

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032821.D
 Acq On : 18 Jul 2024 17:26
 Operator : MA/JU
 Sample : P3100-13DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BX1DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 18 18:45:59 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	4253	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.310	136	13029	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.188	164	7560	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.948	188	15040	0.400	ng/ul	-0.02
17) Chrysene-d12	21.162	240	14626	0.400	ng/ul	-0.01
23) Perylene-d12	23.357	264	17440	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	3405	0.667	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.922	152	812	0.041	ng/ul	-0.01
18) Fluoranthene-d10	18.990	212	1949	0.041	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.360	128	1545	0.044	ng/ul#	84
7) 2-Methylnaphthalene	11.999	142	532	0.024	ng/ul	99
8) 1-Methylnaphthalene	12.213	142	473	0.021	ng/ul	97
10) Acenaphthylene	13.911	152	4491	0.147	ng/ul	96
11) Acenaphthene	14.253	153	2158	0.085	ng/ul	99
12) Fluorene	15.248	166	2616	0.091	ng/ul#	98
15) Phenanthrene	16.991	178	66264	1.618	ng/ul	99
16) Anthracene	17.083	178	13829	0.413	ng/ul	97
19) Fluoranthene	19.017	202	180099	3.029	ng/ul	99
20) Pyrene	19.385	202	122406	1.989	ng/ul	99
21) Benzo(a)anthracene	21.147	228	80181	1.722	ng/ul	99
22) Chrysene	21.200	228	96039m	1.426	ng/ul	
24) Benzo(b)fluoranthene	22.699	252	139851m	2.273	ng/ul	
25) Benzo(k)fluoranthene	22.737	252	50351m	0.671	ng/ul	
26) Benzo(a)pyrene	23.263	252	44506	0.836	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.566	276	48093	0.667	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.562	278	15981	0.286	ng/ul#	88
29) Benzo(g,h,i)perylene	26.250	276	6358	0.106	ng/ul#	73

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

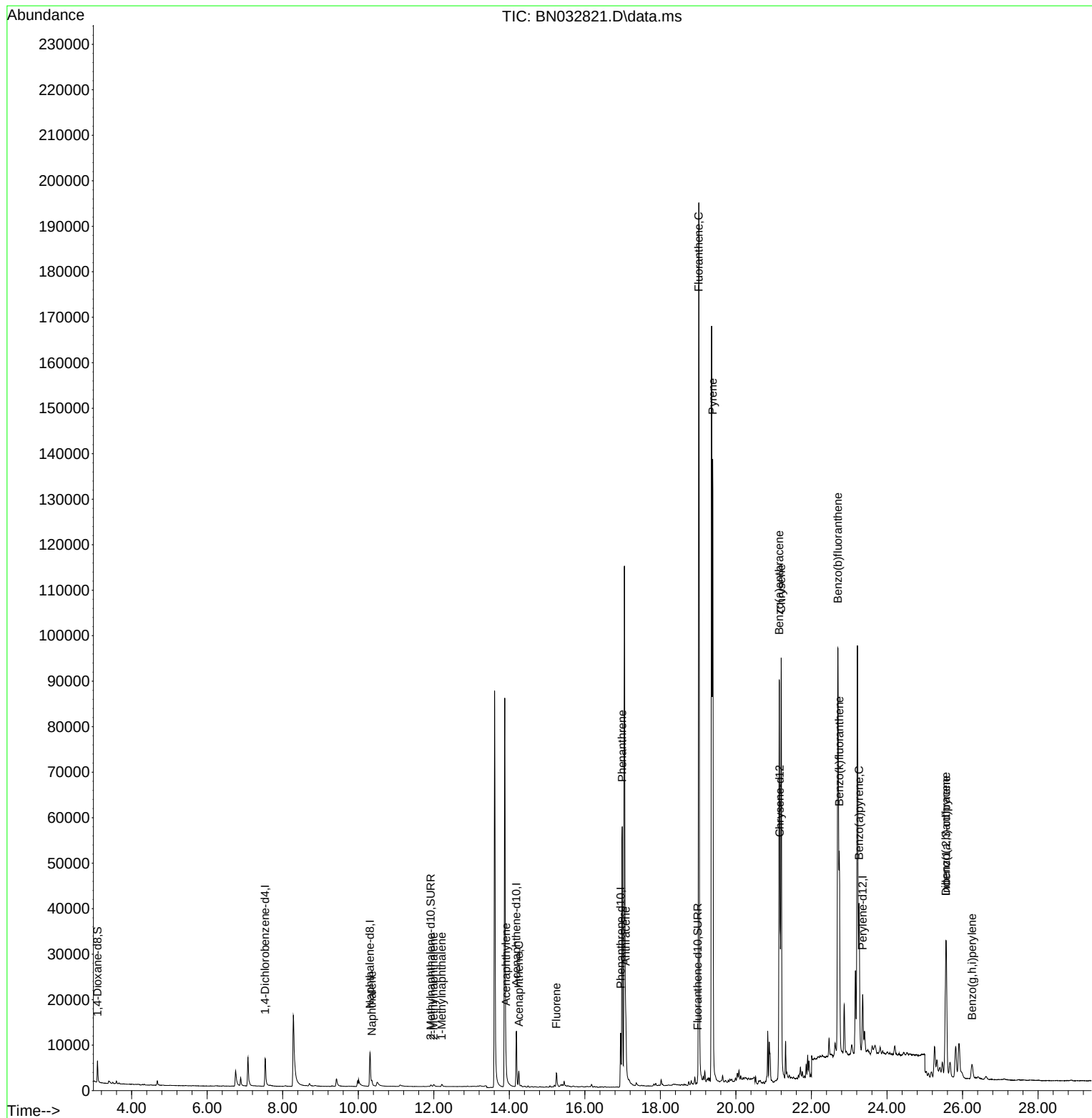
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032821.D
Acq On : 18 Jul 2024 17:26
Operator : MA/JU
Sample : P3100-13DL 5X
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ALS Vial : 6 Sample Multiplier: 1

