

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032826.D
 Acq On : 18 Jul 2024 20:26
 Operator : MA/JU
 Sample : P3177-12DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BX5DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 18 23:32:25 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	7.536	152	4048	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.310	136	12438	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.188	164	6722	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.948	188	12116	0.400	ng/ul	-0.02
17) Chrysene-d12	21.162	240	11579	0.400	ng/ul	-0.01
23) Perylene-d12	23.357	264	12683m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	3219	0.662	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.922	152	783	0.042	ng/ul	-0.01
18) Fluoranthene-d10	18.989	212	1603	0.042	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.360	128	8951	0.268	ng/ul	99
7) 2-Methylnaphthalene	11.999	142	3364	0.161	ng/ul	97
8) 1-Methylnaphthalene	12.213	142	2777	0.129	ng/ul	100
10) Acenaphthylene	13.906	152	1147	0.042	ng/ul#	71
11) Acenaphthene	14.248	153	11812	0.526	ng/ul	100
12) Fluorene	15.248	166	9714	0.378	ng/ul	99
15) Phenanthrene	16.986	178	97639	2.959	ng/ul	99
16) Anthracene	17.083	178	13872	0.515	ng/ul#	95
19) Fluoranthene	19.017	202	96043	2.040	ng/ul	99
20) Pyrene	19.384	202	80761	1.657	ng/ul	99
21) Benzo(a)anthracene	21.147	228	31576	0.857	ng/ul	96
22) Chrysene	21.200	228	30257	0.567	ng/ul	97
24) Benzo(b)fluoranthene	22.699	252	37946m	0.848	ng/ul	
25) Benzo(k)fluoranthene	22.737	252	14197m	0.260	ng/ul	
26) Benzo(a)pyrene	23.260	252	26082	0.673	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.569	276	16628	0.317	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.566	278	3566	0.088	ng/ul#	47
29) Benzo(g,h,i)perylene	26.246	276	15441	0.352	ng/ul	94

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

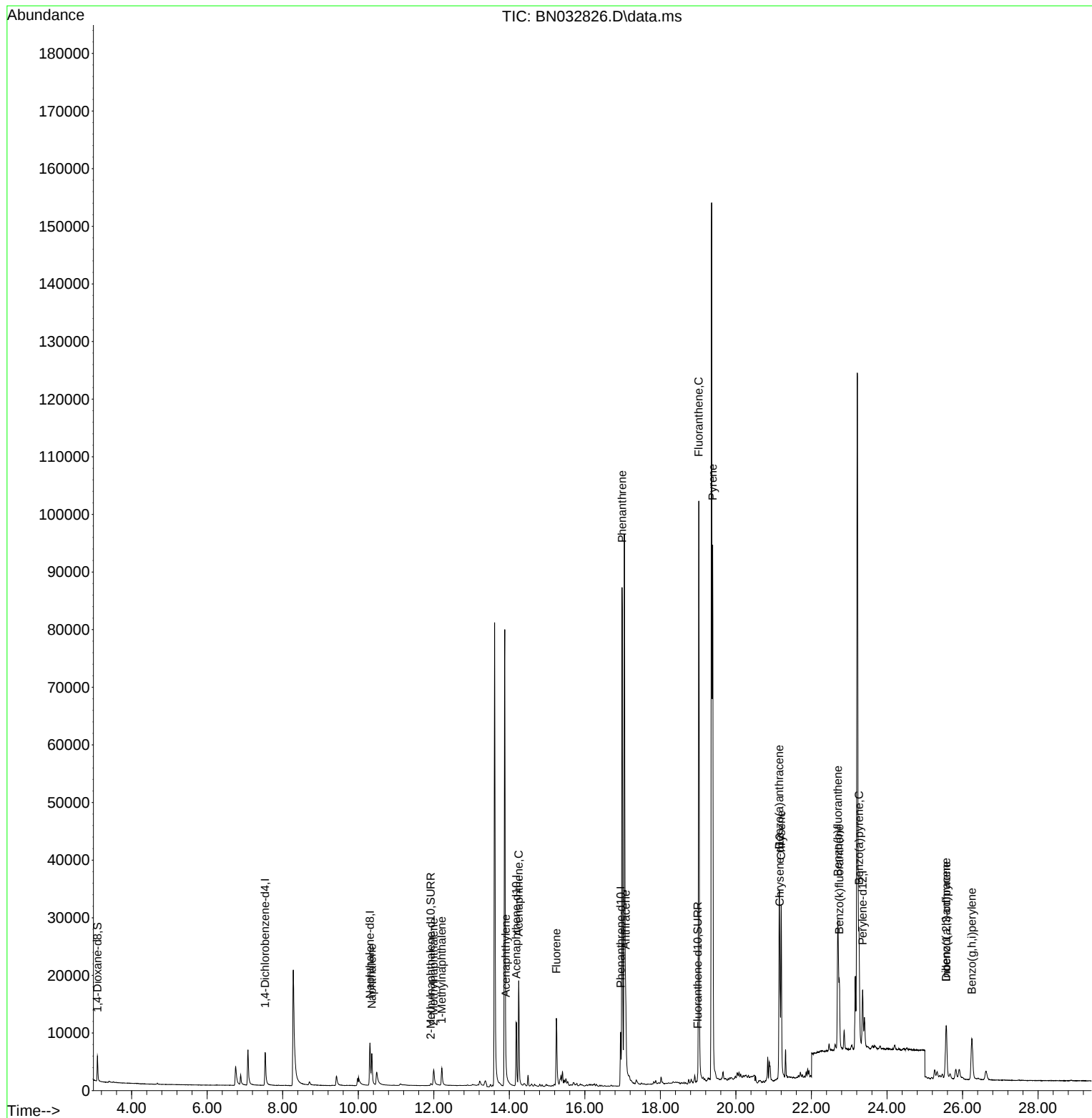
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032826.D
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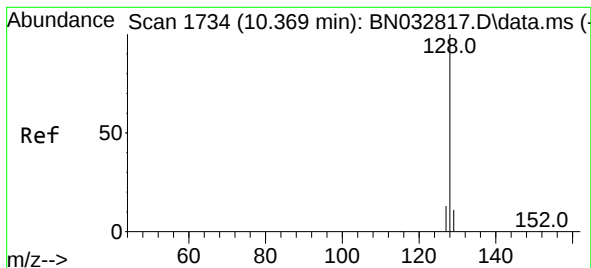
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ClientSampleId :
A4BX5DL

