

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032521.D
 Acq On : 05 Jul 2024 23:08
 Operator : MA/JU
 Sample : P2964-05DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B52DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 05 23:45:07 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	5349	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	15652	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	9033	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.999	188	18615	0.400	ng/ul	0.00
17) Chrysene-d12	21.203	240	18209	0.400	ng/ul	0.00
23) Perylene-d12	23.415	264	21317	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	3274	0.551	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	765	0.033	ng/ul	0.00
18) Fluoranthene-d10	19.031	212	1937	0.035	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.420	128	5402	0.130	ng/ul#	93
7) 2-Methylnaphthalene	12.054	142	1477	0.054	ng/ul	99
8) 1-Methylnaphthalene	12.274	142	1222	0.043	ng/ul	97
10) Acenaphthylene	13.962	152	6796	0.181	ng/ul	95
11) Acenaphthene	14.304	153	7368	0.253	ng/ul	99
12) Fluorene	15.303	166	7338	0.211	ng/ul	99
15) Phenanthrene	17.037	178	140702	2.757	ng/ul	99
16) Anthracene	17.130	178	28896	0.635	ng/ul	97
19) Fluoranthene	19.064	202	266826	3.848	ng/ul	98
20) Pyrene	19.431	202	182252	2.515	ng/ul	99
21) Benzo(a)anthracene	21.185	228	123457	1.878	ng/ul	98
22) Chrysene	21.238	228	129902	1.801	ng/ul	97
24) Benzo(b)fluoranthene	22.751	252	180040m	1.944	ng/ul	
25) Benzo(k)fluoranthene	22.792	252	64292m	0.714	ng/ul	
26) Benzo(a)pyrene	23.319	252	65400	1.015	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.646	276	60907	0.604	ng/ul	93
28) Dibenzo(a,h)anthracene	25.643	278	20909	0.279	ng/ul#	88
29) Benzo(g,h,i)perylene	26.337	276	8833	0.110	ng/ul#	80

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

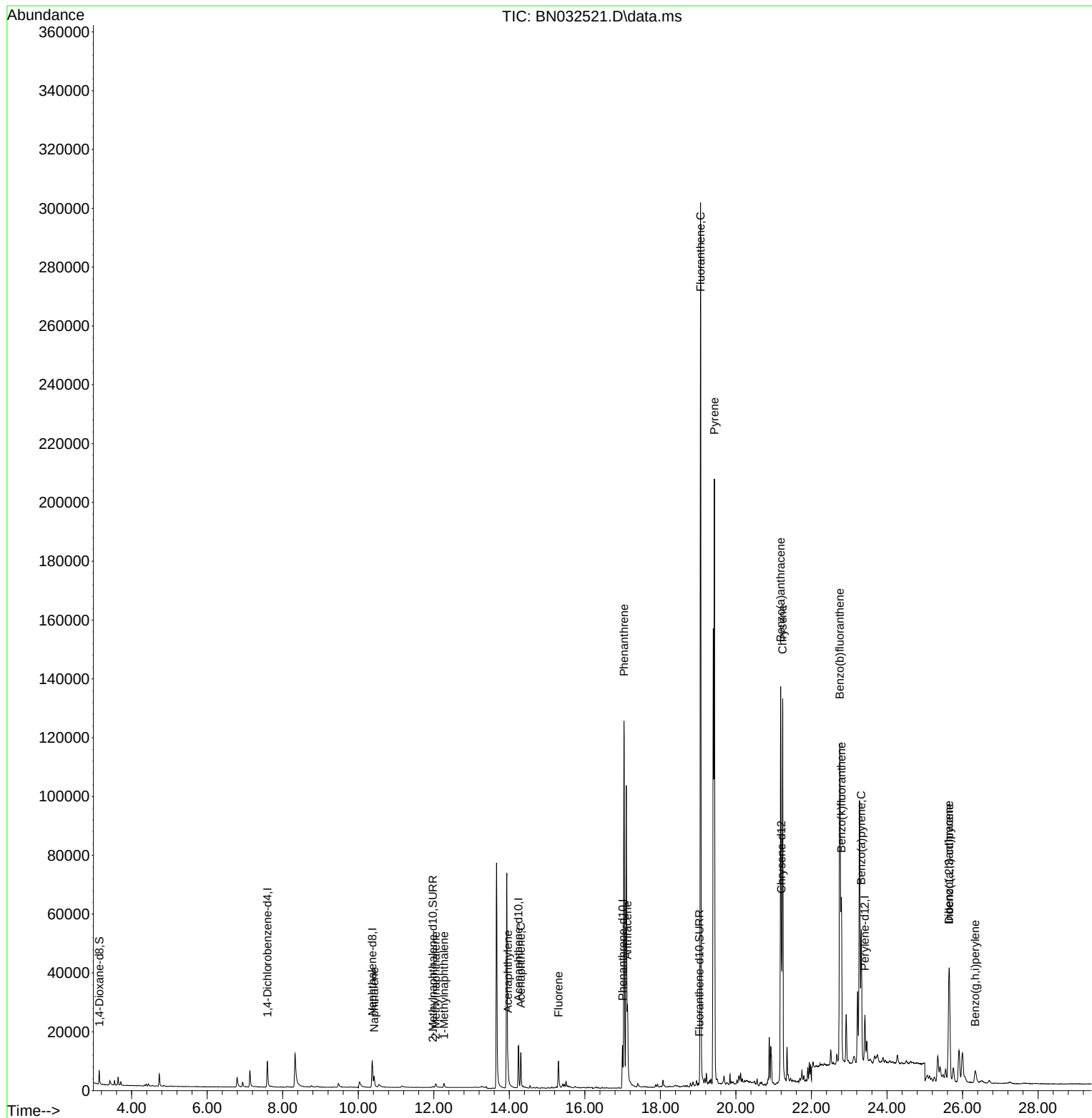
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032521.D
Acq On : 05 Jul 2024 23:08
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ALS Vial : 21 Sample Multiplier: 1

