

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033080.D
 Acq On : 29 Jul 2024 22:39
 Operator : MA/JU
 Sample : P3347-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AZ0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 29 23:48:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 23:04:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.499	152	2191	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.245	136	8144	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.138	164	5712	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.903	188	12821m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.128	240	12921m	0.400	ng/ul	-0.03
23) Perylene-d12	23.311	264	13115m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	11796	4.256	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.857	152	4181	0.315	ng/ul	-0.05
18) Fluoranthene-d10	18.949	212	21634m	0.591	ng/ul	-0.03
Target Compounds						Qvalue
5) Naphthalene	10.295	128	3203685	153.184	ng/ul#	92
7) 2-Methylnaphthalene	11.928	142	245506	17.329	ng/ul	96
8) 1-Methylnaphthalene	12.148	142	190784	12.452	ng/ul	100
10) Acenaphthylene	13.861	152	14222	0.608	ng/ul#	96
11) Acenaphthene	14.199	153	231117	13.144	ng/ul	99
12) Fluorene	15.202	166	165995	8.100	ng/ul	98
15) Phenanthrene	16.945	178	349439m	10.161	ng/ul	
16) Anthracene	17.038	178	66137m	2.139	ng/ul	
19) Fluoranthene	18.981	202	246391	5.791	ng/ul	96
20) Pyrene	19.344	202	162569	3.563	ng/ul	98
21) Benzo(a)anthracene	21.110	228	89897m	2.040	ng/ul	
22) Chrysene	21.163	228	154905	3.012	ng/ul	99
24) Benzo(b)fluoranthene	22.659	252	113582m	2.965	ng/ul	
25) Benzo(k)fluoranthene	22.697	252	38348m	0.835	ng/ul	
26) Benzo(a)pyrene	23.211	252	71278	1.977	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.510	276	35720	0.651	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.503	278	10390	0.239	ng/ul#	86
29) Benzo(g,h,i)perylene	26.181	276	29894	0.686	ng/ul	94

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

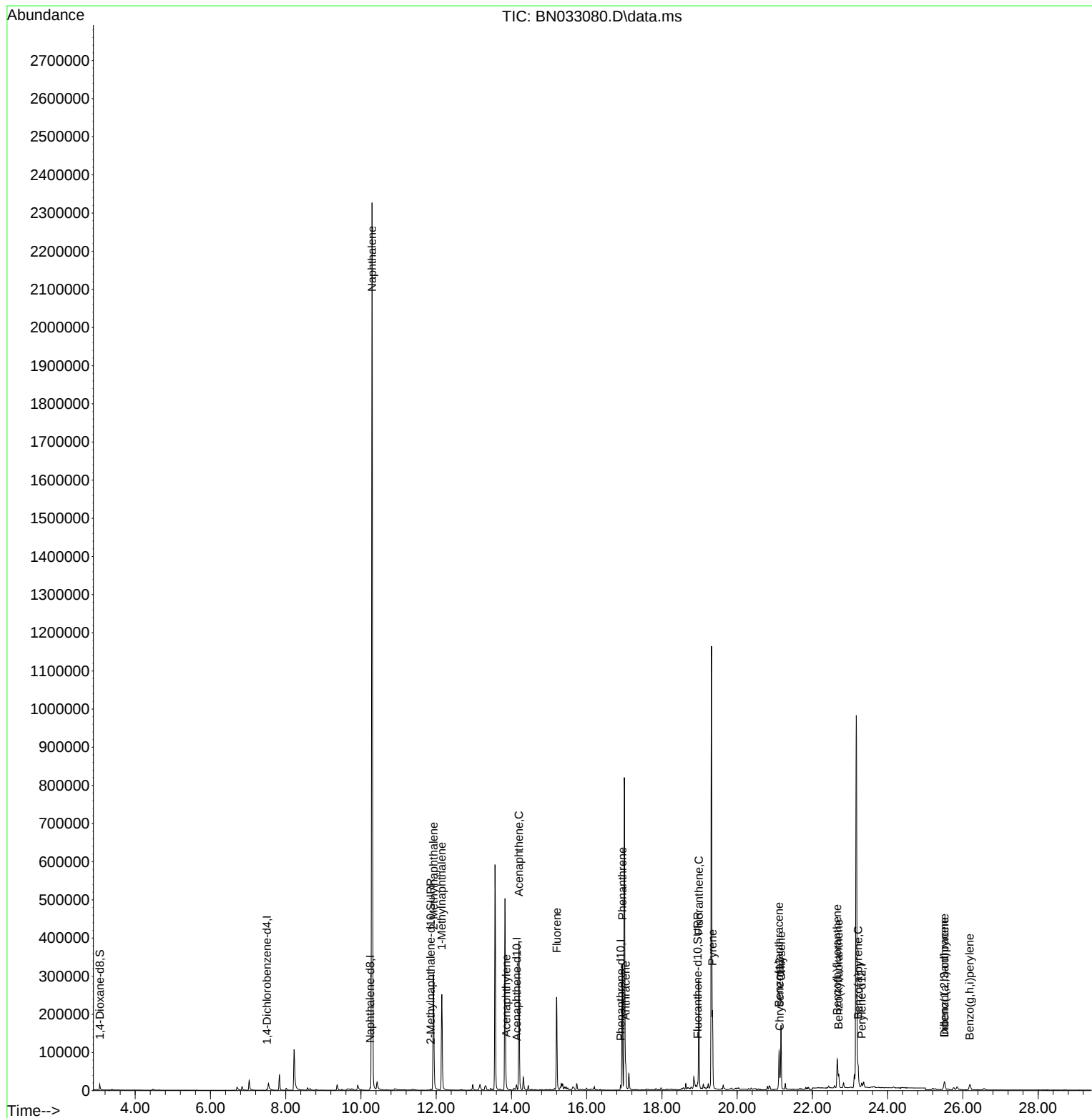
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033080.D
Acq On : 29 Jul 2024 22:39
Operator : MA/JU
Sample : P3347-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

