

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032528.D
 Acq On : 06 Jul 2024 03:22
 Operator : MA/JU
 Sample : P2963-12DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CR6DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 06 03:48:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	5479	0.400	ng/ul	0.00
4) Naphthalene-d8	10.370	136	15527	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.238	164	8675	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.994	188	16953	0.400	ng/ul	-0.01
17) Chrysene-d12	21.201	240	16742	0.400	ng/ul	0.00
23) Perylene-d12	23.414	264	19755	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	4895	0.804	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.975	152	1137	0.049	ng/ul	0.00
18) Fluoranthene-d10	19.030	212	2551	0.051	ng/ul	-0.02
Target Compounds					Qvalue	
5) Naphthalene	10.419	128	4328	0.105	ng/ul#	92
7) 2-Methylnaphthalene	12.052	142	2446	0.090	ng/ul	99
8) 1-Methylnaphthalene	12.267	142	2630	0.093	ng/ul	97
10) Acenaphthylene	13.960	152	12319	0.341	ng/ul	95
11) Acenaphthene	14.303	153	6320	0.226	ng/ul	98
12) Fluorene	15.297	166	6967	0.209	ng/ul#	98
15) Phenanthrene	17.036	178	209266	4.502	ng/ul	99
16) Anthracene	17.133	178	53183	1.283	ng/ul	99
19) Fluoranthene	19.063	202	317176	4.975	ng/ul	98
20) Pyrene	19.430	202	255407	3.834	ng/ul	98
21) Benzo(a)anthracene	21.184	228	154474	2.556	ng/ul	99
22) Chrysene	21.236	228	155413	2.343	ng/ul	97
24) Benzo(b)fluoranthene	22.750	252	185670m	2.163	ng/ul	
25) Benzo(k)fluoranthene	22.791	252	65488m	0.785	ng/ul	
26) Benzo(a)pyrene	23.317	252	74634	1.250	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.648	276	66813	0.715	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.645	278	23743	0.342	ng/ul#	87
29) Benzo(g,h,i)perylene	26.336	276	9285	0.125	ng/ul#	80

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

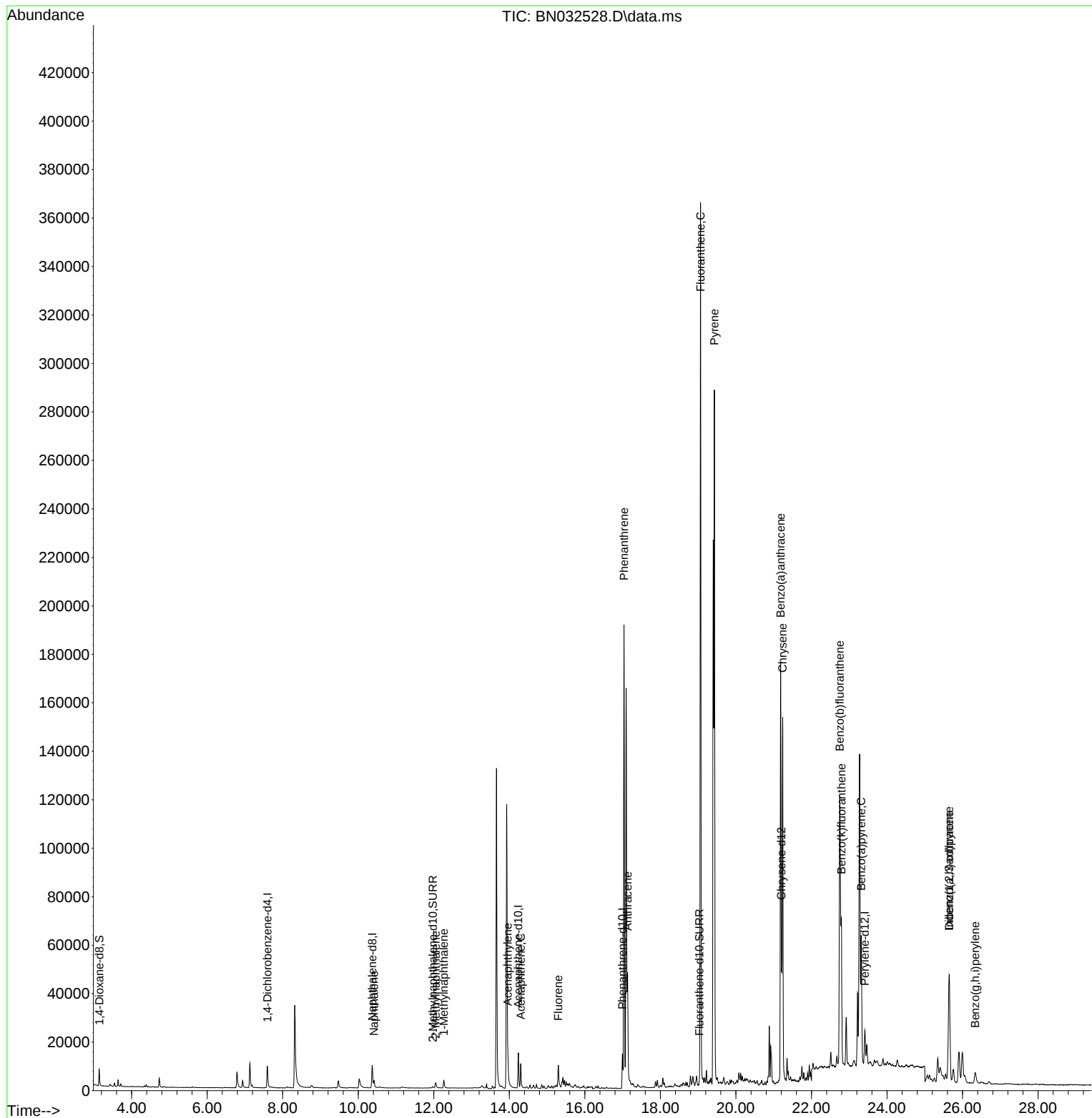
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032528.D
Acq On : 06 Jul 2024 03:22
Operator : MA/JU
Sample : P2963-12DL 5X
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ALS Vial : 28 Sample Multiplier: 1

