

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033076.D
 Acq On : 29 Jul 2024 20:14
 Operator : MA/JU
 Sample : P3347-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AX6

Manual Integrations
 APPROVED

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

Quant Time: Jul 29 23:07:38 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	7.503	152	2335	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.256	136	8416	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.139	164	5882	0.400	ng/ul	#-0.03
13) Phenanthrene-d10	16.907	188	13395m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.134	240	12789m	0.400	ng/ul	-0.03
23) Perylene-d12	23.314	264	12353m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	11292	3.823	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.879	152	3983	0.290	ng/ul	-0.03
18) Fluoranthene-d10	18.949	212	12811	0.354	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.306	128	5106	0.236	ng/ul	97
8) 1-Methylnaphthalene	12.165	142	8092	0.511	ng/ul#	75
10) Acenaphthylene	13.856	152	6912	0.287	ng/ul#	84
11) Acenaphthene	14.199	153	267989	14.800	ng/ul	98
12) Fluorene	15.203	166	257574	12.205	ng/ul	98
14) Pentachlorophenol	16.599	266	131m	0.048	ng/ul	
15) Phenanthrene	16.945	178	3217m	0.090	ng/ul	
16) Anthracene	17.038	178	29646m	0.918	ng/ul	
19) Fluoranthene	18.981	202	135360	3.215	ng/ul	97
20) Pyrene	19.344	202	91758	2.032	ng/ul	98
21) Benzo(a)anthracene	21.119	228	9686	0.222	ng/ul#	91
22) Chrysene	21.172	228	4188	0.082	ng/ul#	77
24) Benzo(b)fluoranthene	22.665	252	9767m	0.271	ng/ul	
25) Benzo(k)fluoranthene	22.703	252	3133m	0.072	ng/ul	
26) Benzo(a)pyrene	23.212	252	6595	0.194	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.524	276	7370	0.143	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.520	278	1314	0.032	ng/ul#	1
29) Benzo(g,h,i)perylene	26.191	276	12646	0.308	ng/ul	97

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

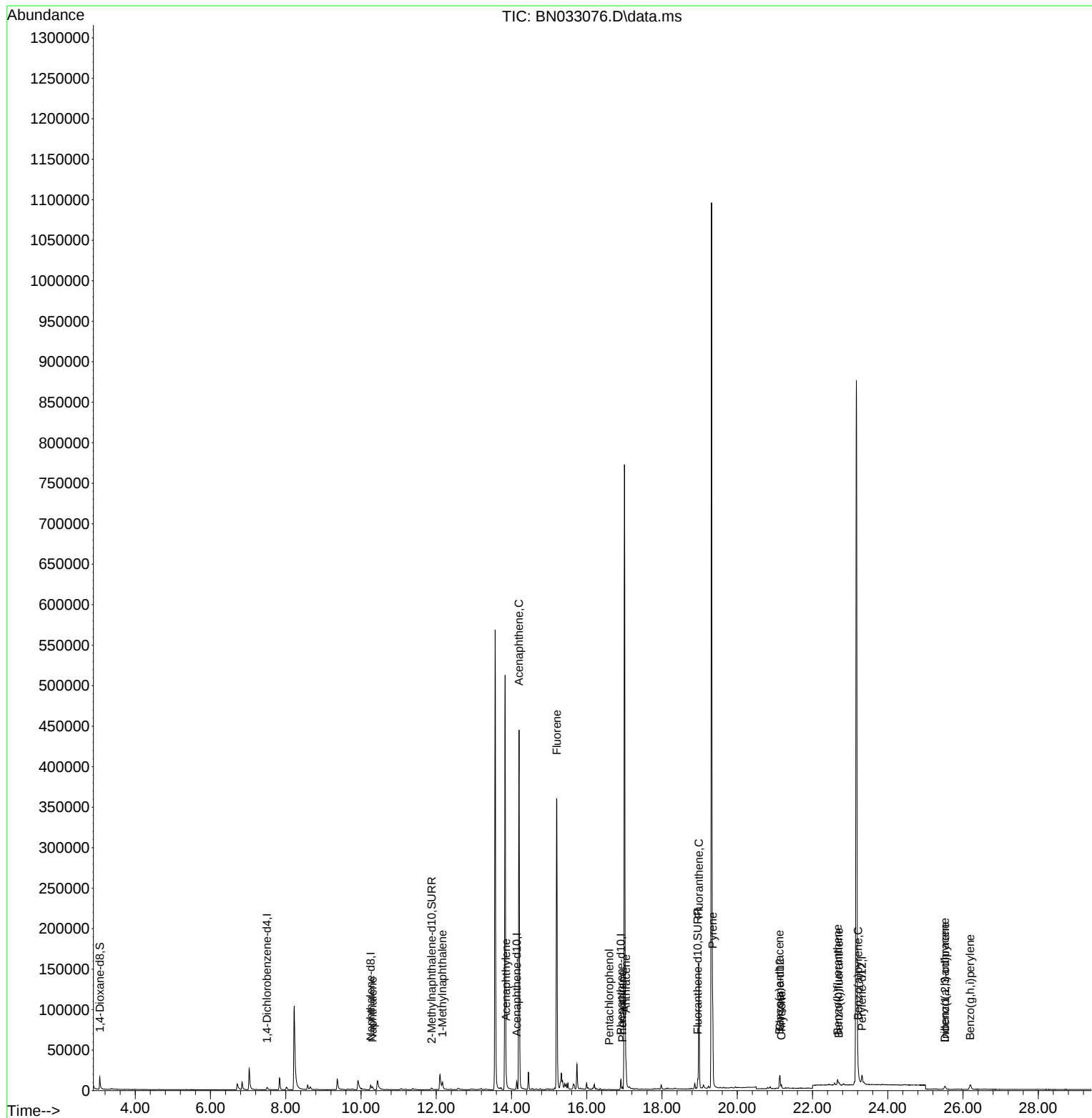
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033076.D
Acq On : 29 Jul 2024 20:14
Operator : MA/JU
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ALS Vial : 9 Sample Multiplier: 1

