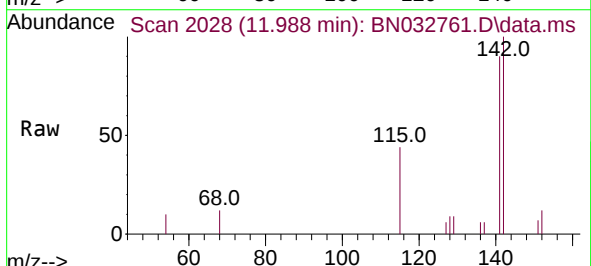
Delta R.T. -0.017 min

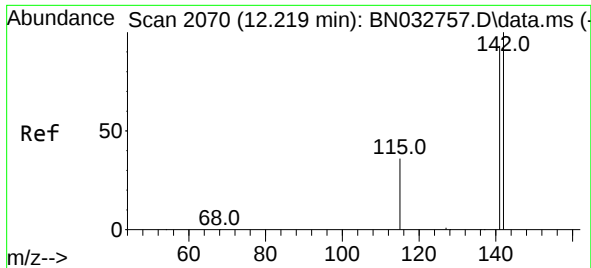
Lab File: BN032761.D

Acq: 17 Jul 2024 03:56

Tgt Ion:142 Resp: 2550

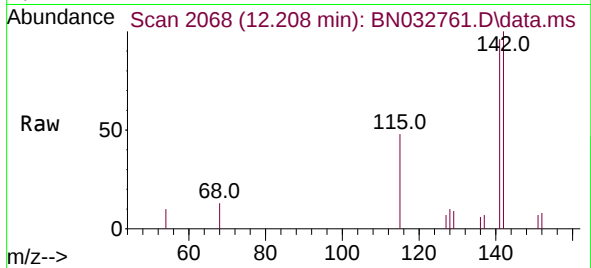
Ion	Ratio	Lower	Upper
142	100		
141	89.5	74.0	111.0





#8
1-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 12.208 min Scan# 2070
Delta R.T. -0.011 min
Lab File: BN032761.D
Acq: 17 Jul 2024 03:56

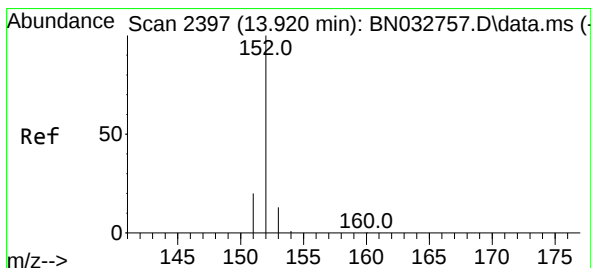
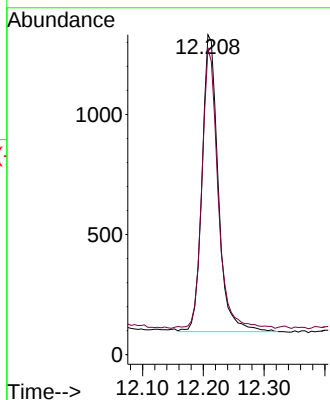
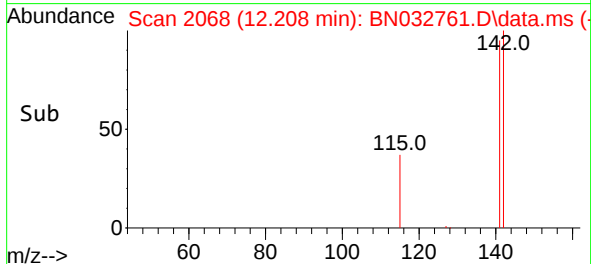
Instrument :
BNA_N
ClientSampleId :
A4D32