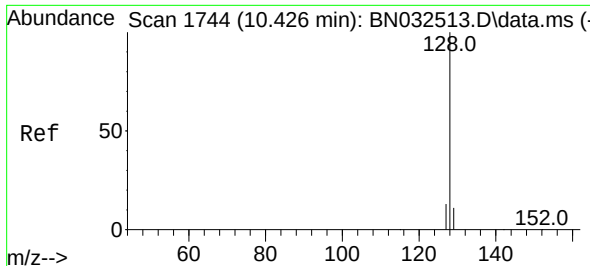
Instrument :
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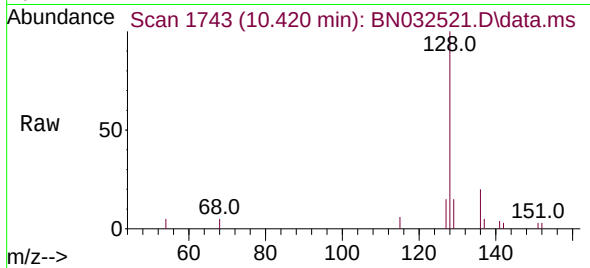
Quant Time: Jul 05 23:45:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.130 ng/ul
RT: 10.420 min Scan# 1744
Delta R.T. -0.011 min
Lab File: BN032521.D
Acq: 05 Jul 2024 23:08

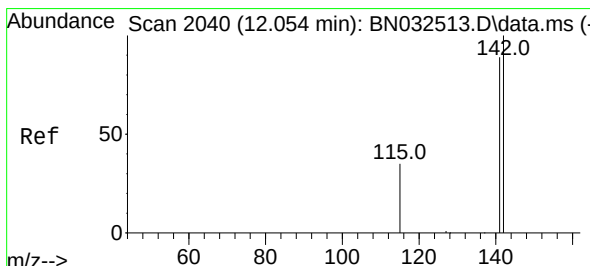
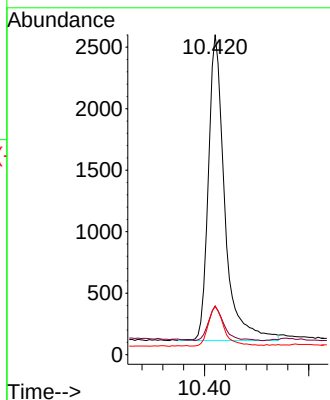
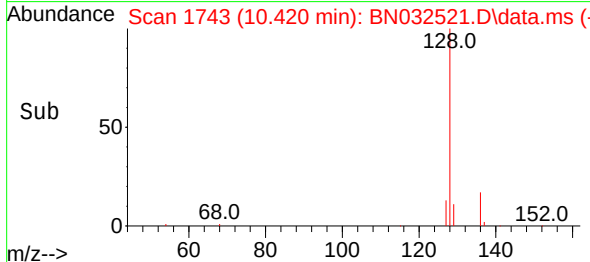
Instrument :
BNA_N
ClientSampleId :
A4B52DL



Tgt Ion:128 Resp: 5402
Ion Ratio Lower Upper
128 100
129 15.3 9.2 13.8
127 15.1 10.8 16.2

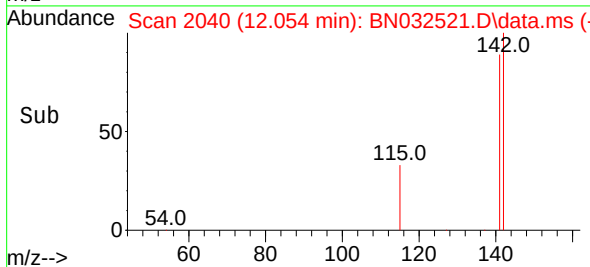
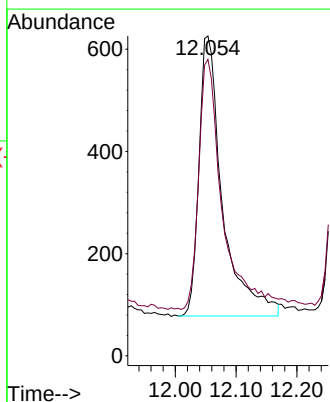
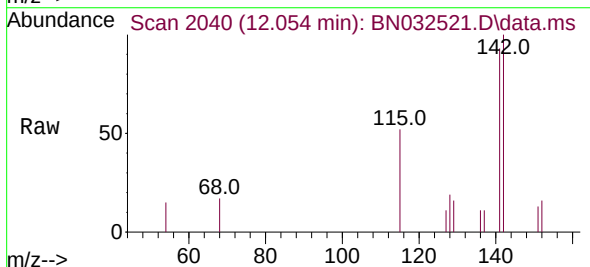
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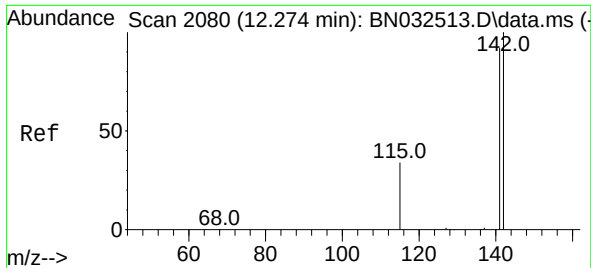
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#7
2-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.054 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BN032521.D
Acq: 05 Jul 2024 23:08

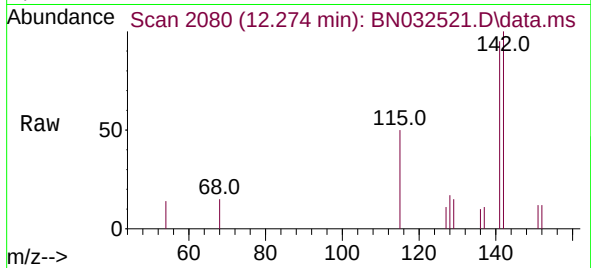
Tgt Ion:142 Resp: 1477
Ion Ratio Lower Upper
142 100
141 89.0 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 12.274 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BN032521.D
Acq: 05 Jul 2024 23:08

