

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032454.D
 Acq On : 04 Jul 2024 01:59
 Operator : MA/JU
 Sample : P2963-05DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ6DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 04 02:25:19 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	7.599	152	6956	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	21056	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.248	164	11741	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	21193	0.400	ng/ul	0.00
17) Chrysene-d12	21.206	240	15504	0.400	ng/ul	# 0.00
23) Perylene-d12	23.421	264	19265	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	6408	0.829	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	1808	0.057	ng/ul	0.00
18) Fluoranthene-d10	19.036	212	3180	0.068	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.426	128	16838	0.302	ng/ul	99
7) 2-Methylnaphthalene	12.048	142	6620	0.179	ng/ul	97
8) 1-Methylnaphthalene	12.274	142	4511	0.118	ng/ul	98
10) Acenaphthylene	13.966	152	25441	0.521	ng/ul	98
11) Acenaphthene	14.309	153	10195	0.269	ng/ul	98
12) Fluorene	15.303	166	12329	0.273	ng/ul#	99
14) Pentachlorophenol	16.670	266	97	0.020	ng/ul	96
15) Phenanthrene	17.041	178	241943	4.164	ng/ul	99
16) Anthracene	17.134	178	55355	1.068	ng/ul	99
19) Fluoranthene	19.069	202	408045	6.912	ng/ul	98
20) Pyrene	19.436	202	305437	4.951	ng/ul	98
21) Benzo(a)anthracene	21.188	228	204507	3.655	ng/ul	97
22) Chrysene	21.241	228	216727	3.529	ng/ul	97
24) Benzo(b)fluoranthene	22.754	252	294186m	3.515	ng/ul	
25) Benzo(k)fluoranthene	22.795	252	108925m	1.339	ng/ul	
26) Benzo(a)pyrene	23.322	252	116524	2.001	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.653	276	117500	1.289	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.656	278	42263	0.624	ng/ul#	84
29) Benzo(g,h,i)perylene	26.344	276	17305	0.238	ng/ul#	78

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

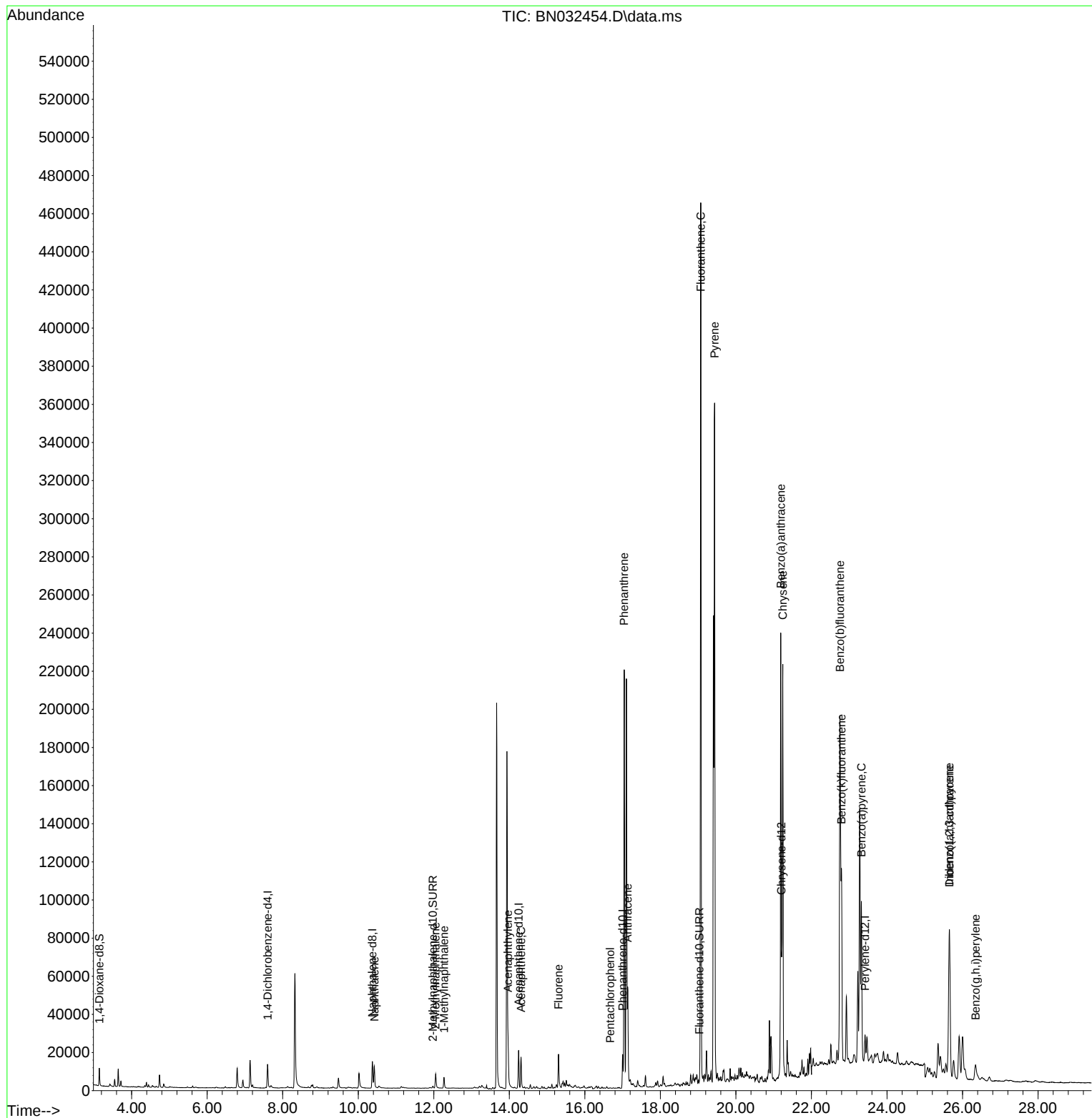
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032454.D
Acq On : 04 Jul 2024 01:59
Operator : MA/JU
Sample : P2963-05DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

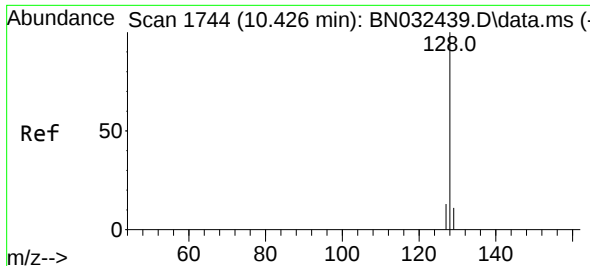
Instrument :
BNA_N
ClientSampleId :
A4CQ6DL

