

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033077.D
 Acq On : 29 Jul 2024 20:50
 Operator : MA/JU
 Sample : P3347-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AY8

Manual Integrations
 APPROVED

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

Quant Time: Jul 29 23:07:47 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	7.495	152	2978	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.245	136	10622	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.134	164	13666	0.400	ng/ul	#-0.04
13) Phenanthrene-d10	16.903	188	18029m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.125	240	16223m	0.400	ng/ul	-0.03
23) Perylene-d12	23.305	264	18187m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	12616	3.349	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.846	152	4361	0.252	ng/ul	-0.07
18) Fluoranthene-d10	18.954	212	13880m	0.302	ng/ul	-0.03
Target Compounds					Qvalue	
5) Naphthalene	10.311	128	13831862	507.079	ng/ul#	94
7) 2-Methylnaphthalene	11.923	142	1132296	61.277	ng/ul	95
8) 1-Methylnaphthalene	12.143	142	1311275	65.621	ng/ul	100
10) Acenaphthylene	13.856	152	136687	2.444	ng/ul#	78
11) Acenaphthene	14.208	153	5197036	123.535	ng/ul	98
12) Fluorene	15.198	166	1867221	38.081	ng/ul	98
15) Phenanthrene	16.950	178	5835886m	120.680	ng/ul	
16) Anthracene	17.038	178	1067488m	24.552	ng/ul	
19) Fluoranthene	18.986	202	3023155	56.596	ng/ul	98
20) Pyrene	19.349	202	2096277	36.595	ng/ul	96
21) Benzo(a)anthracene	21.107	228	697924m	12.612	ng/ul	
22) Chrysene	21.160	228	554728	8.590	ng/ul	99
24) Benzo(b)fluoranthene	22.653	252	571631m	10.759	ng/ul	
25) Benzo(k)fluoranthene	22.691	252	223259m	3.507	ng/ul	
26) Benzo(a)pyrene	23.206	252	386418m	7.728	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.493	276	156108m	2.053	ng/ul	
28) Dibenzo(a,h)anthracene	25.487	278	46193m	0.767	ng/ul	
29) Benzo(g,h,i)perylene	26.164	276	132025m	2.185	ng/ul	

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

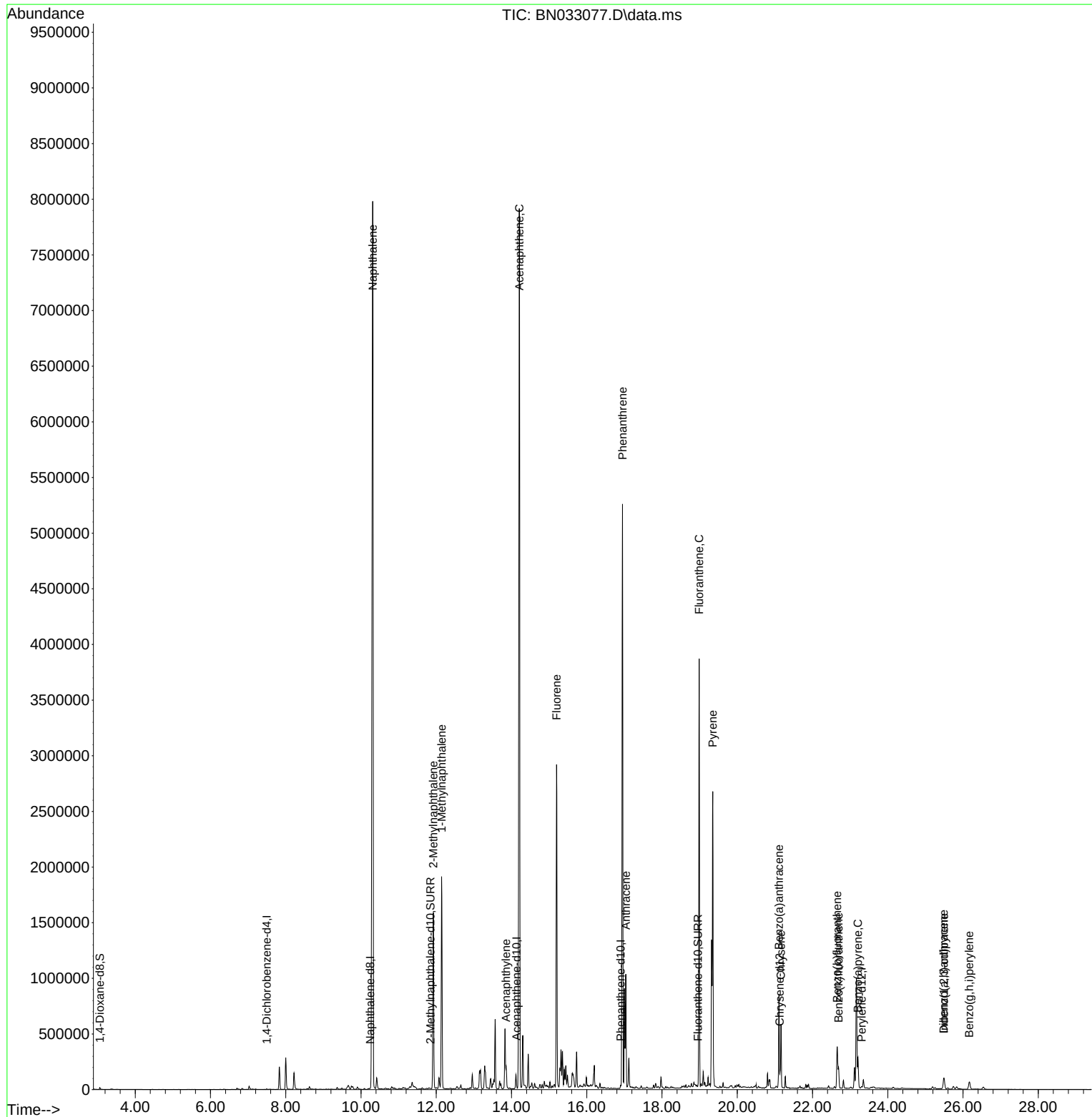
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033077.D
Acq On : 29 Jul 2024 20:50
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ALS Vial : 10 Sample Multiplier: 1