Tgt Ion:142 Resp: 2270
Ion Ratio Lower Upper
142 100
141 93.7 75.0 112.4

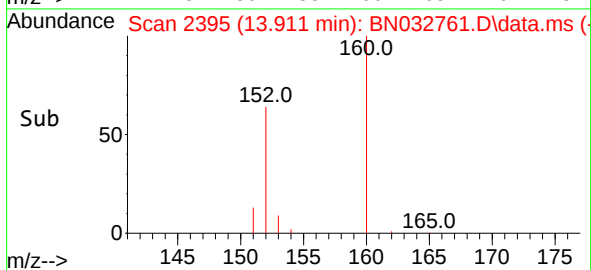
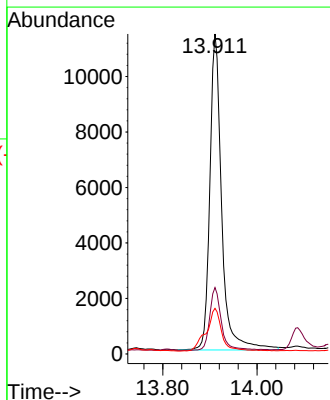
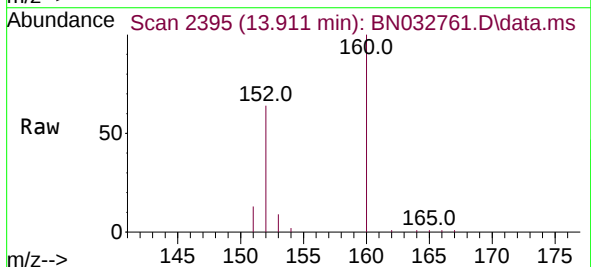
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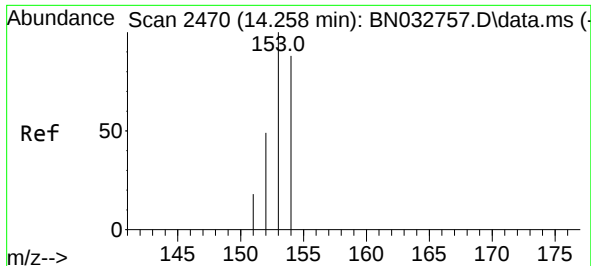
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#10
Acenaphthylene
Concen: 0.501 ng/ul
RT: 13.911 min Scan# 2395
Delta R.T. -0.009 min
Lab File: BN032761.D
Acq: 17 Jul 2024 03:56

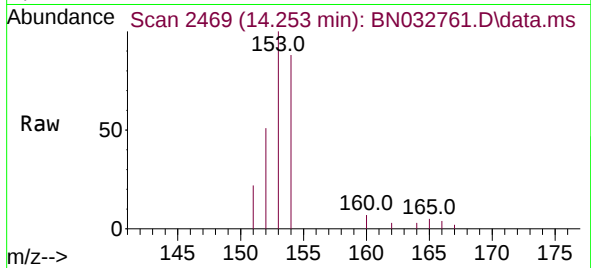
Tgt Ion:152 Resp: 19891
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 14.2 11.3 16.9





#11
Acenaphthene
Concen: 0.186 ng/u1
RT: 14.253 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BN032761.D
Acq: 17 Jul 2024 03:56

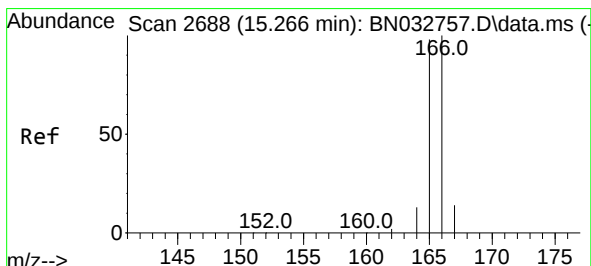
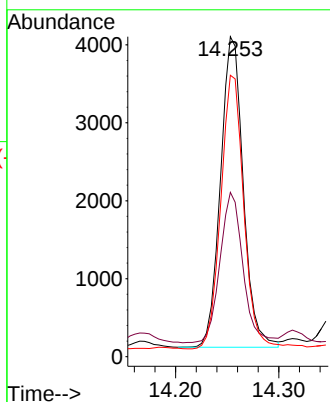
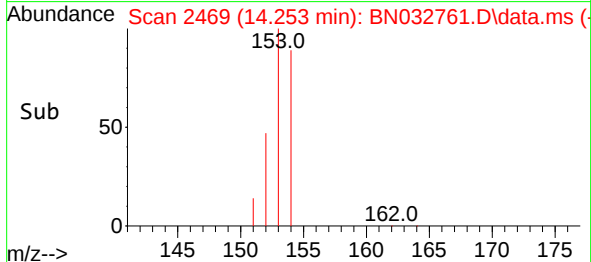
Instrument :
BNA_N
ClientSampleId :
A4D32



Tgt Ion:153 Resp: 6104
Ion Ratio Lower Upper
153 100
152 51.4 40.0 60.0
154 88.0 70.2 105.4