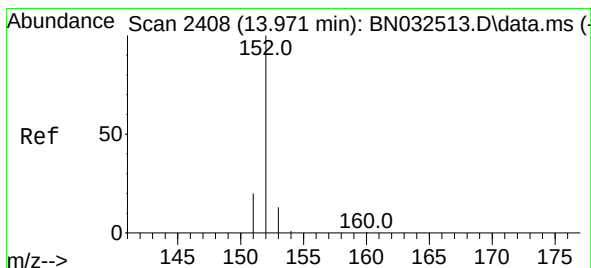
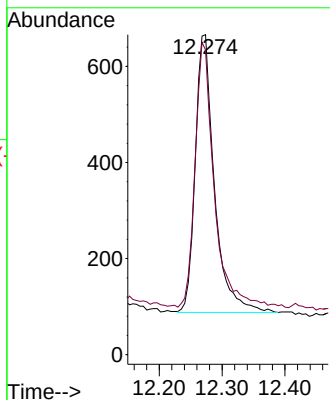
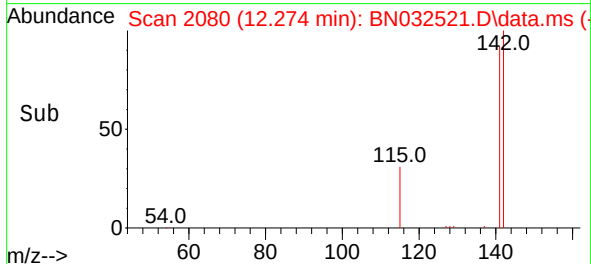
Instrument :
BNA_N
ClientSampleId :
A4B52DL



Tgt Ion:142 Resp: 1222
Ion Ratio Lower Upper
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141 95.0 73.4 110.0

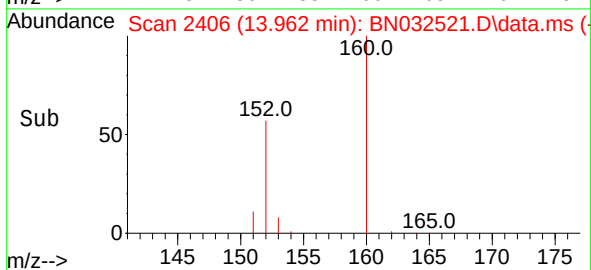
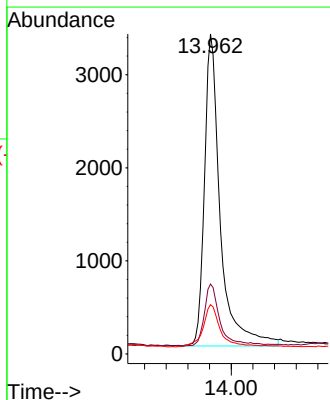
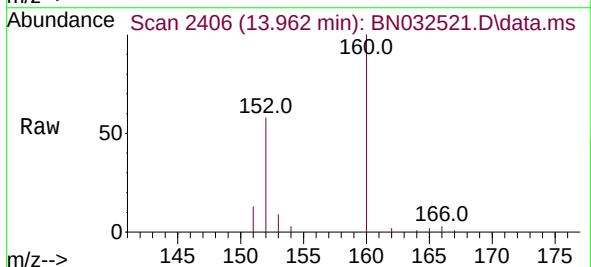
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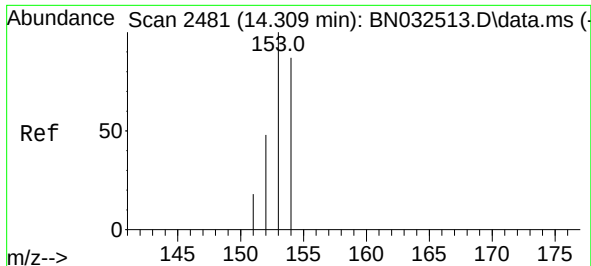
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#10
Acenaphthylene
Concen: 0.181 ng/ul
RT: 13.962 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BN032521.D
Acq: 05 Jul 2024 23:08

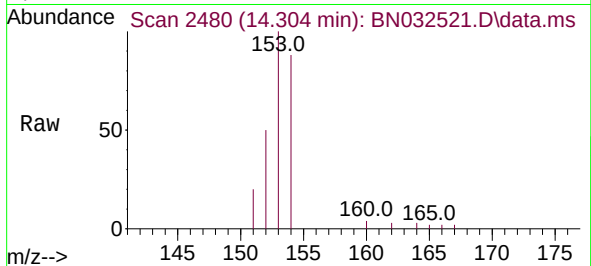
Tgt Ion:152 Resp: 6796
Ion Ratio Lower Upper
152 100
151 21.9 15.7 23.5
153 15.4 10.9 16.3





#11
Acenaphthene
Concen: 0.253 ng/ul
RT: 14.304 min Scan# 2481
Delta R.T. -0.009 min
Lab File: BN032521.D
Acq: 05 Jul 2024 23:08

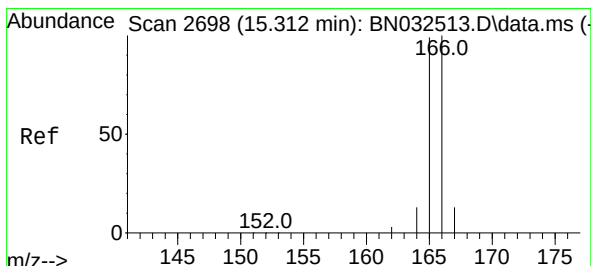
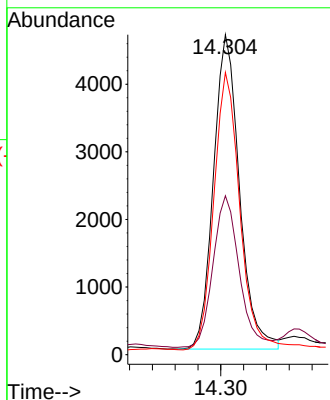
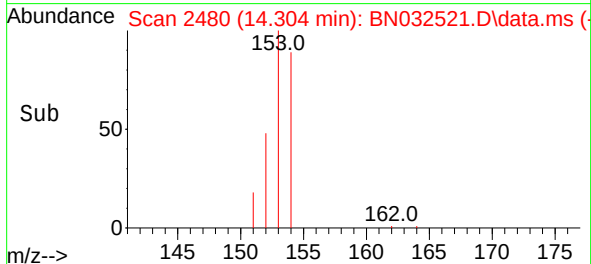
Instrument :
BNA_N
ClientSampleId :
A4B52DL