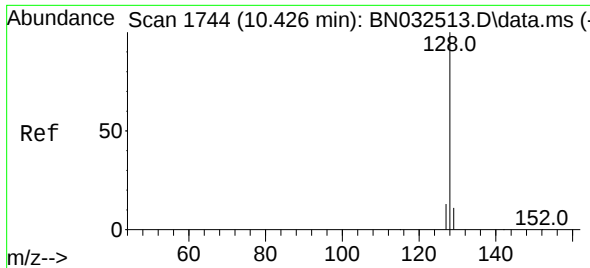
Instrument :
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A4CR6DL

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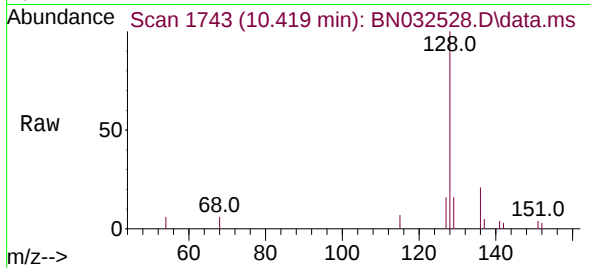
Quant Time: Jul 06 03:48:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.105 ng/ul
RT: 10.419 min Scan# 1743
Delta R.T. -0.012 min
Lab File: BN032528.D
Acq: 06 Jul 2024 03:22

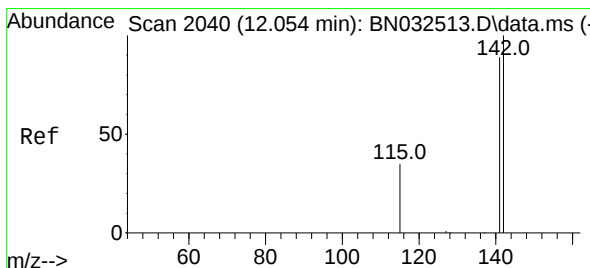
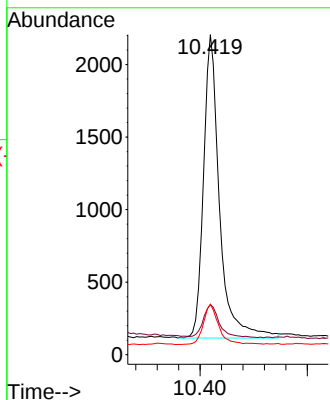
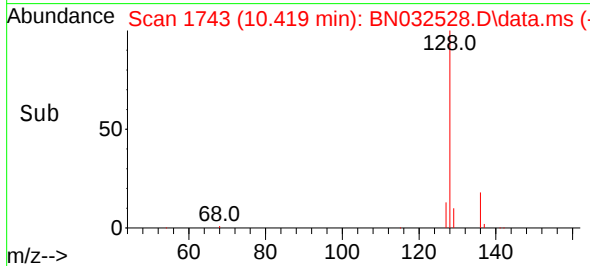
Instrument :
BNA_N
ClientSampleId :
A4CR6DL



Tgt Ion:128 Resp: 4328
Ion Ratio Lower Upper
128 100
129 15.7 9.2 13.8
127 15.8 10.8 16.2

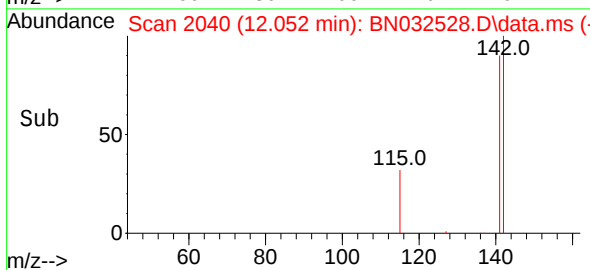
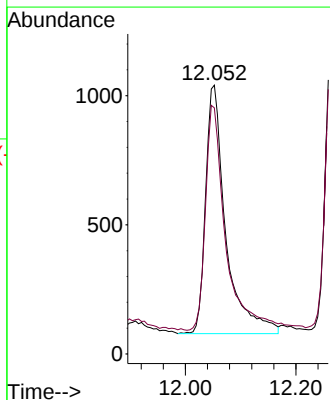
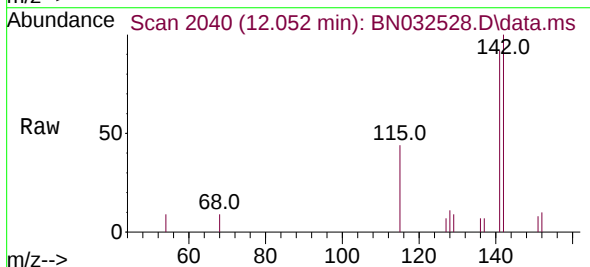
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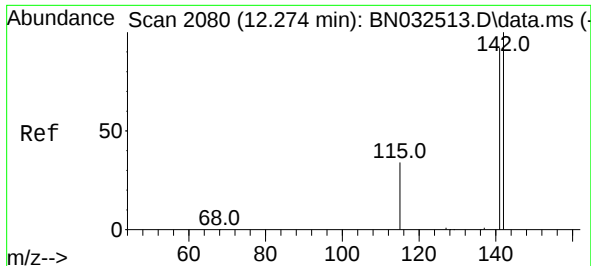
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#7
2-Methylnaphthalene
Concen: 0.090 ng/ul
RT: 12.052 min Scan# 2040
Delta R.T. -0.001 min
Lab File: BN032528.D
Acq: 06 Jul 2024 03:22

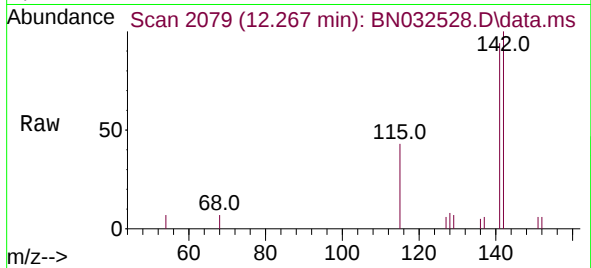
Tgt Ion:142 Resp: 2446
Ion Ratio Lower Upper
142 100
141 89.6 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.093 ng/ul
RT: 12.267 min Scan# 2080
Delta R.T. -0.007 min
Lab File: BN032528.D
Acq: 06 Jul 2024 03:22