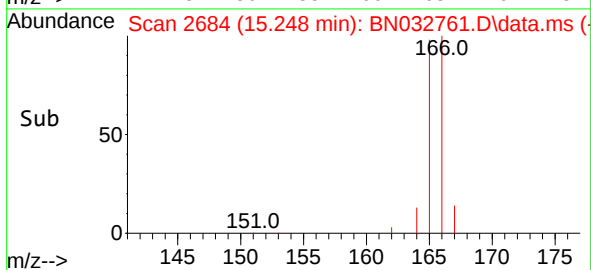
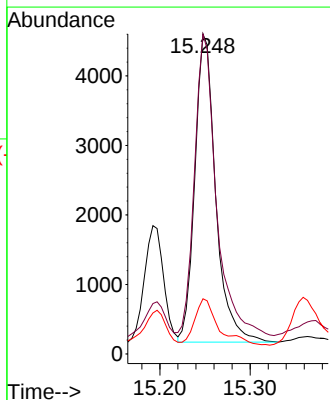
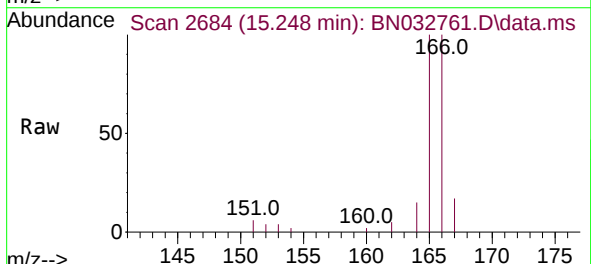
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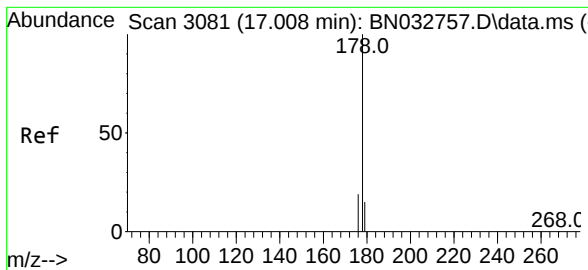
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#12
Fluorene
Concen: 0.190 ng/u1
RT: 15.248 min Scan# 2684
Delta R.T. -0.019 min
Lab File: BN032761.D
Acq: 17 Jul 2024 03:56

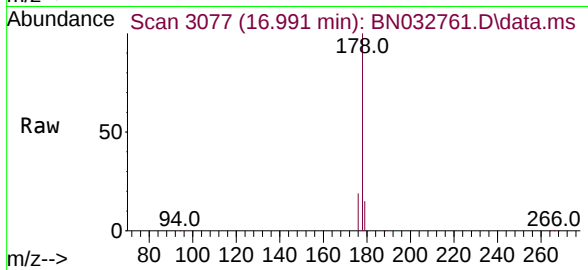
Tgt Ion:166 Resp: 7146
Ion Ratio Lower Upper
166 100
165 99.9 79.7 119.5
167 17.3 11.4 17.2#





#15
Phenanthrene
Concen: 3.334 ng/ul m
RT: 16.991 min Scan# 3077
Delta R.T. -0.017 min
Lab File: BN032761.D
Acq: 17 Jul 2024 03:56

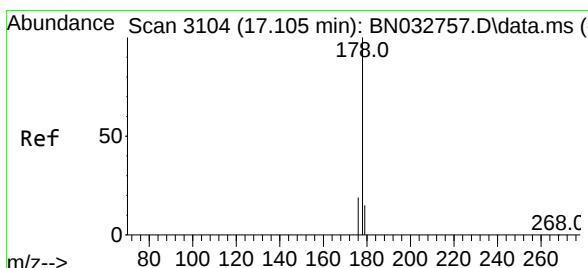
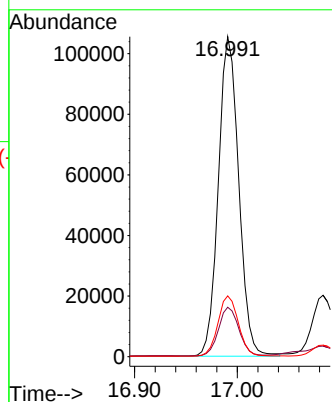
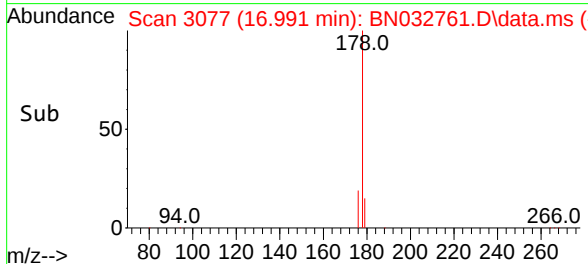
Instrument :
BNA_N
ClientSampleId :
A4D32



Tgt Ion:178 Resp: 14592
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 19.0 15.6 23.4