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5

Naphthalene

Concen: 0.268 ng/ul

RT: 10.360 min Scan# 11

Delta R.T. -0.011 min

Lab File: BN032826.D

Acq: 18 Jul 2024 20:26

Instrument :

BNA_N

ClientSampleId :

A4BX5DL

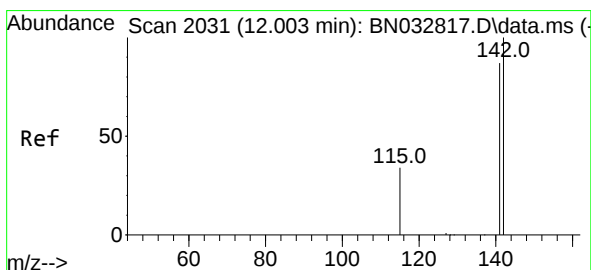
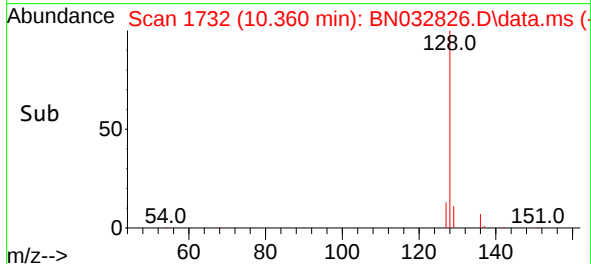
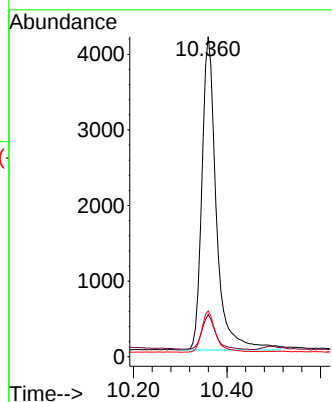
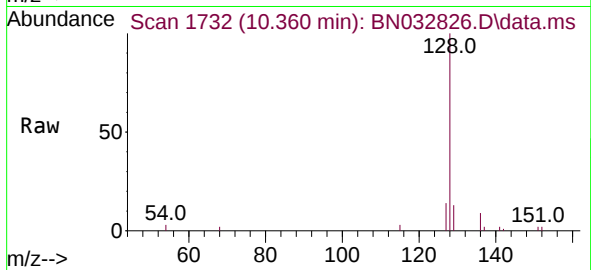
Tgt Ion:128	Resp:	895
Ion Ratio	Lower	Upper
128	100	
129	13.2	10.0 15.0
127	14.3	11.6 17.4

Manual Integrations

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#7

2-Methylnaphthalene

Concen: 0.161 ng/ul

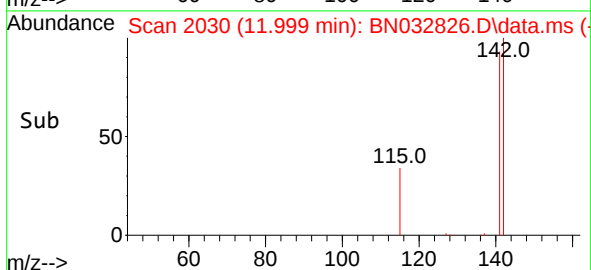
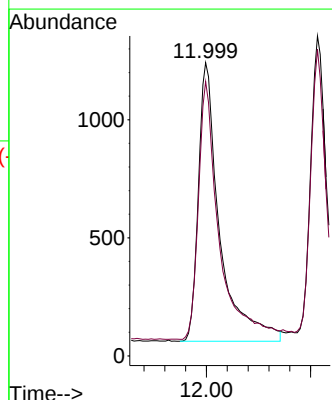
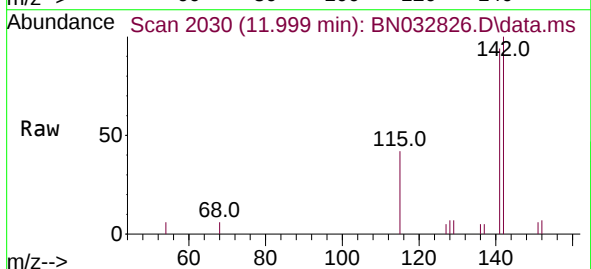
RT: 11.999 min Scan# 2030

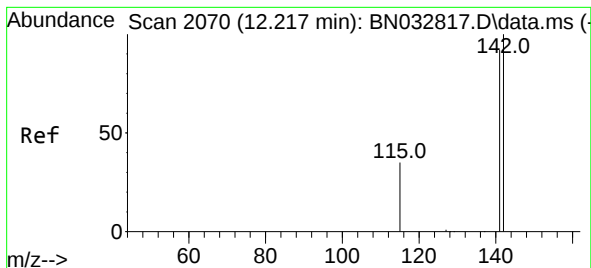
Delta R.T. -0.006 min

Lab File: BN032826.D

Acq: 18 Jul 2024 20:26

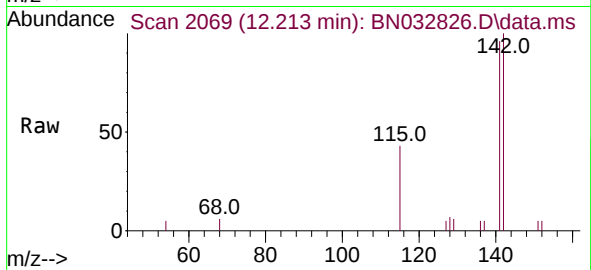
Tgt Ion:142	Resp:	3364
Ion Ratio	Lower	Upper
142	100	
141	89.9	74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.129 ng/ul
RT: 12.213 min Scan# 2070
Delta R.T. -0.006 min
Lab File: BN032826.D
Acq: 18 Jul 2024 20:26