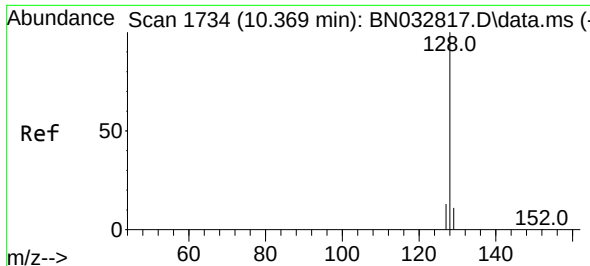
Instrument :
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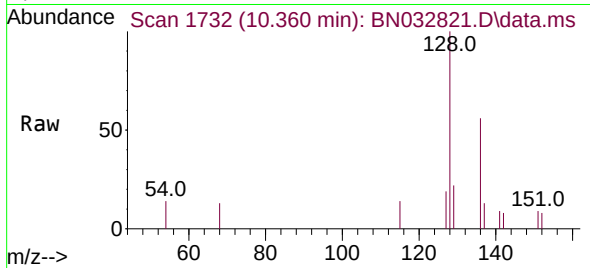
Quant Time: Jul 18 18:45:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.044 ng/ul
RT: 10.360 min Scan# 1734
Delta R.T. -0.011 min
Lab File: BN032821.D
Acq: 18 Jul 2024 17:26

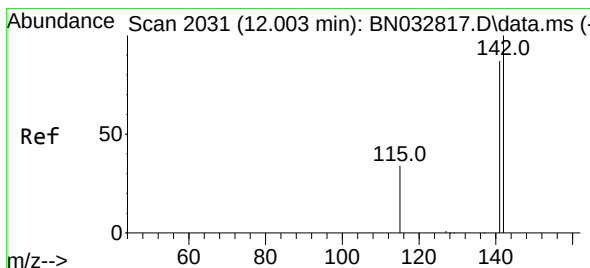
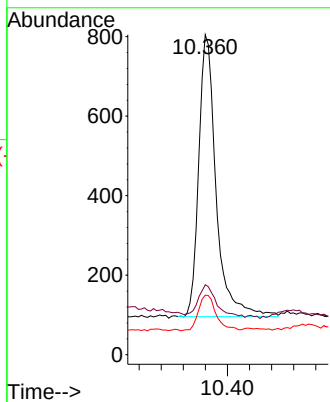
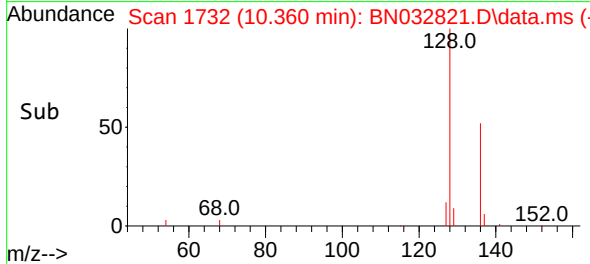
Instrument :
BNA_N
ClientSampleId :
A4BX1DL



Tgt Ion:128 Resp: 154
Ion Ratio Lower Upper
128 100
129 21.9 10.0 15.0
127 18.6 11.6 17.4

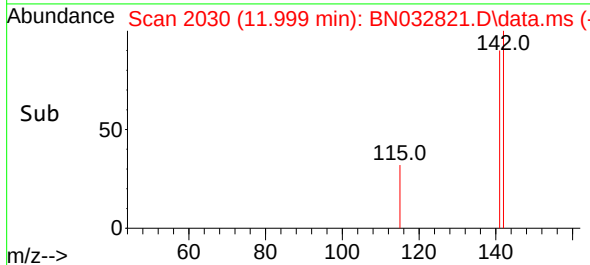
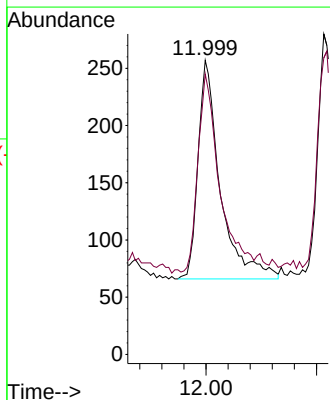
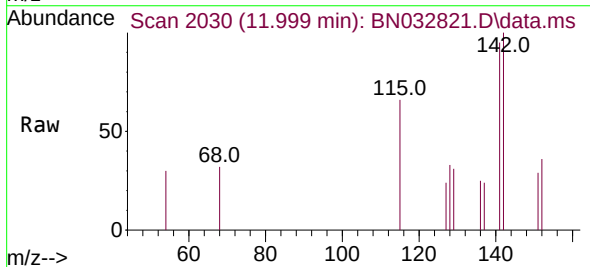
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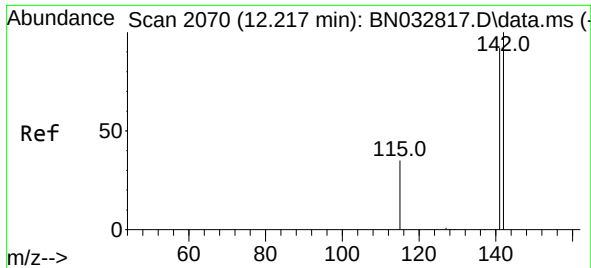
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 11.999 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BN032821.D
Acq: 18 Jul 2024 17:26

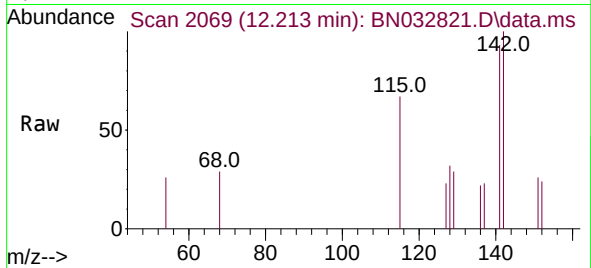
Tgt Ion:142 Resp: 532
Ion Ratio Lower Upper
142 100
141 91.5 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.213 min Scan# 2069
Delta R.T. -0.006 min
Lab File: BN032821.D
Acq: 18 Jul 2024 17:26