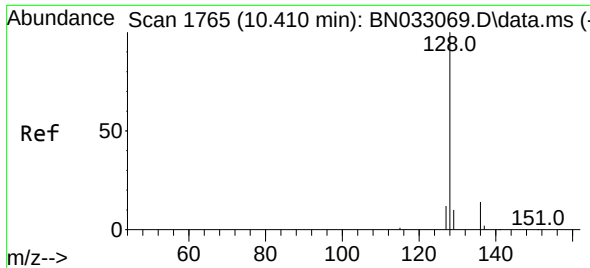
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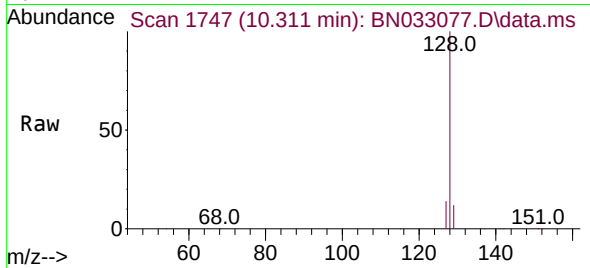
Quant Time: Jul 29 23:07:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
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#5
Naphthalene
Concen: 507.079 ng/ul
RT: 10.311 min Scan# 1765
Delta R.T. -0.038 min
Lab File: BN033077.D
Acq: 29 Jul 2024 20:50

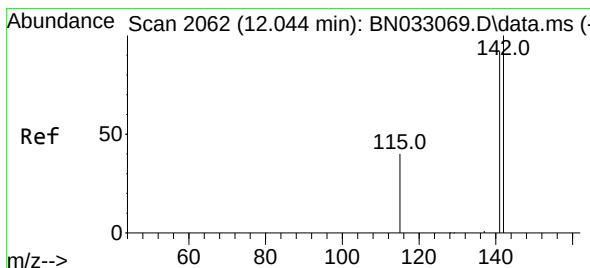
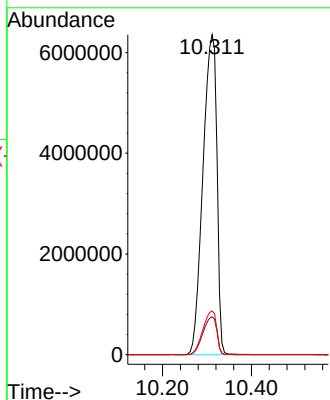
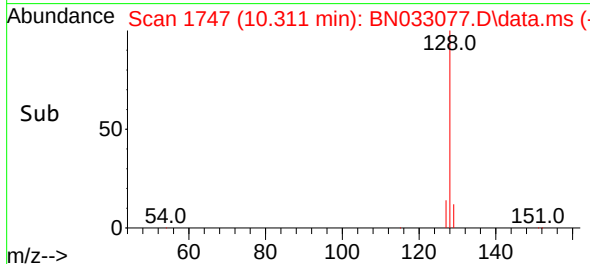
Instrument :
BNA_N
ClientSampleId :
C0AY8



Tgt Ion:128 Resp:13831862
Ion Ratio Lower Upper
128 100
129 11.8 12.0 18.0
127 13.7 12.7 19.1

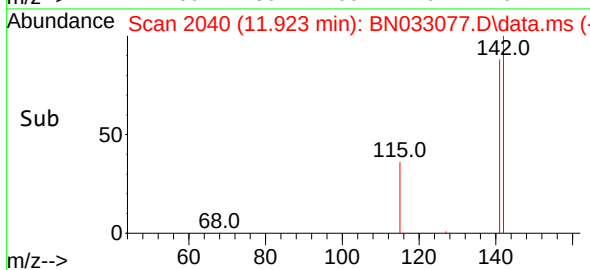
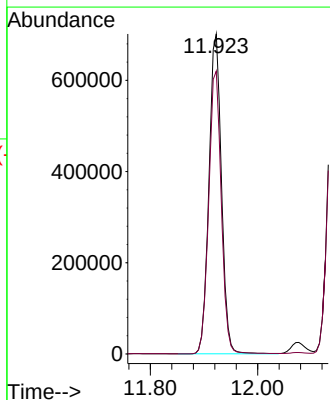
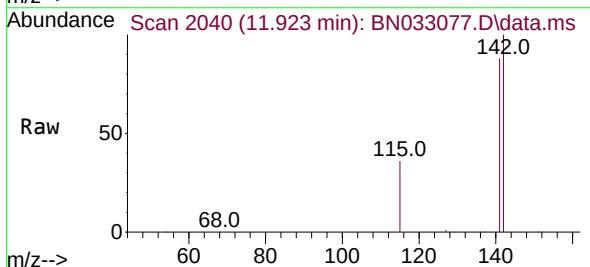
Manual Integrations
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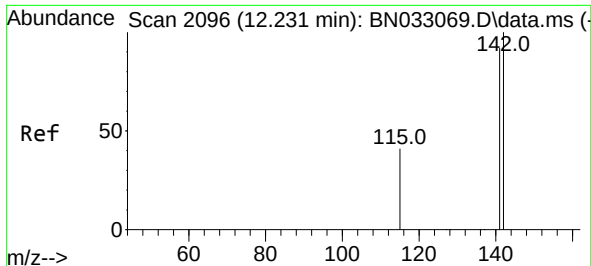
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#7
2-Methylnaphthalene
Concen: 61.277 ng/ul
RT: 11.923 min Scan# 2040
Delta R.T. -0.060 min
Lab File: BN033077.D
Acq: 29 Jul 2024 20:50

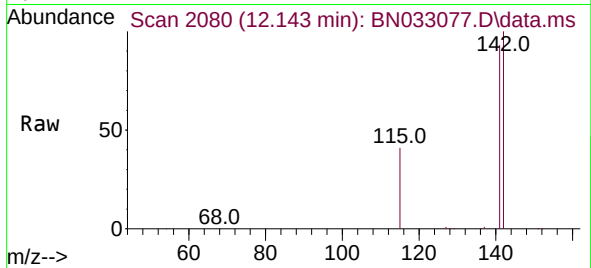
Tgt Ion:142 Resp: 1132296
Ion Ratio Lower Upper
142 100
141 89.1 75.2 112.8