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Supervised By :mohammad ahmed 07/05/2024

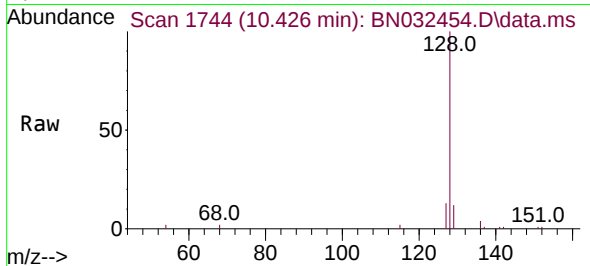
Quant Time: Jul 04 02:25:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.302 ng/ul
RT: 10.426 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BN032454.D
Acq: 04 Jul 2024 01:59

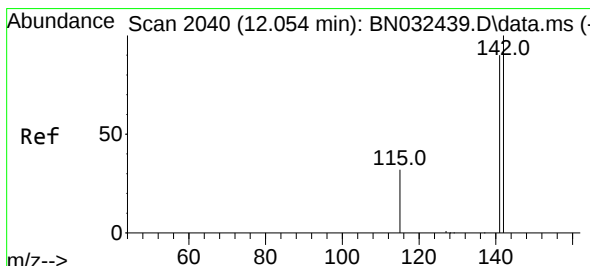
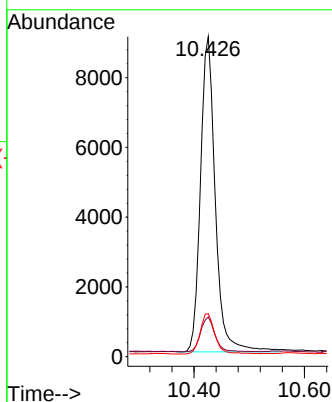
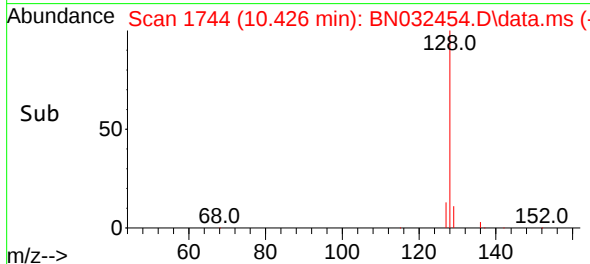
Instrument :
BNA_N
ClientSampleId :
A4CQ6DL



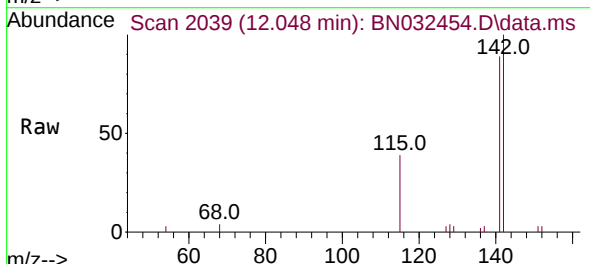
Tgt Ion:128 Resp: 16838
Ion Ratio Lower Upper
128 100
129 12.4 9.2 13.8
127 13.5 10.8 16.2

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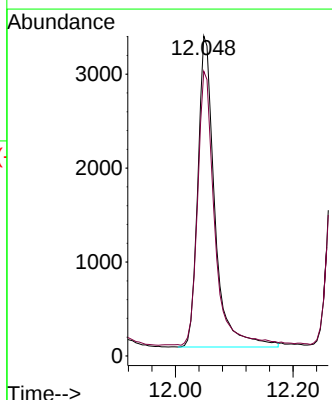
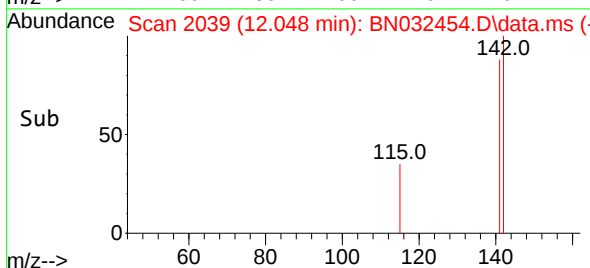
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

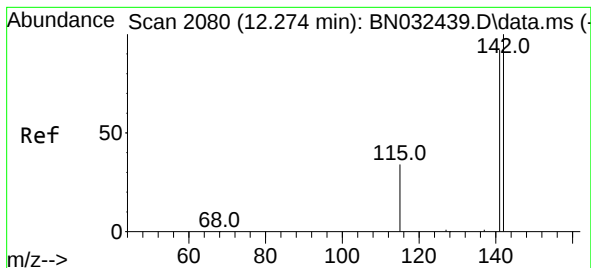


#7
2-Methylnaphthalene
Concen: 0.179 ng/ul
RT: 12.048 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BN032454.D
Acq: 04 Jul 2024 01:59



Tgt Ion:142 Resp: 6620
Ion Ratio Lower Upper
142 100
141 87.7 72.2 108.2





#8

1-Methylnaphthalene

Concen: 0.118 ng/ul

RT: 12.274 min Scan# 2080

Delta R.T. -0.000 min

Lab File: BN032454.D

Acq: 04 Jul 2024 01:59

Instrument :

BNA_N

ClientSampleId :

A4CQ6DL

Tgt Ion:142 Resp: 451

Ion Ratio Lower Upper

142 100

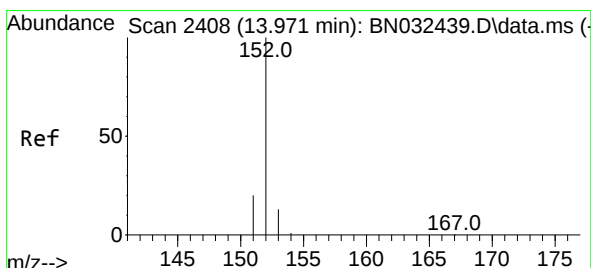
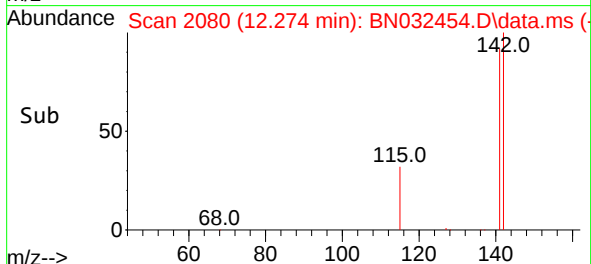
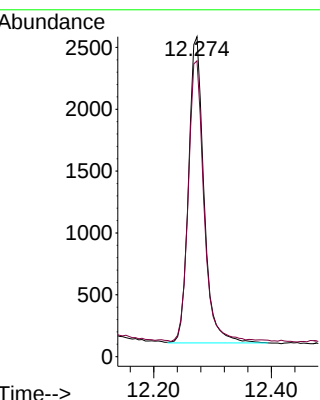
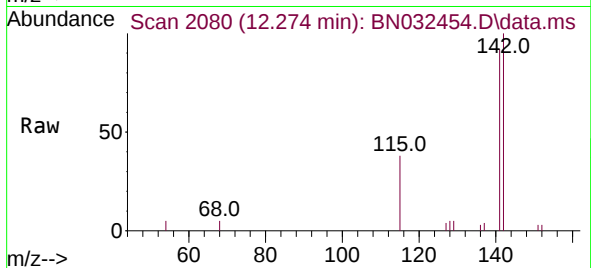
141 93.4 73.4 110.0