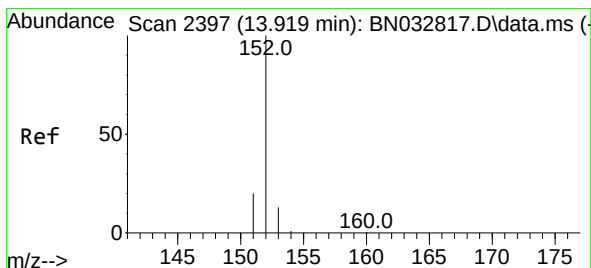
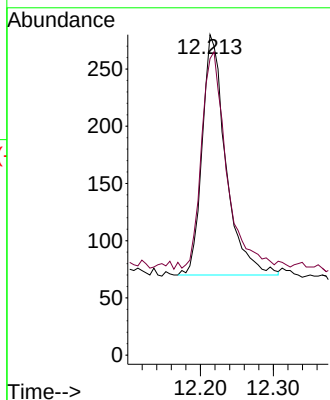
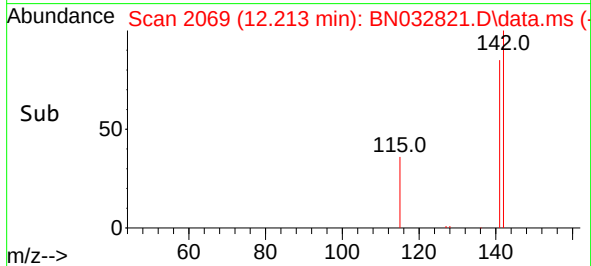
Instrument :
BNA_N
ClientSampleId :
A4BX1DL



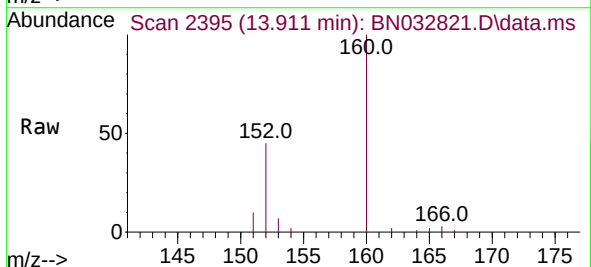
Tgt Ion:142 Resp: 470
Ion Ratio Lower Upper
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141 96.8 75.0 112.4

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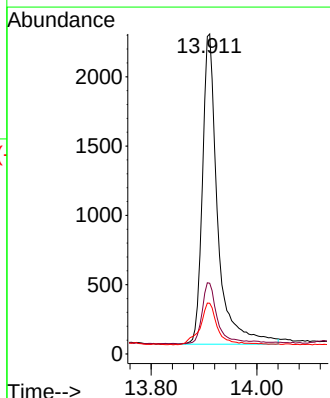
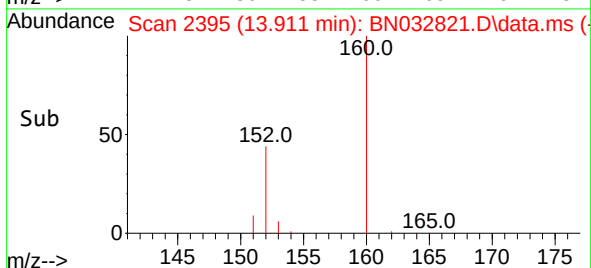
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024

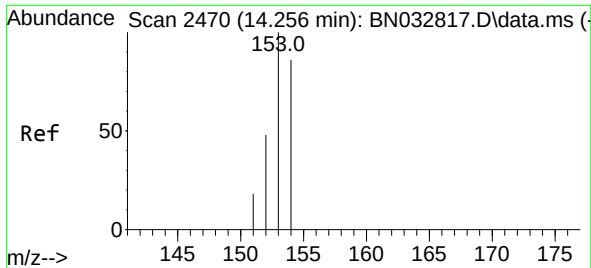


#10
Acenaphthylene
Concen: 0.147 ng/ul
RT: 13.911 min Scan# 2395
Delta R.T. -0.009 min
Lab File: BN032821.D
Acq: 18 Jul 2024 17:26



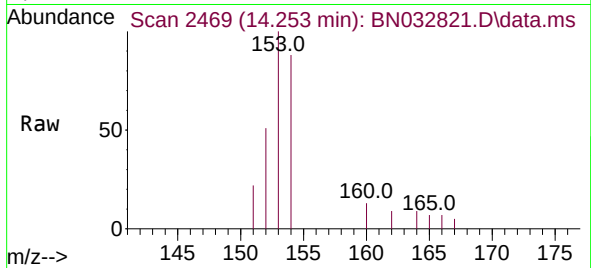
Tgt Ion:152 Resp: 4491
Ion Ratio Lower Upper
152 100
151 22.1 16.3 24.5
153 15.9 11.3 16.9





#11
Acenaphthene
Concen: 0.085 ng/ul
RT: 14.253 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BN032821.D
Acq: 18 Jul 2024 17:26

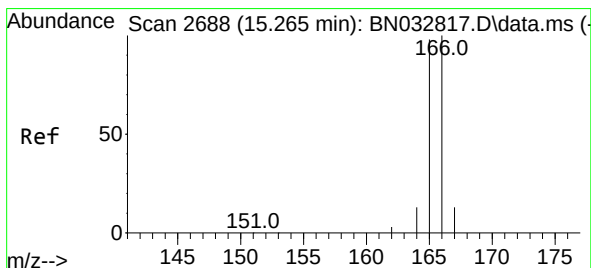
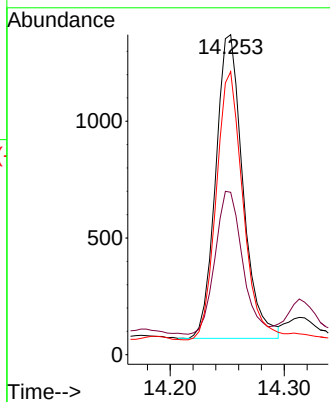
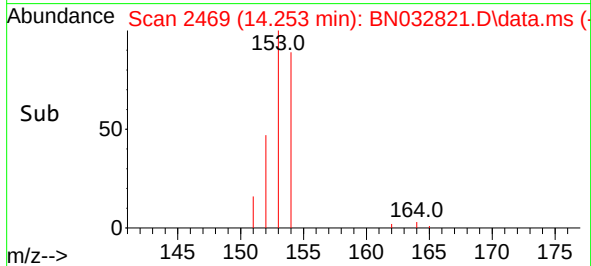
Instrument :
BNA_N
ClientSampleId :
A4BX1DL