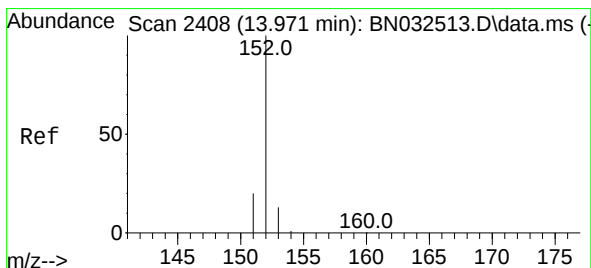
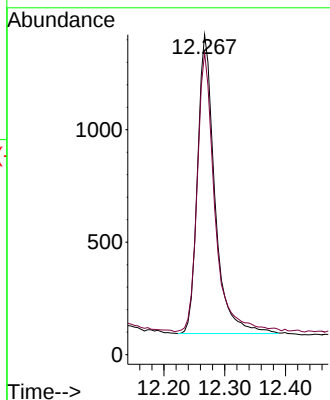
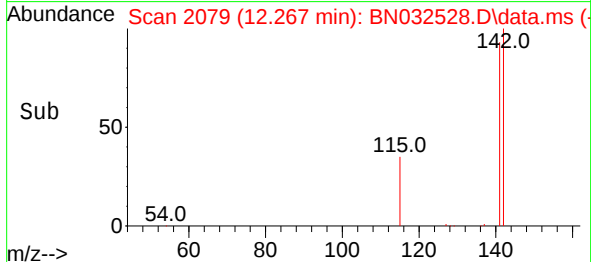
Instrument :
BNA_N
ClientSampleId :
A4CR6DL



Tgt Ion:142 Resp: 2630
Ion Ratio Lower Upper
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141 94.5 73.4 110.0

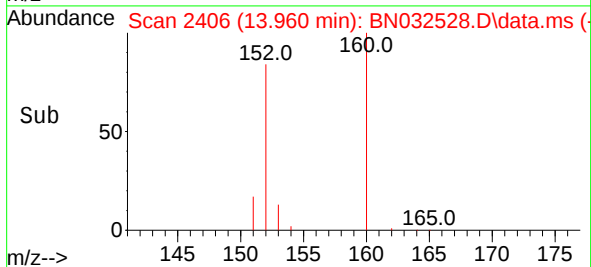
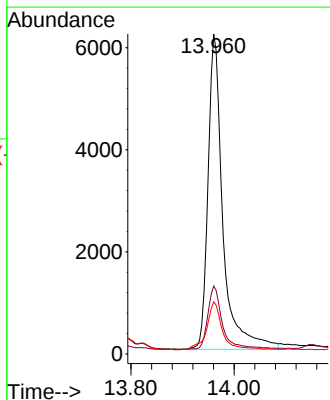
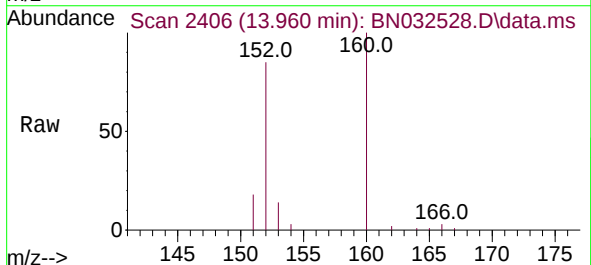
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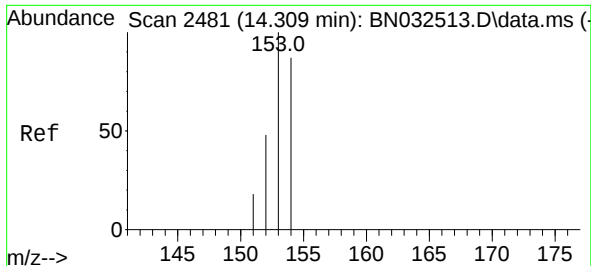
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#10
Acenaphthylene
Concen: 0.341 ng/ul
RT: 13.960 min Scan# 2406
Delta R.T. -0.011 min
Lab File: BN032528.D
Acq: 06 Jul 2024 03:22

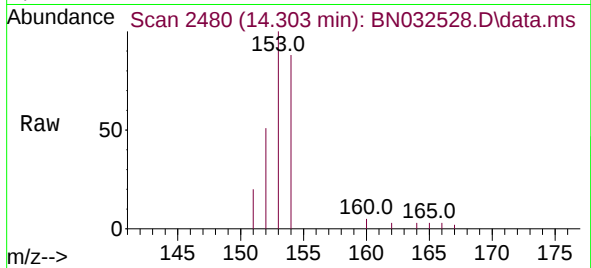
Tgt Ion:152 Resp: 12319
Ion Ratio Lower Upper
152 100
151 21.2 15.7 23.5
153 16.3 10.9 16.3





#11
Acenaphthene
Concen: 0.226 ng/ul
RT: 14.303 min Scan# 2480
Delta R.T. -0.011 min
Lab File: BN032528.D
Acq: 06 Jul 2024 03:22

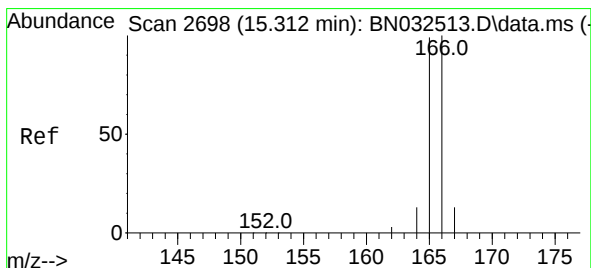
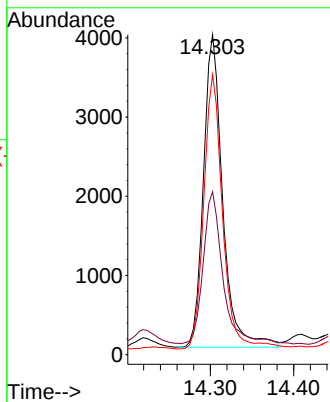
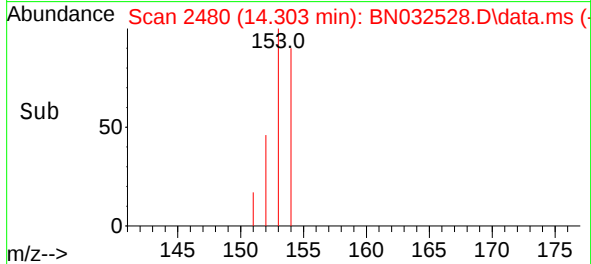
Instrument :
BNA_N
ClientSampleId :
A4CR6DL