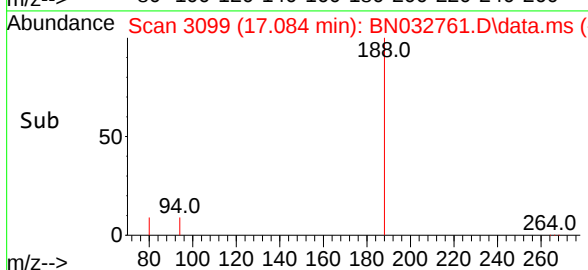
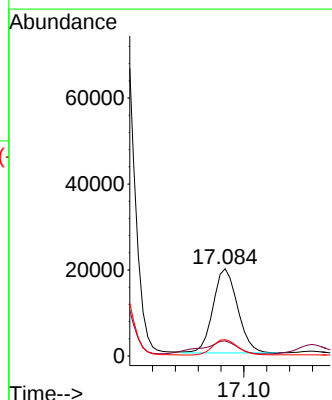
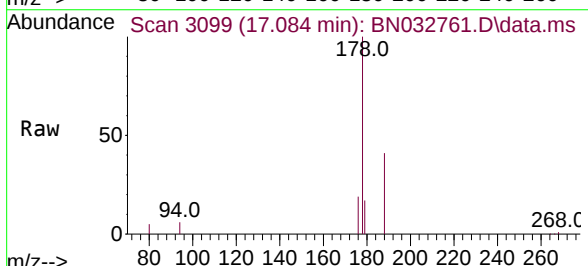
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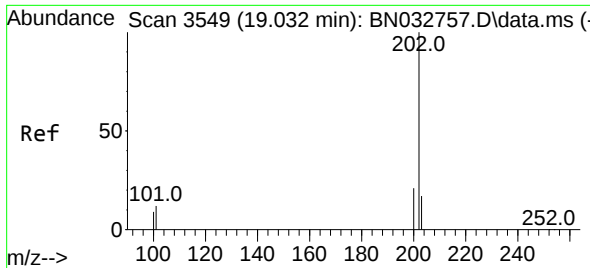
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#16
Anthracene
Concen: 0.817 ng/ul m
RT: 17.084 min Scan# 3099
Delta R.T. -0.021 min
Lab File: BN032761.D
Acq: 17 Jul 2024 03:56

Tgt Ion:178 Resp: 29228
Ion Ratio Lower Upper
178 100
179 17.2 13.4 20.2
176 18.8 15.4 23.0





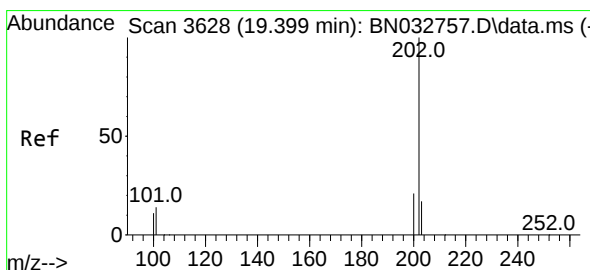
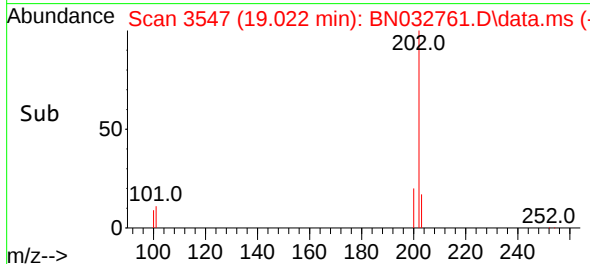
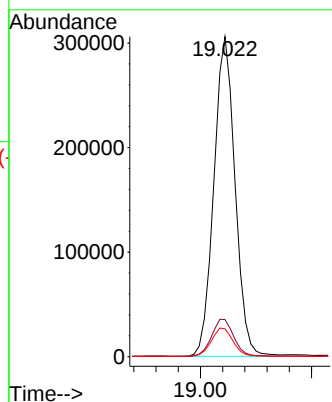
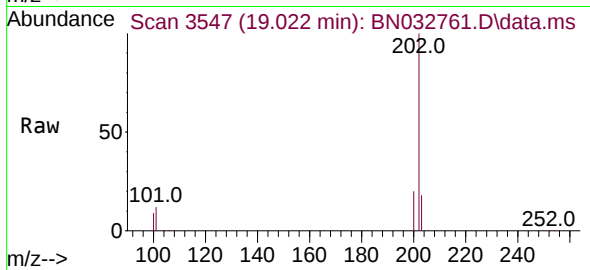
#19
Fluoranthene
Concen: 6.833 ng/ul m
RT: 19.022 min Scan# 3549
Delta R.T. -0.009 min
Lab File: BN032761.D
Acq: 17 Jul 2024 03:56

Instrument :
BNA_N
ClientSampleId :
A4D32

Tgt Ion:202 Resp: 40552
Ion Ratio Lower Upper
202 100
101 11.6 9.8 14.8
100 8.7 7.9 11.9