#8
1-Methylnaphthalene
Concen: 65.621 ng/ul
RT: 12.143 min Scan# 2096
Delta R.T. -0.055 min
Lab File: BN033077.D
Acq: 29 Jul 2024 20:50

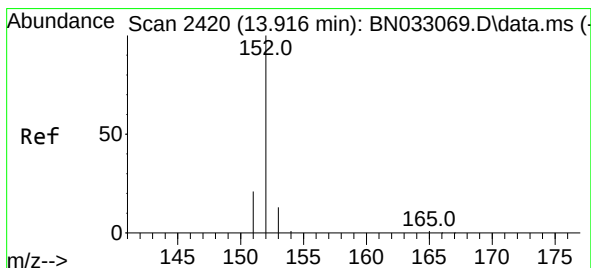
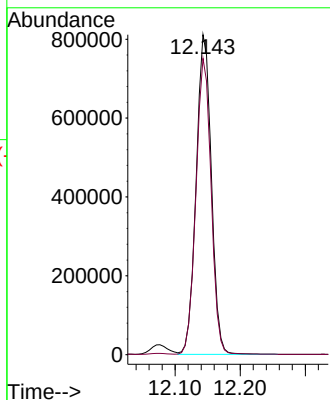
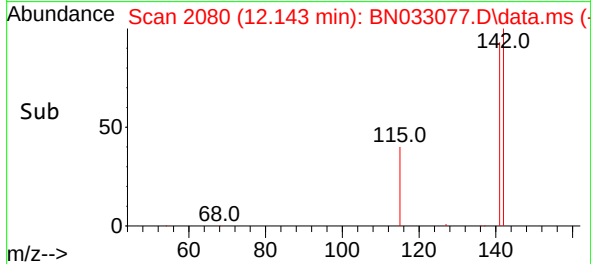
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 131127
Ion Ratio Lower Upper
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141 92.4 74.3 111.5

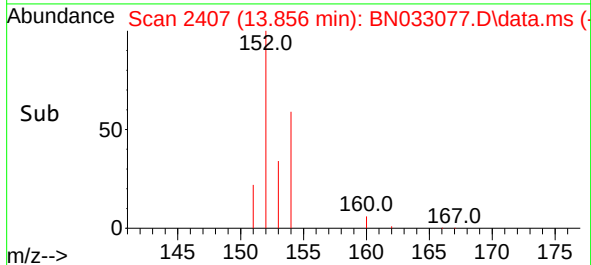
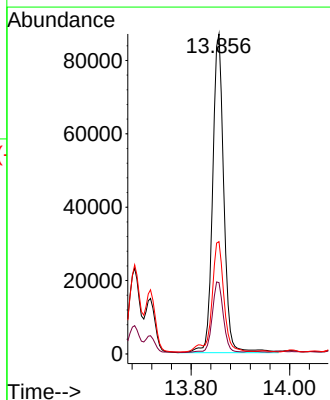
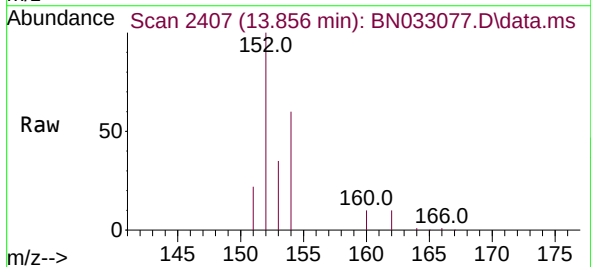
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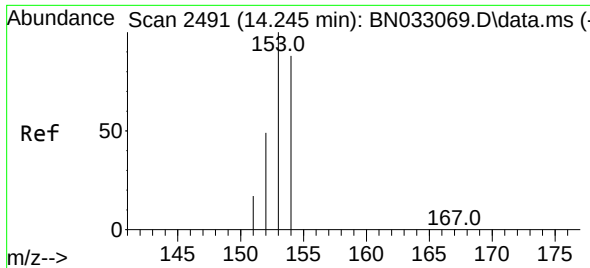
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#10
Acenaphthylene
Concen: 2.444 ng/ul
RT: 13.856 min Scan# 2407
Delta R.T. -0.041 min
Lab File: BN033077.D
Acq: 29 Jul 2024 20:50

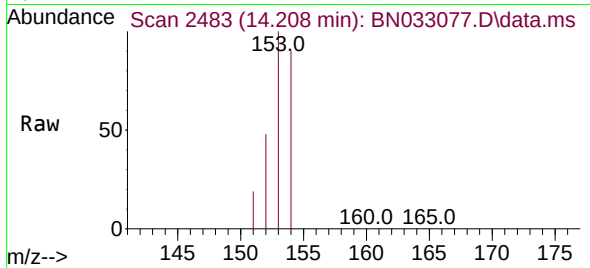
Tgt Ion:152 Resp: 136687
Ion Ratio Lower Upper
152 100
151 22.3 16.8 25.2
153 35.1 11.9 17.9#





#11
Acenaphthene
Concen: 123.535 ng/ul
RT: 14.208 min Scan# 2491
Delta R.T. -0.028 min
Lab File: BN033077.D
Acq: 29 Jul 2024 20:50

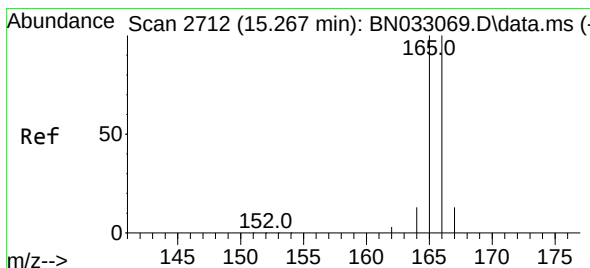
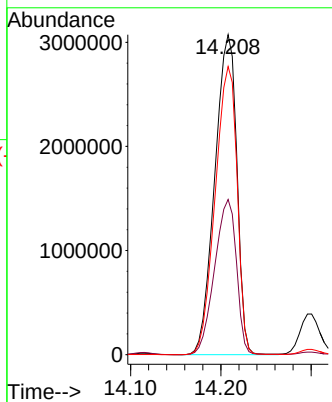
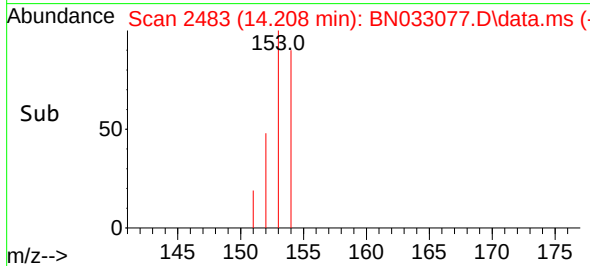
Instrument :
BNA_N
ClientSampleId :
C0AY8