Tgt Ion:153 Resp: 7368
Ion Ratio Lower Upper
153 100
152 49.7 39.5 59.3
154 88.2 71.7 107.5

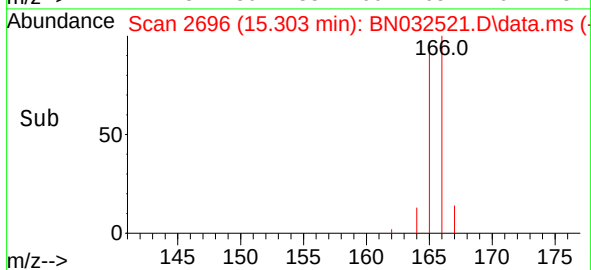
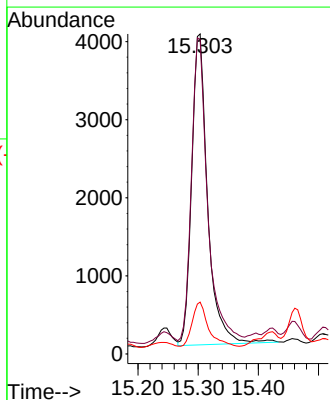
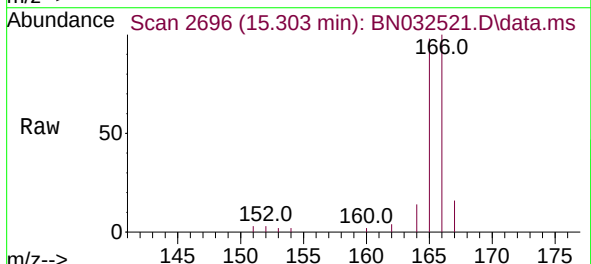
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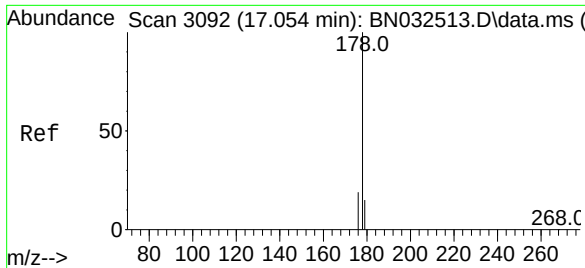
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#12
Fluorene
Concen: 0.211 ng/ul
RT: 15.303 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BN032521.D
Acq: 05 Jul 2024 23:08

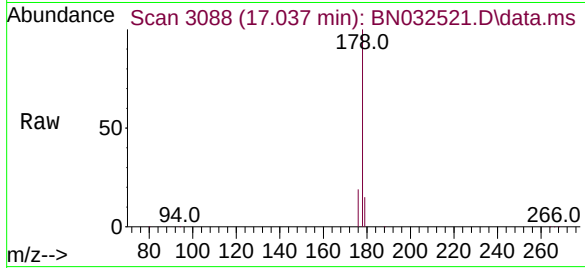
Tgt Ion:166 Resp: 7338
Ion Ratio Lower Upper
166 100
165 98.3 79.0 118.6
167 16.2 11.0 16.6





#15
Phenanthrene
Concen: 2.757 ng/ul
RT: 17.037 min Scan# 3092
Delta R.T. -0.013 min
Lab File: BN032521.D
Acq: 05 Jul 2024 23:08

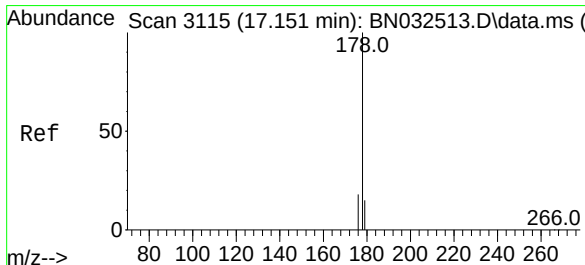
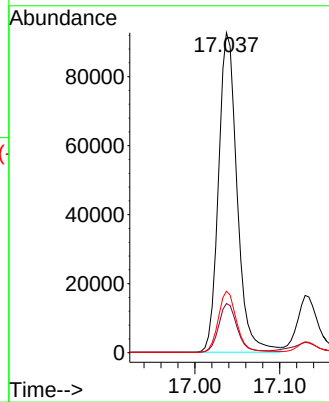
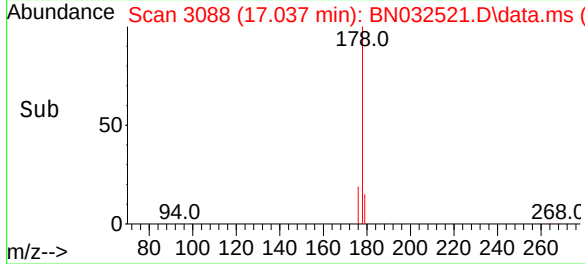
Instrument :
BNA_N
ClientSampleId :
A4B52DL



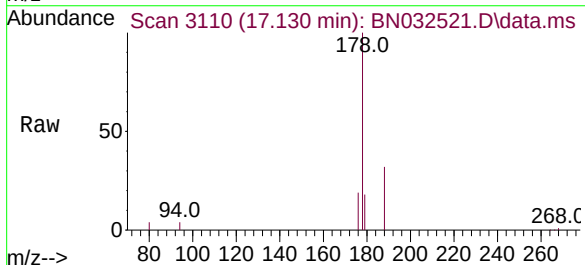
Tgt Ion:178 Resp: 140702
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.2 15.6 23.4

