

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032517.D
 Acq On : 05 Jul 2024 20:42
 Operator : MA/JU
 Sample : P2963-08DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ9DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 05 23:28:55 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	5386	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	15131	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.239	164	8266	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.995	188	15894	0.400	ng/ul	-0.01
17) Chrysene-d12	21.203	240	15482	0.400	ng/ul	# 0.00
23) Perylene-d12	23.415	264	18554	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	4820	0.805	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	1073	0.047	ng/ul	0.00
18) Fluoranthene-d10	19.036	212	2358	0.051	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.420	128	28354	0.708	ng/ul	100
7) 2-Methylnaphthalene	12.048	142	6447	0.243	ng/ul	99
8) 1-Methylnaphthalene	12.268	142	4123	0.150	ng/ul	99
10) Acenaphthylene	13.962	152	14210	0.413	ng/ul	97
11) Acenaphthene	14.304	153	10383	0.389	ng/ul	99
12) Fluorene	15.299	166	11448	0.360	ng/ul	98
15) Phenanthrene	17.037	178	216274	4.963	ng/ul	99
16) Anthracene	17.130	178	40305	1.037	ng/ul	97
19) Fluoranthene	19.064	202	307097	5.209	ng/ul	98
20) Pyrene	19.431	202	234529	3.807	ng/ul	99
21) Benzo(a)anthracene	21.185	228	144715	2.590	ng/ul	98
22) Chrysene	21.238	228	156712	2.555	ng/ul	97
24) Benzo(b)fluoranthene	22.754	252	205561m	2.550	ng/ul	
25) Benzo(k)fluoranthene	22.792	252	66505m	0.849	ng/ul	
26) Benzo(a)pyrene	23.319	252	85707	1.528	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.646	276	75967	0.865	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.646	278	25691	0.394	ng/ul#	87
29) Benzo(g,h,i)perylene	26.337	276	10897	0.156	ng/ul#	78

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

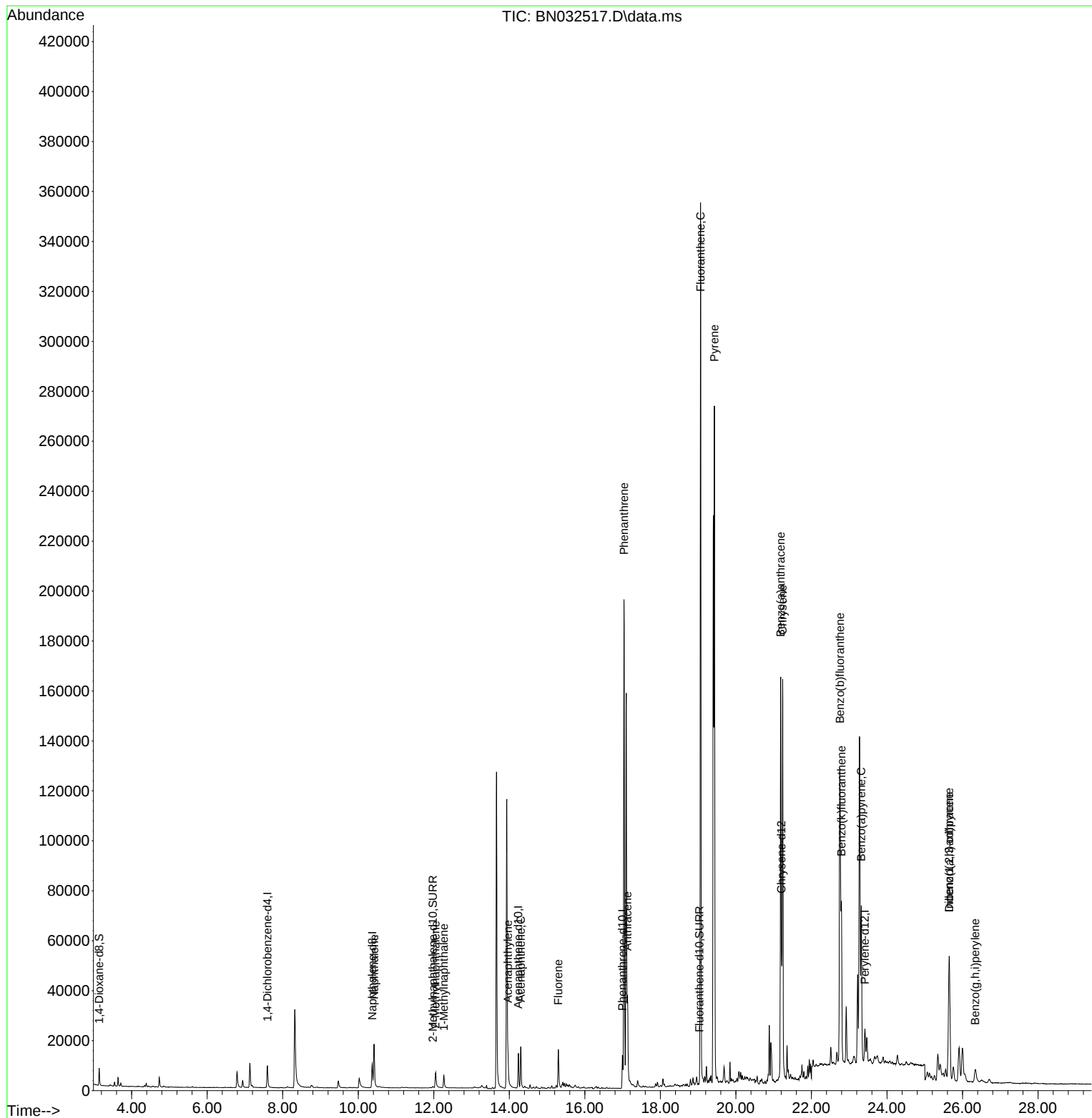
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032517.D
Acq On : 05 Jul 2024 20:42
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ALS Vial : 17 Sample Multiplier: 1