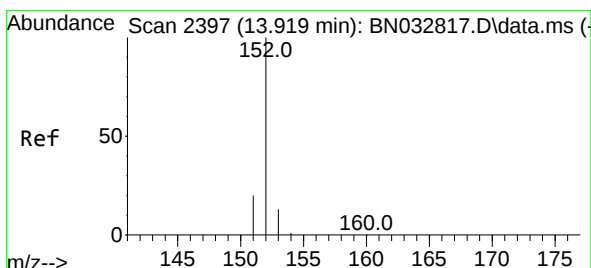
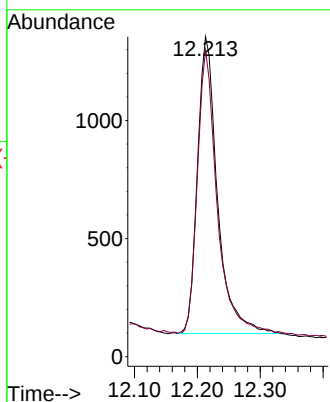
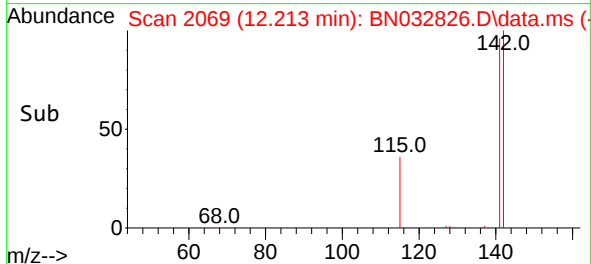
Instrument :
BNA_N
ClientSampleId :
A4BX5DL



Tgt Ion:142 Resp: 277
Ion Ratio Lower Upper
142 100
141 93.7 75.0 112.4

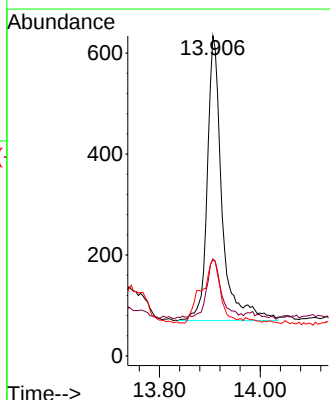
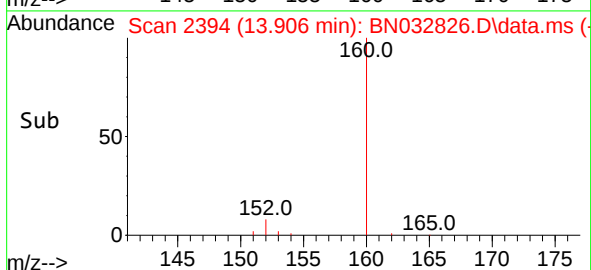
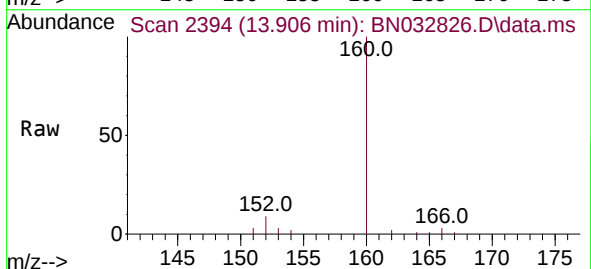
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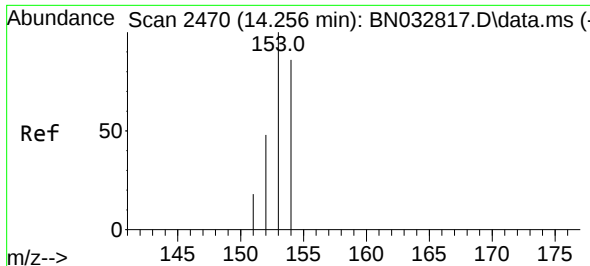
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#10
Acenaphthylene
Concen: 0.042 ng/ul
RT: 13.906 min Scan# 2394
Delta R.T. -0.014 min
Lab File: BN032826.D
Acq: 18 Jul 2024 20:26

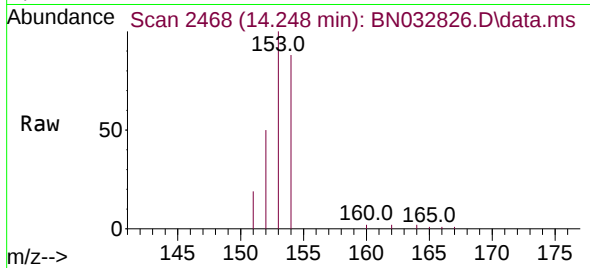
Tgt Ion:152 Resp: 1147
Ion Ratio Lower Upper
152 100
151 30.3 16.3 24.5#
153 30.0 11.3 16.9#





#11
Acenaphthene
Concen: 0.526 ng/ul
RT: 14.248 min Scan# 2470
Delta R.T. -0.009 min
Lab File: BN032826.D
Acq: 18 Jul 2024 20:26

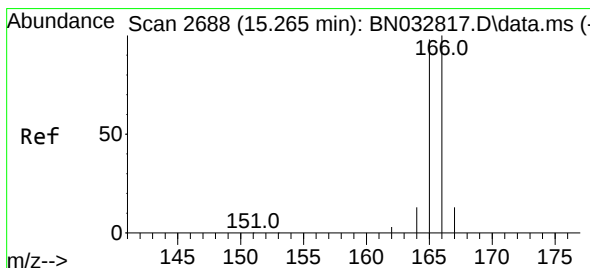
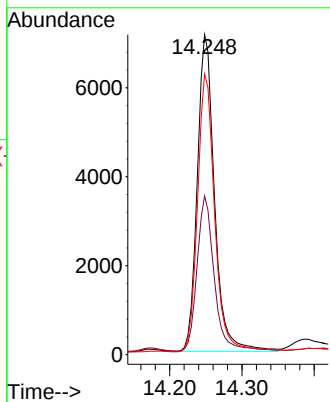
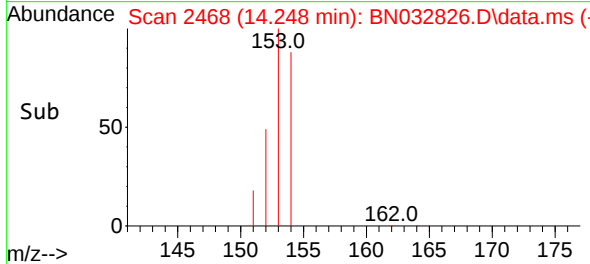
Instrument :
BNA_N
ClientSampleId :
A4BX5DL