Manual Integrations

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Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#10

Acenaphthylene

Concen: 0.521 ng/ul

RT: 13.966 min Scan# 2407

Delta R.T. -0.005 min

Lab File: BN032454.D

Acq: 04 Jul 2024 01:59

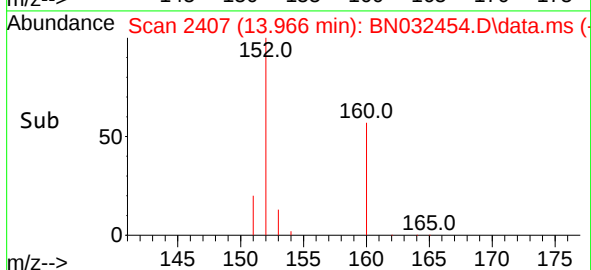
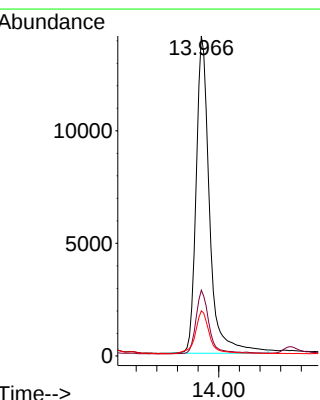
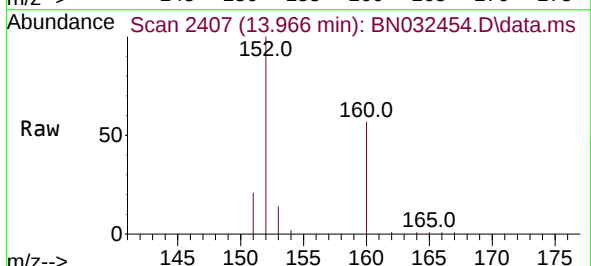
Tgt Ion:152 Resp: 25441

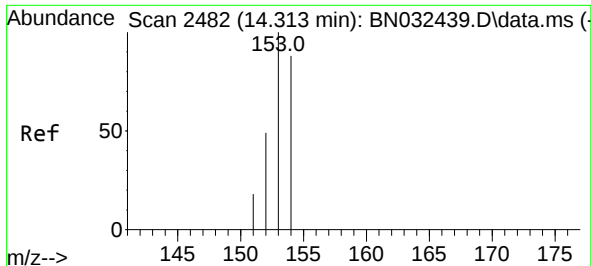
Ion Ratio Lower Upper

152 100

151 20.6 15.7 23.5

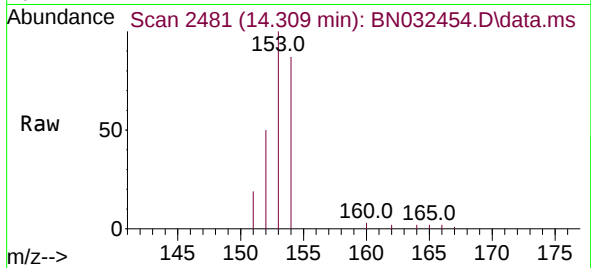
153 14.1 10.9 16.3





#11
Acenaphthene
Concen: 0.269 ng/ul
RT: 14.309 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BN032454.D
Acq: 04 Jul 2024 01:59

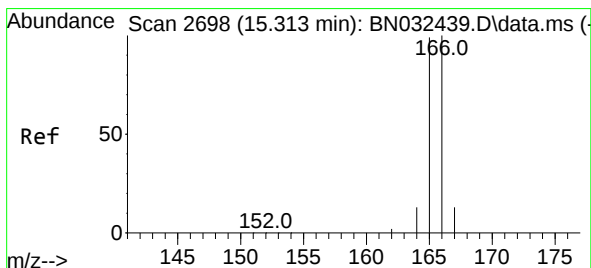
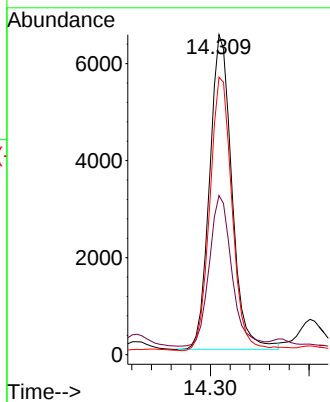
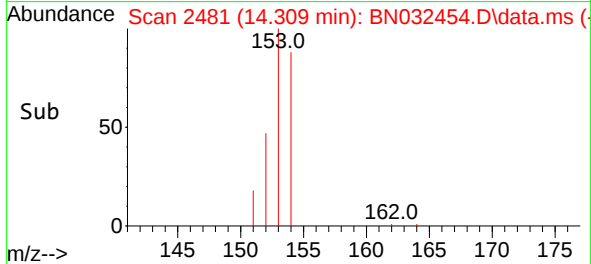
Instrument :
BNA_N
ClientSampleId :
A4CQ6DL



Tgt Ion:153 Resp: 1019
Ion Ratio Lower Upper
153 100
152 49.8 39.5 59.3
154 86.7 71.7 107.5