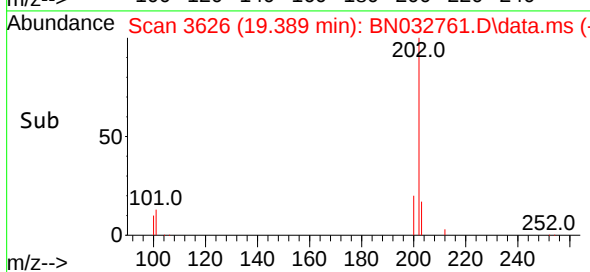
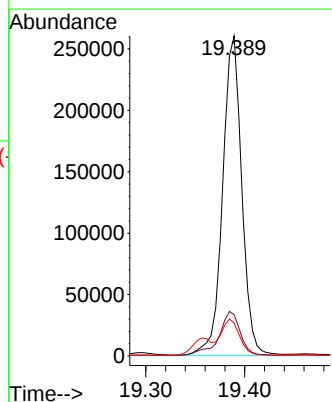
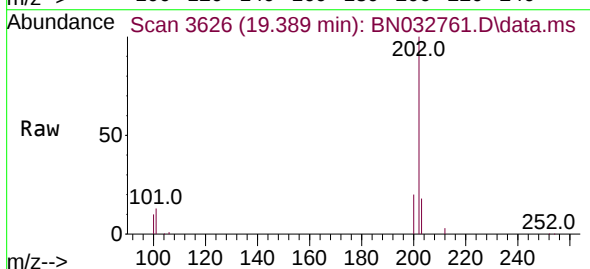
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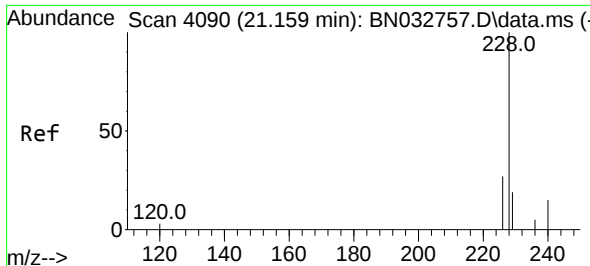
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#20
Pyrene
Concen: 5.718 ng/ul m
RT: 19.389 min Scan# 3626
Delta R.T. -0.009 min
Lab File: BN032761.D
Acq: 17 Jul 2024 03:56

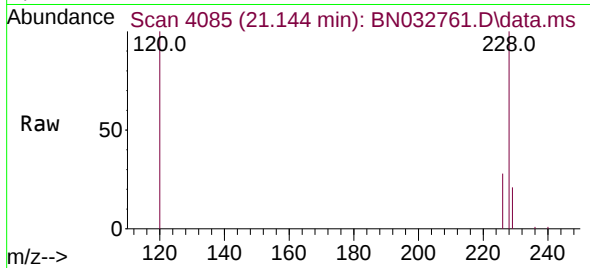
Tgt Ion:202 Resp: 351255
Ion Ratio Lower Upper
202 100
101 12.9 11.8 17.6
100 10.3 9.6 14.4





#21
Benzo(a)anthracene
Concen: 4.292 ng/ul m
RT: 21.144 min Scan# 4090
Delta R.T. -0.015 min
Lab File: BN032761.D
Acq: 17 Jul 2024 03:56

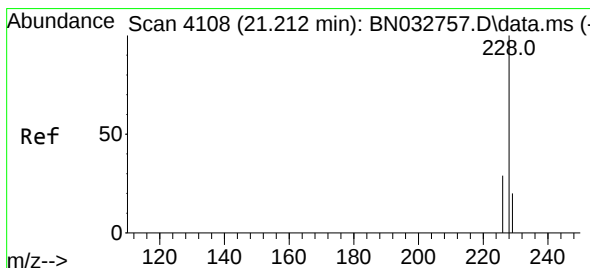
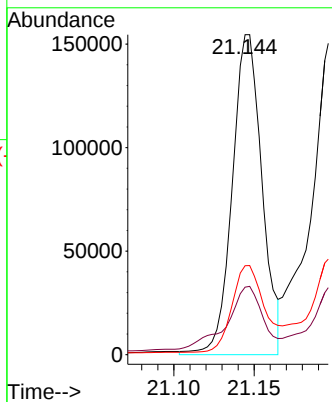
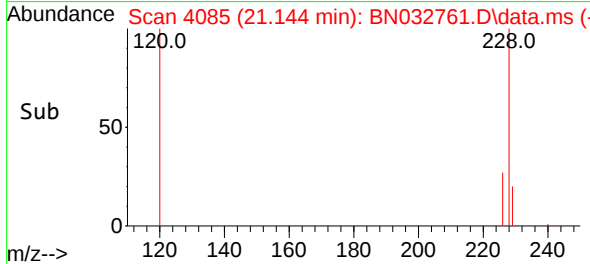
Instrument :
BNA_N
ClientSampleId :
A4D32



Tgt Ion:228 Resp: 199400
Ion Ratio Lower Upper
228 100
229 21.1 16.1 24.1
226 27.8 21.9 32.9