Tgt Ion:153 Resp: 6320
Ion Ratio Lower Upper
153 100
152 50.9 39.5 59.3
154 87.5 71.7 107.5

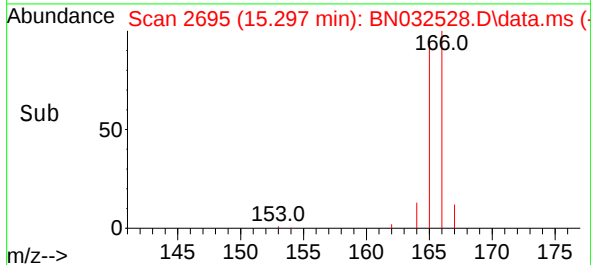
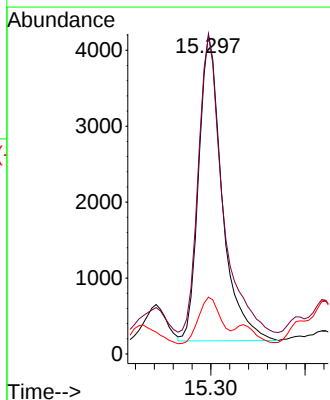
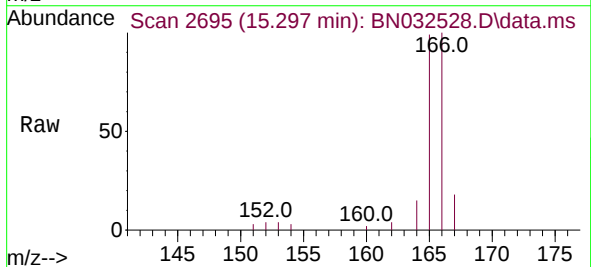
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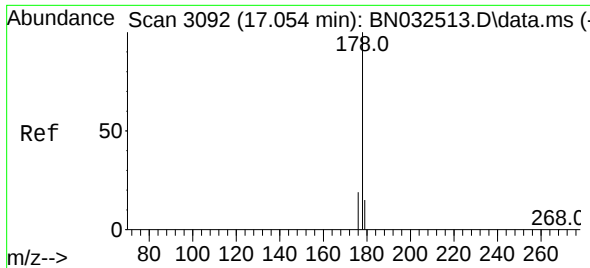
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#12
Fluorene
Concen: 0.209 ng/ul
RT: 15.297 min Scan# 2695
Delta R.T. -0.015 min
Lab File: BN032528.D
Acq: 06 Jul 2024 03:22

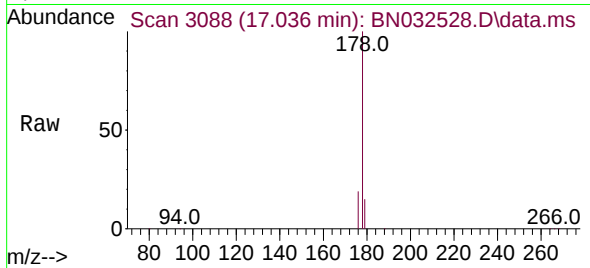
Tgt Ion:166 Resp: 6967
Ion Ratio Lower Upper
166 100
165 99.5 79.0 118.6
167 17.8 11.0 16.6#





#15
Phenanthrene
Concen: 4.502 ng/ul
RT: 17.036 min Scan# 3092
Delta R.T. -0.014 min
Lab File: BN032528.D
Acq: 06 Jul 2024 03:22

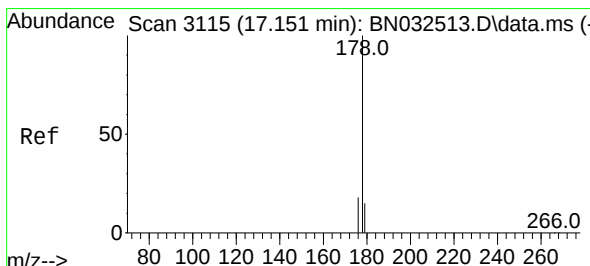
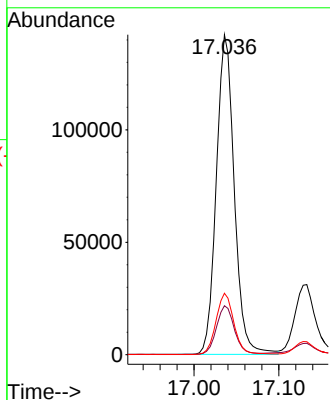
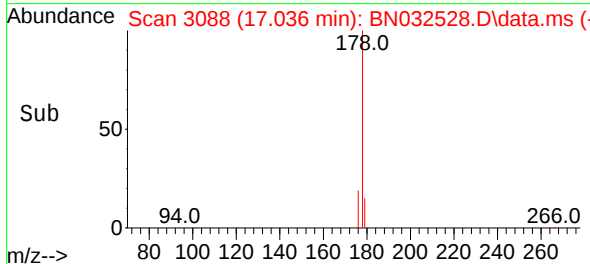
Instrument :
BNA_N
ClientSampleId :
A4CR6DL



Tgt Ion:178 Resp: 209260
Ion Ratio Lower Upper
178 100
179 15.3 12.6 18.8
176 19.2 15.6 23.4