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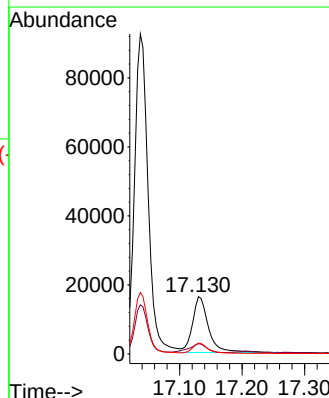
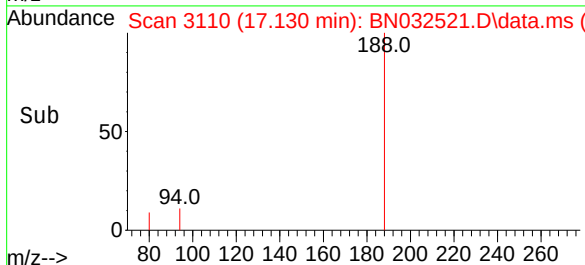
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

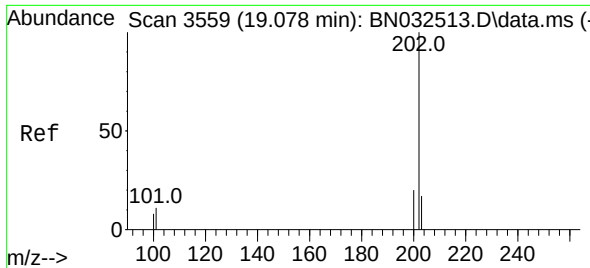


#16
Anthracene
Concen: 0.635 ng/ul
RT: 17.130 min Scan# 3110
Delta R.T. -0.013 min
Lab File: BN032521.D
Acq: 05 Jul 2024 23:08



Tgt Ion:178 Resp: 28896
Ion Ratio Lower Upper
178 100
179 18.0 12.5 18.7
176 18.9 15.0 22.6





#19

Fluoranthene

Concen: 3.848 ng/ul

RT: 19.064 min Scan# 3559

Delta R.T. -0.009 min

Lab File: BN032521.D

Acq: 05 Jul 2024 23:08

Instrument :

BNA_N

ClientSampleId :

A4B52DL

Tgt Ion:202 Resp: 266820

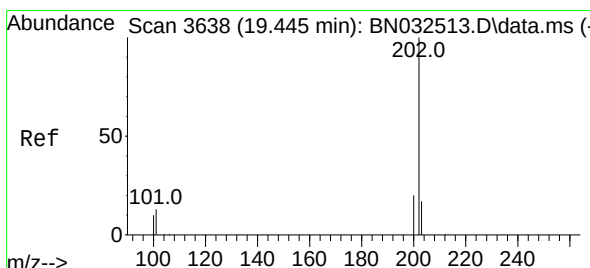
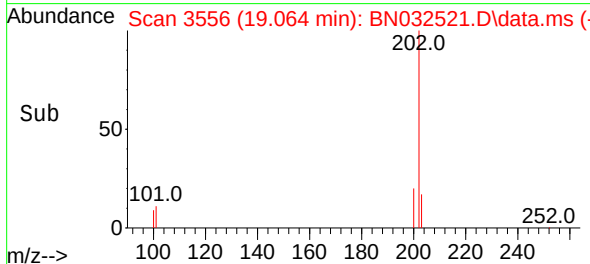
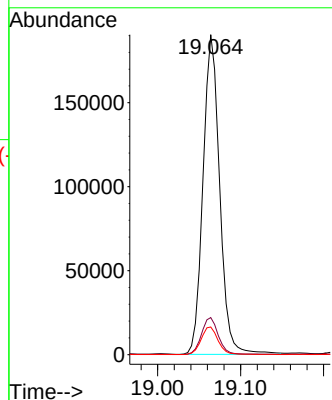
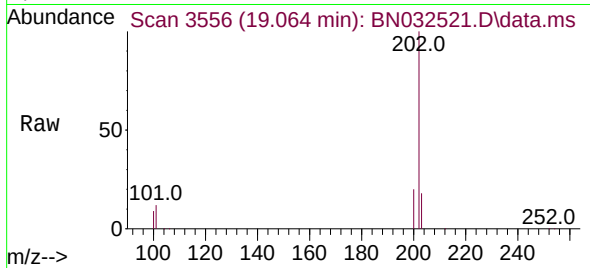
Ion	Ratio	Lower	Upper
202	100		
101	11.6	8.8	13.2
100	8.6	6.4	9.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#20

Pyrene

Concen: 2.515 ng/ul

RT: 19.431 min Scan# 3635

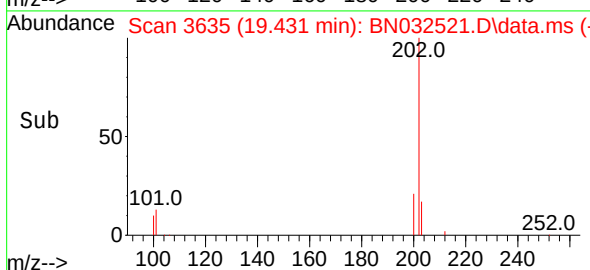
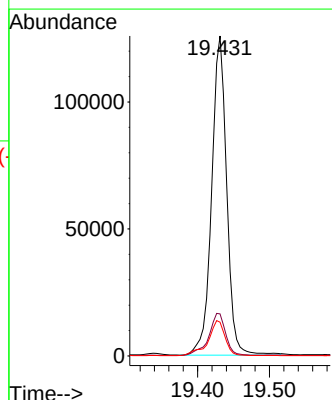
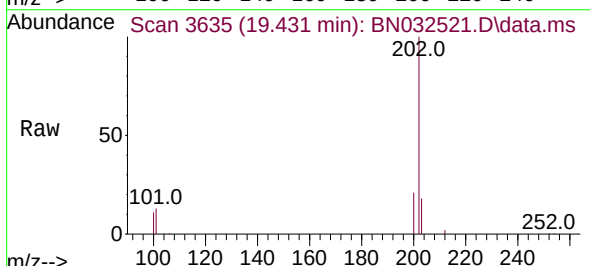
Delta R.T. -0.009 min