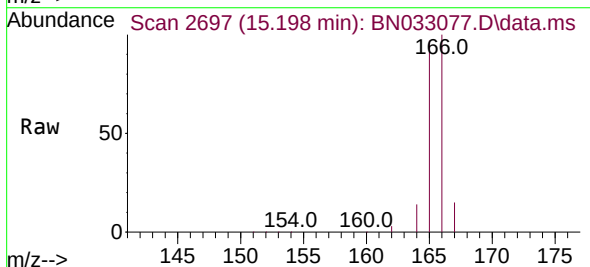
Tgt Ion:153 Resp: 5197030
Ion Ratio Lower Upper
153 100
152 48.5 40.0 60.0
154 90.1 70.1 105.1

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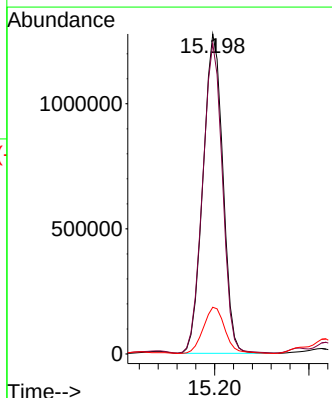
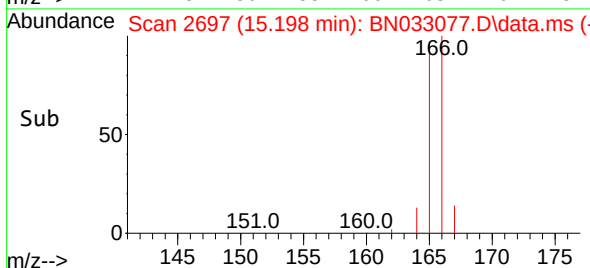
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

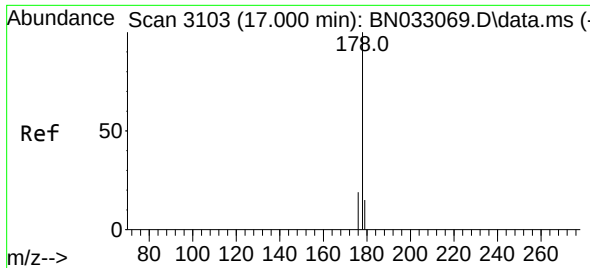


#12
Fluorene
Concen: 38.081 ng/ul
RT: 15.198 min Scan# 2697
Delta R.T. -0.046 min
Lab File: BN033077.D
Acq: 29 Jul 2024 20:50



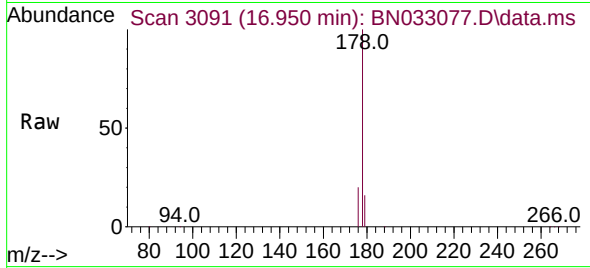
Tgt Ion:166 Resp: 1867221
Ion Ratio Lower Upper
166 100
165 97.0 79.6 119.4
167 14.6 12.2 18.4





#15
Phenanthrene
Concen: 120.680 ng/ul m
RT: 16.950 min Scan# 3091
Delta R.T. -0.038 min
Lab File: BN033077.D
Acq: 29 Jul 2024 20:50

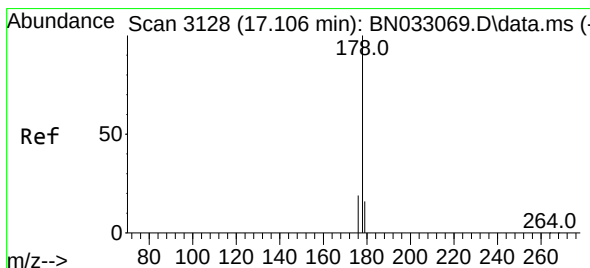
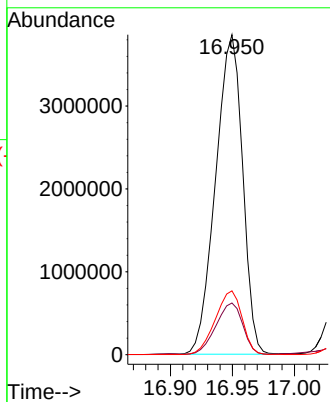
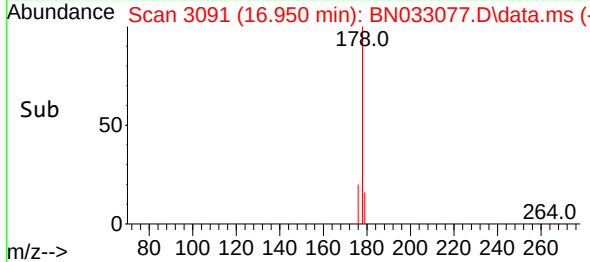
Instrument :
BNA_N
ClientSampleId :
C0AY8



Tgt Ion:178 Resp: 583588
Ion Ratio Lower Upper
178 100
179 16.2 13.7 20.5
176 20.0 15.9 23.9