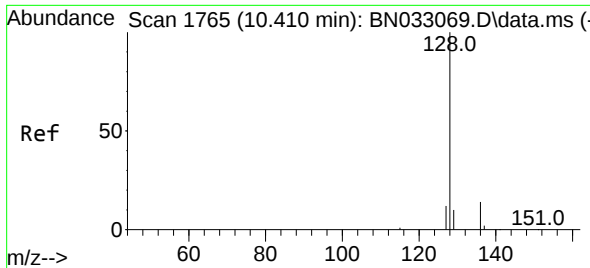
Instrument :
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C0AZ0

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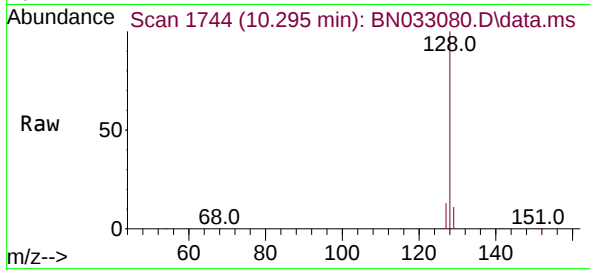
Quant Time: Jul 29 23:48:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 153.184 ng/ul
RT: 10.295 min Scan# 1765
Delta R.T. -0.055 min
Lab File: BN033080.D
Acq: 29 Jul 2024 22:39

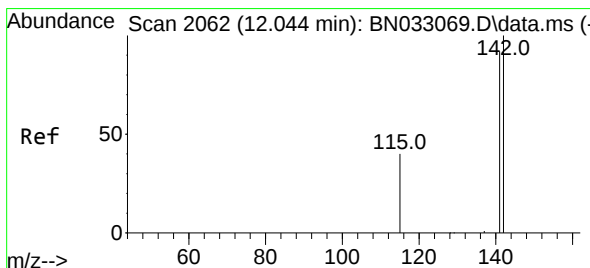
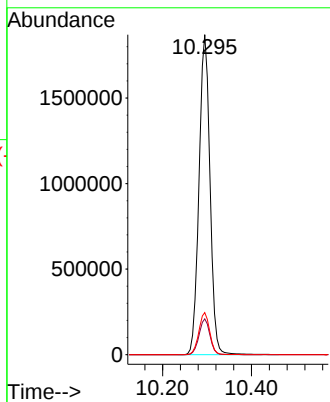
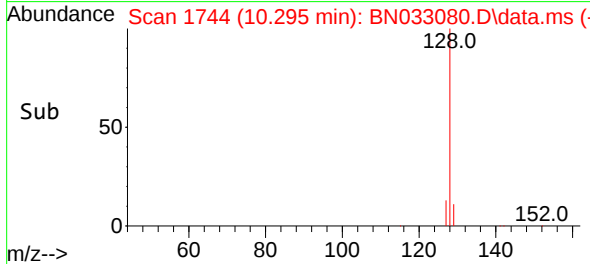
Instrument :
BNA_N
ClientSampleId :
C0AZ0



Tgt Ion:128 Resp: 320368
Ion Ratio Lower Upper
128 100
129 11.2 12.0 18.0
127 13.1 12.7 19.1

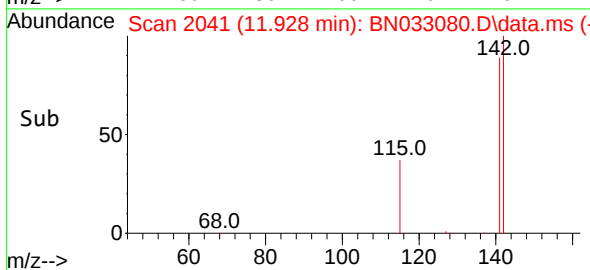
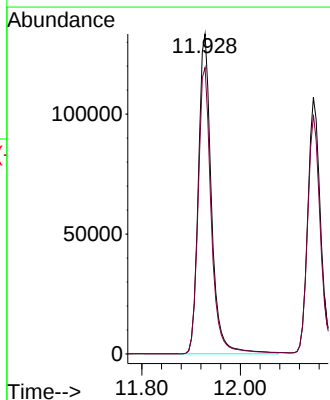
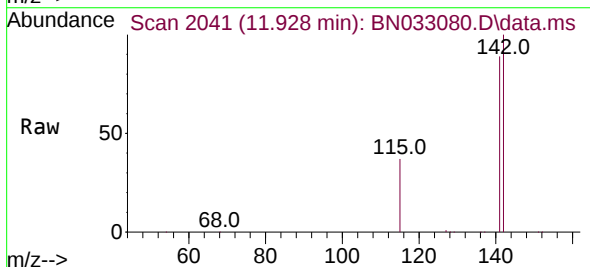
Manual Integrations
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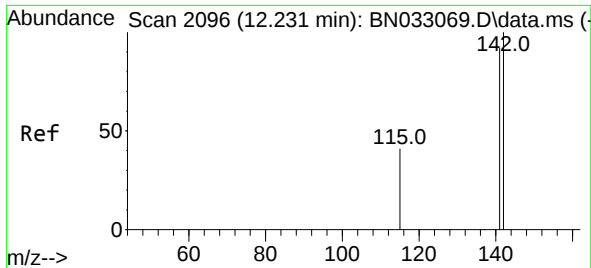
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#7
2-Methylnaphthalene
Concen: 17.329 ng/ul
RT: 11.928 min Scan# 2041
Delta R.T. -0.055 min
Lab File: BN033080.D
Acq: 29 Jul 2024 22:39

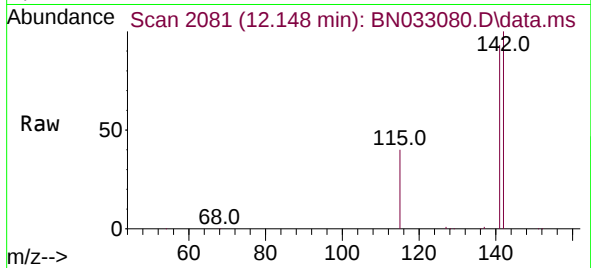
Tgt Ion:142 Resp: 245506
Ion Ratio Lower Upper
142 100
141 89.9 75.2 112.8





#8
1-Methylnaphthalene
Concen: 12.452 ng/ul
RT: 12.148 min Scan# 2096
Delta R.T. -0.049 min
Lab File: BN033080.D
Acq: 29 Jul 2024 22:39