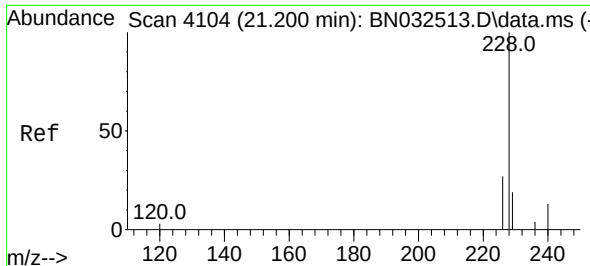
Lab File: BN032521.D

Acq: 05 Jul 2024 23:08

Tgt Ion:202 Resp: 182252

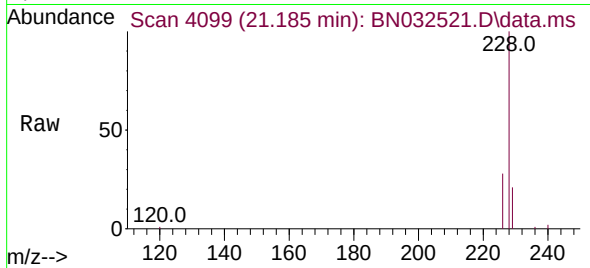
Ion	Ratio	Lower	Upper
202	100		
101	13.2	11.0	16.4
100	10.5	8.7	13.1





#21
Benzo(a)anthracene
Concen: 1.878 ng/ul
RT: 21.185 min Scan# 4104
Delta R.T. -0.006 min
Lab File: BN032521.D
Acq: 05 Jul 2024 23:08

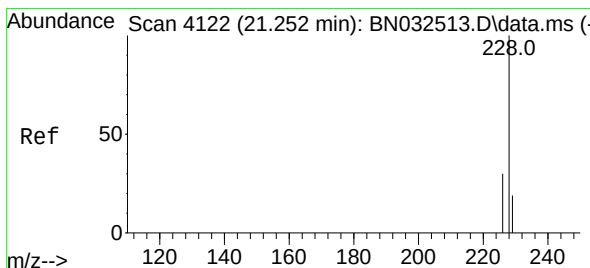
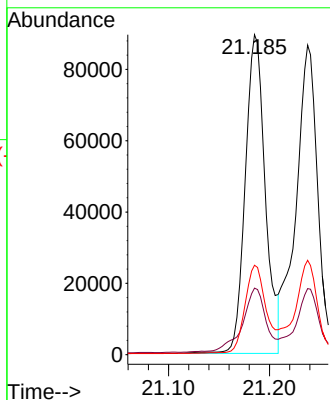
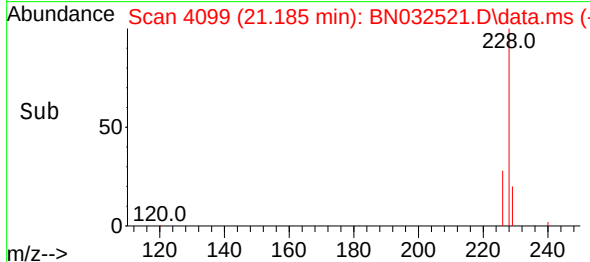
Instrument :
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A4B52DL



Tgt Ion:228 Resp: 12345
Ion Ratio Lower Upper
228 100
229 20.8 15.7 23.5
226 27.9 21.8 32.8

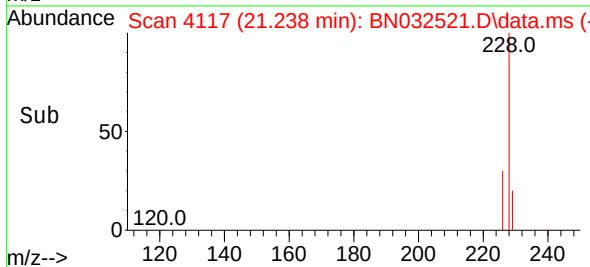
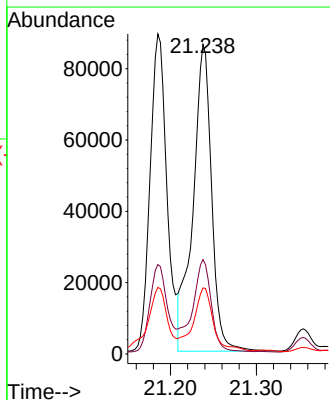
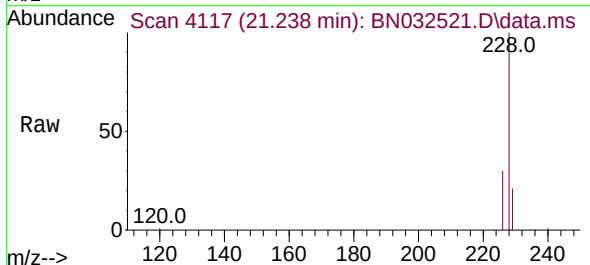
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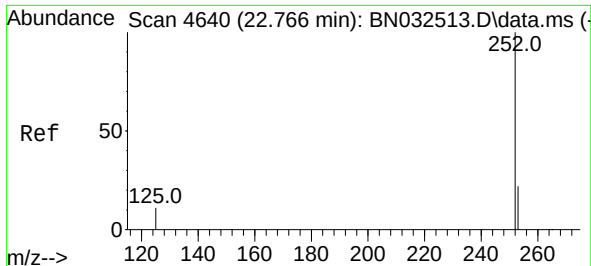
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#22
Chrysene
Concen: 1.801 ng/ul
RT: 21.238 min Scan# 4117
Delta R.T. -0.006 min
Lab File: BN032521.D
Acq: 05 Jul 2024 23:08

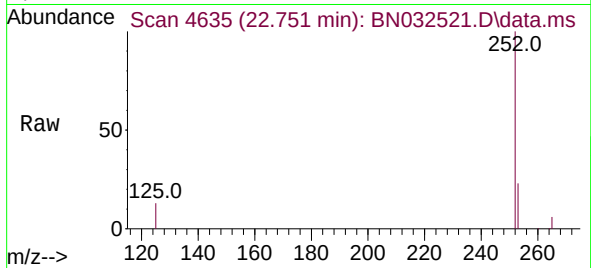
Tgt Ion:228 Resp: 129902
Ion Ratio Lower Upper
228 100
226 30.5 23.6 35.4
229 21.4 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.944 ng/ul m
RT: 22.751 min Scan# 4635
Delta R.T. -0.006 min
Lab File: BN032521.D
Acq: 05 Jul 2024 23:08