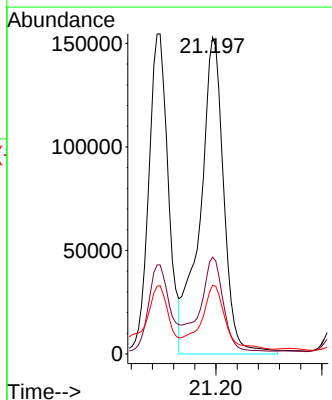
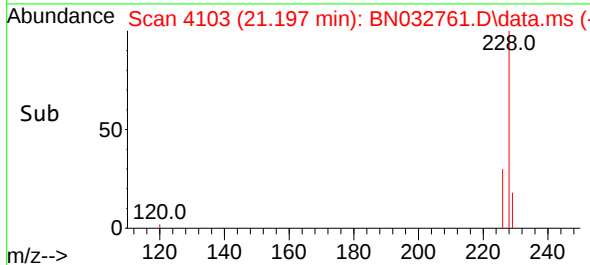
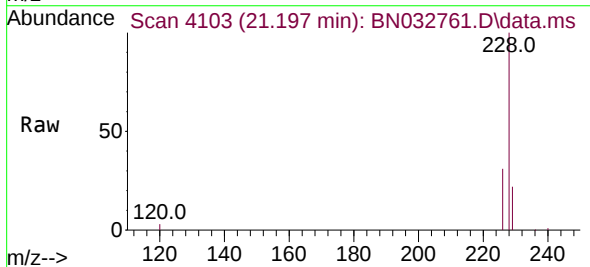
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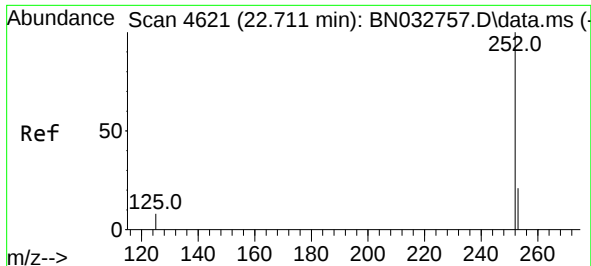
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#22
Chrysene
Concen: 3.552 ng/ul m
RT: 21.197 min Scan# 4103
Delta R.T. -0.015 min
Lab File: BN032761.D
Acq: 17 Jul 2024 03:56

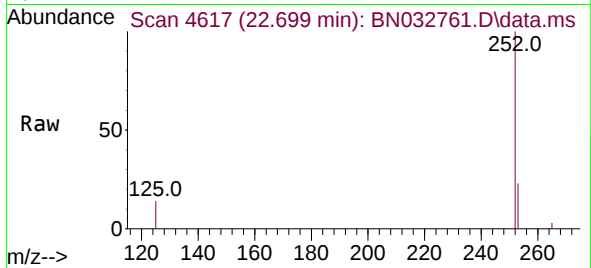
Tgt Ion:228 Resp: 238725
Ion Ratio Lower Upper
228 100
226 30.6 24.0 36.0
229 21.7 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 5.657 ng/ul m
RT: 22.699 min Scan# 4617
Delta R.T. -0.012 min
Lab File: BN032761.D
Acq: 17 Jul 2024 03:56

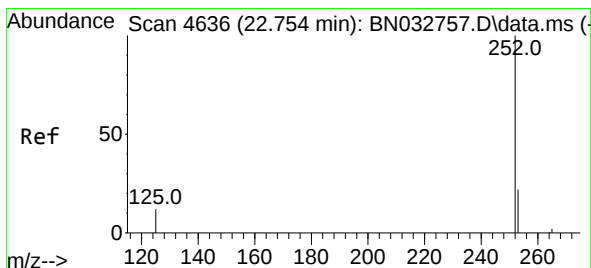
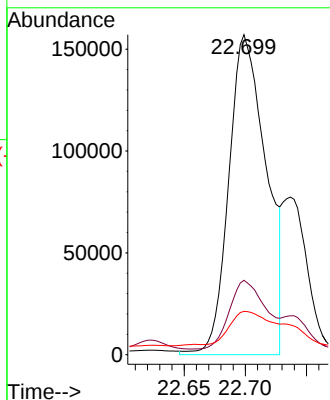
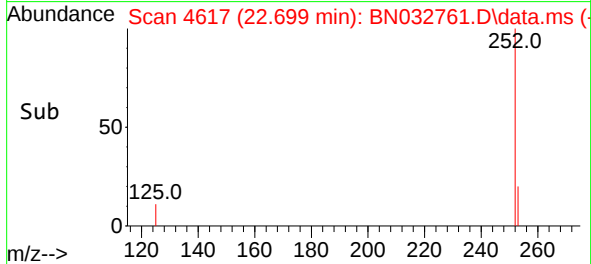
Instrument :
BNA_N
ClientSampleId :
A4D32



Tgt Ion:252 Resp: 335069
Ion Ratio Lower Upper
252 100
253 23.2 0.0 54.0
125 13.5 0.0 36.0