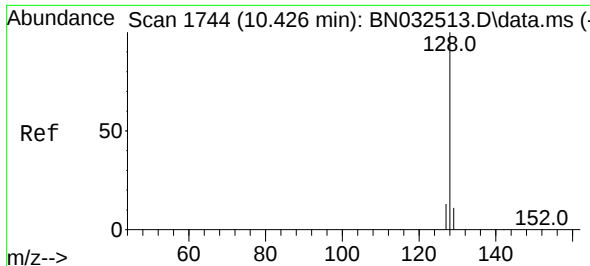
Instrument :
BNA_N
ClientSampleId :
A4CQ9DL

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

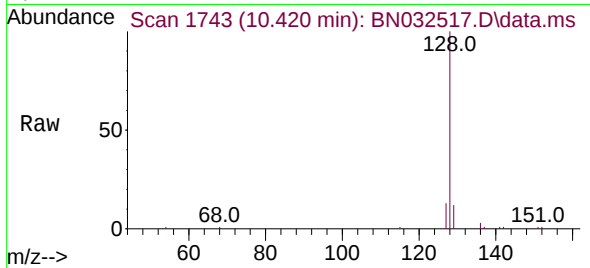
Quant Time: Jul 05 23:28:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.708 ng/ul
RT: 10.420 min Scan# 1744
Delta R.T. -0.011 min
Lab File: BN032517.D
Acq: 05 Jul 2024 20:42

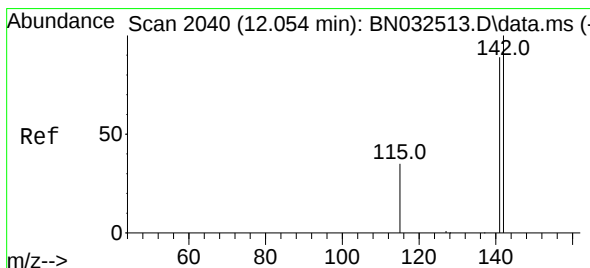
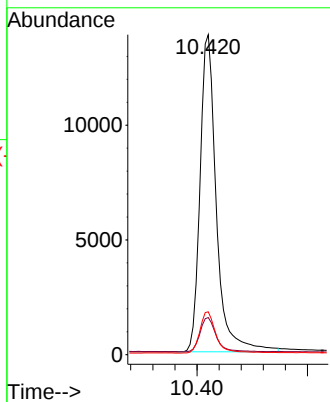
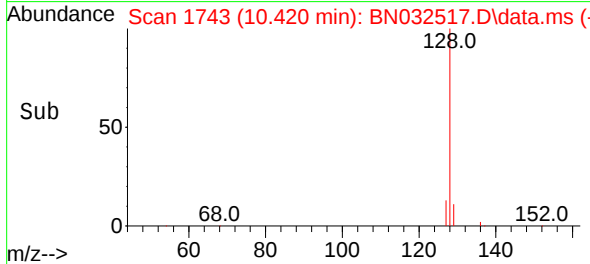
Instrument :
BNA_N
ClientSampleId :
A4CQ9DL



Tgt Ion:128 Resp: 28354
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.4 10.8 16.2

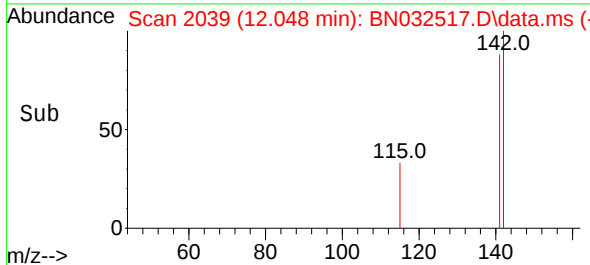
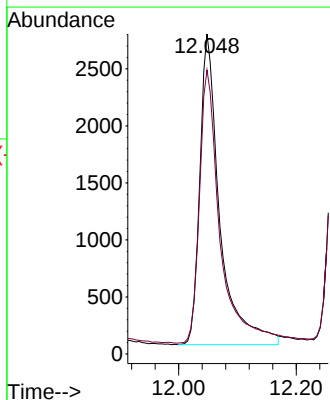
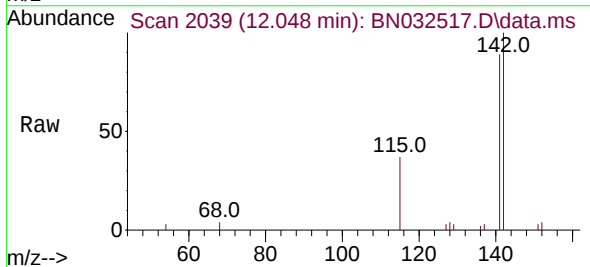
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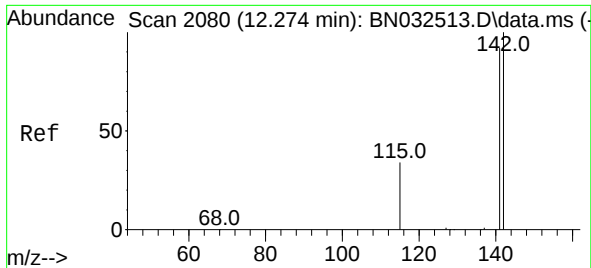
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#7
2-Methylnaphthalene
Concen: 0.243 ng/ul
RT: 12.048 min Scan# 2039
Delta R.T. -0.005 min
Lab File: BN032517.D
Acq: 05 Jul 2024 20:42

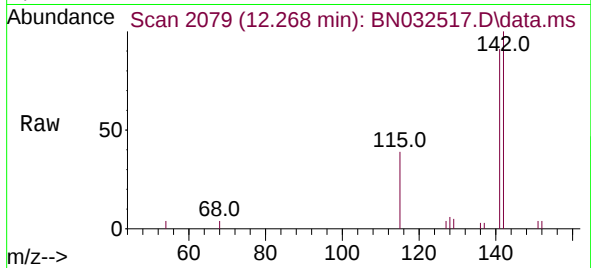
Tgt Ion:142 Resp: 6447
Ion Ratio Lower Upper
142 100
141 89.3 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.150 ng/ul
RT: 12.268 min Scan# 2080
Delta R.T. -0.005 min
Lab File: BN032517.D
Acq: 05 Jul 2024 20:42