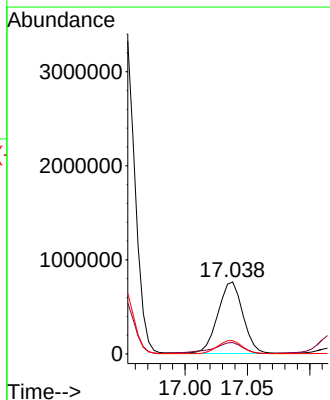
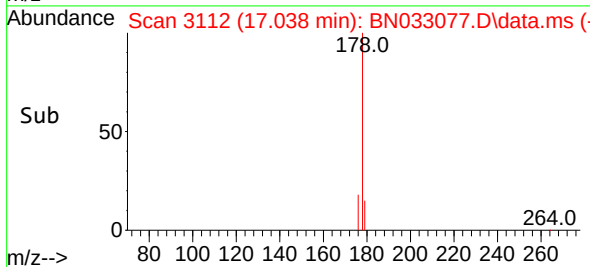
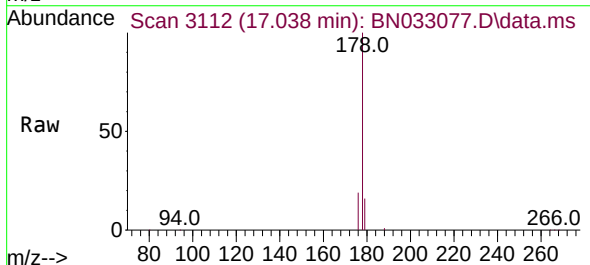
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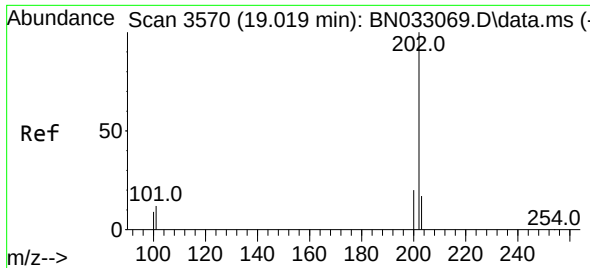
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#16
Anthracene
Concen: 24.552 ng/ul m
RT: 17.038 min Scan# 3112
Delta R.T. -0.046 min
Lab File: BN033077.D
Acq: 29 Jul 2024 20:50

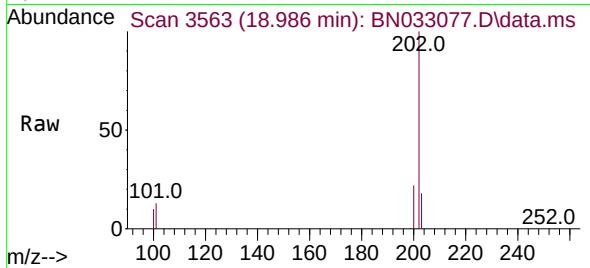
Tgt Ion:178 Resp: 1067488
Ion Ratio Lower Upper
178 100
179 15.9 14.3 21.5
176 18.5 15.8 23.8





#19
Fluoranthene
Concen: 56.596 ng/u1
RT: 18.986 min Scan# 3563
Delta R.T. -0.028 min
Lab File: BN033077.D
Acq: 29 Jul 2024 20:50

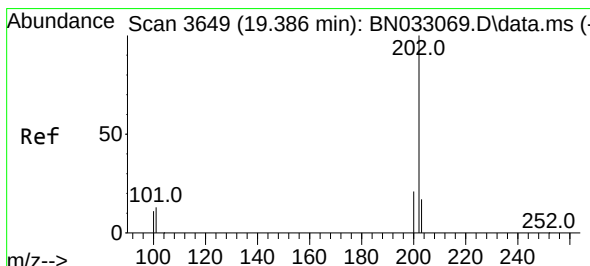
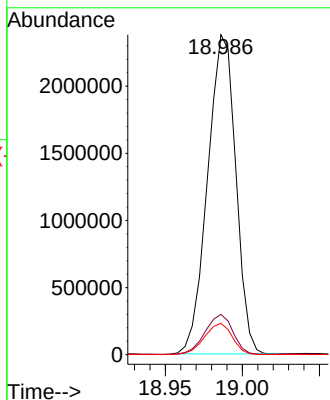
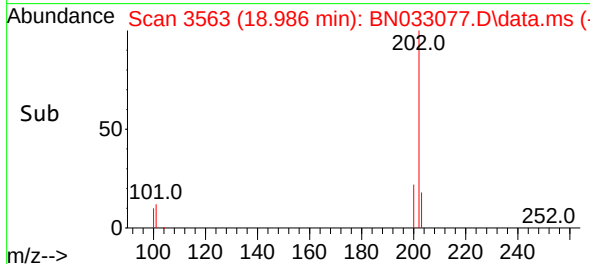
Instrument :
BNA_N
ClientSampleId :
C0AY8



Tgt Ion:202 Resp: 302315
Ion Ratio Lower Upper
202 100
101 12.6 10.7 16.1
100 9.8 8.3 12.5

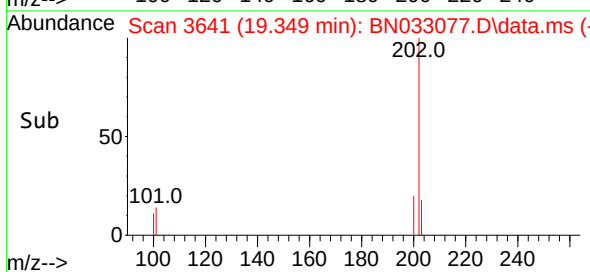
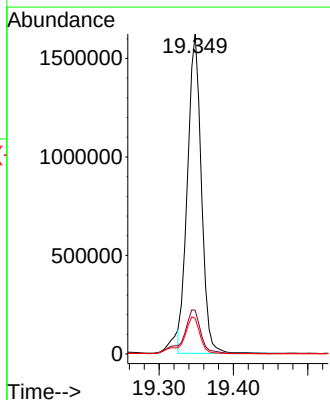
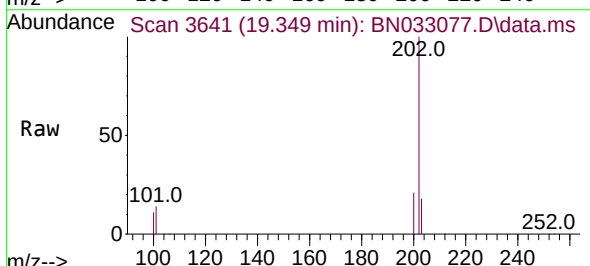
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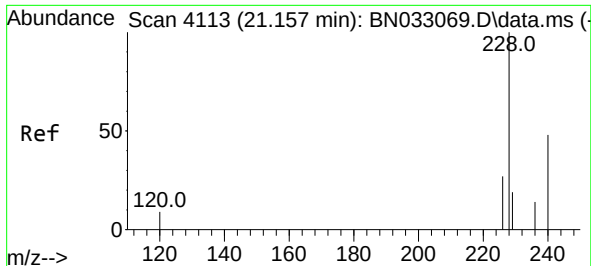
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#20
Pyrene
Concen: 36.595 ng/u1
RT: 19.349 min Scan# 3641
Delta R.T. -0.032 min
Lab File: BN033077.D
Acq: 29 Jul 2024 20:50