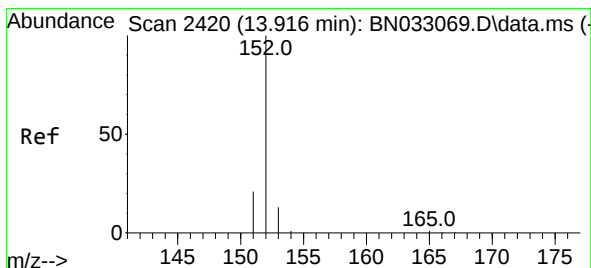
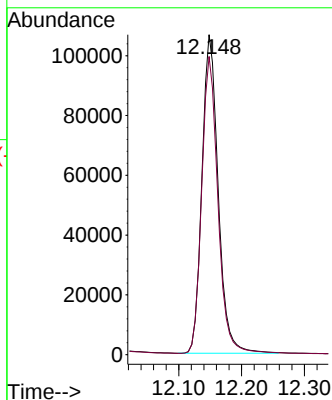
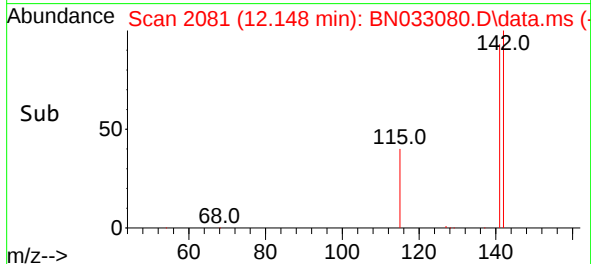
Instrument :
BNA_N
ClientSampleId :
C0AZ0



Tgt Ion:142 Resp: 190784
Ion Ratio Lower Upper
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141 92.9 74.3 111.5

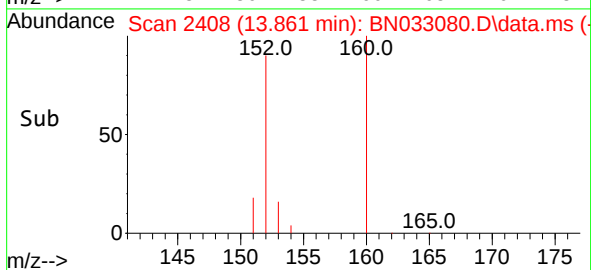
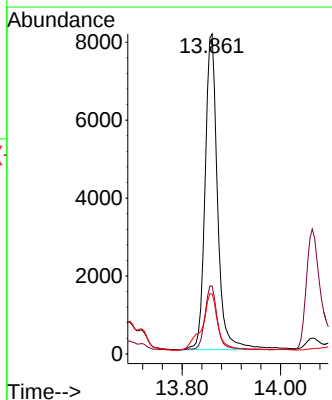
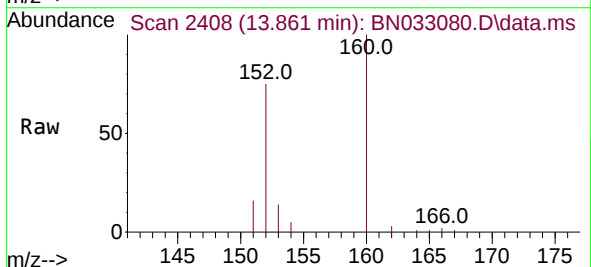
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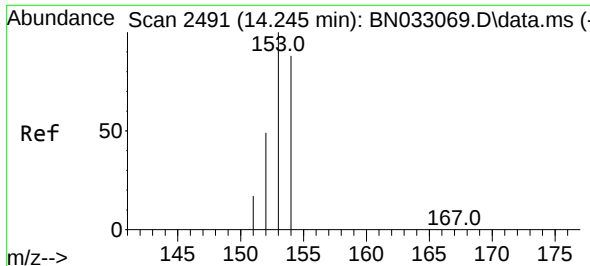
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#10
Acenaphthylene
Concen: 0.608 ng/ul
RT: 13.861 min Scan# 2408
Delta R.T. -0.037 min
Lab File: BN033080.D
Acq: 29 Jul 2024 22:39

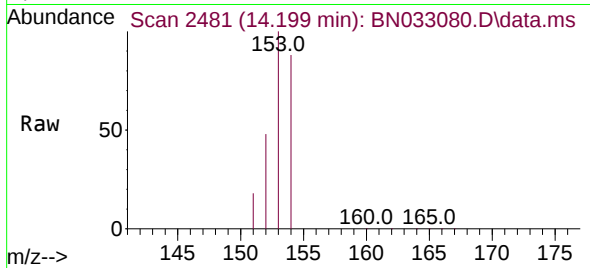
Tgt Ion:152 Resp: 14222
Ion Ratio Lower Upper
152 100
151 21.3 16.8 25.2
153 18.8 11.9 17.9#





#11
Acenaphthene
Concen: 13.144 ng/ul
RT: 14.199 min Scan# 2491
Delta R.T. -0.037 min
Lab File: BN033080.D
Acq: 29 Jul 2024 22:39

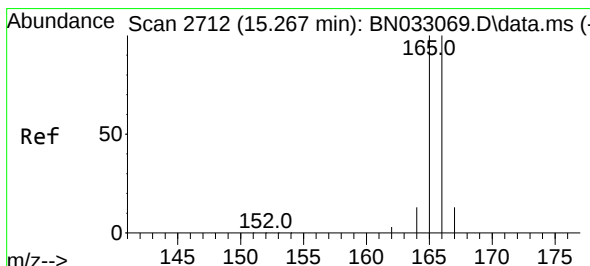
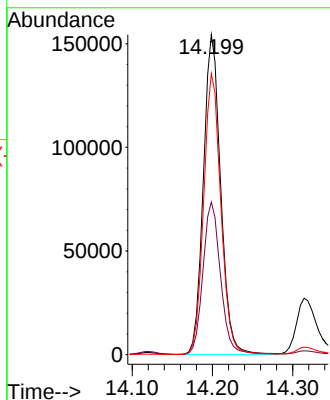
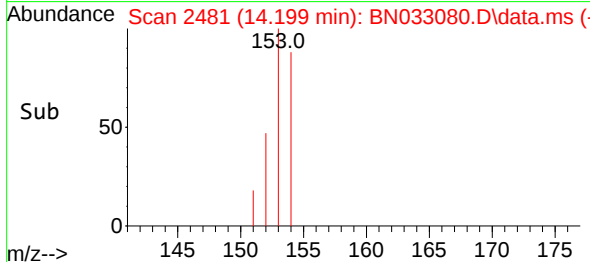
Instrument :
BNA_N
ClientSampleId :
C0AZ0