Tgt Ion:153 Resp: 1181
Ion Ratio Lower Upper
153 100
152 49.6 40.0 60.0
154 87.7 70.2 105.4

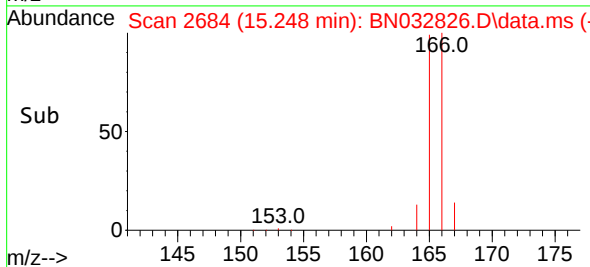
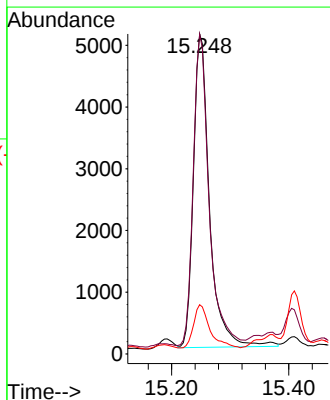
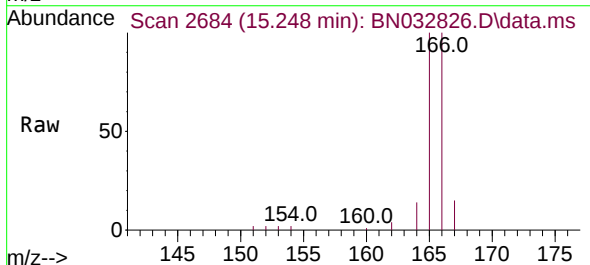
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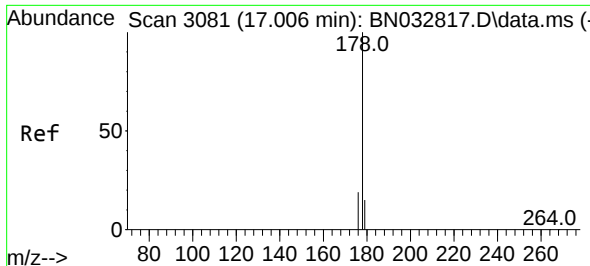
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#12
Fluorene
Concen: 0.378 ng/ul
RT: 15.248 min Scan# 2684
Delta R.T. -0.019 min
Lab File: BN032826.D
Acq: 18 Jul 2024 20:26

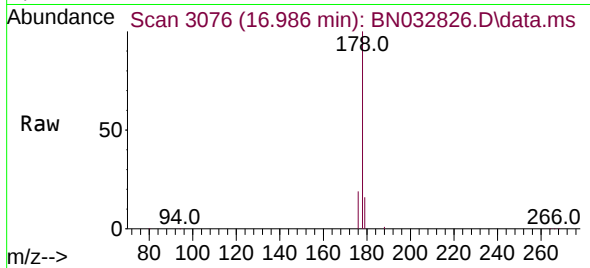
Tgt Ion:166 Resp: 9714
Ion Ratio Lower Upper
166 100
165 100.0 79.7 119.5
167 15.4 11.4 17.2





#15
Phenanthrene
Concen: 2.959 ng/u1
RT: 16.986 min Scan# 3076
Delta R.T. -0.021 min
Lab File: BN032826.D
Acq: 18 Jul 2024 20:26

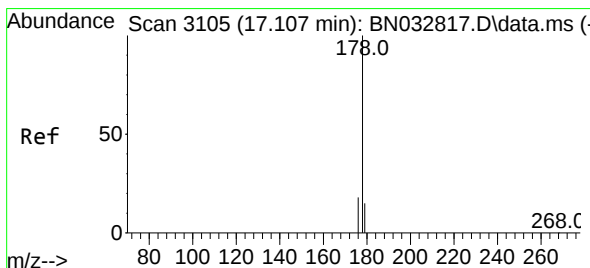
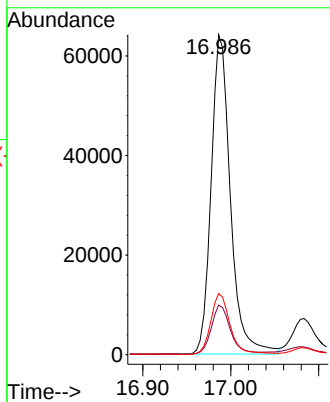
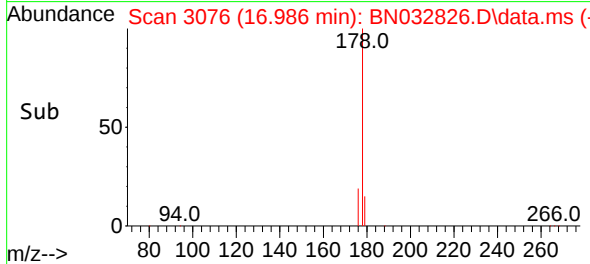
Instrument :
BNA_N
ClientSampleId :
A4BX5DL



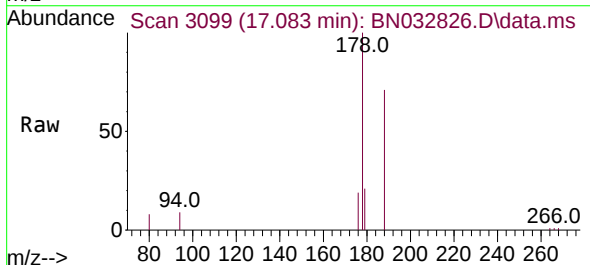
Tgt Ion:178 Resp: 97639
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 19.1 15.6 23.4