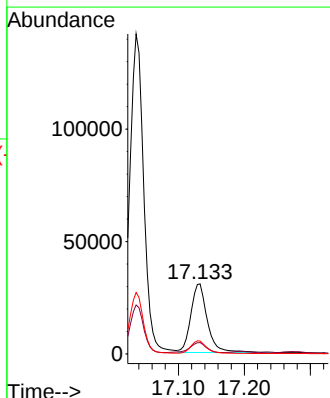
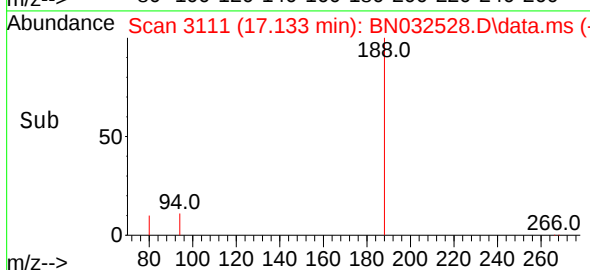
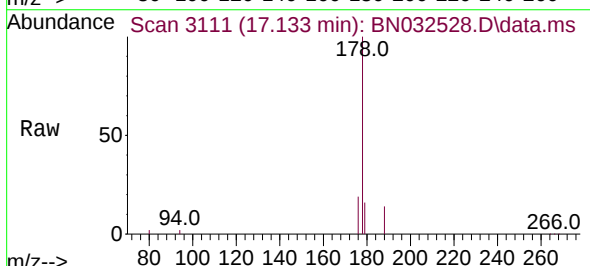
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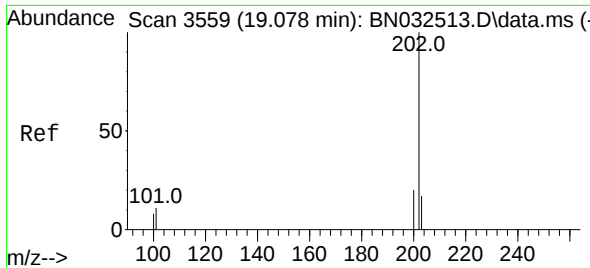
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#16
Anthracene
Concen: 1.283 ng/ul
RT: 17.133 min Scan# 3111
Delta R.T. -0.010 min
Lab File: BN032528.D
Acq: 06 Jul 2024 03:22

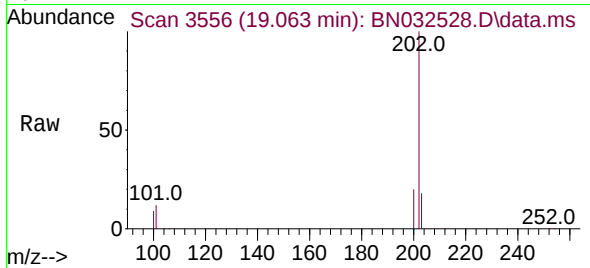
Tgt Ion:178 Resp: 53183
Ion Ratio Lower Upper
178 100
179 16.2 12.5 18.7
176 18.5 15.0 22.6





#19
Fluoranthene
Concen: 4.975 ng/ul
RT: 19.063 min Scan# 3556
Delta R.T. -0.011 min
Lab File: BN032528.D
Acq: 06 Jul 2024 03:22

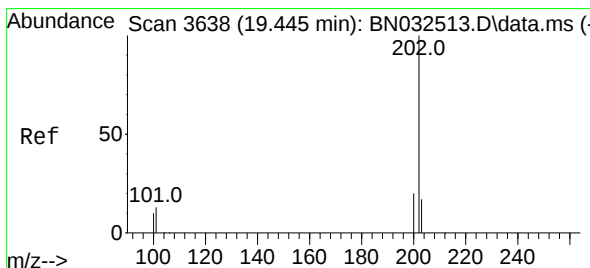
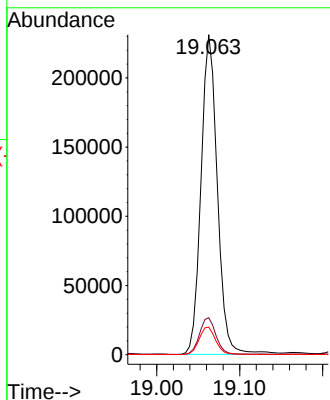
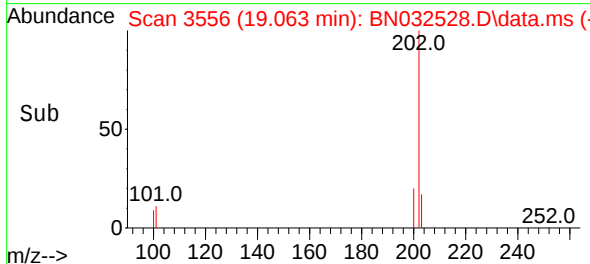
Instrument :
BNA_N
ClientSampleId :
A4CR6DL



Tgt Ion:202 Resp: 317170
Ion Ratio Lower Upper
202 100
101 11.6 8.8 13.2
100 8.6 6.4 9.6

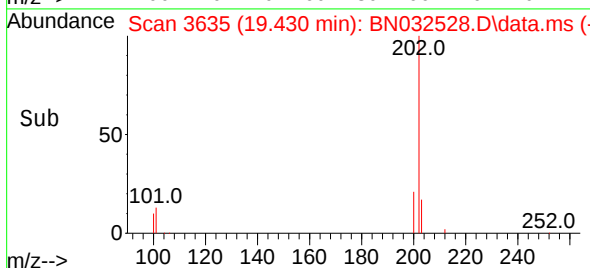
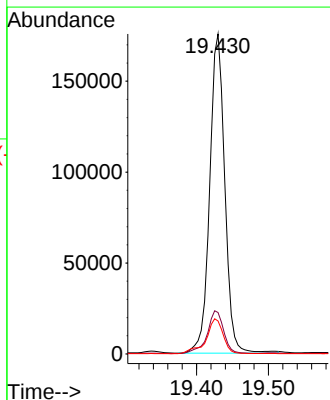
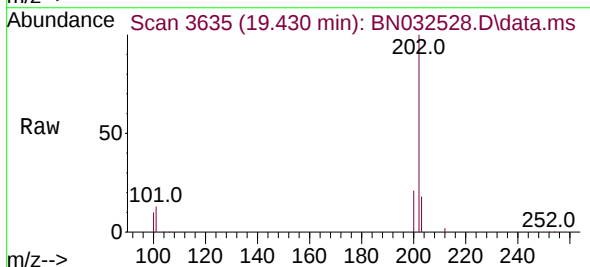
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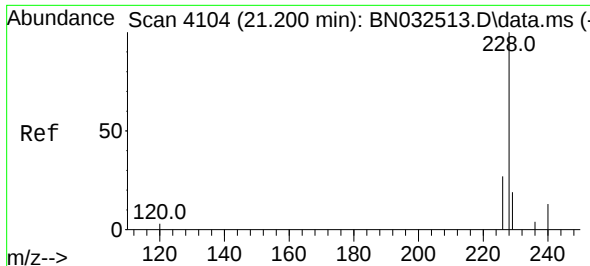
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#20
Pyrene
Concen: 3.834 ng/ul
RT: 19.430 min Scan# 3635
Delta R.T. -0.011 min
Lab File: BN032528.D
Acq: 06 Jul 2024 03:22