Tgt Ion:153 Resp: 2158
Ion Ratio Lower Upper
153 100
152 50.8 40.0 60.0
154 88.5 70.2 105.4

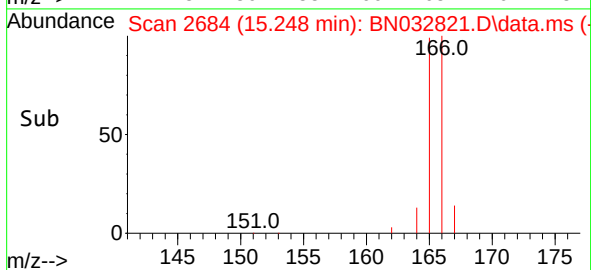
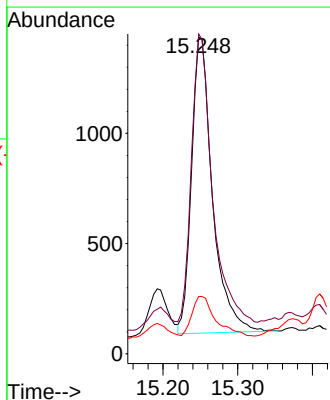
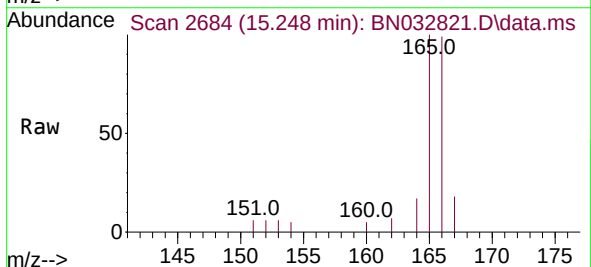
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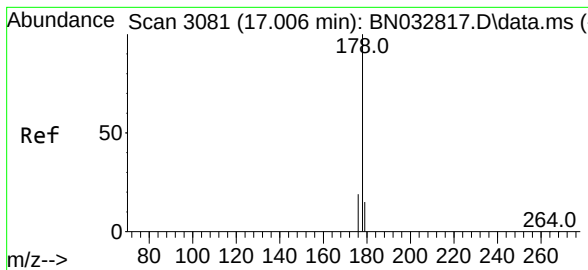
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#12
Fluorene
Concen: 0.091 ng/ul
RT: 15.248 min Scan# 2684
Delta R.T. -0.019 min
Lab File: BN032821.D
Acq: 18 Jul 2024 17:26

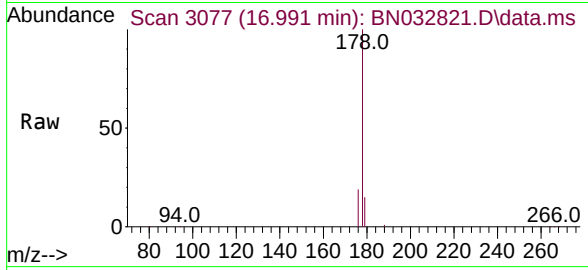
Tgt Ion:166 Resp: 2616
Ion Ratio Lower Upper
166 100
165 101.0 79.7 119.5
167 18.1 11.4 17.2#





#15
Phenanthrene
Concen: 1.618 ng/ul
RT: 16.991 min Scan# 3077
Delta R.T. -0.017 min
Lab File: BN032821.D
Acq: 18 Jul 2024 17:26

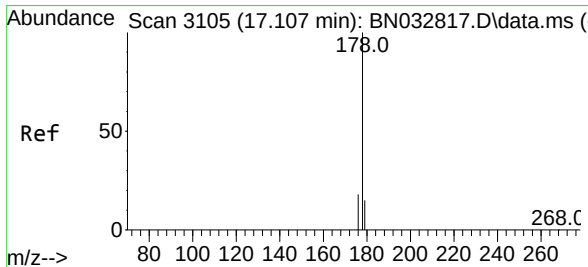
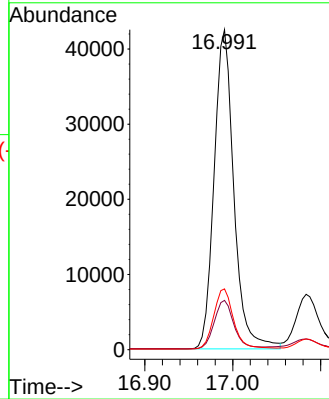
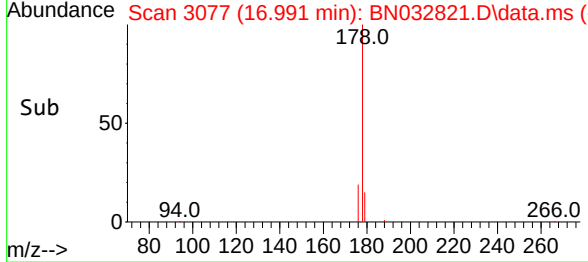
Instrument :
BNA_N
ClientSampleId :
A4BX1DL



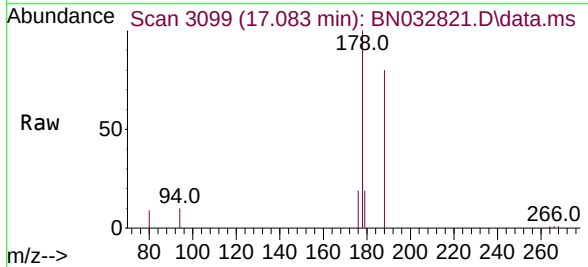
Tgt Ion:178 Resp: 66264
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.0 15.6 23.4

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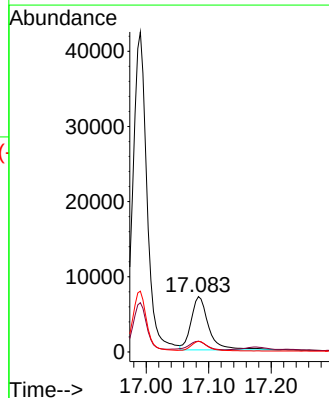
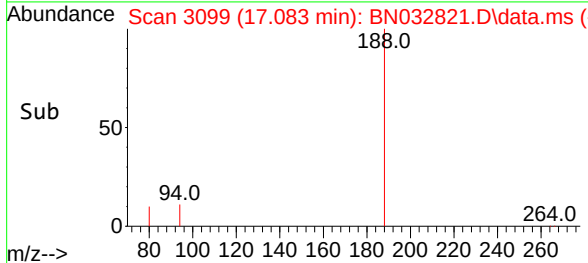
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024