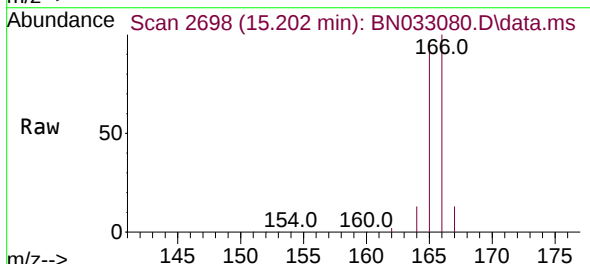
Tgt Ion:153 Resp: 231117
Ion Ratio Lower Upper
153 100
152 47.7 40.0 60.0
154 87.9 70.1 105.1

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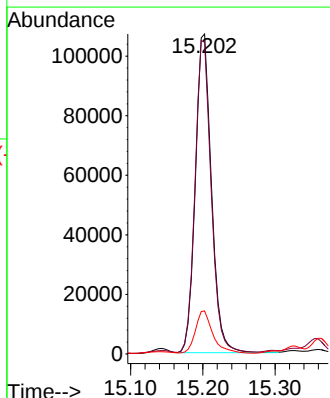
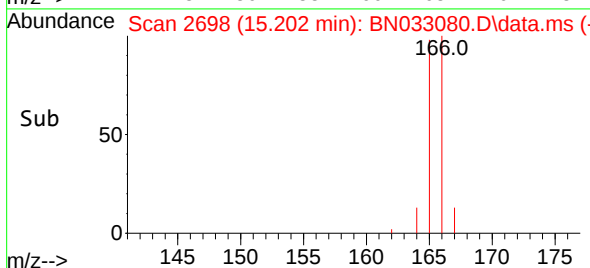
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

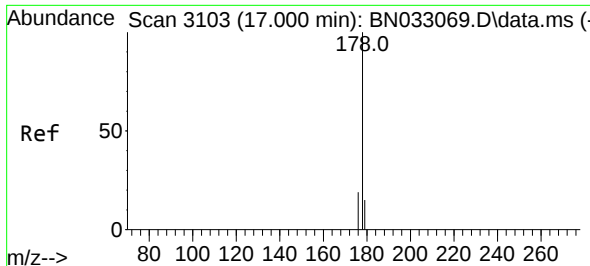


#12
Fluorene
Concen: 8.100 ng/ul
RT: 15.202 min Scan# 2698
Delta R.T. -0.042 min
Lab File: BN033080.D
Acq: 29 Jul 2024 22:39



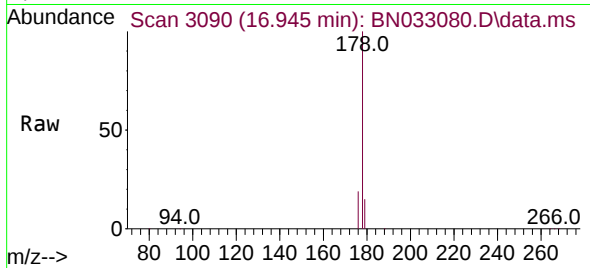
Tgt Ion:166 Resp: 165995
Ion Ratio Lower Upper
166 100
165 97.4 79.6 119.4
167 13.4 12.2 18.4





#15
Phenanthrene
Concen: 10.161 ng/ul m
RT: 16.945 min Scan# 3090
Delta R.T. -0.042 min
Lab File: BN033080.D
Acq: 29 Jul 2024 22:39

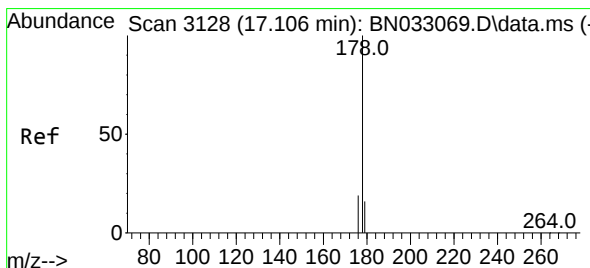
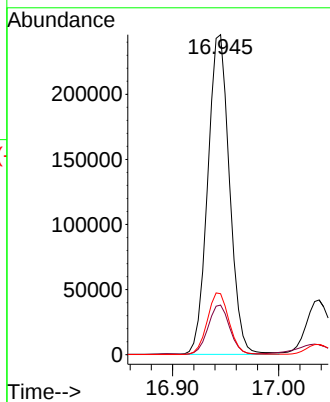
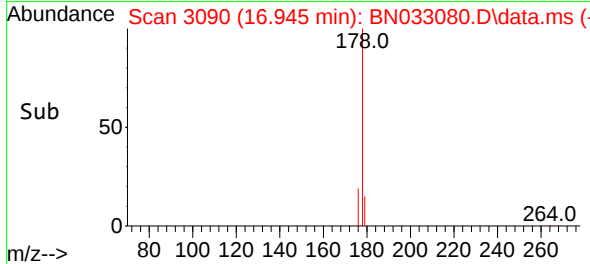
Instrument :
BNA_N
ClientSampleId :
COAZO



Tgt Ion:178 Resp: 349439
Ion Ratio Lower Upper
178 100
179 15.5 13.7 20.5
176 19.1 15.9 23.9