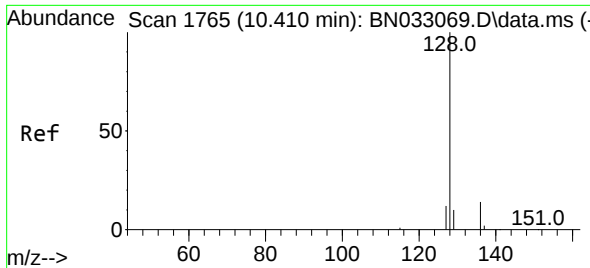
Instrument :
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ClientSampleId :
C0AX6

Manual Integrations
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Supervised By :mohammad ahmed 07/31/2024

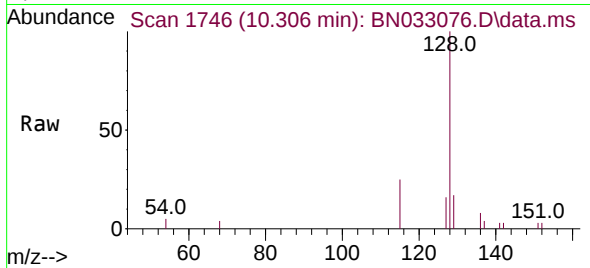
Quant Time: Jul 29 23:07:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.236 ng/ul
RT: 10.306 min Scan# 1765
Delta R.T. -0.044 min
Lab File: BN033076.D
Acq: 29 Jul 2024 20:14

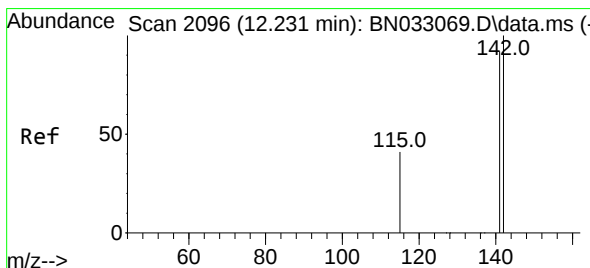
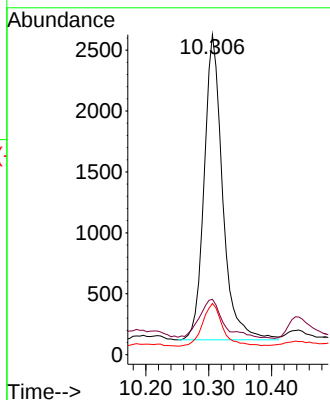
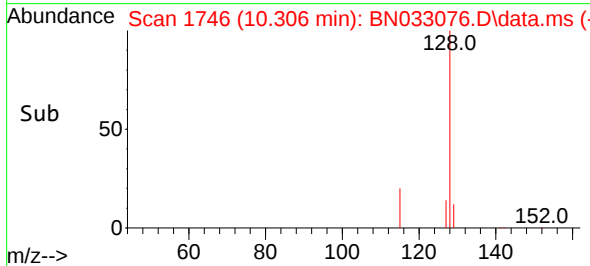
Instrument :
BNA_N
ClientSampleId :
C0AX6



Tgt Ion:128 Resp: 5100
Ion Ratio Lower Upper
128 100
129 17.3 12.0 18.0
127 16.0 12.7 19.1