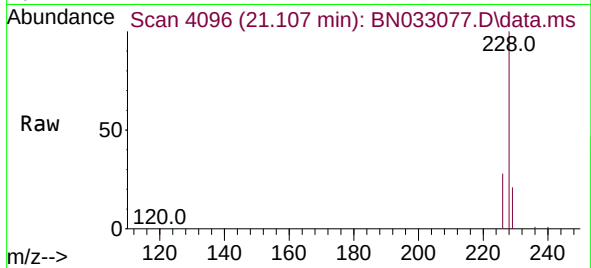
Tgt Ion:202 Resp: 2096277
Ion Ratio Lower Upper
202 100
101 13.7 12.6 18.8
100 11.2 9.9 14.9





#21
Benzo(a)anthracene
Concen: 12.612 ng/ul m
RT: 21.107 min Scan# 4113
Delta R.T. -0.038 min
Lab File: BN033077.D
Acq: 29 Jul 2024 20:50

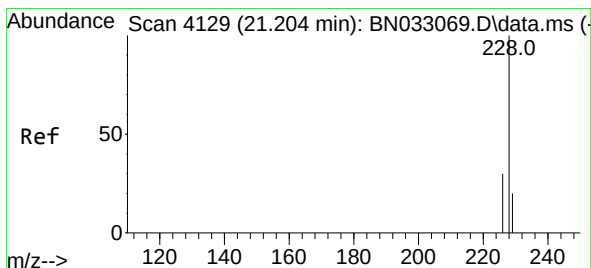
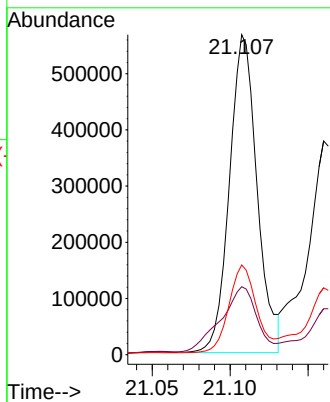
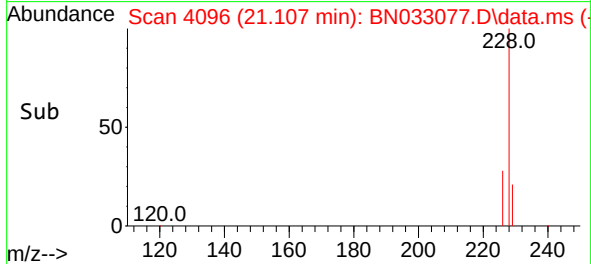
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:228 Resp: 697924
Ion Ratio Lower Upper
228 100
229 21.3 17.1 25.7
226 28.1 22.4 33.6

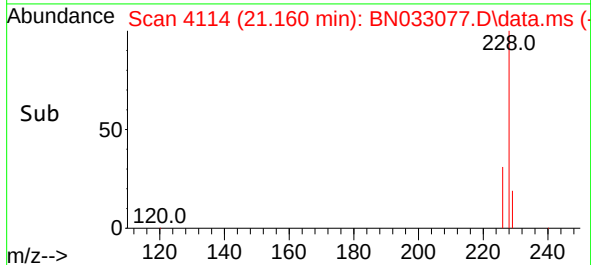
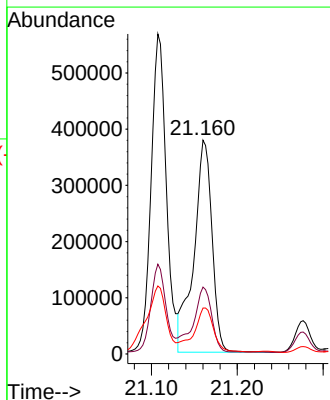
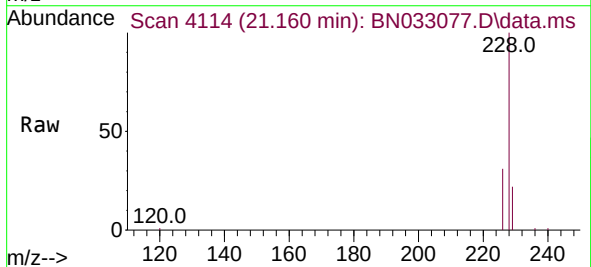
Manual Integrations
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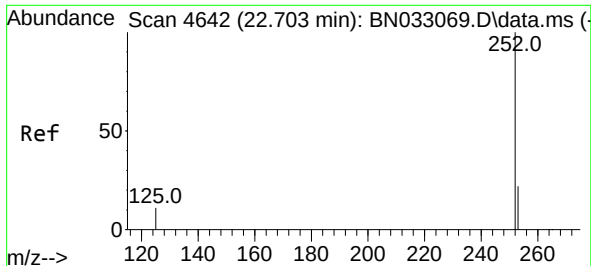
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#22
Chrysene
Concen: 8.590 ng/ul
RT: 21.160 min Scan# 4114
Delta R.T. -0.035 min
Lab File: BN033077.D
Acq: 29 Jul 2024 20:50

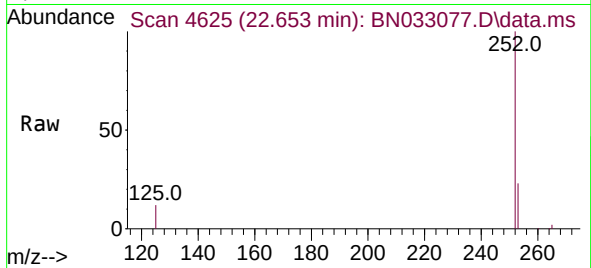
Tgt Ion:228 Resp: 554728
Ion Ratio Lower Upper
228 100
226 31.3 24.7 37.1
229 21.5 17.0 25.6