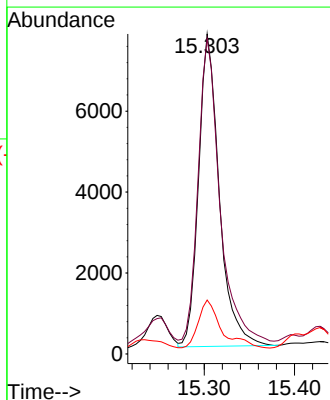
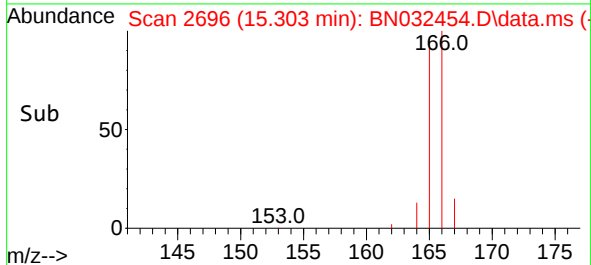
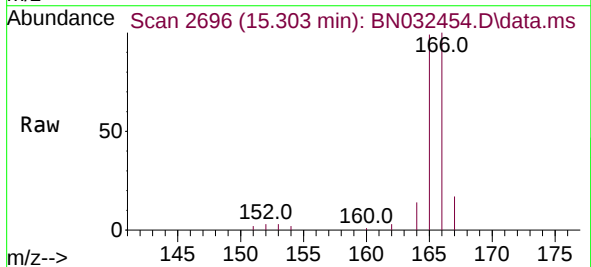
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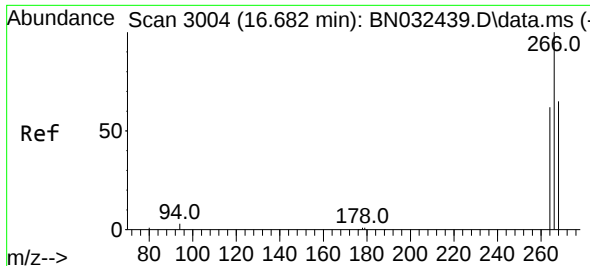
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
Fluorene
Concen: 0.273 ng/ul
RT: 15.303 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BN032454.D
Acq: 04 Jul 2024 01:59

Tgt Ion:166 Resp: 12329
Ion Ratio Lower Upper
166 100
165 98.6 79.0 118.6
167 16.8 11.0 16.6#





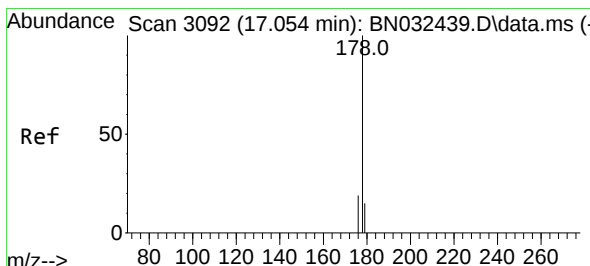
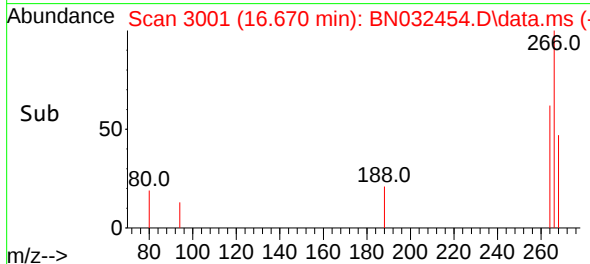
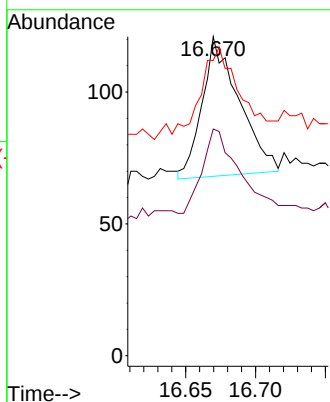
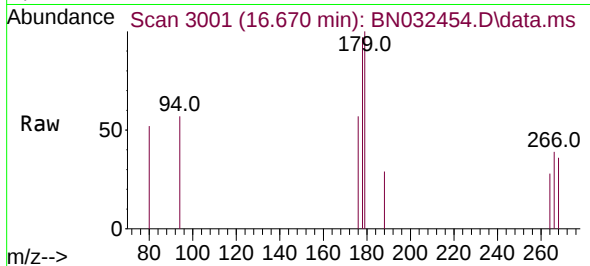
#14
Pentachlorophenol
Concen: 0.020 ng/ul
RT: 16.670 min Scan# 3001
Delta R.T. -0.004 min
Lab File: BN032454.D
Acq: 04 Jul 2024 01:59

Instrument :
BNA_N
ClientSampleId :
A4CQ6DL

Tgt Ion:266 Resp: 97
Ion Ratio Lower Upper
266 100
264 67.0 49.9 74.9
268 63.9 52.4 78.6

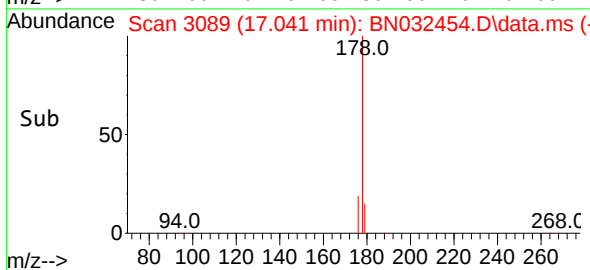
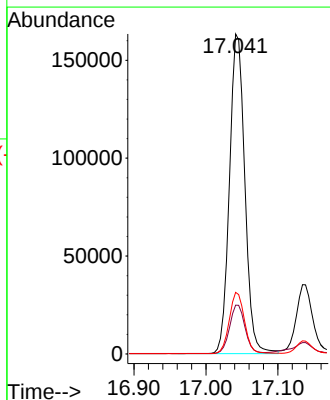
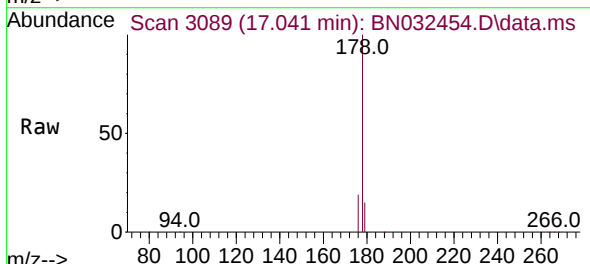
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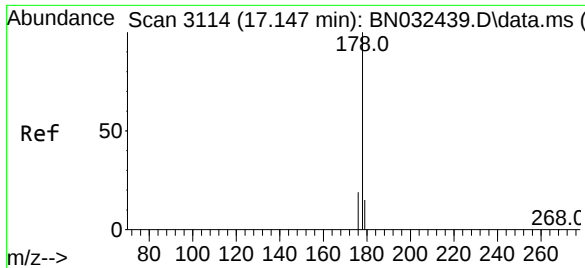
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#15
Phenanthrene
Concen: 4.164 ng/ul
RT: 17.041 min Scan# 3089
Delta R.T. -0.008 min
Lab File: BN032454.D
Acq: 04 Jul 2024 01:59