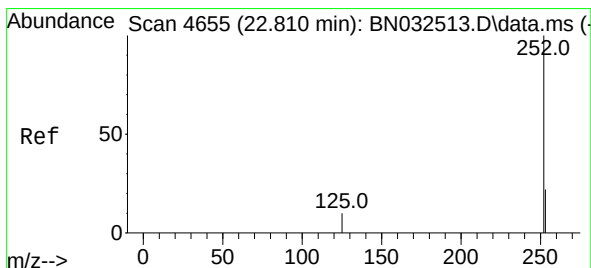
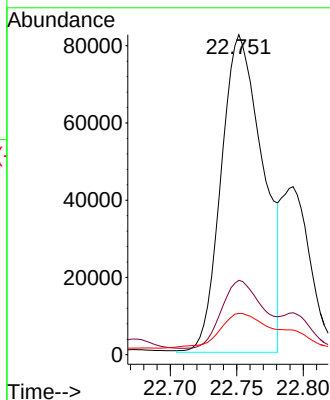
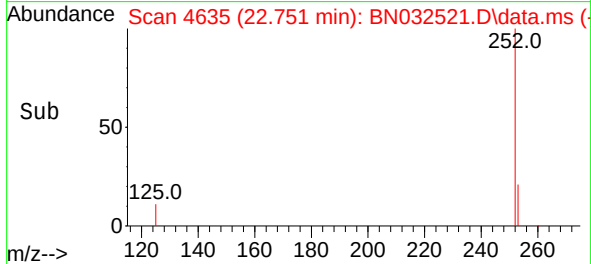
Instrument :
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ClientSampleId :
A4B52DL



Tgt Ion:252 Resp: 180040
Ion Ratio Lower Upper
252 100
253 23.3 0.0 50.2
125 12.9 0.0 32.0

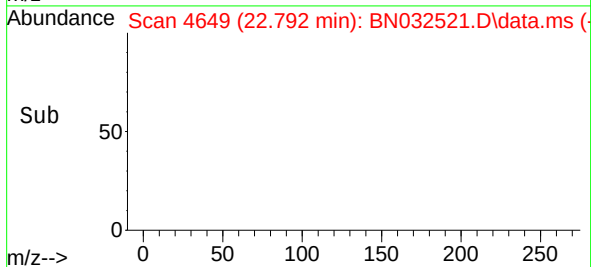
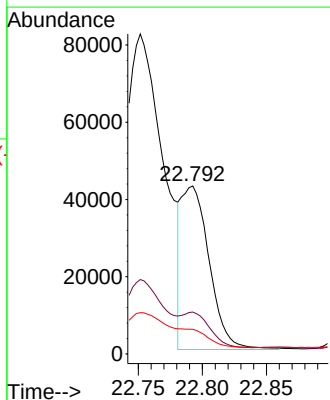
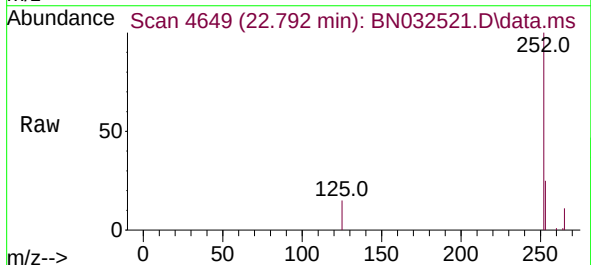
Manual Integrations
APPROVED

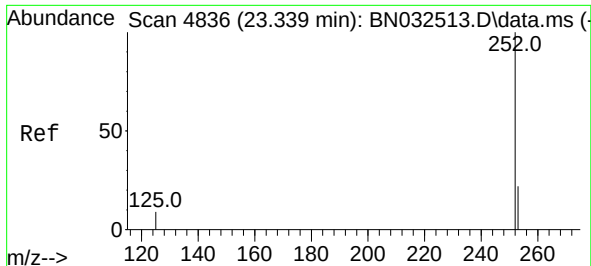
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#25
Benzo(k)fluoranthene
Concen: 0.714 ng/ul m
RT: 22.792 min Scan# 4649
Delta R.T. -0.009 min
Lab File: BN032521.D
Acq: 05 Jul 2024 23:08

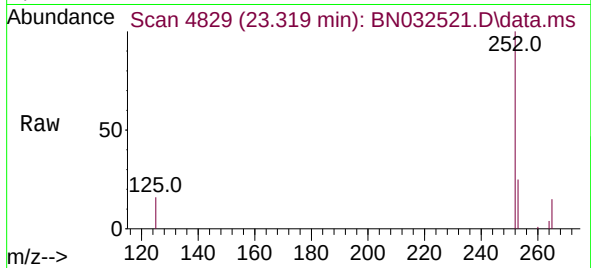
Tgt Ion:252 Resp: 64292
Ion Ratio Lower Upper
252 100
253 25.0 20.3 30.5
125 14.6 12.8 19.2





#26
Benzo(a)pyrene
Concen: 1.015 ng/ul
RT: 23.319 min Scan# 4829
Delta R.T. -0.009 min
Lab File: BN032521.D
Acq: 05 Jul 2024 23:08