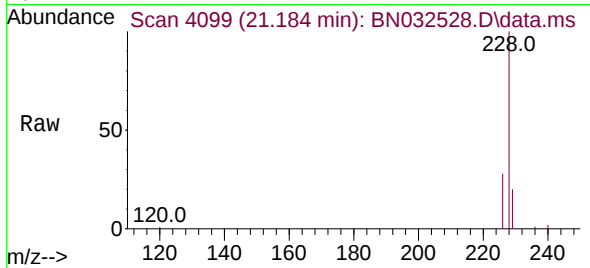
Tgt Ion:202 Resp: 255407
Ion Ratio Lower Upper
202 100
101 12.9 11.0 16.4
100 10.3 8.7 13.1





#21
Benzo(a)anthracene
Concen: 2.556 ng/ul
RT: 21.184 min Scan# 4104
Delta R.T. -0.007 min
Lab File: BN032528.D
Acq: 06 Jul 2024 03:22

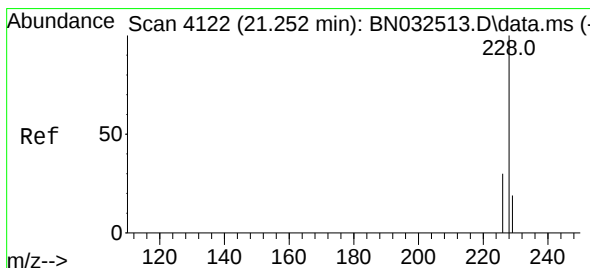
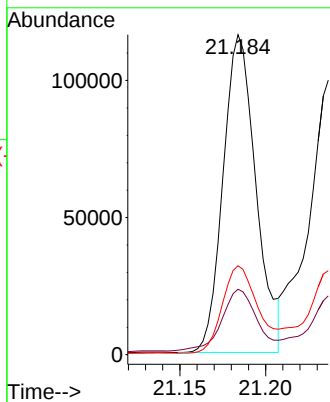
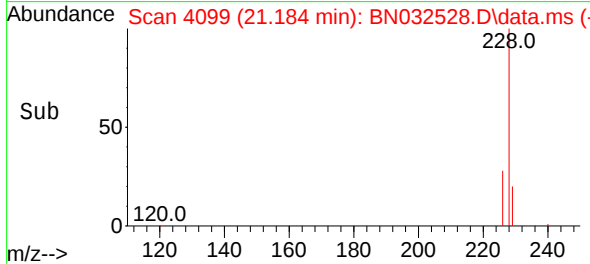
Instrument :
BNA_N
ClientSampleId :
A4CR6DL



Tgt Ion:228 Resp: 154474
Ion Ratio Lower Upper
228 100
229 20.4 15.7 23.5
226 27.8 21.8 32.8

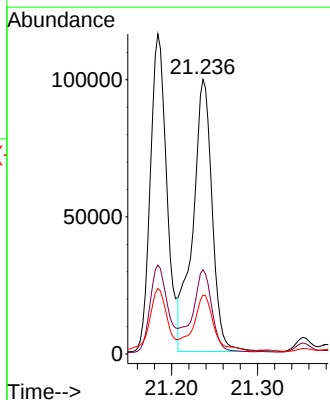
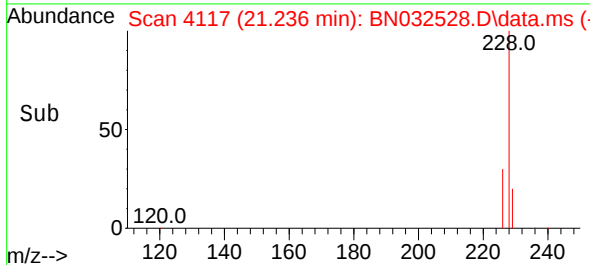
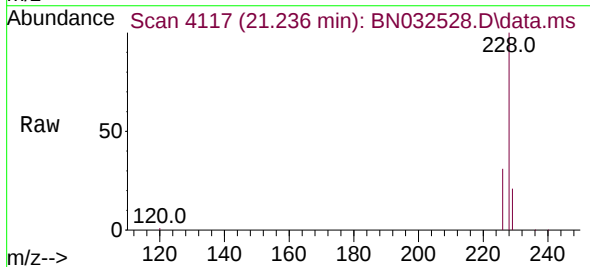
Manual Integrations
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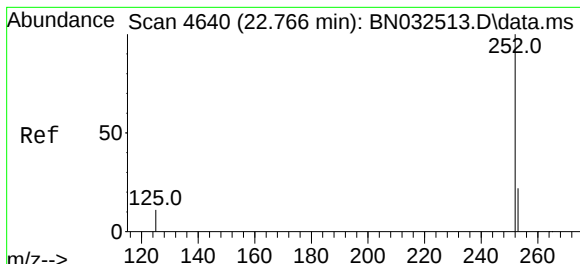
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#22
Chrysene
Concen: 2.343 ng/ul
RT: 21.236 min Scan# 4117
Delta R.T. -0.007 min
Lab File: BN032528.D
Acq: 06 Jul 2024 03:22

Tgt Ion:228 Resp: 155413
Ion Ratio Lower Upper
228 100
226 30.6 23.6 35.4
229 21.5 15.7 23.5