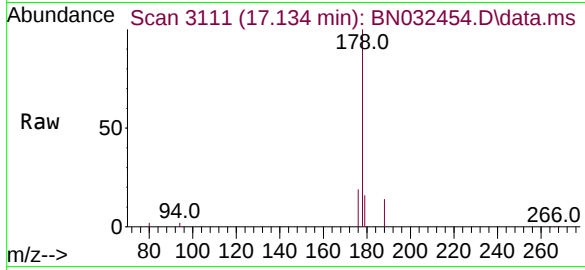
Tgt Ion:178 Resp: 241943
Ion Ratio Lower Upper
178 100
179 15.2 12.6 18.8
176 19.2 15.6 23.4





#16
Anthracene
Concen: 1.068 ng/ul
RT: 17.134 min Scan# 3111
Delta R.T. -0.008 min
Lab File: BN032454.D
Acq: 04 Jul 2024 01:59

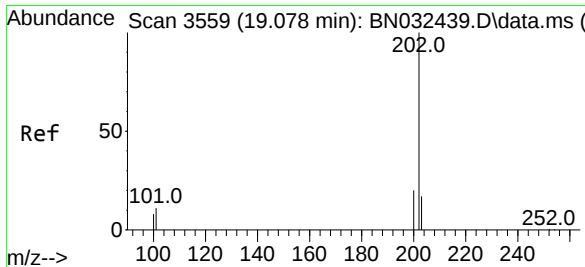
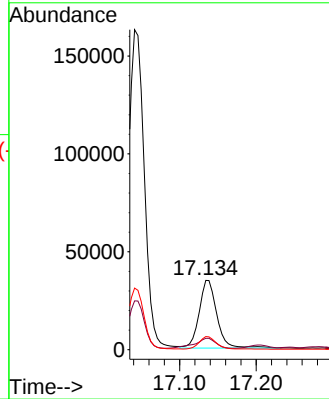
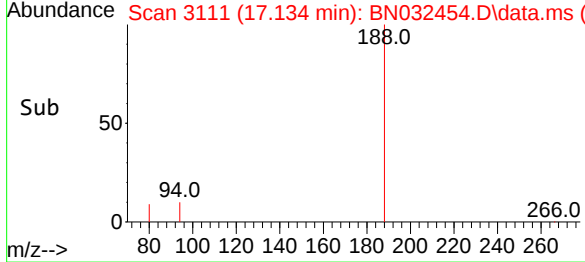
Instrument :
BNA_N
ClientSampleId :
A4CQ6DL



Tgt Ion:178 Resp: 55358
Ion Ratio Lower Upper
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179 16.4 12.5 18.7
176 18.8 15.0 22.6

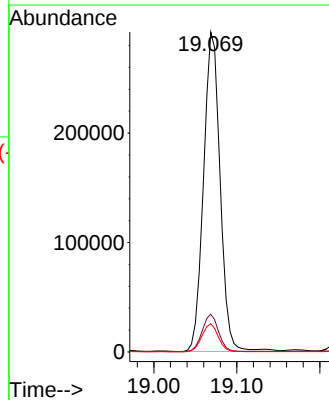
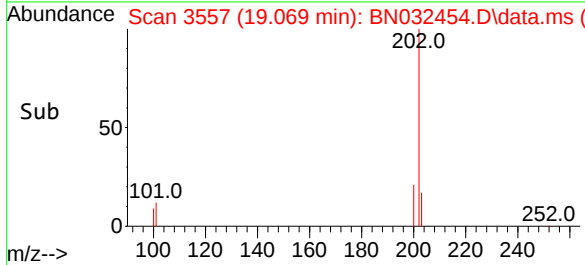
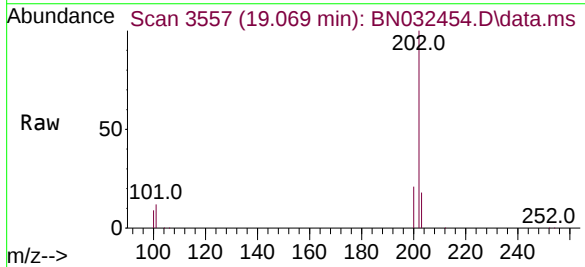
Manual Integrations
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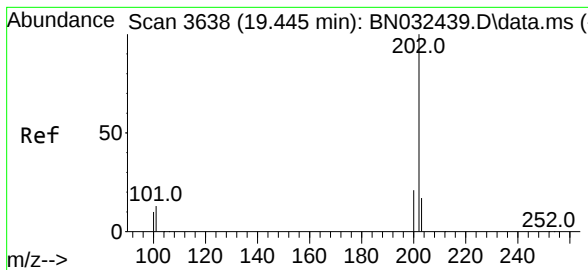
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#19
Fluoranthene
Concen: 6.912 ng/ul
RT: 19.069 min Scan# 3557
Delta R.T. -0.005 min
Lab File: BN032454.D
Acq: 04 Jul 2024 01:59

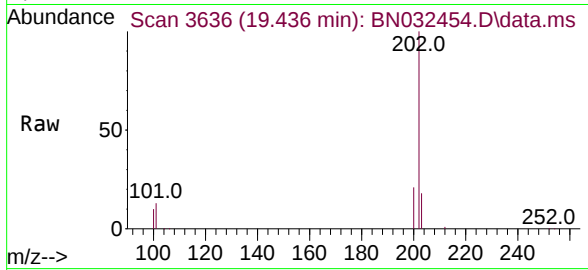
Tgt Ion:202 Resp: 408045
Ion Ratio Lower Upper
202 100
101 11.8 8.8 13.2
100 8.8 6.4 9.6





#20
Pyrene
Concen: 4.951 ng/ul
RT: 19.436 min Scan# 30543
Delta R.T. -0.005 min
Lab File: BN032454.D
Acq: 04 Jul 2024 01:59