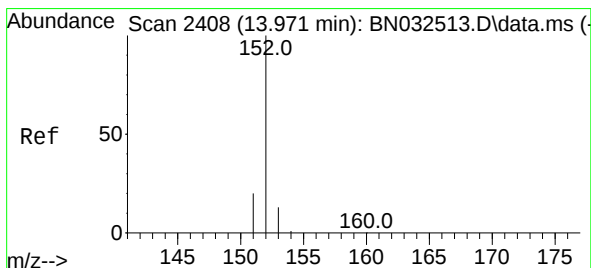
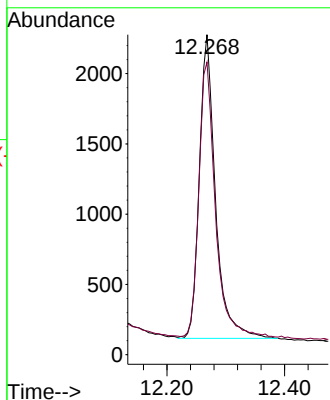
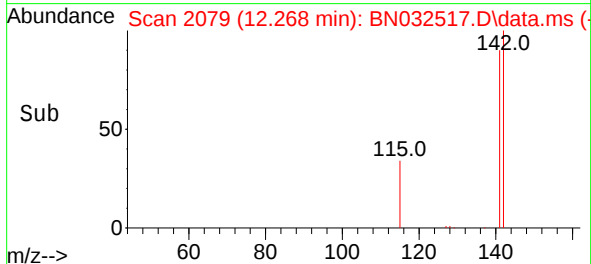
Instrument :
BNA_N
ClientSampleId :
A4CQ9DL



Tgt Ion:142 Resp: 4123
Ion Ratio Lower Upper
142 100
141 92.6 73.4 110.0

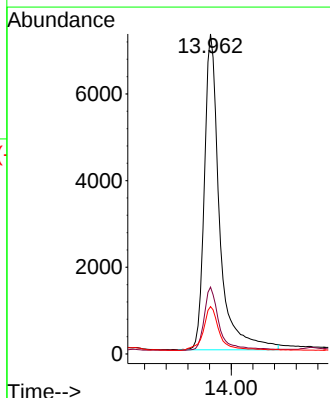
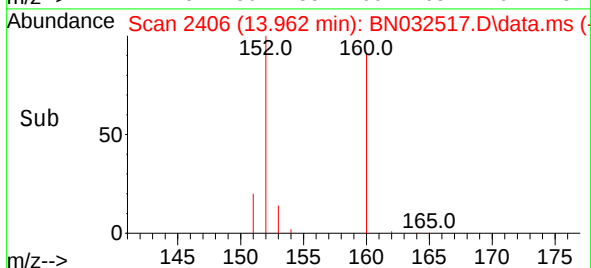
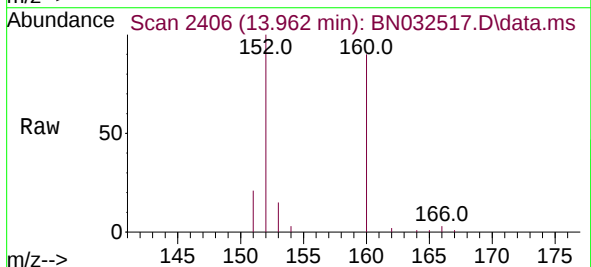
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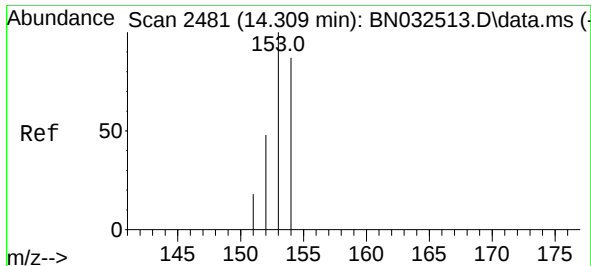
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#10
Acenaphthylene
Concen: 0.413 ng/ul
RT: 13.962 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BN032517.D
Acq: 05 Jul 2024 20:42

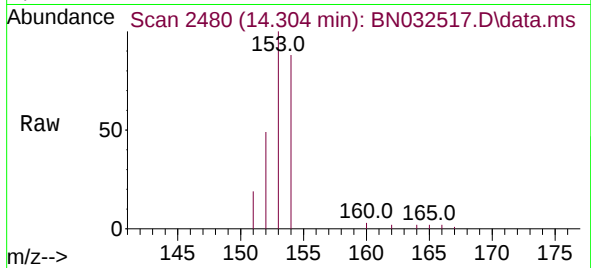
Tgt Ion:152 Resp: 14210
Ion Ratio Lower Upper
152 100
151 20.9 15.7 23.5
153 14.8 10.9 16.3





#11
Acenaphthene
Concen: 0.389 ng/ul
RT: 14.304 min Scan# 2481
Delta R.T. -0.009 min
Lab File: BN032517.D
Acq: 05 Jul 2024 20:42

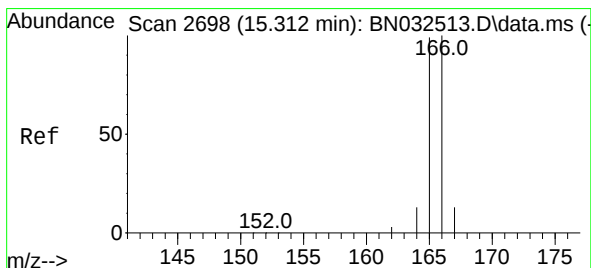
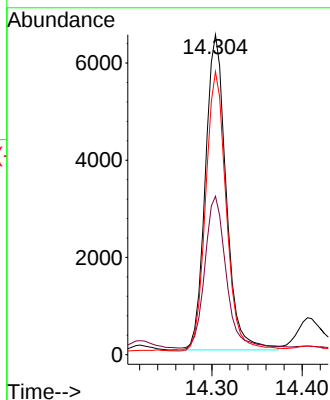
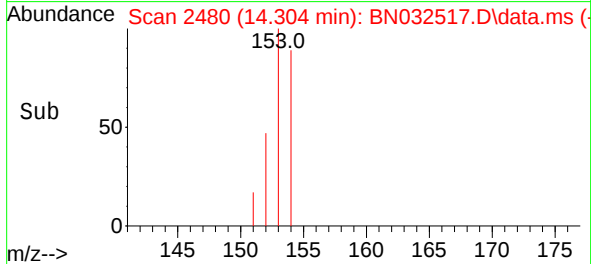
Instrument :
BNA_N
ClientSampleId :
A4CQ9DL