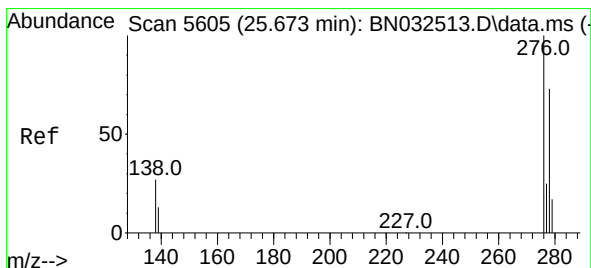
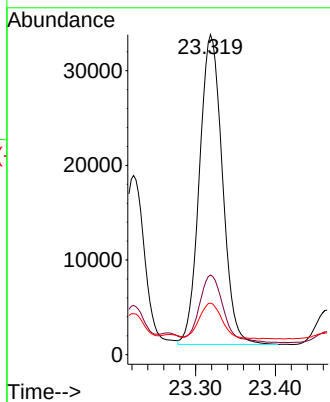
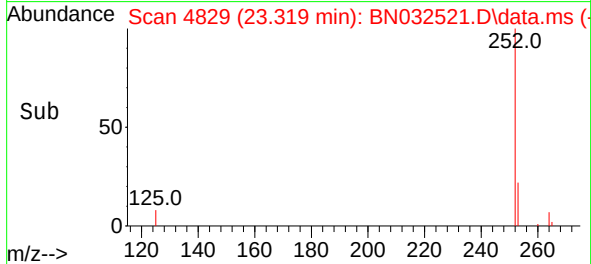
Instrument :
BNA_N
ClientSampleId :
A4B52DL



Tgt Ion:252 Resp: 65400
Ion Ratio Lower Upper
252 100
253 24.9 22.2 33.2
125 16.1 16.4 24.6

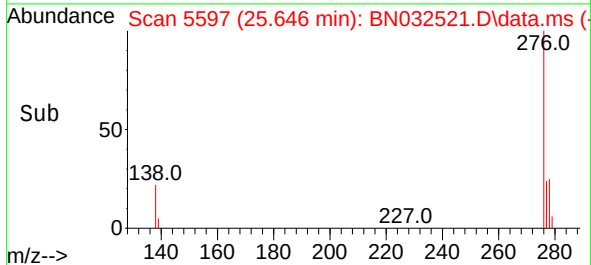
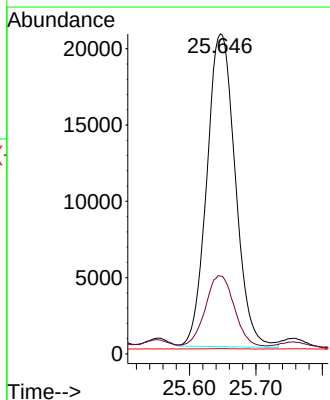
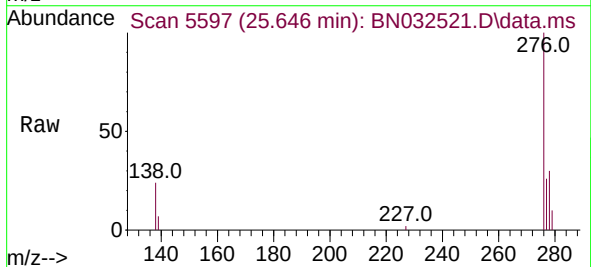
Manual Integrations
APPROVED

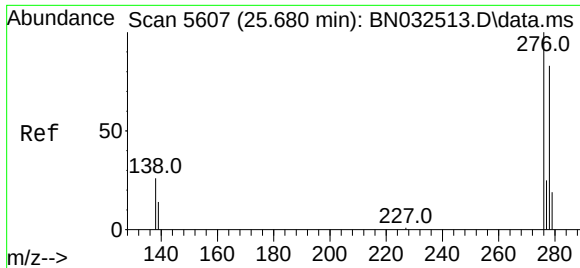
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.604 ng/ul
RT: 25.646 min Scan# 5597
Delta R.T. -0.013 min
Lab File: BN032521.D
Acq: 05 Jul 2024 23:08

Tgt Ion:276 Resp: 60907
Ion Ratio Lower Upper
276 100
138 23.0 21.3 31.9
227 0.1 0.1 0.1





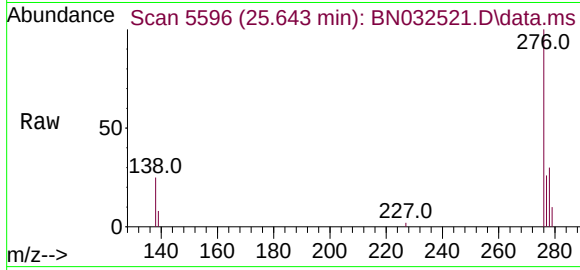
#28
 Dibenzo(a,h)anthracene
 Concen: 0.279 ng/ul
 RT: 25.643 min Scan# 5596
 Delta R.T. -0.023 min
 Lab File: BN032521.D
 Acq: 05 Jul 2024 23:08

Instrument :

BNA_N

ClientSampleId :

A4B52DL



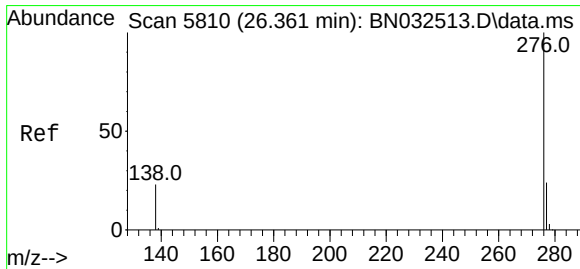
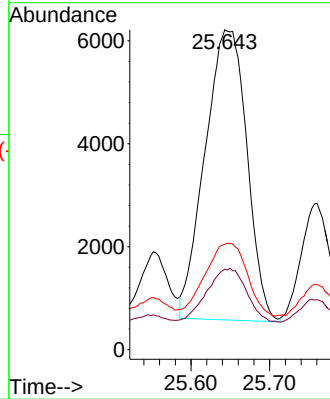
Tgt Ion:278 Resp: 20909
 Ion Ratio Lower Upper
 278 100
 139 25.1 15.9 23.9#
 279 32.9 21.1 31.7#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#29
 Benzo(g,h,i)perylene
 Concen: 0.110 ng/ul
 RT: 26.337 min Scan# 5803
 Delta R.T. -0.007 min
 Lab File: BN032521.D
 Acq: 05 Jul 2024 23:08

Tgt Ion:276 Resp: 8833
 Ion Ratio Lower Upper
 276 100
 138 34.6 19.8 29.6#
 277 35.1 19.8 29.6#