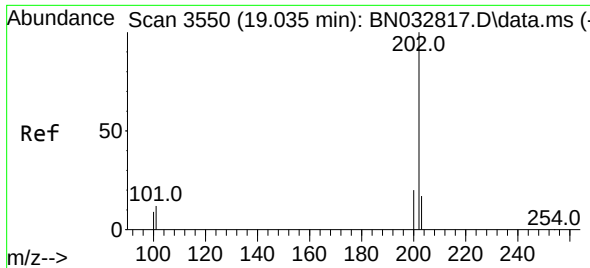


#16
Anthracene
Concen: 0.413 ng/ul
RT: 17.083 min Scan# 3099
Delta R.T. -0.021 min
Lab File: BN032821.D
Acq: 18 Jul 2024 17:26



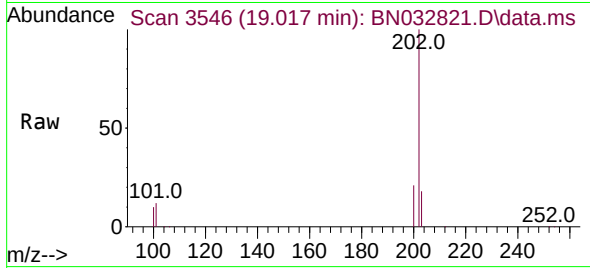
Tgt Ion:178 Resp: 13829
Ion Ratio Lower Upper
178 100
179 19.5 13.4 20.2
176 19.2 15.4 23.0





#19
Fluoranthene
Concen: 3.029 ng/u1
RT: 19.017 min Scan# 3546
Delta R.T. -0.014 min
Lab File: BN032821.D
Acq: 18 Jul 2024 17:26

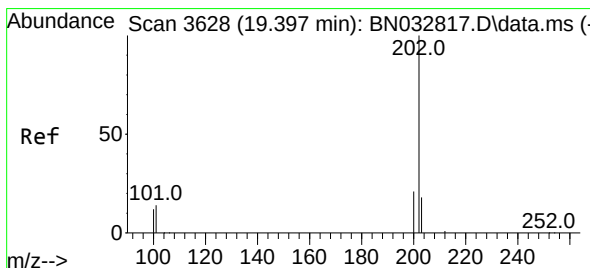
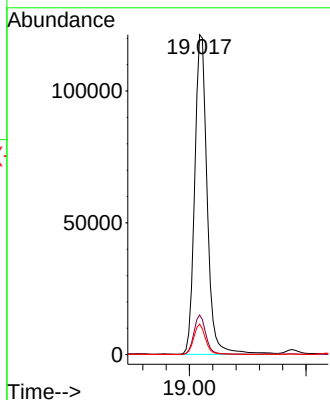
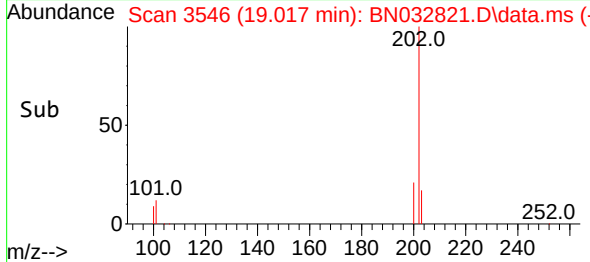
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BNA_N
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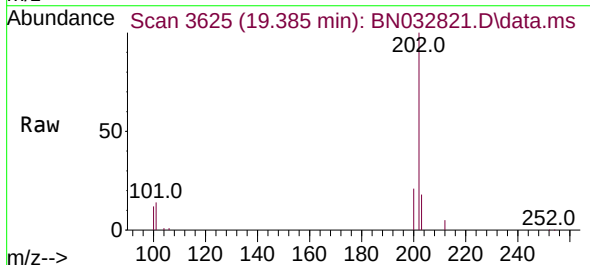
Tgt Ion:202 Resp: 180095
Ion Ratio Lower Upper
202 100
101 12.4 9.8 14.8
100 9.5 7.9 11.9

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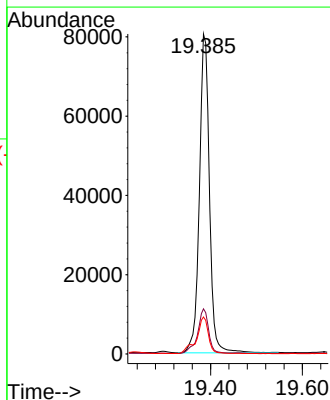
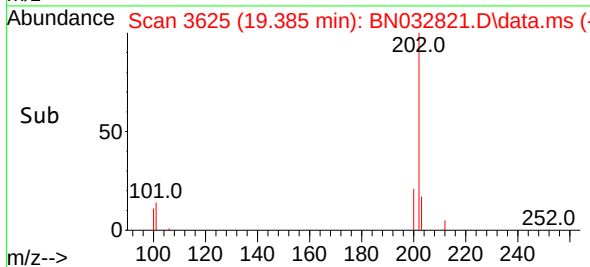
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Supervised By :mohammad ahmed 07/19/2024

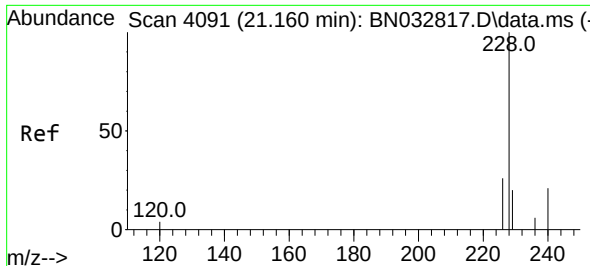


#20
Pyrene
Concen: 1.989 ng/u1
RT: 19.385 min Scan# 3625
Delta R.T. -0.014 min
Lab File: BN032821.D
Acq: 18 Jul 2024 17:26