Tgt Ion:153 Resp: 1038
Ion Ratio Lower Upper
153 100
152 49.5 39.5 59.3
154 88.5 71.7 107.5

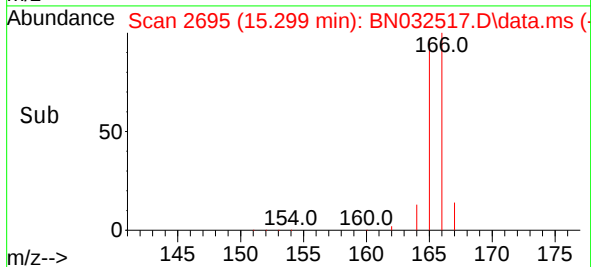
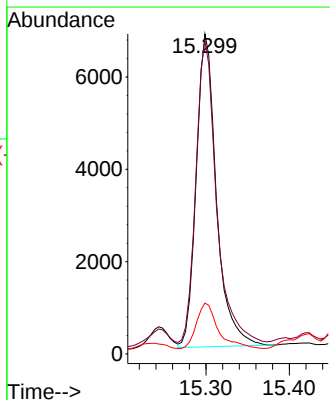
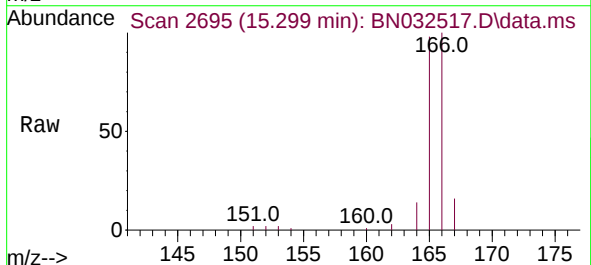
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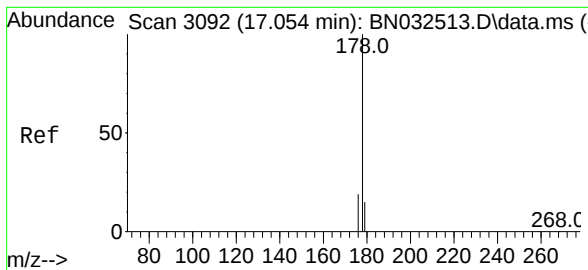
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#12
Fluorene
Concen: 0.360 ng/ul
RT: 15.299 min Scan# 2695
Delta R.T. -0.014 min
Lab File: BN032517.D
Acq: 05 Jul 2024 20:42

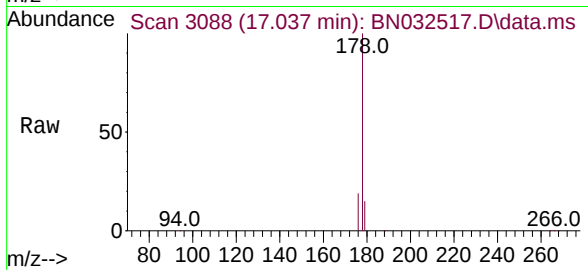
Tgt Ion:166 Resp: 11448
Ion Ratio Lower Upper
166 100
165 97.8 79.0 118.6
167 15.9 11.0 16.6





#15
Phenanthrene
Concen: 4.963 ng/ul
RT: 17.037 min Scan# 3092
Delta R.T. -0.013 min
Lab File: BN032517.D
Acq: 05 Jul 2024 20:42

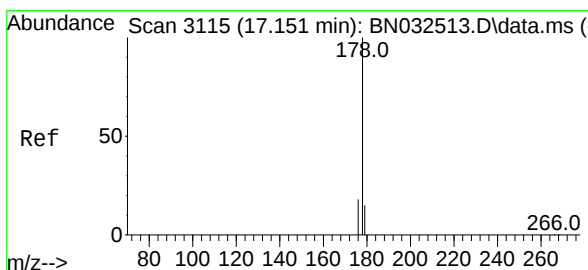
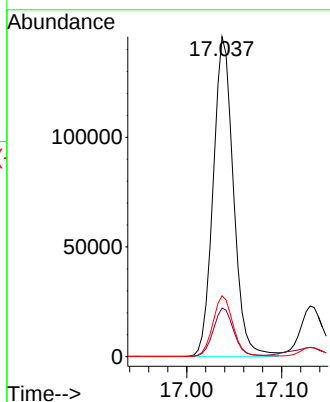
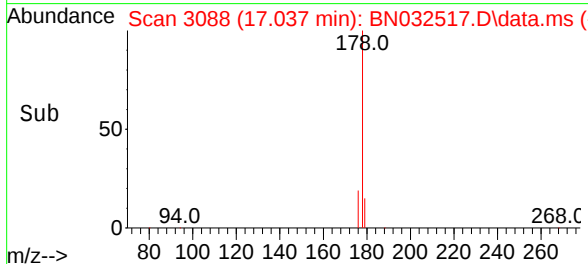
Instrument :
BNA_N
ClientSampleId :
A4CQ9DL



Tgt Ion:178 Resp: 216274
Ion Ratio Lower Upper
178 100
179 15.2 12.6 18.8
176 19.1 15.6 23.4