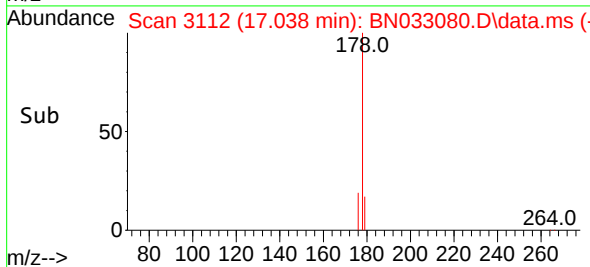
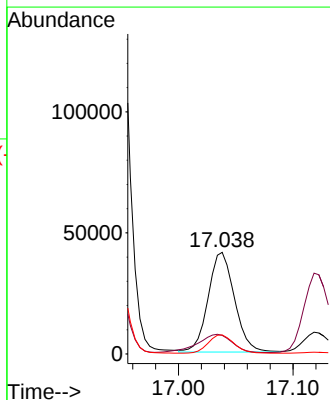
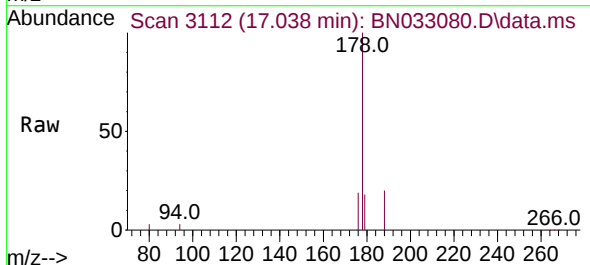
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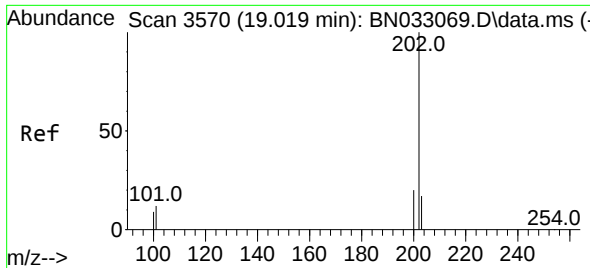
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#16
Anthracene
Concen: 2.139 ng/ul m
RT: 17.038 min Scan# 3112
Delta R.T. -0.046 min
Lab File: BN033080.D
Acq: 29 Jul 2024 22:39

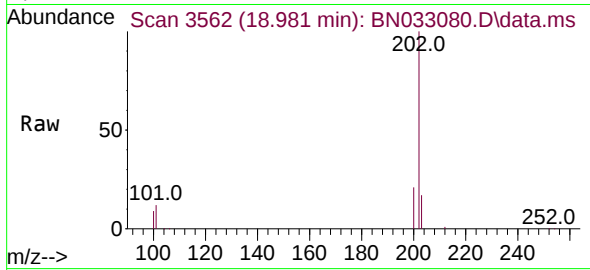
Tgt Ion:178 Resp: 66137
Ion Ratio Lower Upper
178 100
179 18.3 14.3 21.5
176 18.8 15.8 23.8





#19
Fluoranthene
Concen: 5.791 ng/ul
RT: 18.981 min Scan# 3562
Delta R.T. -0.032 min
Lab File: BN033080.D
Acq: 29 Jul 2024 22:39

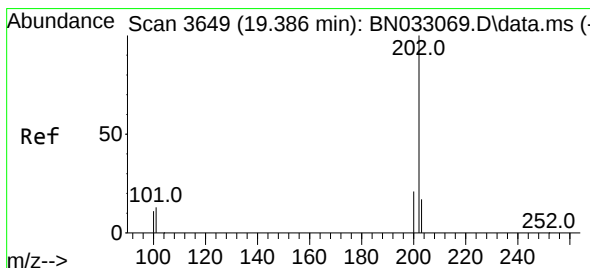
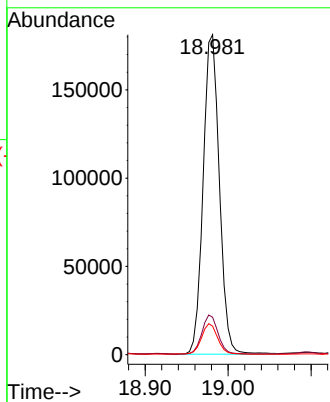
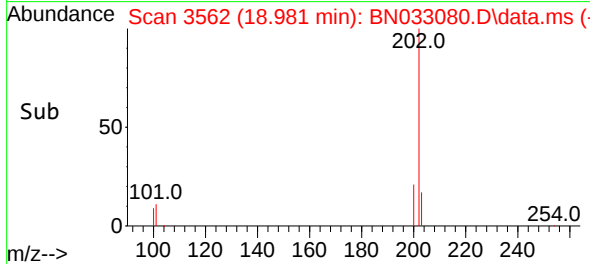
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ClientSampleId :
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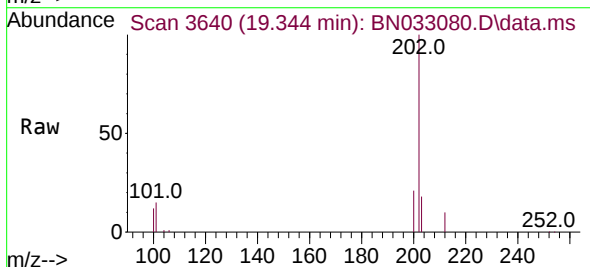
Tgt Ion:202 Resp: 24639
Ion Ratio Lower Upper
202 100
101 11.7 10.7 16.1
100 8.9 8.3 12.5

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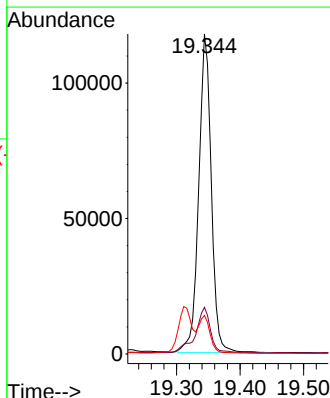
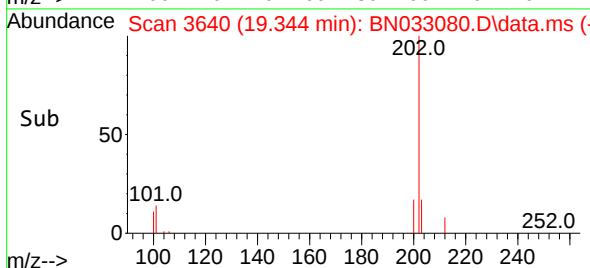
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