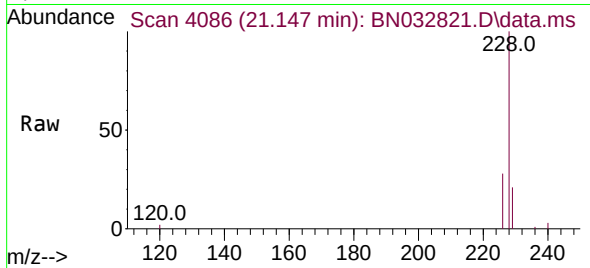
Tgt Ion:202 Resp: 122406
Ion Ratio Lower Upper
202 100
101 14.1 11.8 17.6
100 11.6 9.6 14.4





#21
Benzo(a)anthracene
Concen: 1.722 ng/ul
RT: 21.147 min Scan# 4086
Delta R.T. -0.012 min
Lab File: BN032821.D
Acq: 18 Jul 2024 17:26

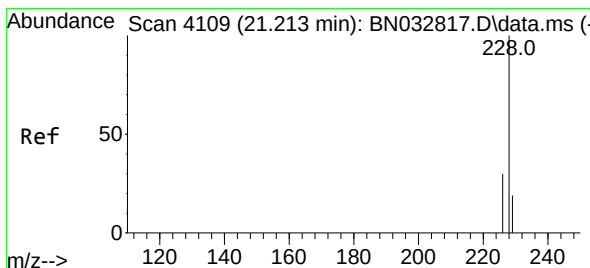
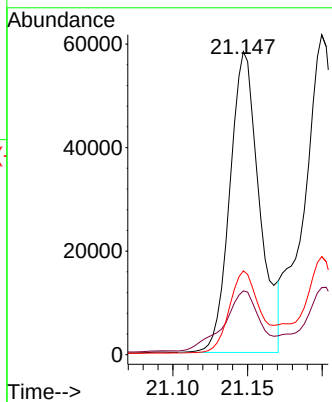
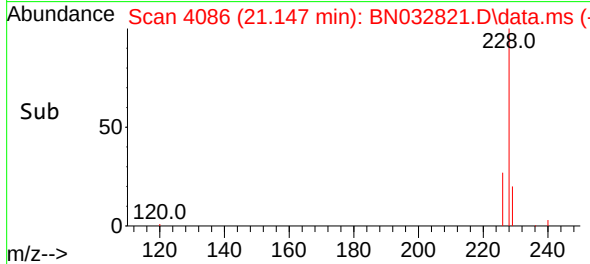
Instrument :
BNA_N
ClientSampleId :
A4BX1DL



Tgt Ion:228 Resp: 8018
Ion Ratio Lower Upper
228 100
229 21.0 16.1 24.1
226 27.7 21.9 32.9

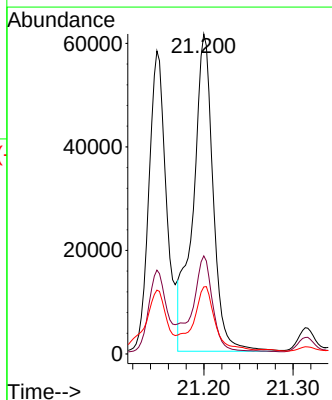
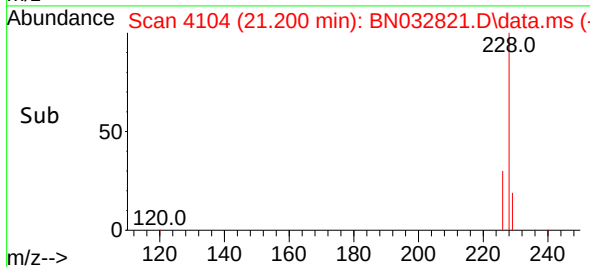
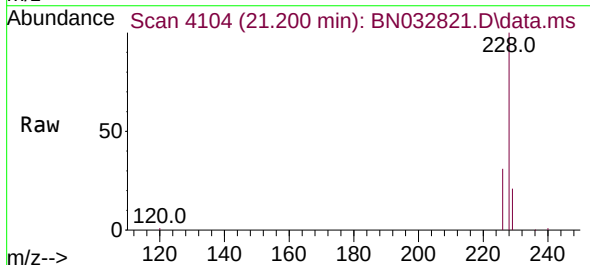
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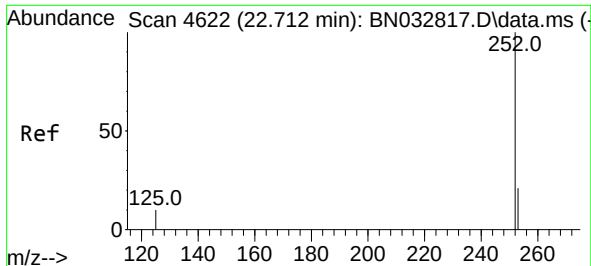
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#22
Chrysene
Concen: 1.426 ng/ul m
RT: 21.200 min Scan# 4104
Delta R.T. -0.012 min
Lab File: BN032821.D
Acq: 18 Jul 2024 17:26

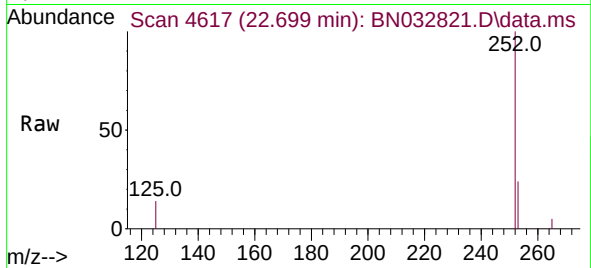
Tgt Ion:228 Resp: 96039
Ion Ratio Lower Upper
228 100
226 30.6 24.0 36.0
229 21.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.273 ng/ul m
RT: 22.699 min Scan# 4617
Delta R.T. -0.012 min
Lab File: BN032821.D
Acq: 18 Jul 2024 17:26