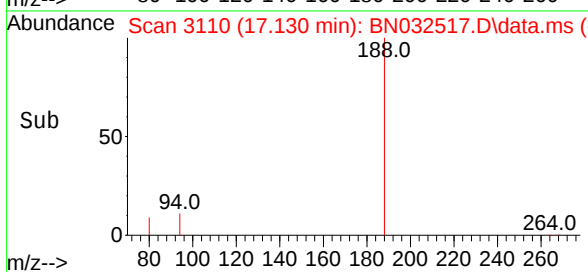
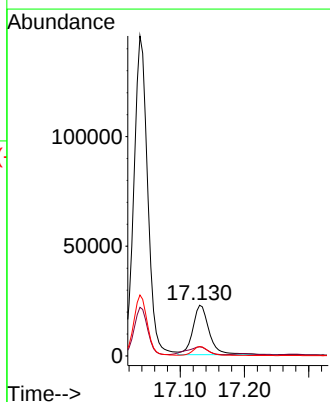
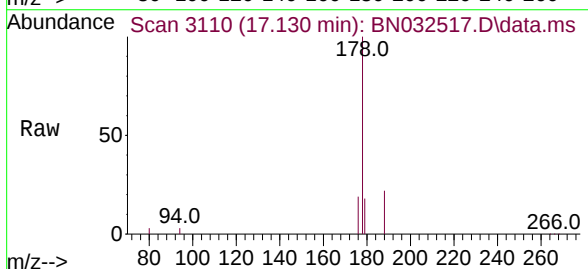
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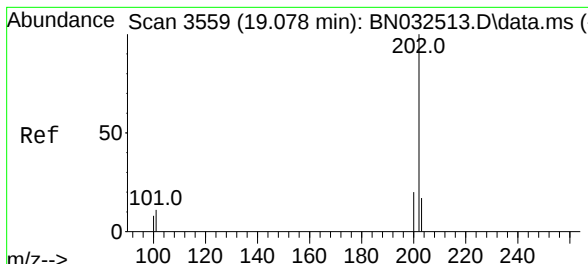
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#16
Anthracene
Concen: 1.037 ng/ul
RT: 17.130 min Scan# 3110
Delta R.T. -0.013 min
Lab File: BN032517.D
Acq: 05 Jul 2024 20:42

Tgt Ion:178 Resp: 40305
Ion Ratio Lower Upper
178 100
179 17.9 12.5 18.7
176 18.7 15.0 22.6



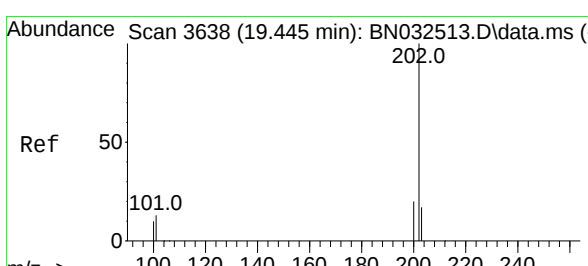
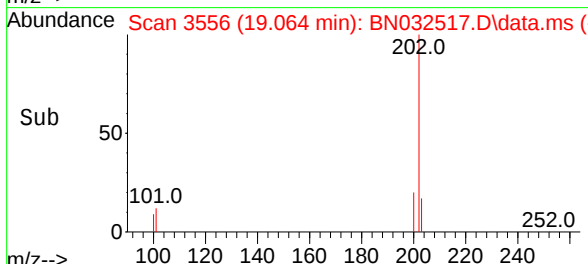
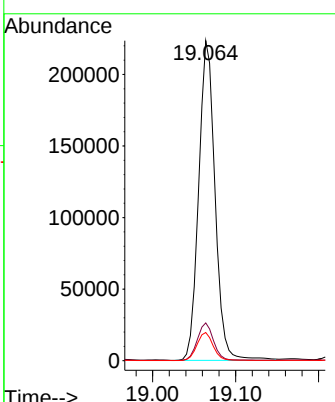
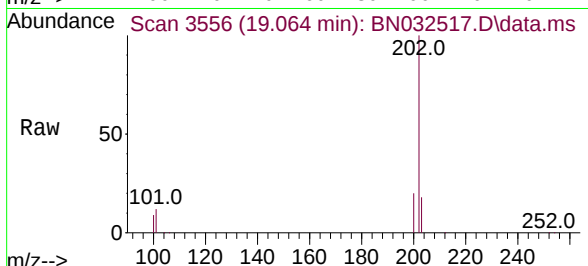


#19
 Fluoranthene
 Concen: 5.209 ng/ul
 RT: 19.064 min Scan# 3556
 Delta R.T. -0.009 min
 Lab File: BN032517.D
 Acq: 05 Jul 2024 20:42

Instrument : BNA_N
 ClientSampleId : A4CQ9DL

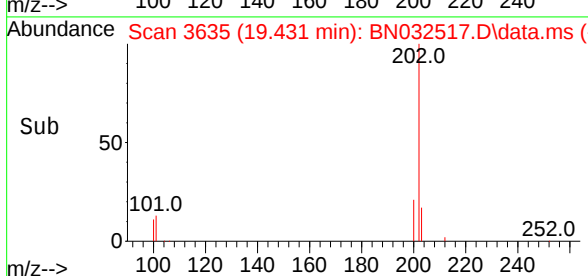
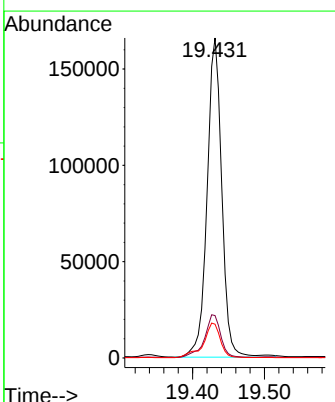
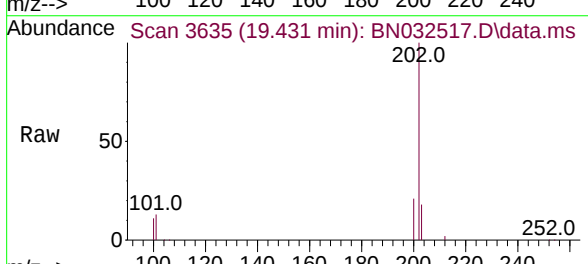
Tgt Ion:202	Resp: 30709
Ion Ratio	Lower Upper
202 100	
101 11.8	8.8 13.2
100 8.8	6.4 9.6

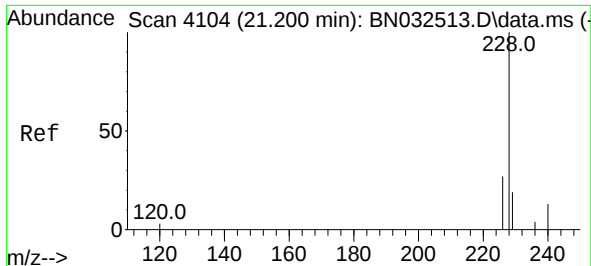
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024