Manual Integrations
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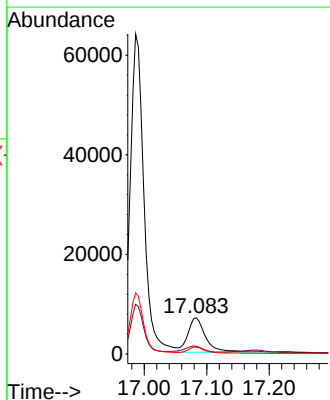
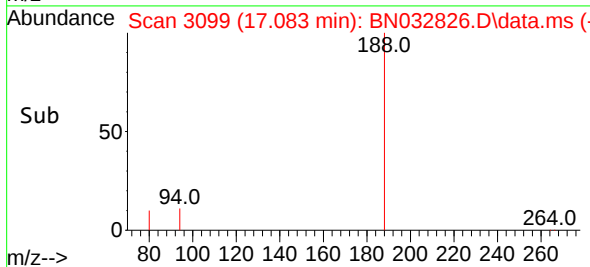
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Supervised By :mohammad ahmed 07/19/2024

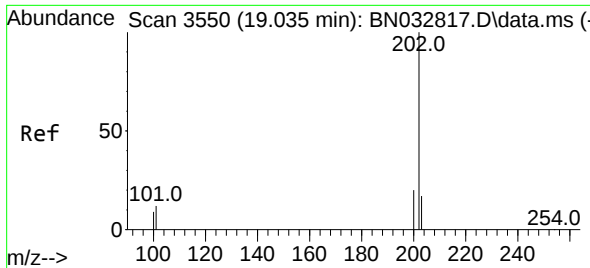


#16
Anthracene
Concen: 0.515 ng/u1
RT: 17.083 min Scan# 3099
Delta R.T. -0.021 min
Lab File: BN032826.D
Acq: 18 Jul 2024 20:26



Tgt Ion:178 Resp: 13872
Ion Ratio Lower Upper
178 100
179 21.2 13.4 20.2#
176 18.9 15.4 23.0





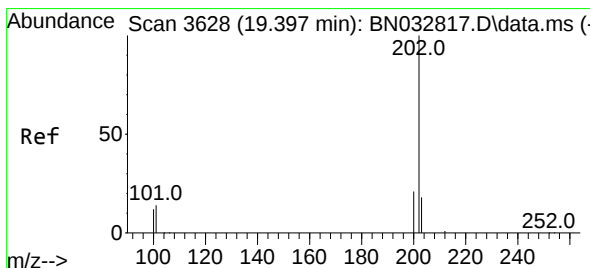
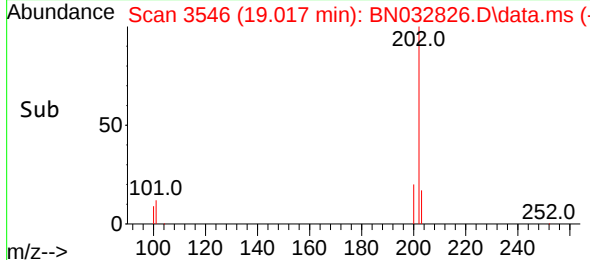
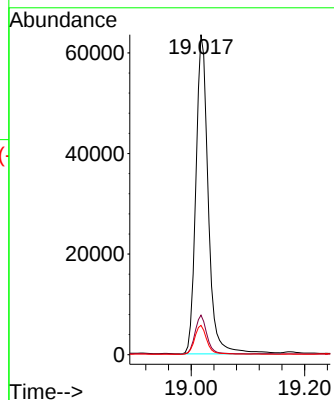
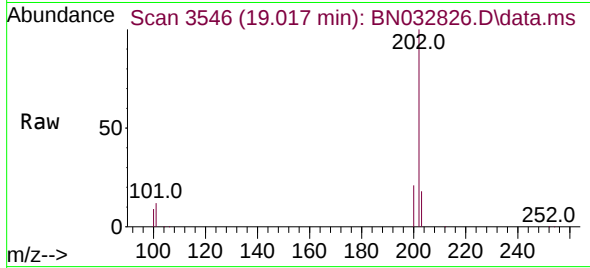
#19
Fluoranthene
Concen: 2.040 ng/ul
RT: 19.017 min Scan# 3546
Delta R.T. -0.014 min
Lab File: BN032826.D
Acq: 18 Jul 2024 20:26

Instrument :
BNA_N
ClientSampleId :
A4BX5DL

Tgt Ion:202 Resp: 9604
Ion Ratio Lower Upper
202 100
101 12.3 9.8 14.8
100 9.1 7.9 11.9

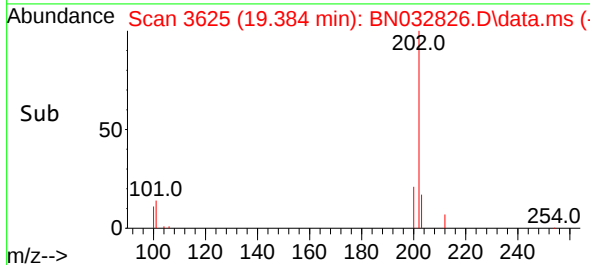
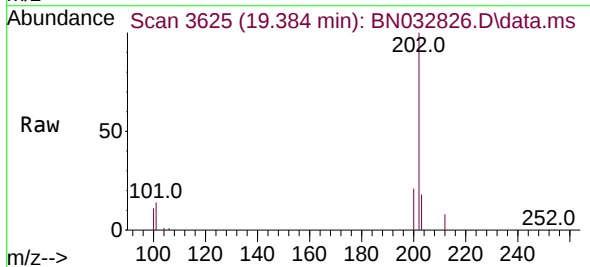
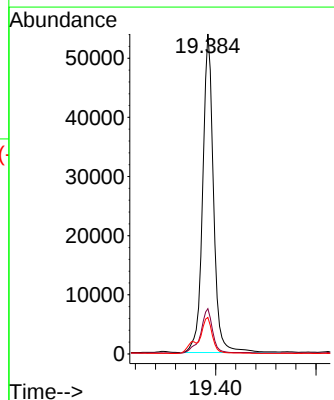
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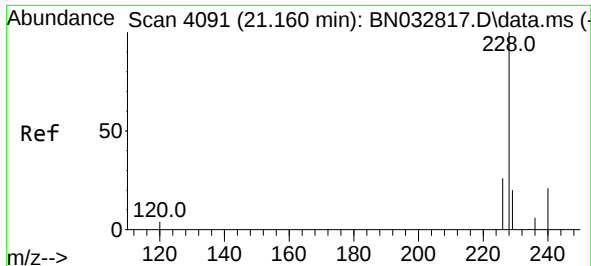
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#20
Pyrene
Concen: 1.657 ng/ul
RT: 19.384 min Scan# 3625
Delta R.T. -0.014 min
Lab File: BN032826.D
Acq: 18 Jul 2024 20:26