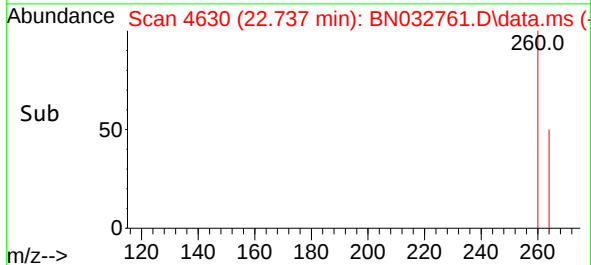
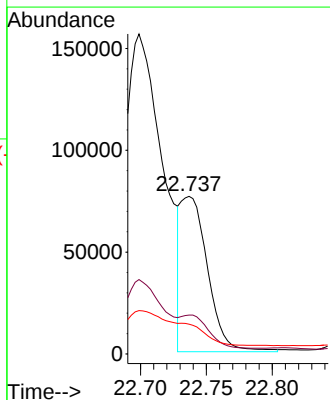
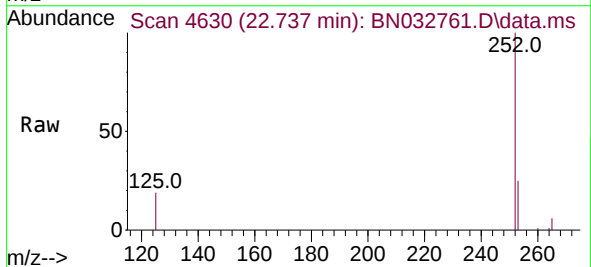
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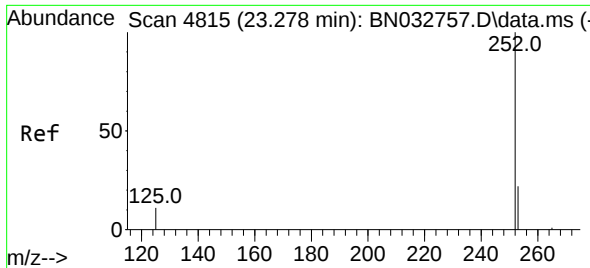
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#25
Benzo(k)fluoranthene
Concen: 1.504 ng/ul m
RT: 22.737 min Scan# 4630
Delta R.T. -0.018 min
Lab File: BN032761.D
Acq: 17 Jul 2024 03:56

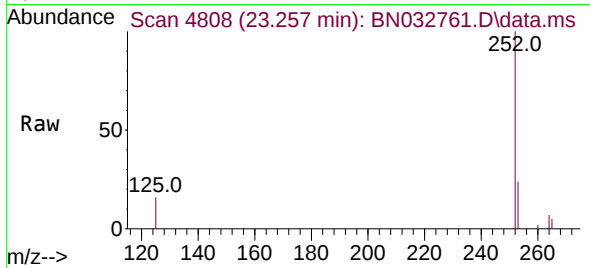
Tgt Ion:252 Resp: 108550
Ion Ratio Lower Upper
252 100
253 24.6 21.2 31.8
125 18.9 14.8 22.2





#26
Benzo(a)pyrene
Concen: 4.290 ng/ul m
RT: 23.257 min Scan# 4808
Delta R.T. -0.021 min
Lab File: BN032761.D
Acq: 17 Jul 2024 03:56

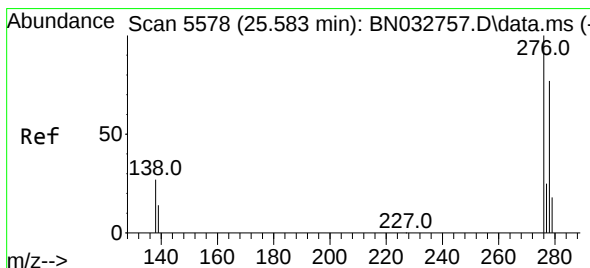
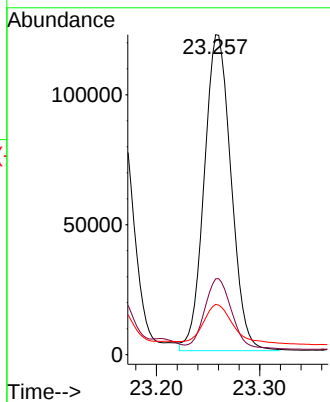
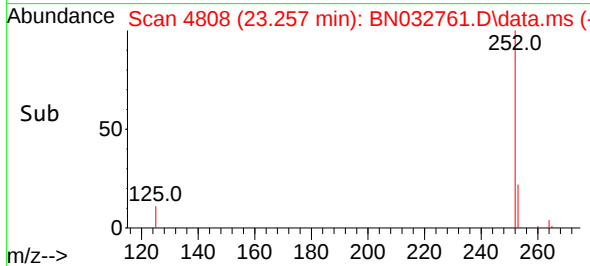
Instrument :
BNA_N
ClientSampleId :
A4D32



Tgt Ion:252 Resp: 219923
Ion Ratio Lower Upper
252 100
253 23.7 25.4 38.0#
125 15.7 20.6 30.8#