#20
 Pyrene
 Concen: 3.807 ng/ul
 RT: 19.431 min Scan# 3635
 Delta R.T. -0.009 min
 Lab File: BN032517.D
 Acq: 05 Jul 2024 20:42

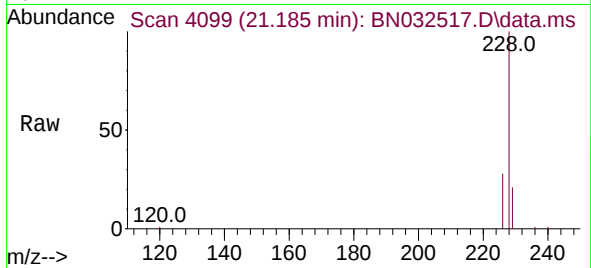
Tgt Ion:202	Resp: 234529
Ion Ratio	Lower Upper
202 100	
101 13.3	11.0 16.4
100 10.6	8.7 13.1





#21
Benzo(a)anthracene
Concen: 2.590 ng/ul
RT: 21.185 min Scan# 4099
Delta R.T. -0.006 min
Lab File: BN032517.D
Acq: 05 Jul 2024 20:42

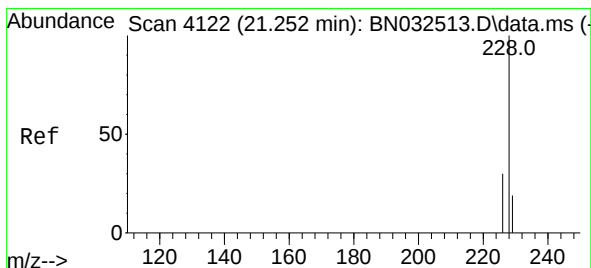
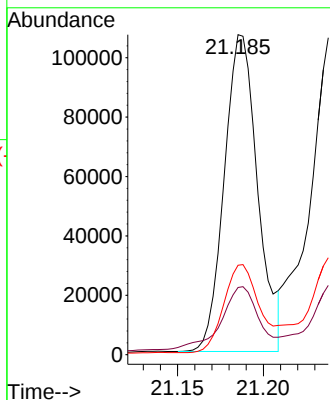
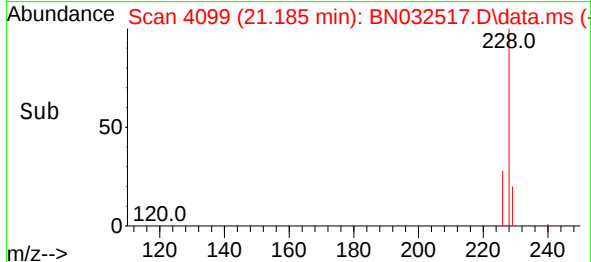
Instrument :
BNA_N
ClientSampleId :
A4CQ9DL



Tgt Ion:228 Resp: 144715
Ion Ratio Lower Upper
228 100
229 21.0 15.7 23.5
226 27.9 21.8 32.8

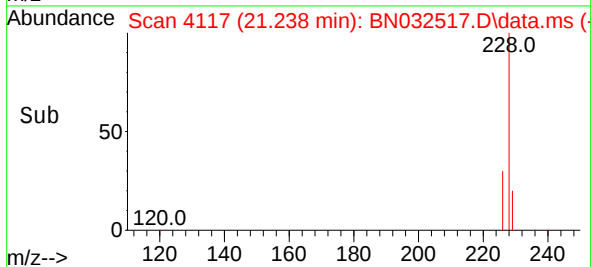
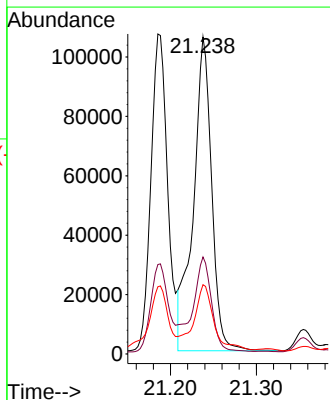
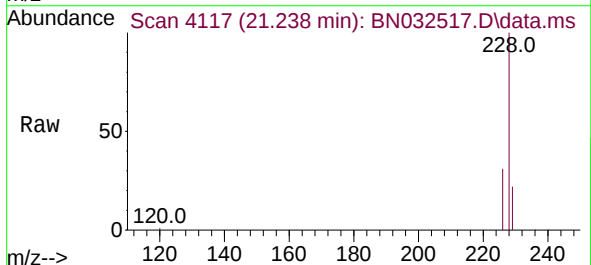
Manual Integrations
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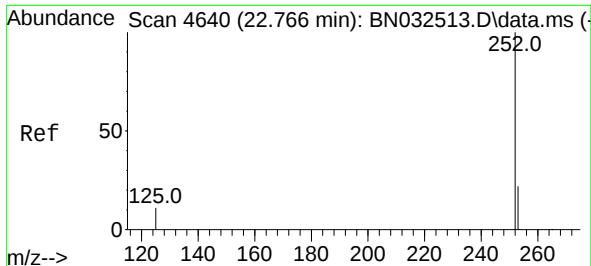
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#22
Chrysene
Concen: 2.555 ng/ul
RT: 21.238 min Scan# 4117
Delta R.T. -0.006 min
Lab File: BN032517.D
Acq: 05 Jul 2024 20:42

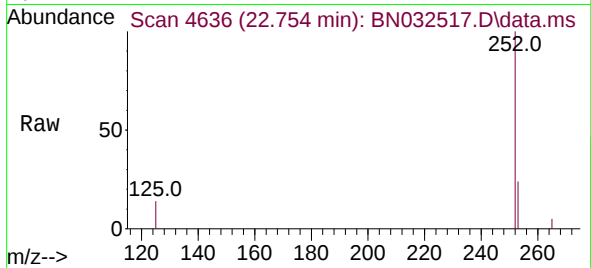
Tgt Ion:228 Resp: 156712
Ion Ratio Lower Upper
228 100
226 30.6 23.6 35.4
229 21.9 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.550 ng/ul m
RT: 22.754 min Scan# 4636
Delta R.T. -0.003 min
Lab File: BN032517.D
Acq: 05 Jul 2024 20:42