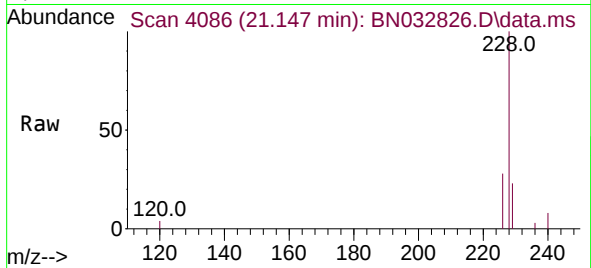
Tgt Ion:202 Resp: 80761
Ion Ratio Lower Upper
202 100
101 14.1 11.8 17.6
100 11.4 9.6 14.4





#21
Benzo(a)anthracene
Concen: 0.857 ng/ul
RT: 21.147 min Scan# 4086
Delta R.T. -0.012 min
Lab File: BN032826.D
Acq: 18 Jul 2024 20:26

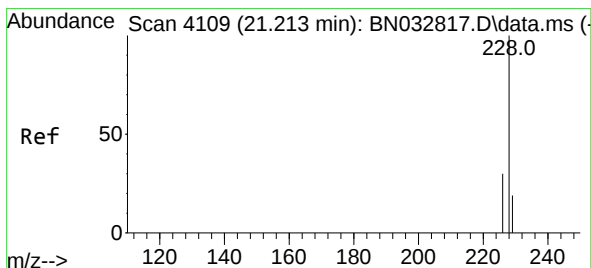
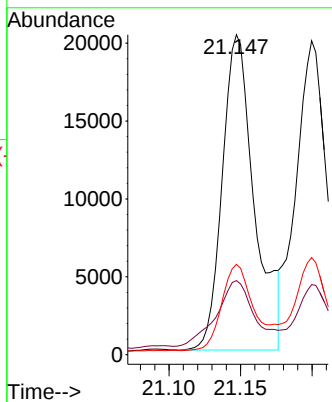
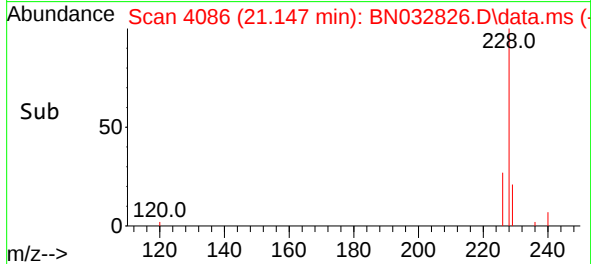
Instrument :
BNA_N
ClientSampleId :
A4BX5DL



Tgt Ion:228 Resp: 31570
Ion Ratio Lower Upper
228 100
229 23.1 16.1 24.1
226 28.3 21.9 32.9

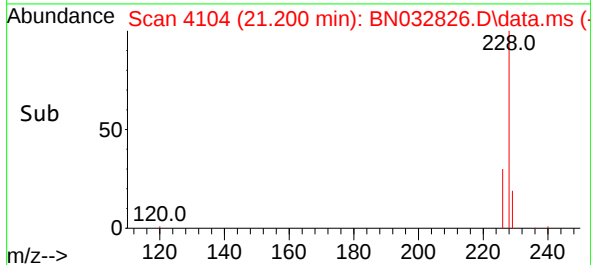
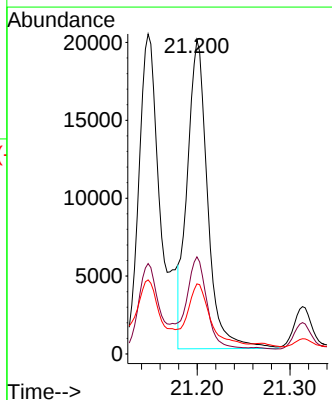
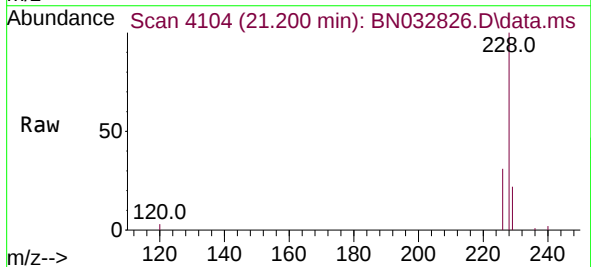
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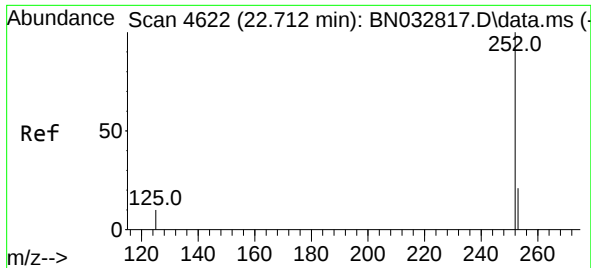
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#22
Chrysene
Concen: 0.567 ng/ul
RT: 21.200 min Scan# 4104
Delta R.T. -0.012 min
Lab File: BN032826.D
Acq: 18 Jul 2024 20:26

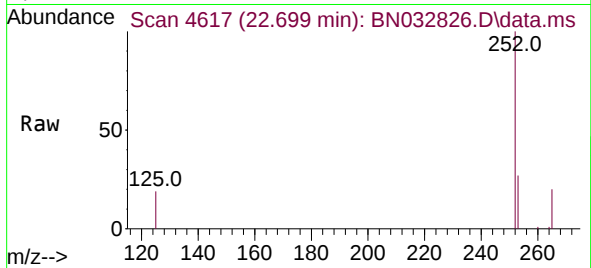
Tgt Ion:228 Resp: 30257
Ion Ratio Lower Upper
228 100
226 30.9 24.0 36.0
229 22.3 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.848 ng/ul m
RT: 22.699 min Scan# 4617
Delta R.T. -0.012 min
Lab File: BN032826.D
Acq: 18 Jul 2024 20:26