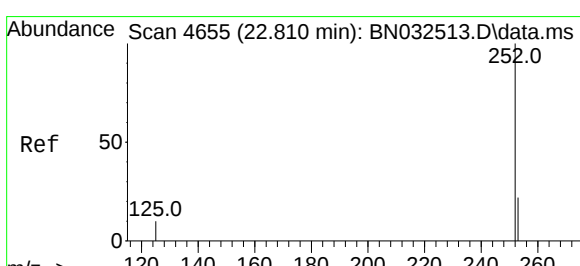
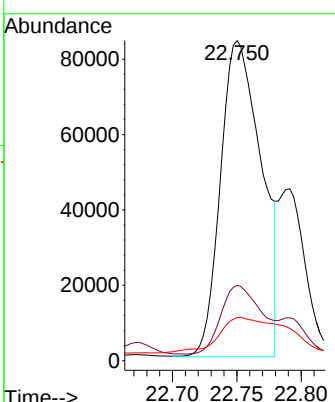
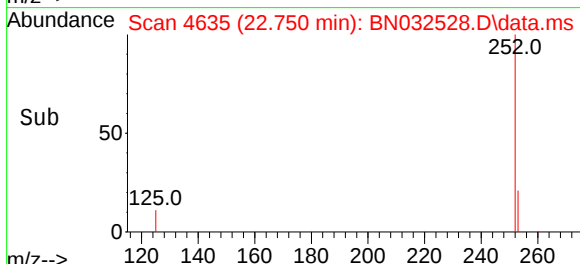
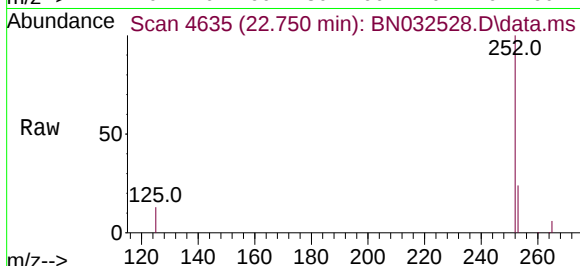
#24
Benzo(b)fluoranthene
Concen: 2.163 ng/ul m
RT: 22.750 min Scan# 4635
Delta R.T. -0.007 min
Lab File: BN032528.D
Acq: 06 Jul 2024 03:22

Instrument : BNA_N
ClientSampleId : A4CR6DL

Tgt Ion:252	Resp:	185670
Ion Ratio	Lower	Upper
252	100	
253	23.6	0.0 50.2
125	13.4	0.0 32.0

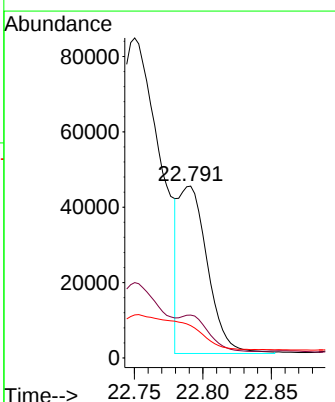
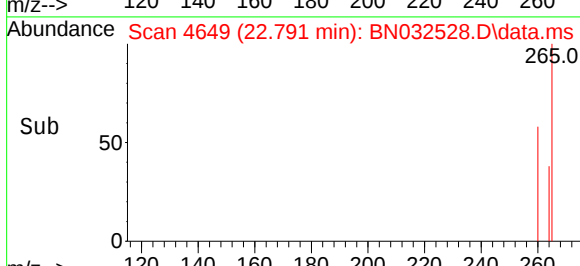
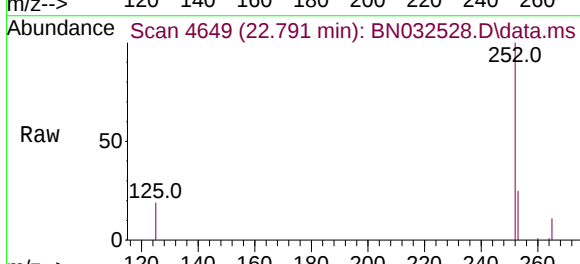
Manual Integrations
APPROVED

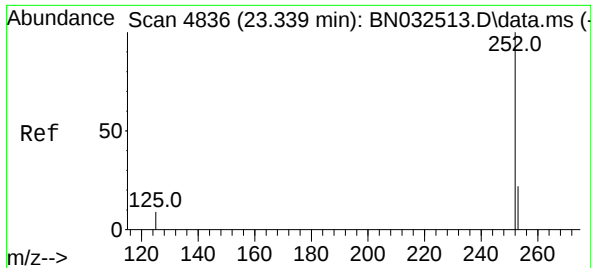
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#25
Benzo(k)fluoranthene
Concen: 0.785 ng/ul m
RT: 22.791 min Scan# 4649
Delta R.T. -0.010 min
Lab File: BN032528.D
Acq: 06 Jul 2024 03:22

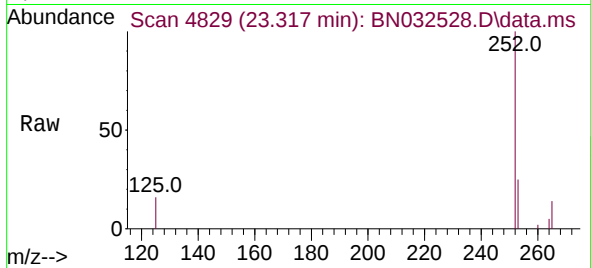
Tgt Ion:252	Resp:	65488
Ion Ratio	Lower	Upper
252	100	
253	24.9	20.3 30.5
125	18.8	12.8 19.2





#26
Benzo(a)pyrene
Concen: 1.250 ng/ul
RT: 23.317 min Scan# 4829
Delta R.T. -0.010 min
Lab File: BN032528.D
Acq: 06 Jul 2024 03:22