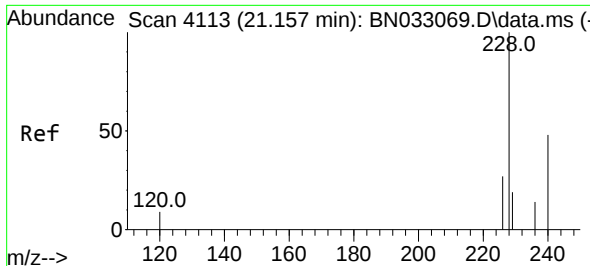


#20
Pyrene
Concen: 3.563 ng/ul
RT: 19.344 min Scan# 3640
Delta R.T. -0.037 min
Lab File: BN033080.D
Acq: 29 Jul 2024 22:39



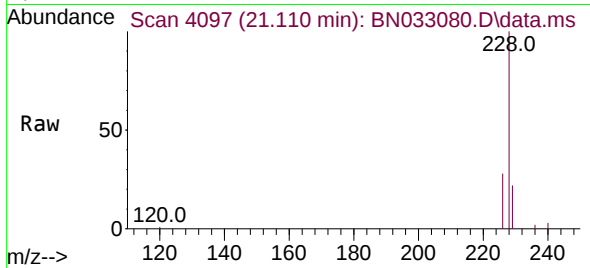
Tgt Ion:202 Resp: 162569
Ion Ratio Lower Upper
202 100
101 14.6 12.6 18.8
100 12.0 9.9 14.9





#21
Benzo(a)anthracene
Concen: 2.040 ng/ul m
RT: 21.110 min Scan# 4113
Delta R.T. -0.035 min
Lab File: BN033080.D
Acq: 29 Jul 2024 22:39

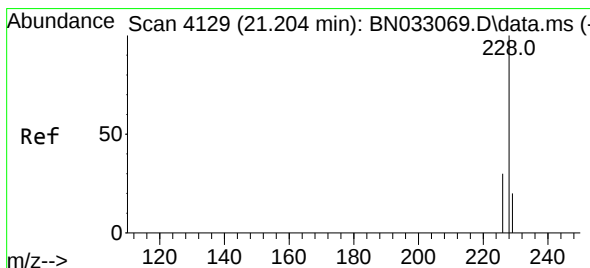
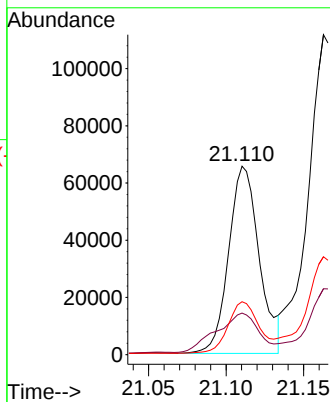
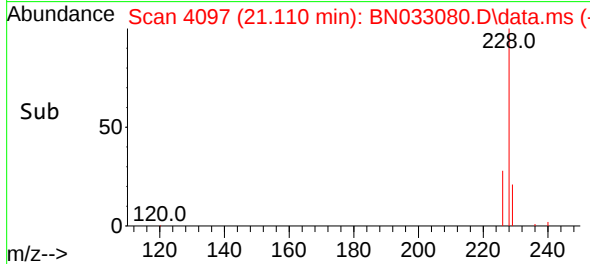
Instrument :
BNA_N
ClientSampleId :
C0AZ0



Tgt Ion:228 Resp: 8989
Ion Ratio Lower Upper
228 100
229 22.1 17.1 25.7
226 28.1 22.4 33.6

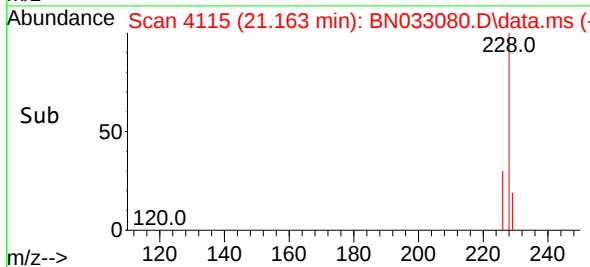
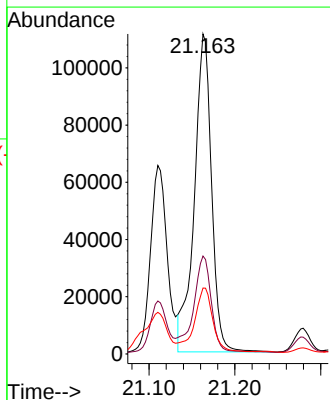
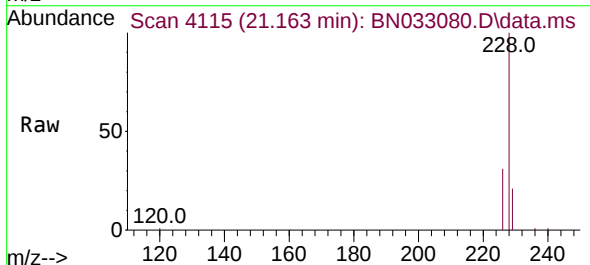
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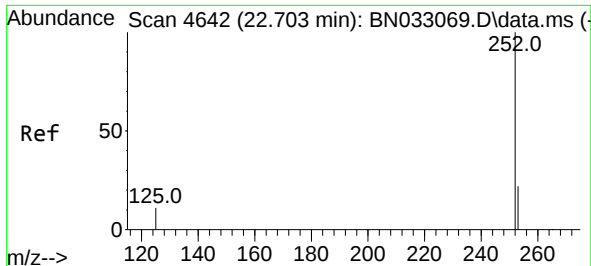
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#22
Chrysene
Concen: 3.012 ng/ul
RT: 21.163 min Scan# 4115
Delta R.T. -0.032 min
Lab File: BN033080.D
Acq: 29 Jul 2024 22:39

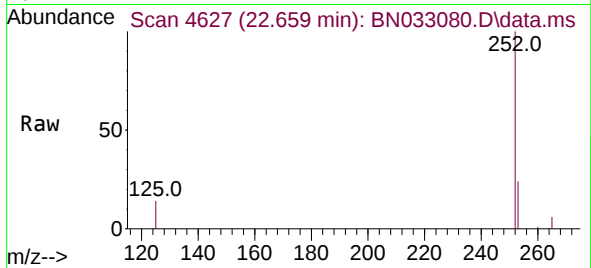
Tgt Ion:228 Resp: 154905
Ion Ratio Lower Upper
228 100
226 30.6 24.7 37.1
229 20.6 17.0 25.6