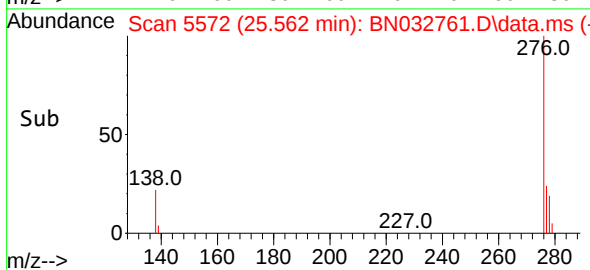
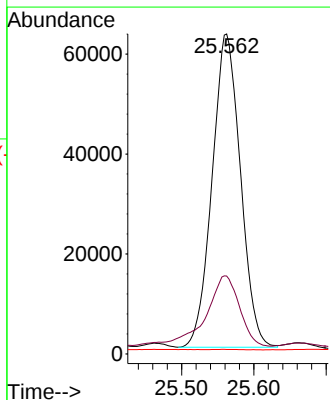
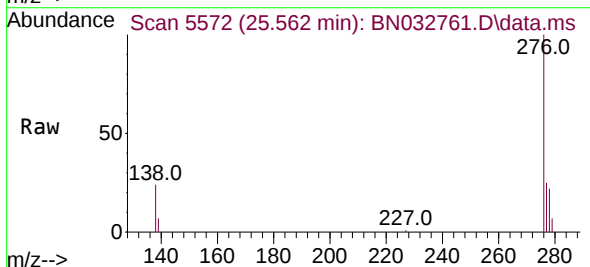
Manual Integrations
APPROVED

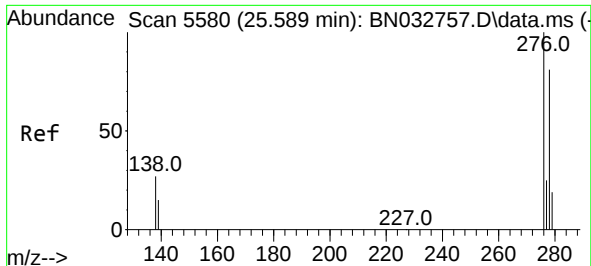
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.458 ng/ul m
RT: 25.562 min Scan# 5572
Delta R.T. -0.020 min
Lab File: BN032761.D
Acq: 17 Jul 2024 03:56

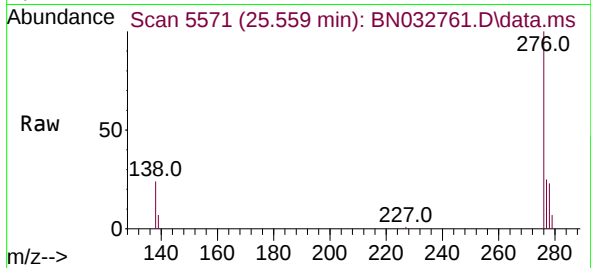
Tgt Ion:276 Resp: 170644
Ion Ratio Lower Upper
276 100
138 2.9 21.6 32.4#
227 0.0 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.854 ng/ul m
RT: 25.559 min Scan# 51
Delta R.T. -0.030 min
Lab File: BN032761.D
Acq: 17 Jul 2024 03:56

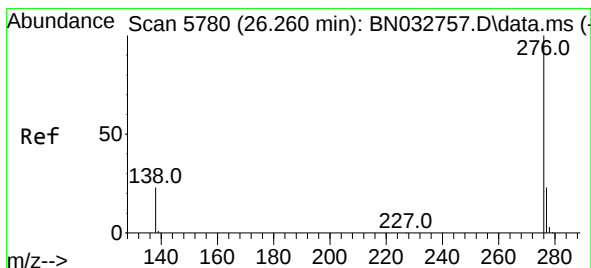
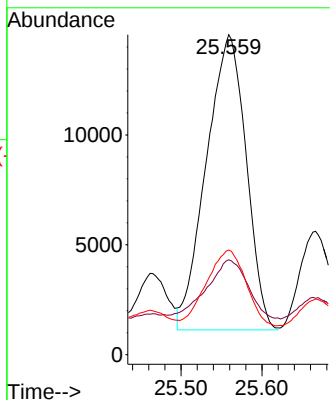
Instrument :
BNA_N
ClientSampleId :
A4D32



Tgt Ion:278 Resp: 45960
Ion Ratio Lower Upper
278 100
139 29.6 16.6 24.8
279 32.7 23.7 35.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#29
Benzo(g,h,i)perylene
Concen: 3.267 ng/ul m
RT: 26.240 min Scan# 5774
Delta R.T. -0.020 min
Lab File: BN032761.D
Acq: 17 Jul 2024 03:56

Tgt Ion:276 Resp: 189536
Ion Ratio Lower Upper
276 100
138 24.8 21.0 31.4
277 25.1 20.6 31.0