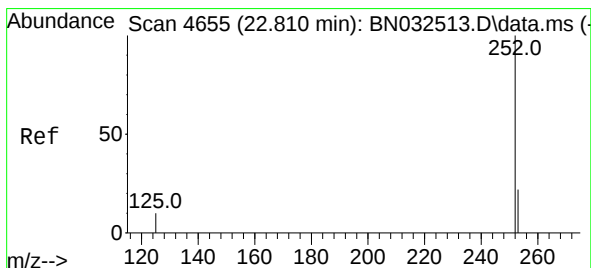
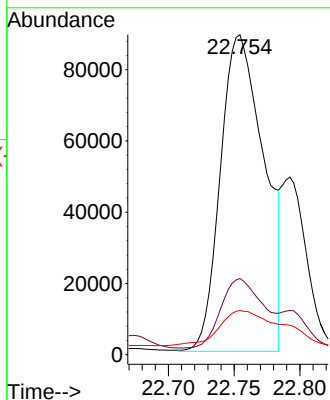
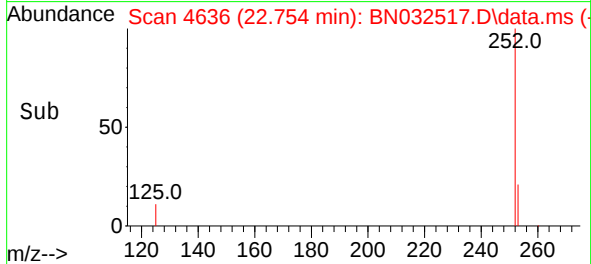
Instrument :
BNA_N
ClientSampleId :
A4CQ9DL



Tgt Ion:252 Resp: 20556
Ion Ratio Lower Upper
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253 23.8 0.0 50.2
125 13.8 0.0 32.0

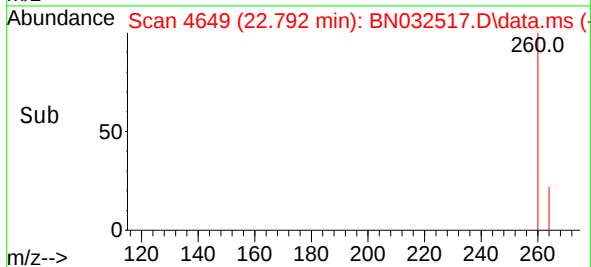
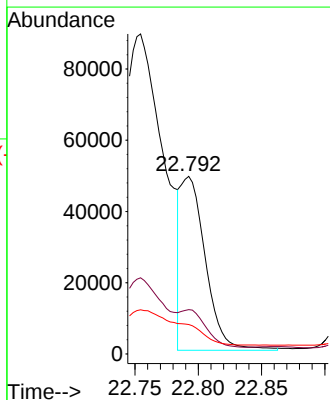
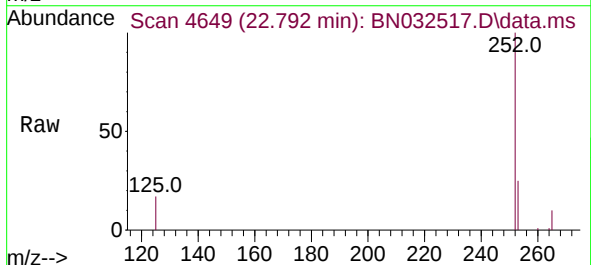
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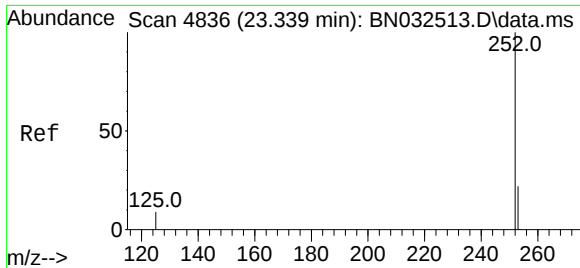
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#25
Benzo(k)fluoranthene
Concen: 0.849 ng/ul m
RT: 22.792 min Scan# 4649
Delta R.T. -0.009 min
Lab File: BN032517.D
Acq: 05 Jul 2024 20:42

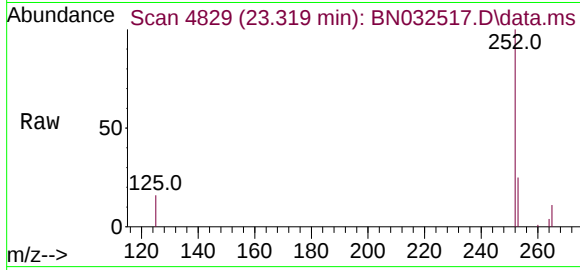
Tgt Ion:252 Resp: 66505
Ion Ratio Lower Upper
252 100
253 25.0 20.3 30.5
125 16.5 12.8 19.2





#26
Benzo(a)pyrene
Concen: 1.528 ng/ul
RT: 23.319 min Scan# 4829
Delta R.T. -0.009 min
Lab File: BN032517.D
Acq: 05 Jul 2024 20:42

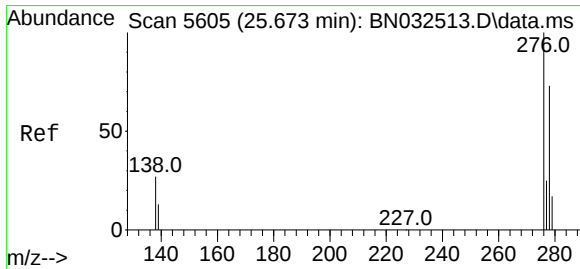
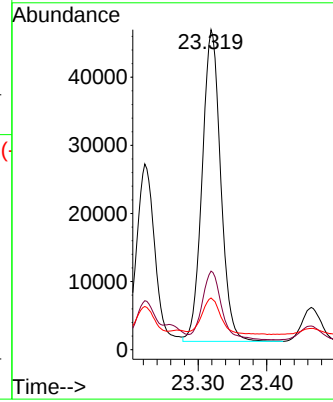
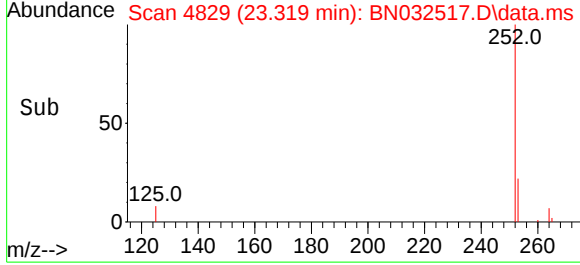
Instrument :
BNA_N
ClientSampleId :
A4CQ9DL