#24
Benzo(b)fluoranthene
Concen: 2.965 ng/ul m
RT: 22.659 min Scan# 4627
Delta R.T. -0.035 min
Lab File: BN033080.D
Acq: 29 Jul 2024 22:39

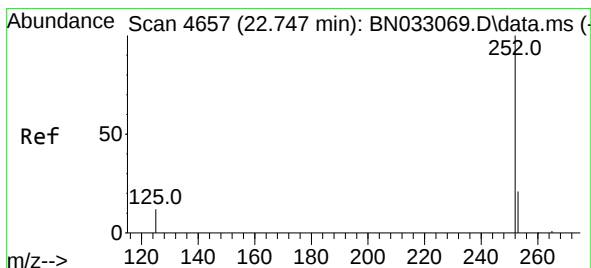
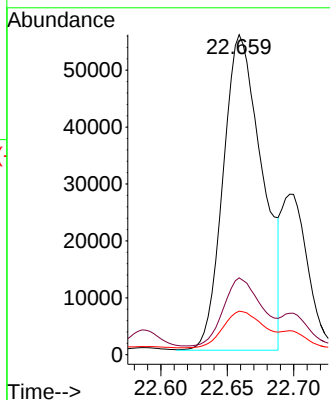
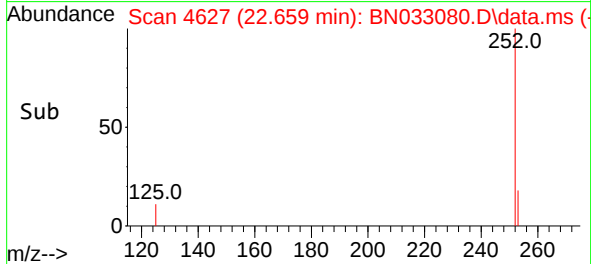
Instrument :
BNA_N
ClientSampleId :
COAZO



Tgt Ion:252 Resp: 11358
Ion Ratio Lower Upper
252 100
253 24.0 0.0 60.6
125 13.6 0.0 51.0

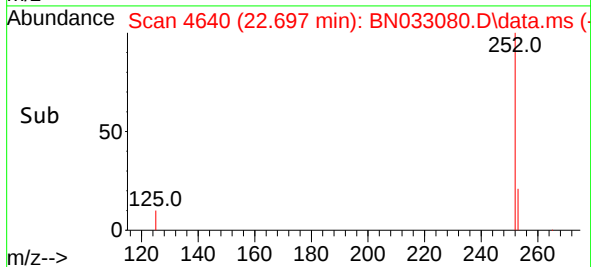
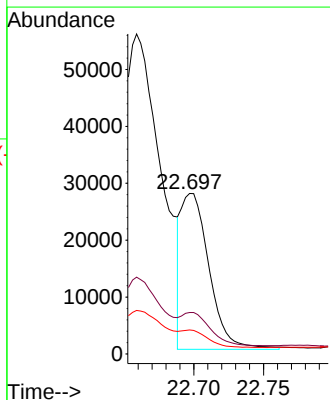
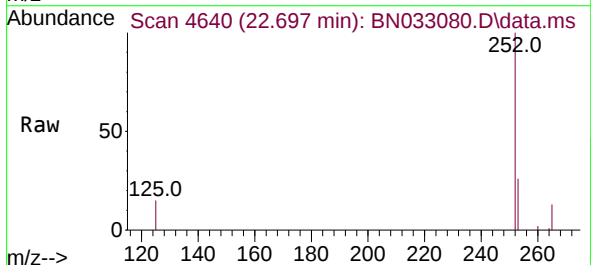
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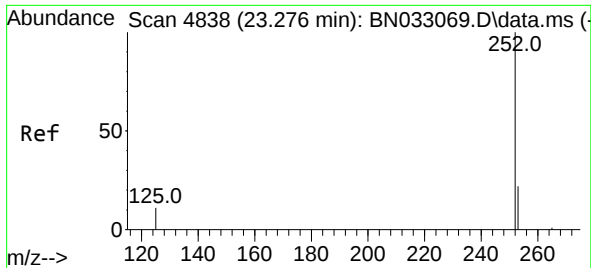
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#25
Benzo(k)fluoranthene
Concen: 0.835 ng/ul m
RT: 22.697 min Scan# 4640
Delta R.T. -0.038 min
Lab File: BN033080.D
Acq: 29 Jul 2024 22:39

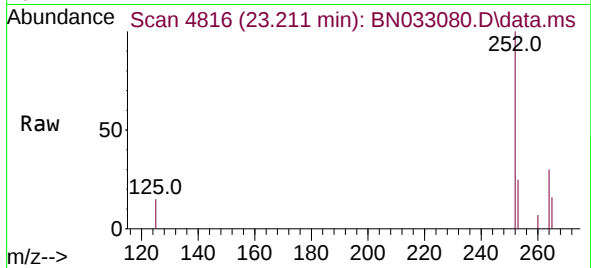
Tgt Ion:252 Resp: 38348
Ion Ratio Lower Upper
252 100
253 25.8 24.9 37.3
125 14.9 20.9 31.3#





#26
Benzo(a)pyrene
Concen: 1.977 ng/ul
RT: 23.211 min Scan# 4816
Delta R.T. -0.050 min
Lab File: BN033080.D
Acq: 29 Jul 2024 22:39

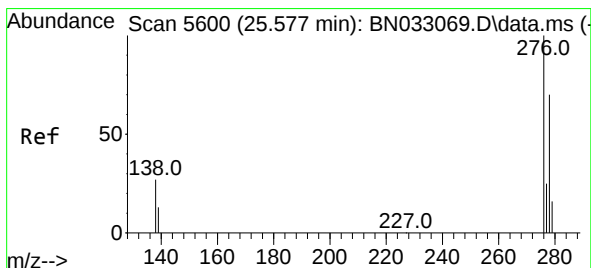
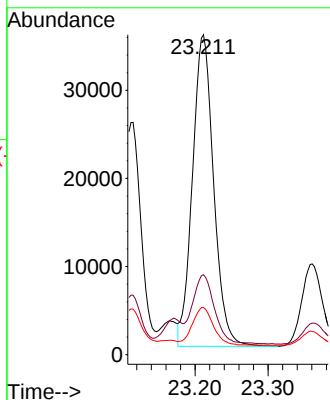
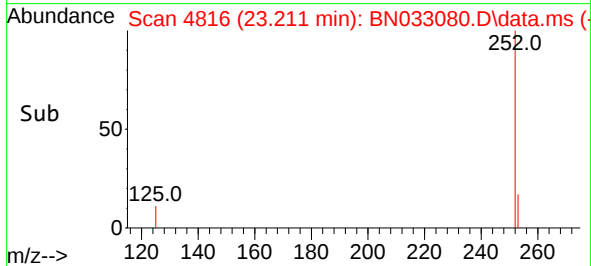
Instrument :
BNA_N
ClientSampleId :
C0AZ0