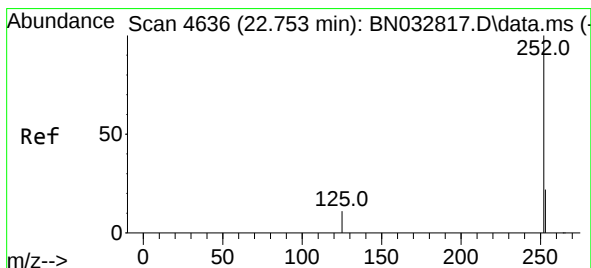
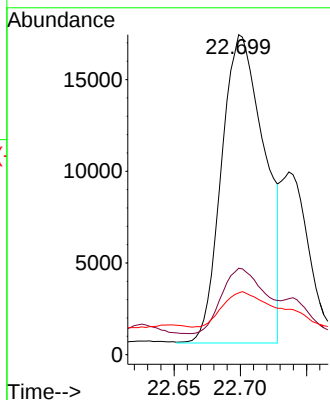
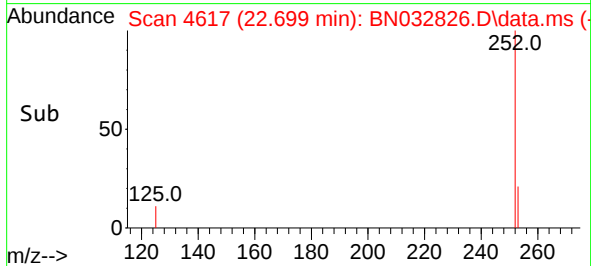
Instrument :
BNA_N
ClientSampleId :
A4BX5DL



Tgt Ion:252 Resp: 37940
Ion Ratio Lower Upper
252 100
253 27.0 0.0 54.0
125 19.3 0.0 36.0

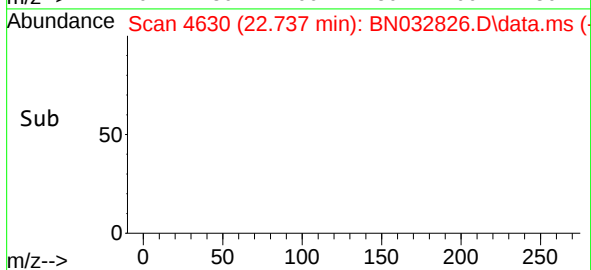
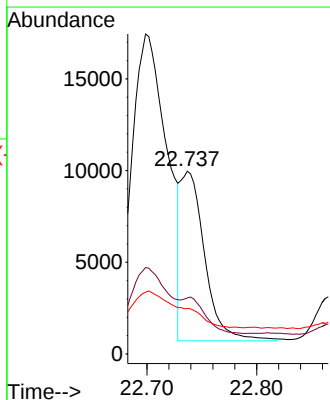
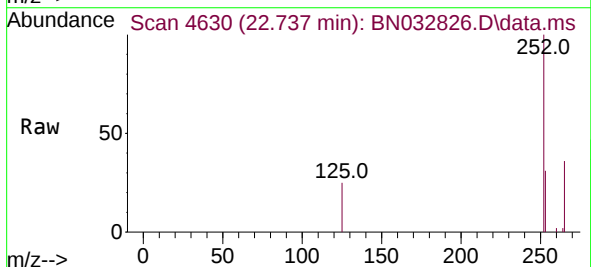
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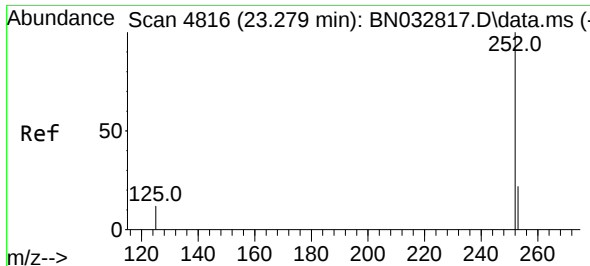
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#25
Benzo(k)fluoranthene
Concen: 0.260 ng/ul m
RT: 22.737 min Scan# 4630
Delta R.T. -0.018 min
Lab File: BN032826.D
Acq: 18 Jul 2024 20:26

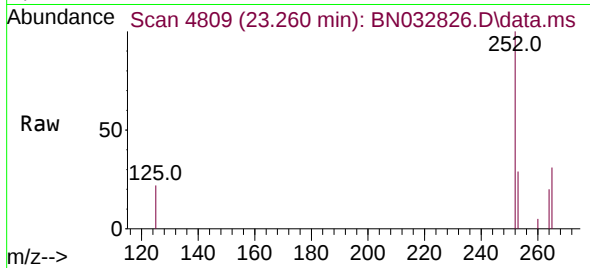
Tgt Ion:252 Resp: 14197
Ion Ratio Lower Upper
252 100
253 30.6 21.2 31.8
125 24.8 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.673 ng/ul
RT: 23.260 min Scan# 4816
Delta R.T. -0.018 min
Lab File: BN032826.D
Acq: 18 Jul 2024 20:26

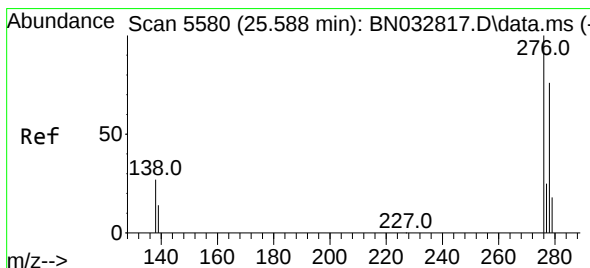
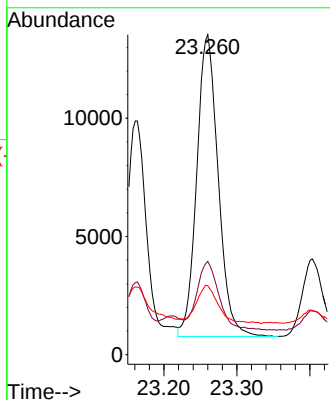
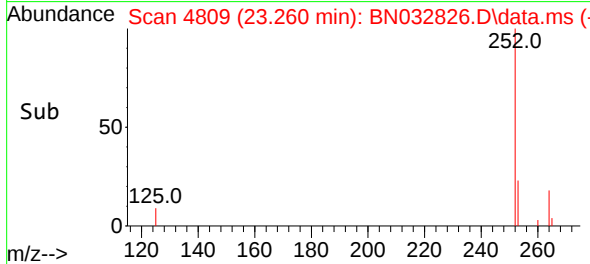
Instrument :
BNA_N
ClientSampleId :
A4BX5DL