#24
Benzo(b)fluoranthene
Concen: 10.759 ng/ul m
RT: 22.653 min Scan# 4625
Delta R.T. -0.041 min
Lab File: BN033077.D
Acq: 29 Jul 2024 20:50

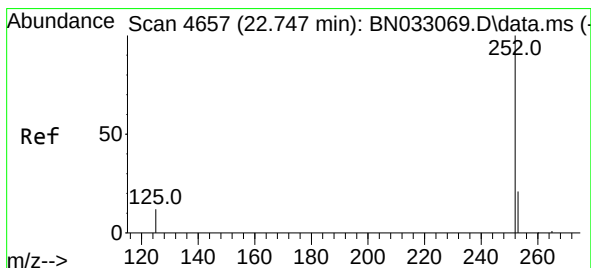
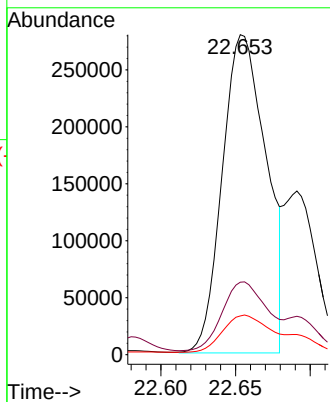
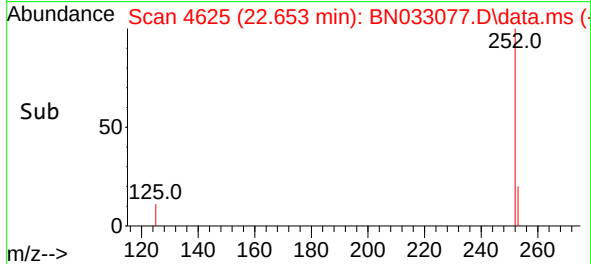
Instrument :
BNA_N
ClientSampleId :
C0AY8



Tgt Ion:252 Resp: 57163
Ion Ratio Lower Upper
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253 22.7 0.0 60.6
125 12.1 0.0 51.0

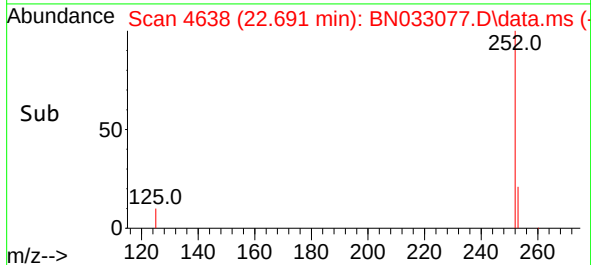
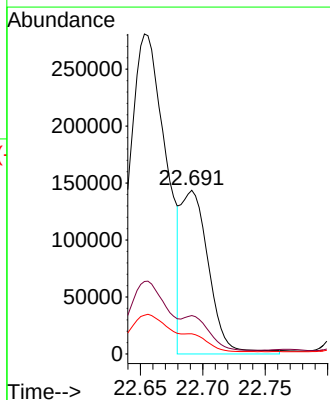
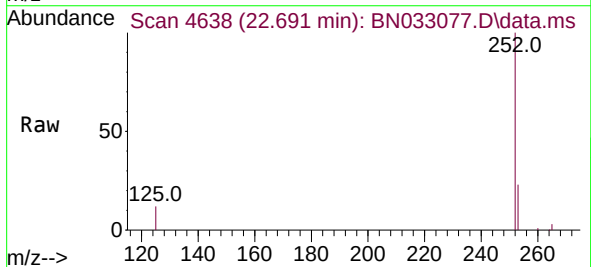
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APPROVED

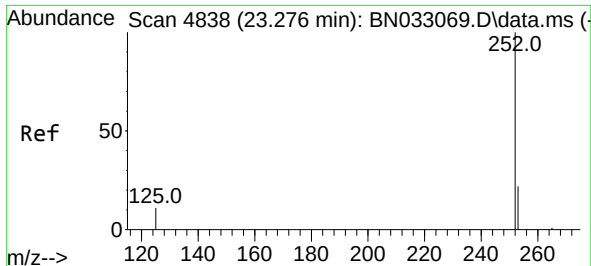
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#25
Benzo(k)fluoranthene
Concen: 3.507 ng/ul m
RT: 22.691 min Scan# 4638
Delta R.T. -0.044 min
Lab File: BN033077.D
Acq: 29 Jul 2024 20:50

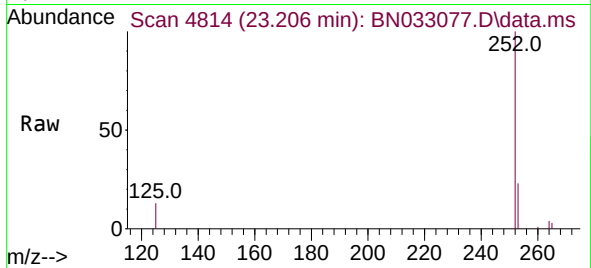
Tgt Ion:252 Resp: 223259
Ion Ratio Lower Upper
252 100
253 23.4 24.9 37.3#
125 12.3 20.9 31.3#





#26
Benzo(a)pyrene
Concen: 7.728 ng/ul m
RT: 23.206 min Scan# 4814
Delta R.T. -0.055 min
Lab File: BN033077.D
Acq: 29 Jul 2024 20:50

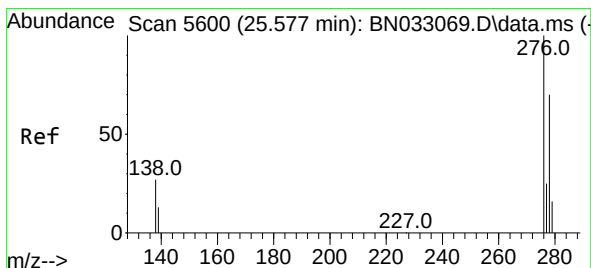
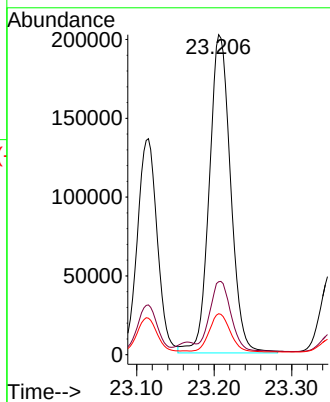
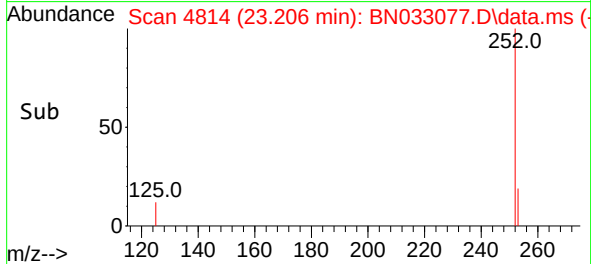
Instrument :
BNA_N
ClientSampleId :
C0AY8