Tgt Ion:252 Resp: 71278
Ion Ratio Lower Upper
252 100
253 25.0 27.5 41.3
125 14.7 27.0 40.6

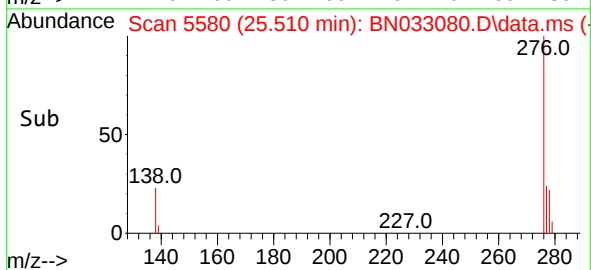
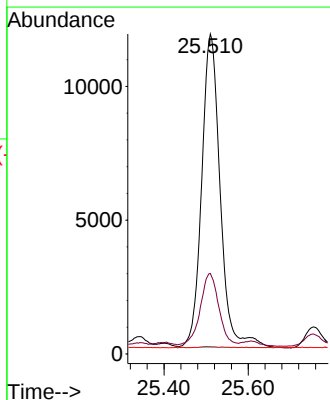
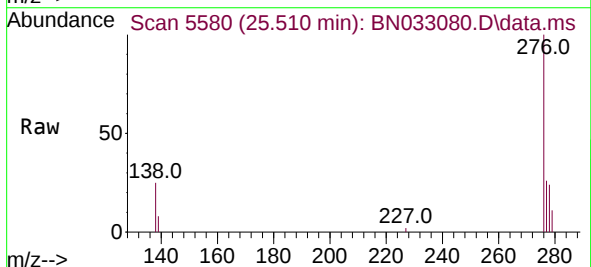
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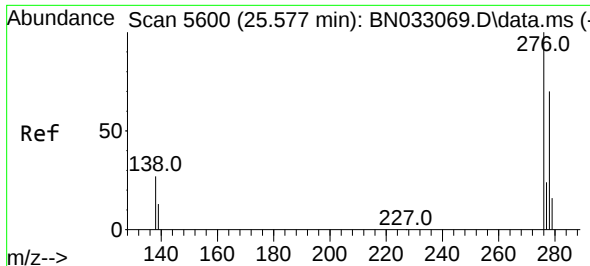
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.651 ng/ul
RT: 25.510 min Scan# 5580
Delta R.T. -0.050 min
Lab File: BN033080.D
Acq: 29 Jul 2024 22:39

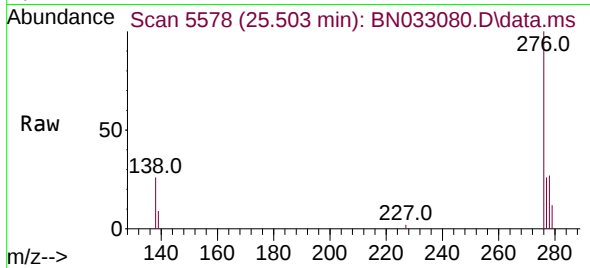
Tgt Ion:276 Resp: 35720
Ion Ratio Lower Upper
276 100
138 22.9 21.8 32.8
227 0.3 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.239 ng/ul
RT: 25.503 min Scan# 5578
Delta R.T. -0.057 min
Lab File: BN033080.D
Acq: 29 Jul 2024 22:39

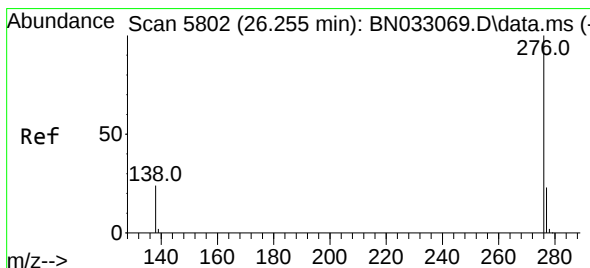
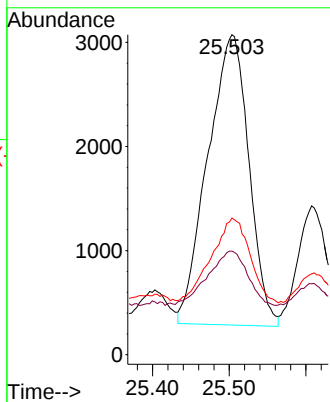
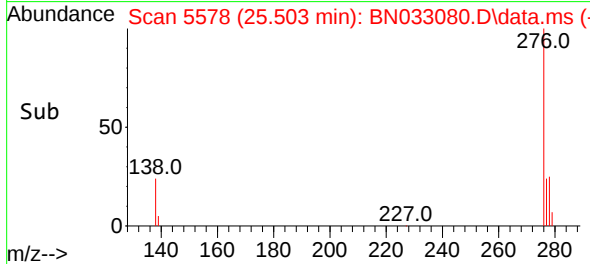
Instrument :
BNA_N
ClientSampleId :
C0AZ0



Tgt Ion:278 Resp: 10390
Ion Ratio Lower Upper
278 100
139 32.3 22.5 33.7
279 42.7 25.5 38.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#29
Benzo(g,h,i)perylene
Concen: 0.686 ng/ul
RT: 26.181 min Scan# 5780
Delta R.T. -0.060 min
Lab File: BN033080.D
Acq: 29 Jul 2024 22:39

Tgt Ion:276 Resp: 29894
Ion Ratio Lower Upper
276 100
138 26.3 24.6 37.0
277 26.3 22.6 34.0