Tgt Ion:252 Resp: 2608
Ion Ratio Lower Upper
252 100
253 29.2 25.4 38.0
125 21.5 20.6 30.8

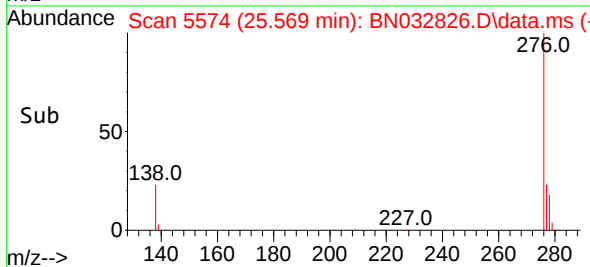
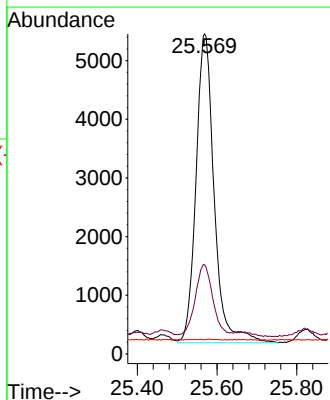
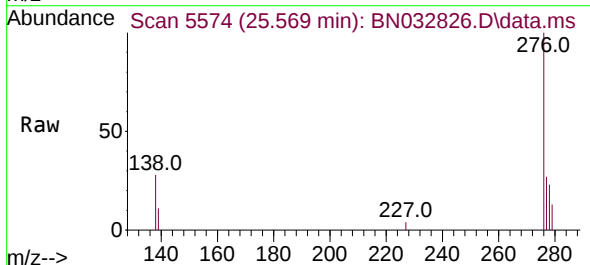
Manual Integrations
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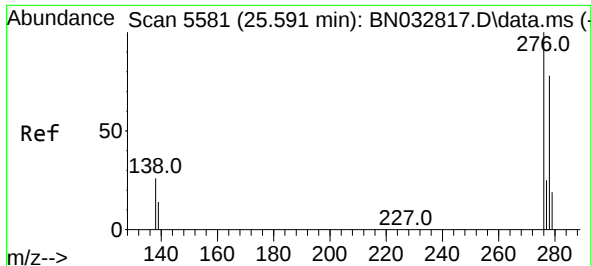
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.317 ng/ul
RT: 25.569 min Scan# 5574
Delta R.T. -0.014 min
Lab File: BN032826.D
Acq: 18 Jul 2024 20:26

Tgt Ion:276 Resp: 16628
Ion Ratio Lower Upper
276 100
138 21.4 21.6 32.4#
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.088 ng/ul

RT: 25.566 min Scan# 5573

Delta R.T. -0.024 min

Lab File: BN032826.D

Acq: 18 Jul 2024 20:26

Instrument :

BNA_N

ClientSampleId :

A4BX5DL

Tgt Ion:278 Resp: 3560

Ion Ratio Lower Upper

278 100

139 46.6 16.6 24.8

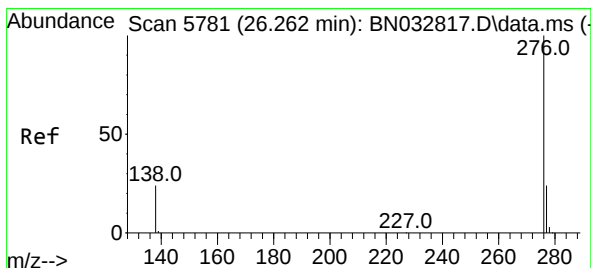
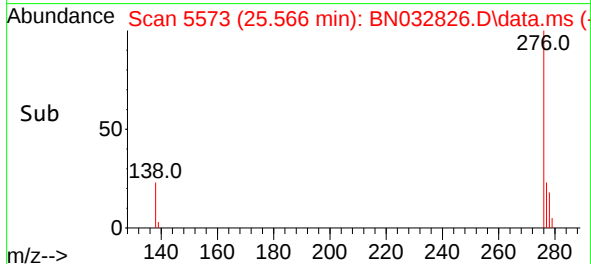
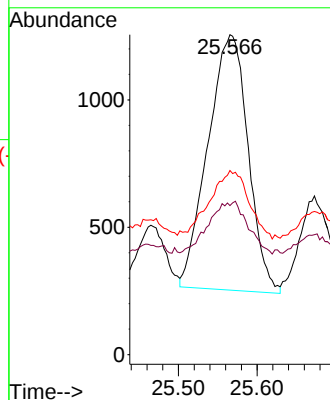
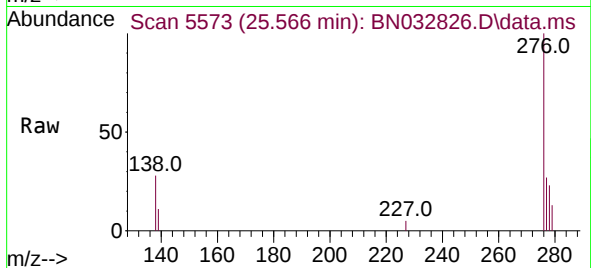
279 57.6 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/19/2024

Supervised By :mohammad ahmed 07/19/2024



#29

Benzo(g,h,i)perylene

Concen: 0.352 ng/ul

RT: 26.246 min Scan# 5776

Delta R.T. -0.014 min

Lab File: BN032826.D

Acq: 18 Jul 2024 20:26

Tgt Ion:276 Resp: 15441

Ion Ratio Lower Upper

276 100

138 29.0 21.0 31.4

277 28.9 20.6 31.0