Tgt Ion:252 Resp: 386418
Ion Ratio Lower Upper
252 100
253 22.8 27.5 41.3#
125 12.8 27.0 40.6#

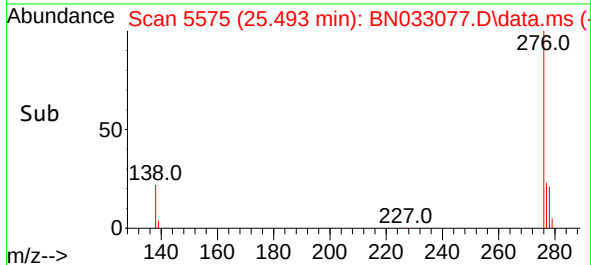
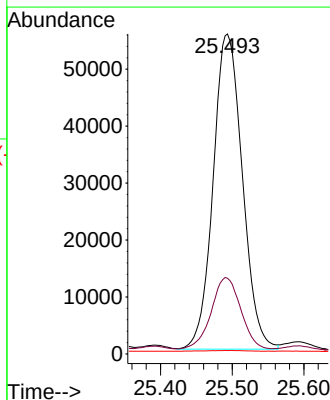
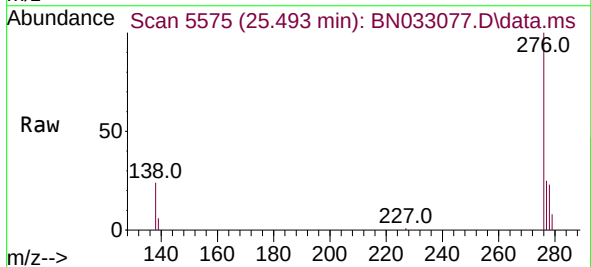
Manual Integrations
APPROVED

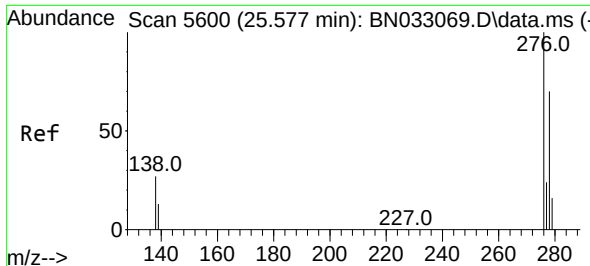
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.053 ng/ul m
RT: 25.493 min Scan# 5575
Delta R.T. -0.067 min
Lab File: BN033077.D
Acq: 29 Jul 2024 20:50

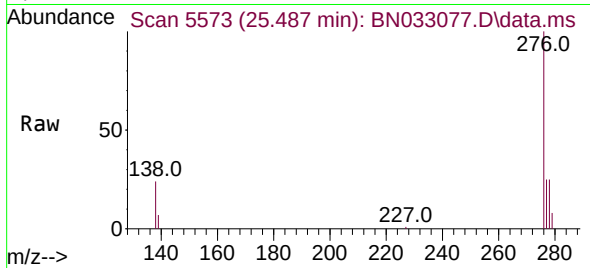
Tgt Ion:276 Resp: 156108
Ion Ratio Lower Upper
276 100
138 3.3 21.8 32.8#
227 0.0 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.767 ng/ul m
RT: 25.487 min Scan# 51
Delta R.T. -0.074 min
Lab File: BN033077.D
Acq: 29 Jul 2024 20:50

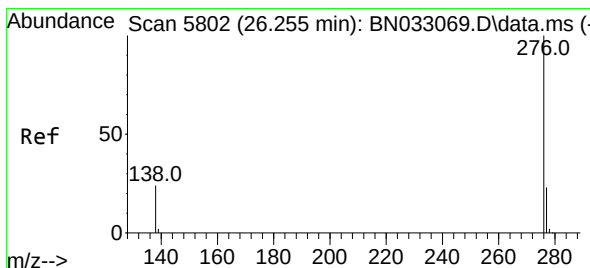
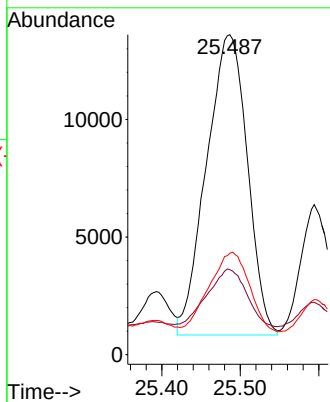
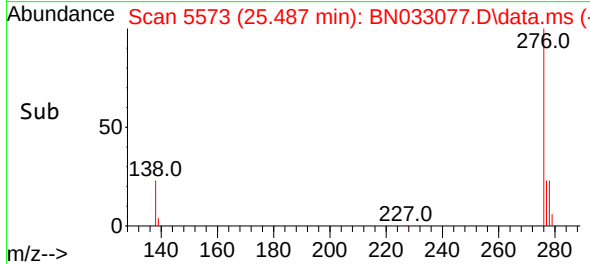
Instrument :
BNA_N
ClientSampleId :
C0AY8



Tgt Ion:278 Resp: 4619
Ion Ratio Lower Upper
278 100
139 26.6 22.5 33.7
279 31.7 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: 2.185 ng/ul m
RT: 26.164 min Scan# 5775
Delta R.T. -0.077 min
Lab File: BN033077.D
Acq: 29 Jul 2024 20:50

Tgt Ion:276 Resp: 132025
Ion Ratio Lower Upper
276 100
138 24.6 24.6 37.0#
277 24.8 22.6 34.0