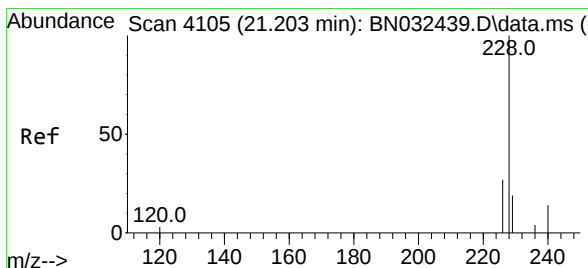
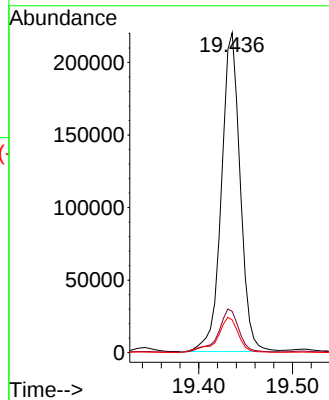
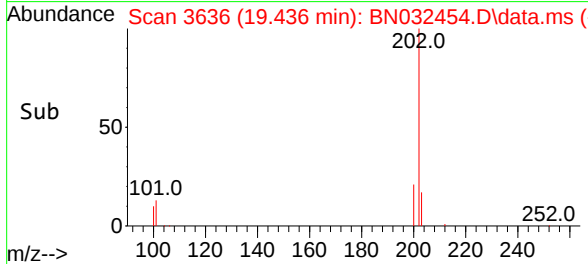
Instrument :
BNA_N
ClientSampleId :
A4CQ6DL



Tgt Ion:202 Resp: 30543
Ion Ratio Lower Upper
202 100
101 12.9 11.0 16.4
100 10.3 8.7 13.1

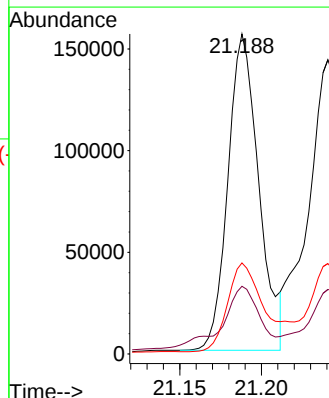
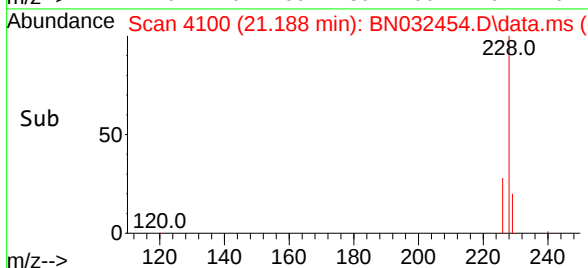
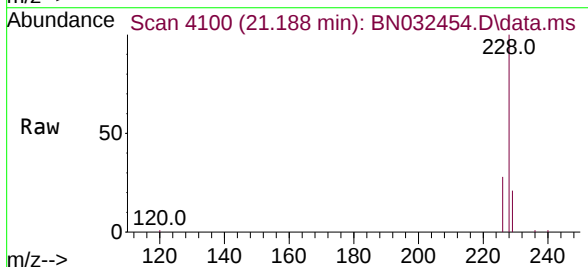
Manual Integrations
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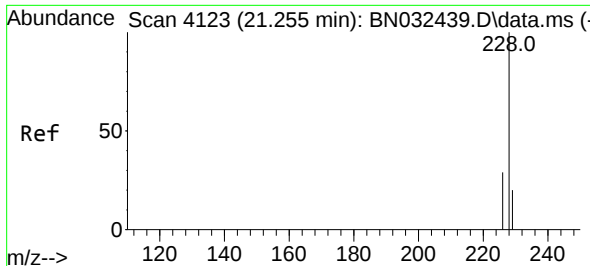
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#21
Benzo(a)anthracene
Concen: 3.655 ng/ul
RT: 21.188 min Scan# 4100
Delta R.T. -0.003 min
Lab File: BN032454.D
Acq: 04 Jul 2024 01:59

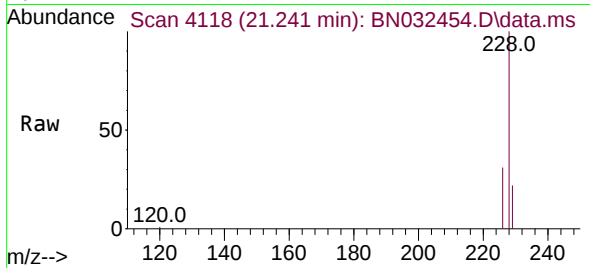
Tgt Ion:228 Resp: 204507
Ion Ratio Lower Upper
228 100
229 21.2 15.7 23.5
226 28.5 21.8 32.8





#22
Chrysene
Concen: 3.529 ng/ul
RT: 21.241 min Scan# 4118
Delta R.T. -0.003 min
Lab File: BN032454.D
Acq: 04 Jul 2024 01:59

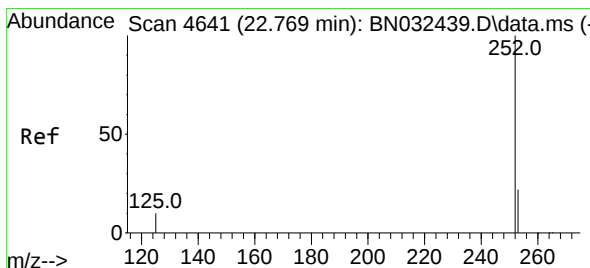
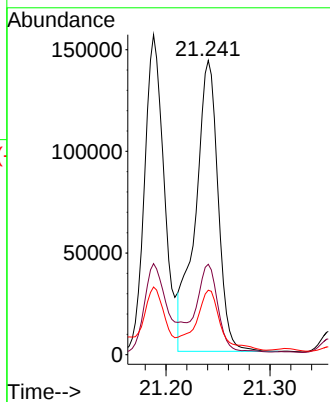
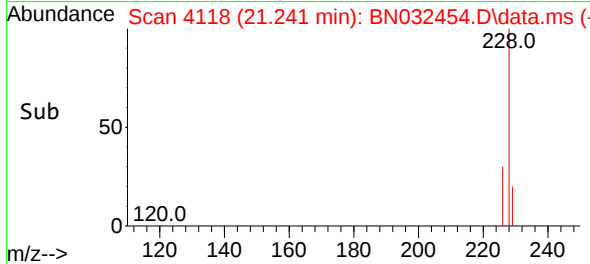
Instrument :
BNA_N
ClientSampleId :
A4CQ6DL



Tgt Ion:228 Resp: 21672
Ion Ratio Lower Upper
228 100
226 30.7 23.6 35.4
229 21.9 15.7 23.5