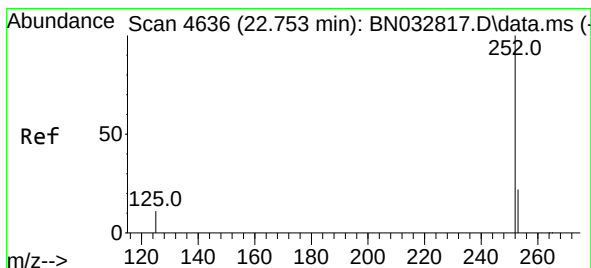
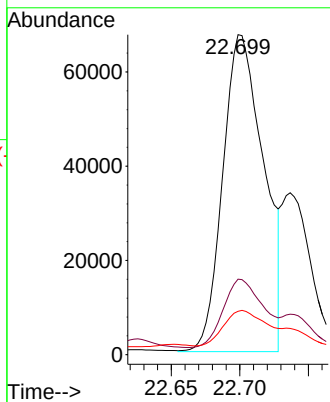
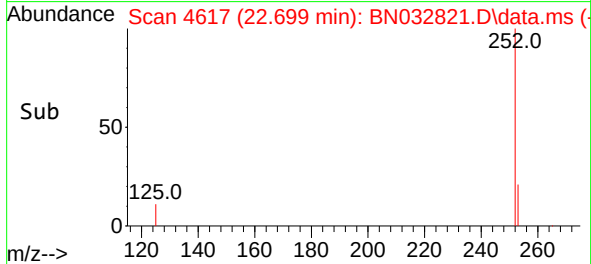
Instrument :
BNA_N
ClientSampleId :
A4BX1DL



Tgt Ion:252 Resp: 13985
Ion Ratio Lower Upper
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253 23.6 0.0 54.0
125 13.5 0.0 36.0

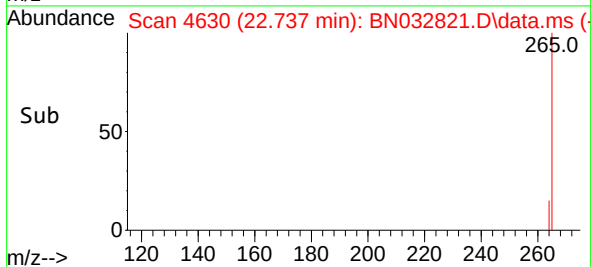
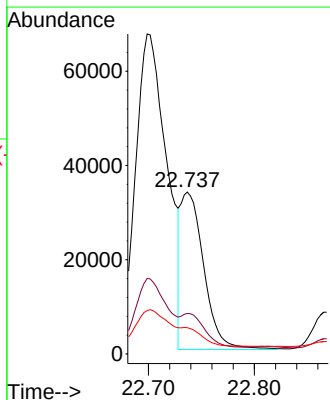
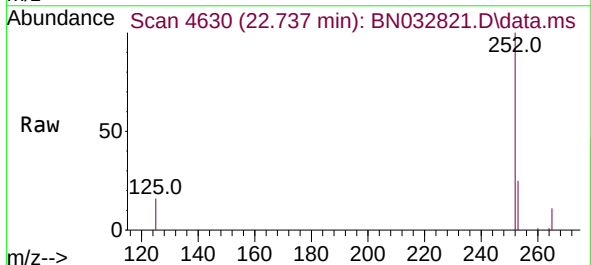
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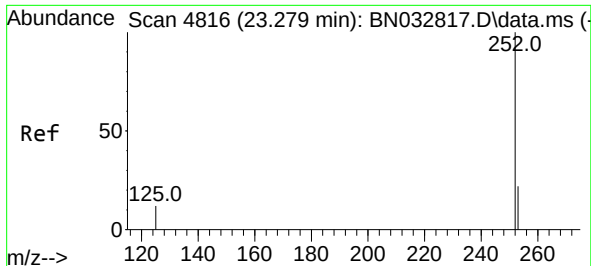
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#25
Benzo(k)fluoranthene
Concen: 0.671 ng/ul m
RT: 22.737 min Scan# 4630
Delta R.T. -0.018 min
Lab File: BN032821.D
Acq: 18 Jul 2024 17:26

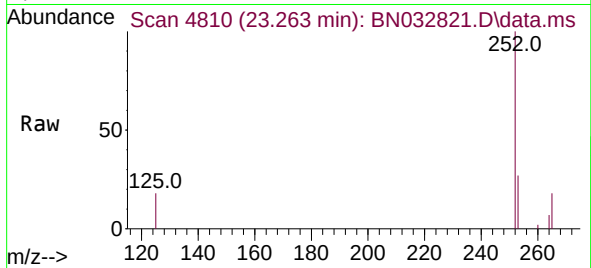
Tgt Ion:252 Resp: 50351
Ion Ratio Lower Upper
252 100
253 25.0 21.2 31.8
125 16.2 14.8 22.2





#26
Benzo(a)pyrene
Concen: 0.836 ng/ul
RT: 23.263 min Scan# 4816
Delta R.T. -0.015 min
Lab File: BN032821.D
Acq: 18 Jul 2024 17:26

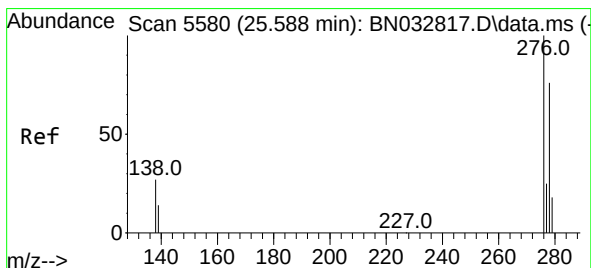
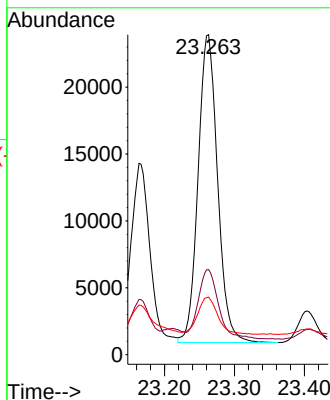
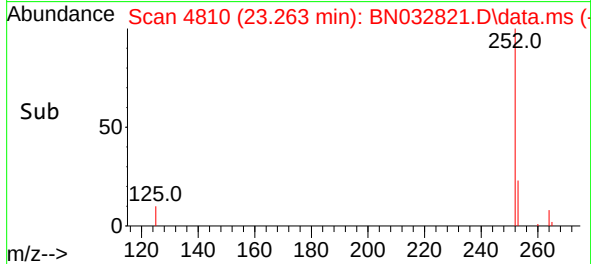
Instrument :
BNA_N
ClientSampleId :
A4BX1DL