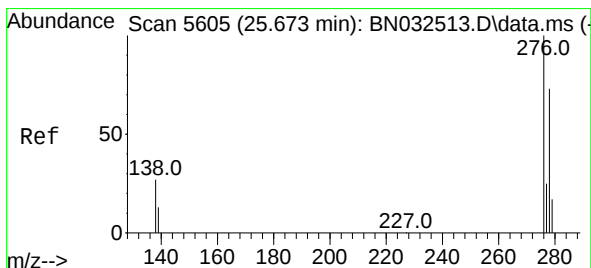
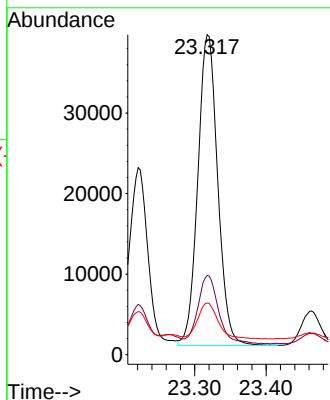
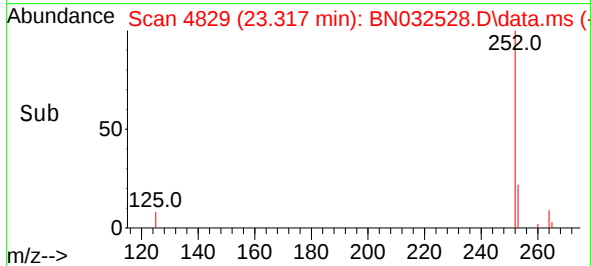
Instrument :
BNA_N
ClientSampleId :
A4CR6DL



Tgt Ion:252 Resp: 74634
Ion Ratio Lower Upper
252 100
253 24.7 22.2 33.2
125 16.2 16.4 24.6

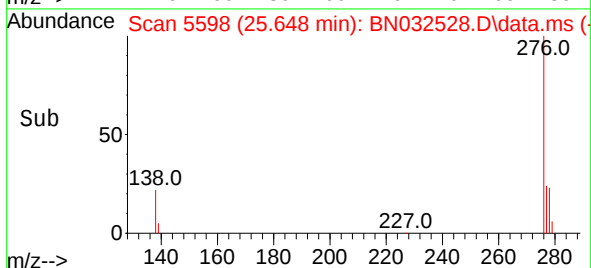
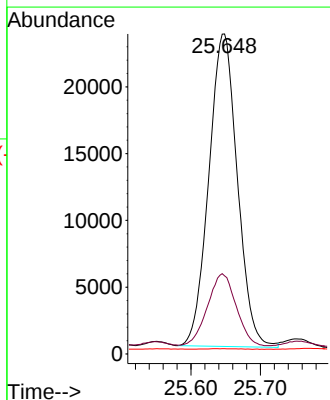
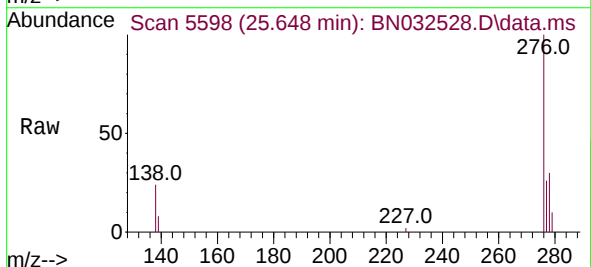
Manual Integrations
APPROVED

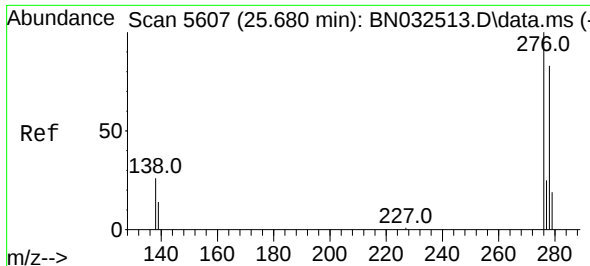
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.715 ng/ul
RT: 25.648 min Scan# 5598
Delta R.T. -0.011 min
Lab File: BN032528.D
Acq: 06 Jul 2024 03:22

Tgt Ion:276 Resp: 66813
Ion Ratio Lower Upper
276 100
138 23.4 21.3 31.9
227 0.2 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.342 ng/ul

RT: 25.645 min Scan# 51

Delta R.T. -0.021 min

Lab File: BN032528.D

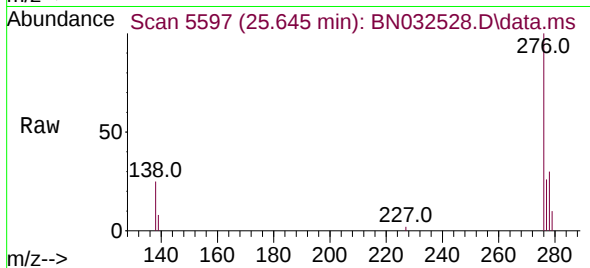
Acq: 06 Jul 2024 03:22

Instrument :

BNA_N

ClientSampleId :

A4CR6DL



Tgt Ion:278 Resp: 2374

Ion Ratio Lower Upper

278 100

139 27.3 15.9 23.9

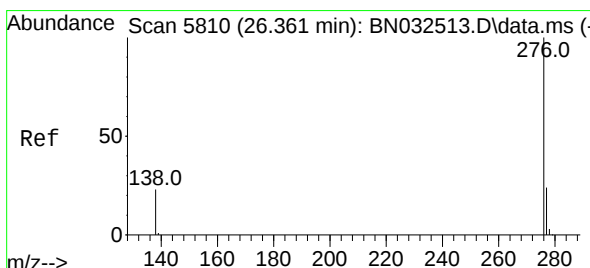
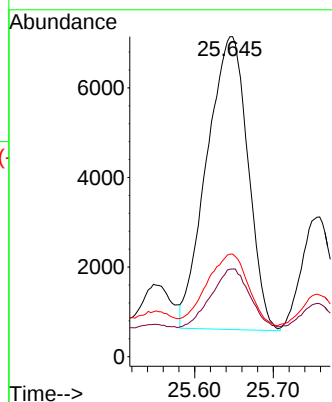
279 32.0 21.1 31.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#29

Benzo(g,h,i)perylene

Concen: 0.125 ng/ul

RT: 26.336 min Scan# 5803

Delta R.T. -0.008 min

Lab File: BN032528.D

Acq: 06 Jul 2024 03:22

Tgt Ion:276 Resp: 9285

Ion Ratio Lower Upper

276 100

138 34.9 19.8 29.6

277 34.7 19.8 29.6