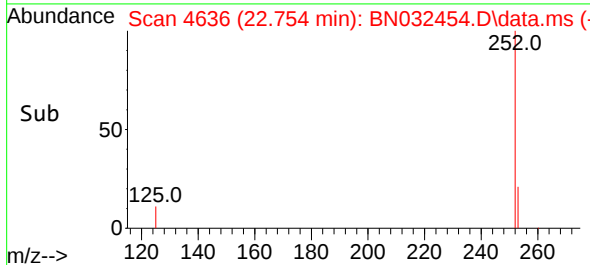
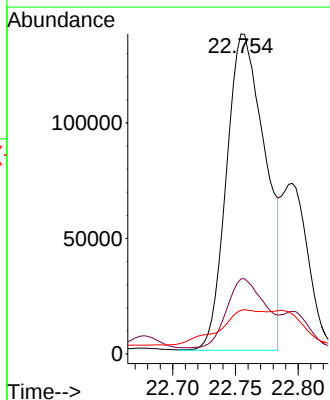
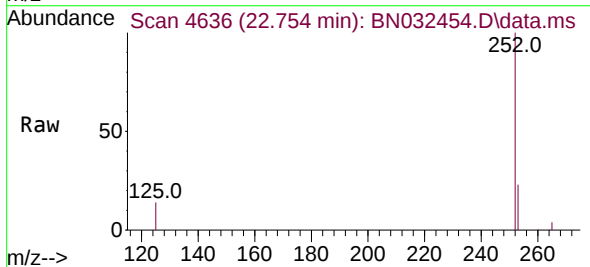
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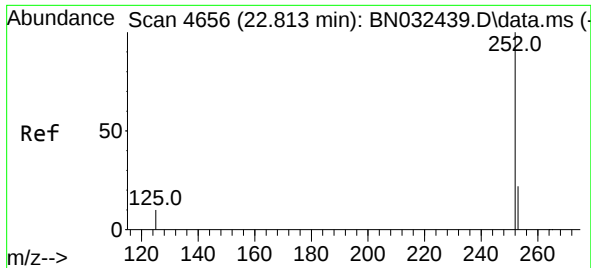
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#24
Benzo(b)fluoranthene
Concen: 3.515 ng/ul m
RT: 22.754 min Scan# 4636
Delta R.T. -0.003 min
Lab File: BN032454.D
Acq: 04 Jul 2024 01:59

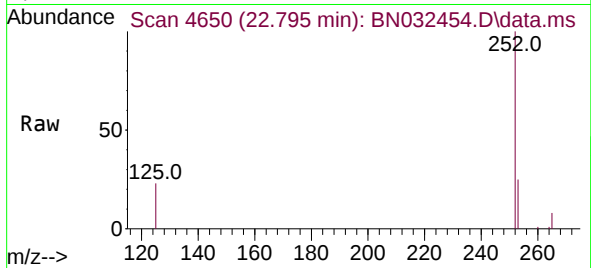
Tgt Ion:252 Resp: 294186
Ion Ratio Lower Upper
252 100
253 23.4 0.0 50.2
125 13.6 0.0 32.0





#25
Benzo(k)fluoranthene
Concen: 1.339 ng/ul m
RT: 22.795 min Scan# 4650
Delta R.T. -0.006 min
Lab File: BN032454.D
Acq: 04 Jul 2024 01:59

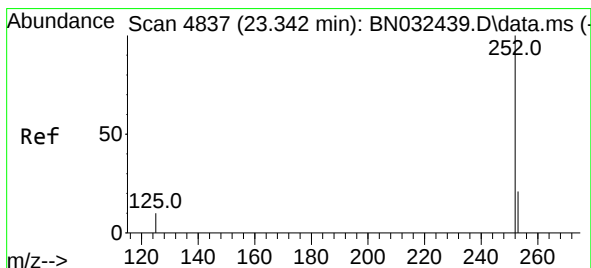
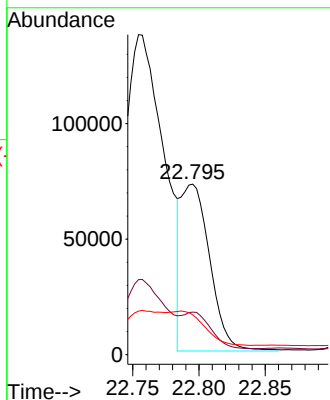
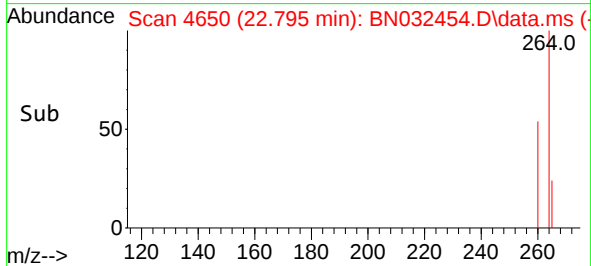
Instrument :
BNA_N
ClientSampleId :
A4CQ6DL



Tgt Ion:252 Resp: 108925
Ion Ratio Lower Upper
252 100
253 25.0 20.3 30.5
125 23.3 12.8 19.2

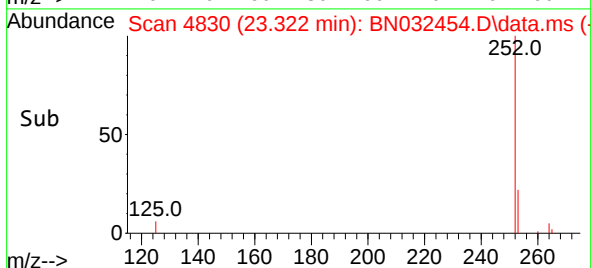
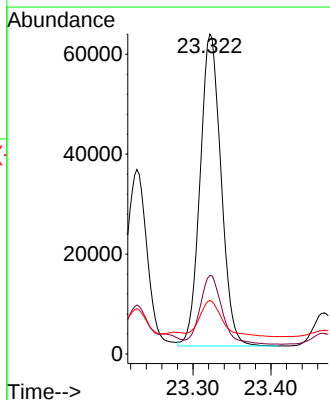
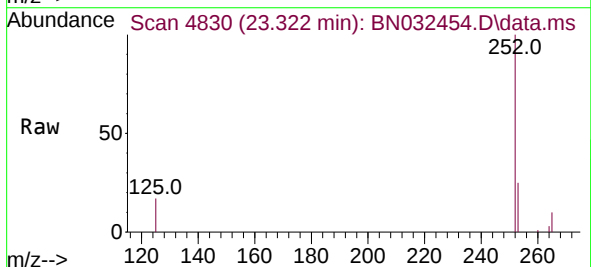
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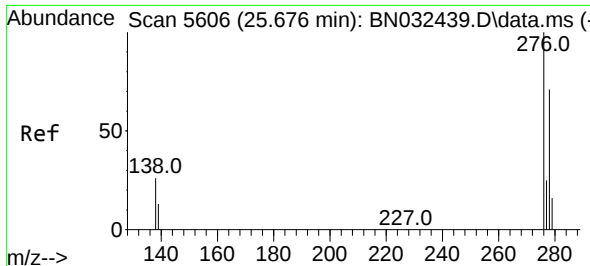
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#26
Benzo(a)pyrene
Concen: 2.001 ng/ul
RT: 23.322 min Scan# 4830
Delta R.T. -0.006 min
Lab File: BN032454.D
Acq: 04 Jul 2024 01:59