Tgt Ion:252 Resp: 44500
Ion Ratio Lower Upper
252 100
253 26.6 25.4 38.0
125 18.0 20.6 30.8

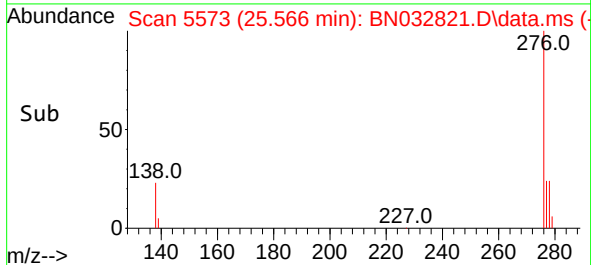
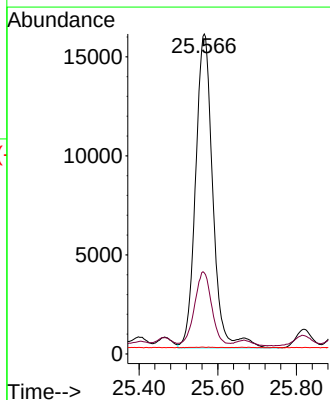
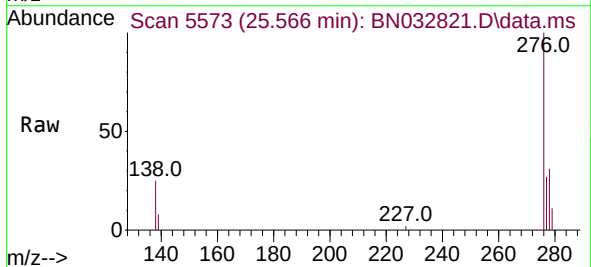
Manual Integrations
APPROVED

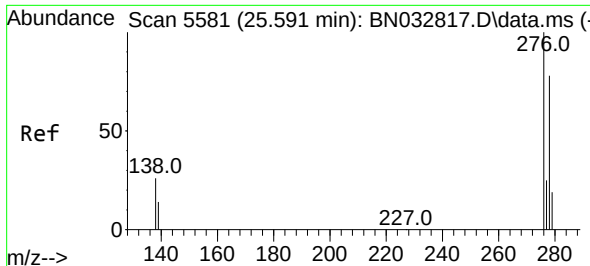
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.667 ng/ul
RT: 25.566 min Scan# 5573
Delta R.T. -0.017 min
Lab File: BN032821.D
Acq: 18 Jul 2024 17:26

Tgt Ion:276 Resp: 48093
Ion Ratio Lower Upper
276 100
138 22.7 21.6 32.4
227 0.0 0.0 0.0





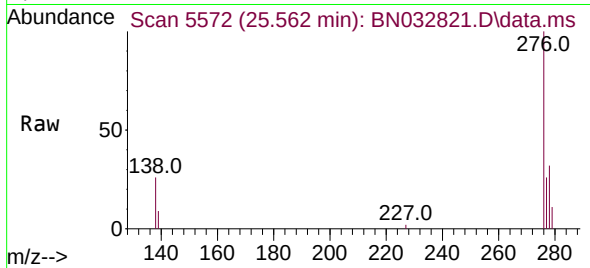
#28
Dibenzo(a,h)anthracene
Concen: 0.286 ng/ul
RT: 25.562 min Scan# 51
Delta R.T. -0.027 min
Lab File: BN032821.D
Acq: 18 Jul 2024 17:26

Instrument :

BNA_N

ClientSampleId :

A4BX1DL



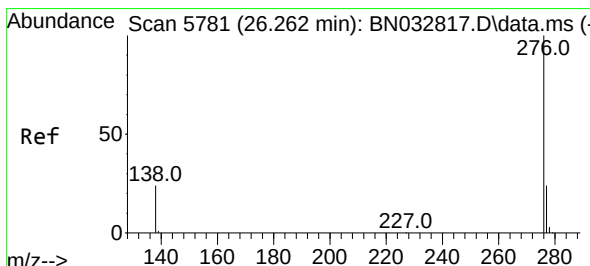
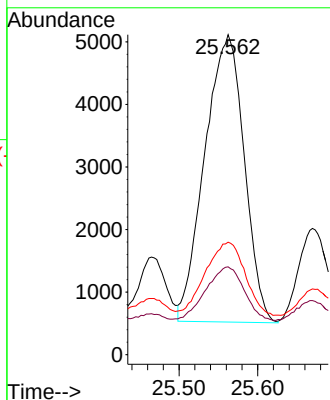
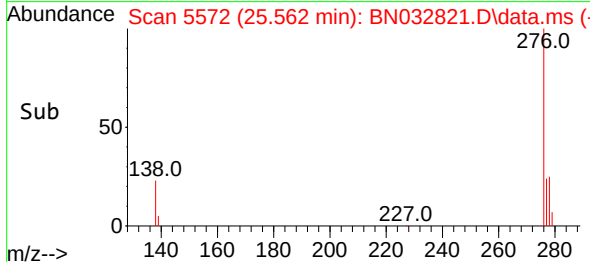
Tgt Ion:278 Resp: 1598
Ion Ratio Lower Upper
278 100
139 27.5 16.6 24.8
279 35.2 23.7 35.5

Manual Integrations

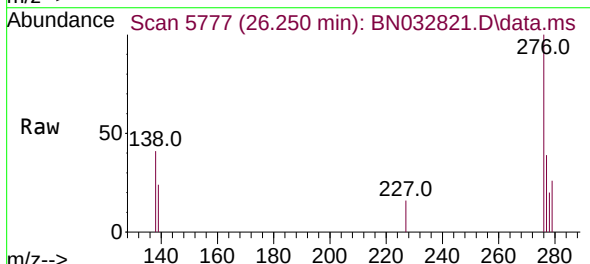
APPROVED

Reviewed By :Yogesh Patel 07/19/2024

Supervised By :mohammad ahmed 07/19/2024



#29
Benzo(g,h,i)perylene
Concen: 0.106 ng/ul
RT: 26.250 min Scan# 5777
Delta R.T. -0.010 min
Lab File: BN032821.D
Acq: 18 Jul 2024 17:26



Tgt Ion:276 Resp: 6358
Ion Ratio Lower Upper
276 100
138 41.0 21.0 31.4#
277 39.1 20.6 31.0#