Tgt Ion:252 Resp: 8570
Ion Ratio Lower Upper
252 100
253 24.6 22.2 33.2
125 16.1 16.4 24.6

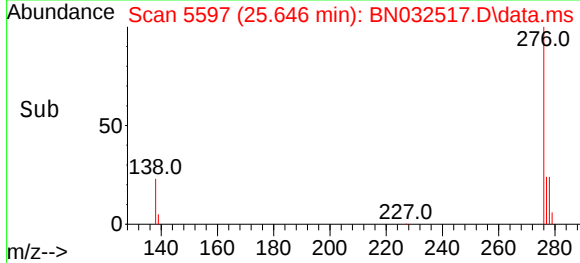
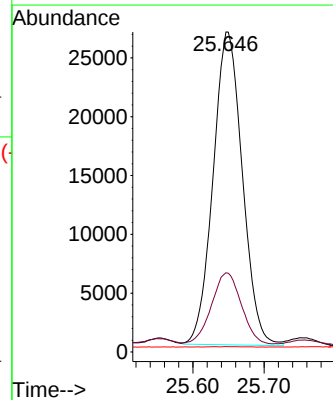
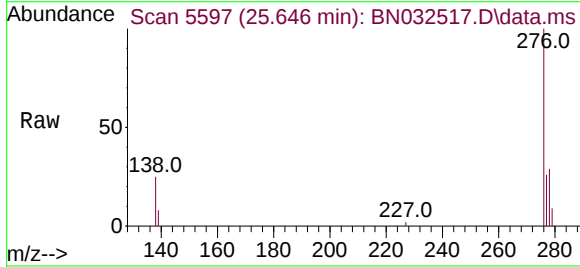
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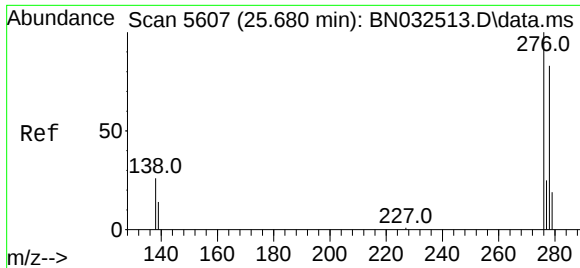
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.865 ng/ul
RT: 25.646 min Scan# 5597
Delta R.T. -0.013 min
Lab File: BN032517.D
Acq: 05 Jul 2024 20:42

Tgt Ion:276 Resp: 75967
Ion Ratio Lower Upper
276 100
138 23.2 21.3 31.9
227 0.1 0.1 0.1





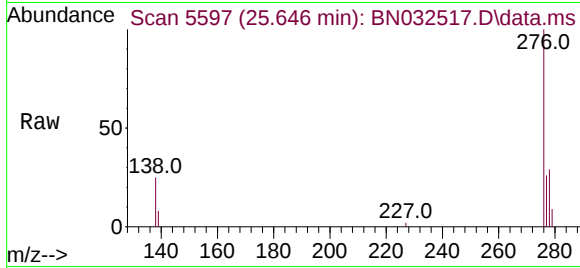
#28
 Dibenzo(a,h)anthracene
 Concen: 0.394 ng/ul
 RT: 25.646 min Scan# 51
 Delta R.T. -0.020 min
 Lab File: BN032517.D
 Acq: 05 Jul 2024 20:42

Instrument :

BNA_N

ClientSampleId :

A4CQ9DL



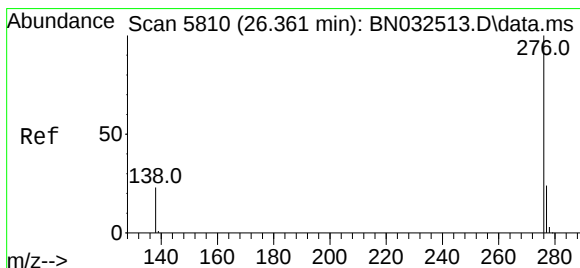
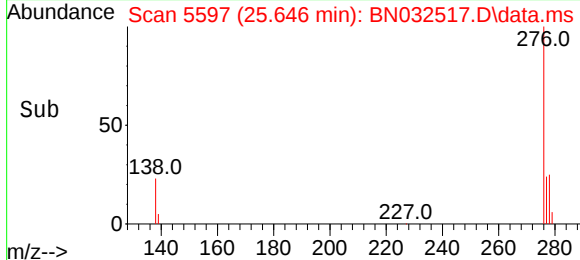
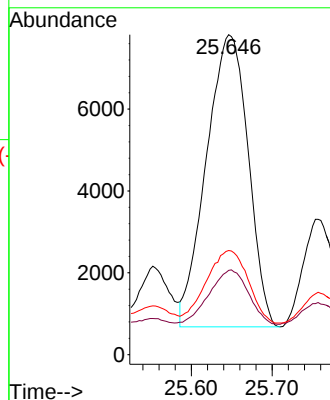
Tgt Ion:278 Resp: 2569
 Ion Ratio Lower Upper
 278 100
 139 26.3 15.9 23.9#
 279 32.5 21.1 31.7#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#29
 Benzo(g,h,i)perylene
 Concen: 0.156 ng/ul
 RT: 26.337 min Scan# 5803
 Delta R.T. -0.007 min
 Lab File: BN032517.D
 Acq: 05 Jul 2024 20:42

Tgt Ion:276 Resp: 10897
 Ion Ratio Lower Upper
 276 100
 138 36.3 19.8 29.6#
 277 35.2 19.8 29.6#