Tgt Ion:252 Resp: 116524
Ion Ratio Lower Upper
252 100
253 24.6 22.2 33.2
125 16.7 16.4 24.6





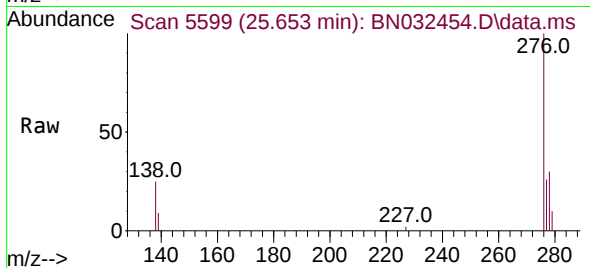
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.289 ng/ul
RT: 25.653 min Scan# 5599
Delta R.T. -0.007 min
Lab File: BN032454.D
Acq: 04 Jul 2024 01:59

Instrument :

BNA_N

ClientSampleId :

A4CQ6DL



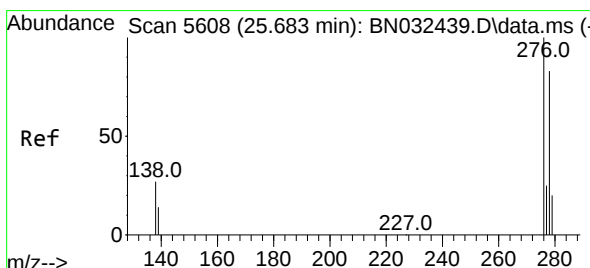
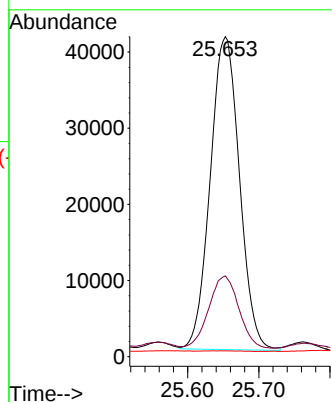
Tgt Ion:276 Resp: 117500
Ion Ratio Lower Upper
276 100
138 23.7 21.3 31.9
227 0.3 0.1 0.1

Manual Integrations

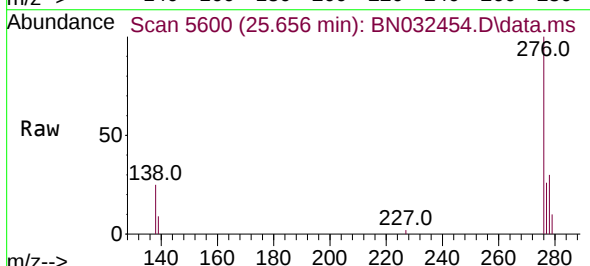
APPROVED

Reviewed By :Yogesh Patel 07/05/2024

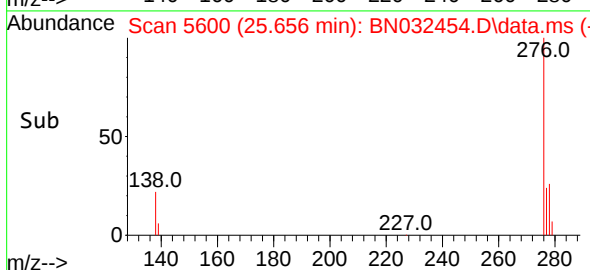
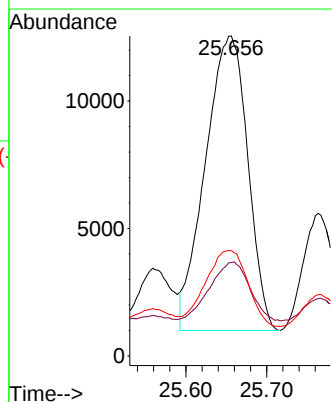
Supervised By :mohammad ahmed 07/05/2024

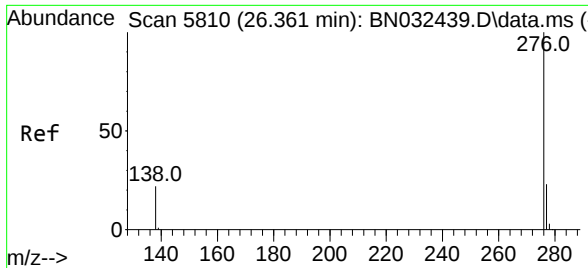


#28
Dibenzo(a,h)anthracene
Concen: 0.624 ng/ul
RT: 25.656 min Scan# 5600
Delta R.T. -0.010 min
Lab File: BN032454.D
Acq: 04 Jul 2024 01:59



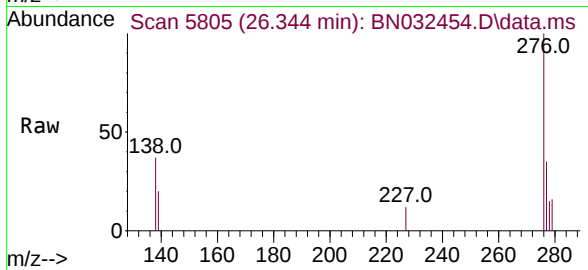
Tgt Ion:278 Resp: 42263
Ion Ratio Lower Upper
278 100
139 29.2 15.9 23.9#
279 32.9 21.1 31.7#





#29
 Benzo(g,h,i)perylene
 Concen: 0.238 ng/ul
 RT: 26.344 min Scan# 5805
 Delta R.T. -0.000 min
 Lab File: BN032454.D
 Acq: 04 Jul 2024 01:59

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ6DL



Tgt Ion:276 Resp: 1730
 Ion Ratio Lower Upper
 276 100
 138 36.5 19.8 29.6
 277 34.8 19.8 29.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