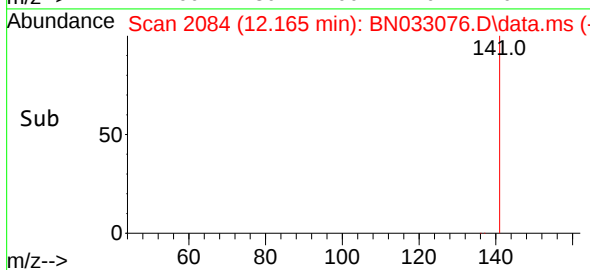
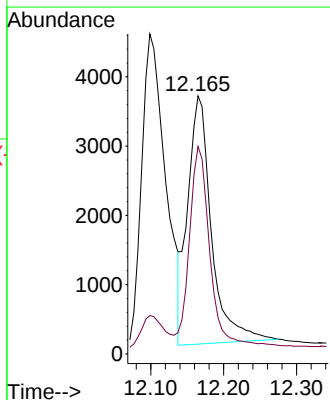
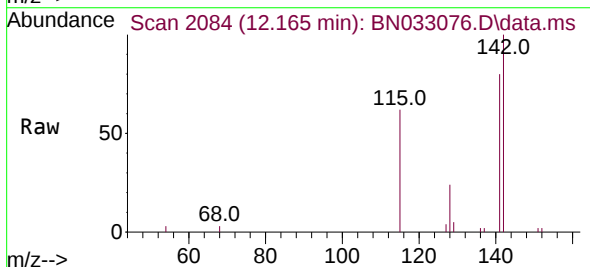
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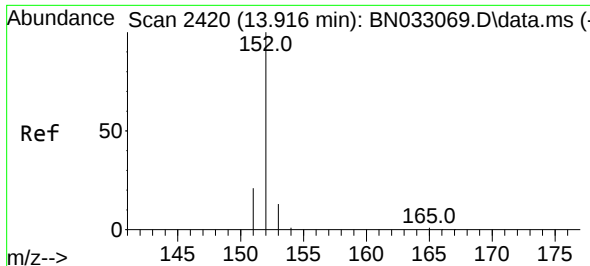
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#8
1-Methylnaphthalene
Concen: 0.511 ng/ul
RT: 12.165 min Scan# 2084
Delta R.T. -0.033 min
Lab File: BN033076.D
Acq: 29 Jul 2024 20:14

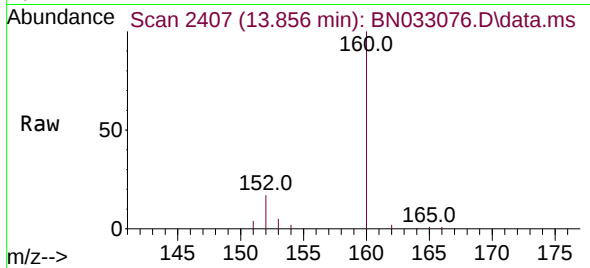
Tgt Ion:142 Resp: 8092
Ion Ratio Lower Upper
142 100
141 68.5 74.3 111.5#





#10
Acenaphthylene
Concen: 0.287 ng/ul
RT: 13.856 min Scan# 2407
Delta R.T. -0.041 min
Lab File: BN033076.D
Acq: 29 Jul 2024 20:14

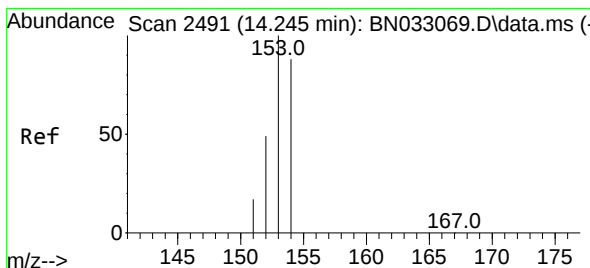
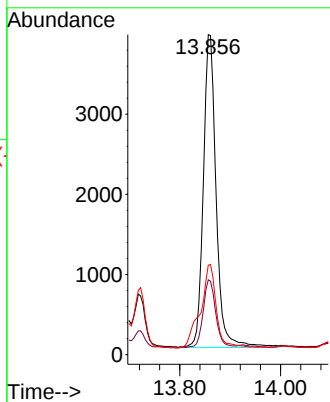
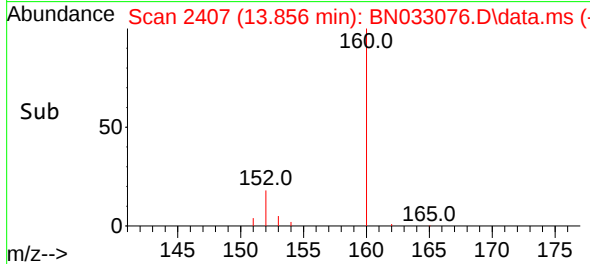
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:152 Resp: 6912
Ion Ratio Lower Upper
152 100
151 23.4 16.8 25.2
153 27.9 11.9 17.9

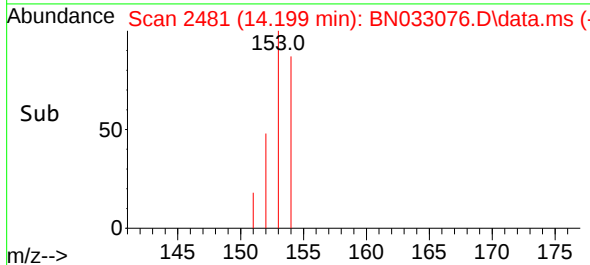
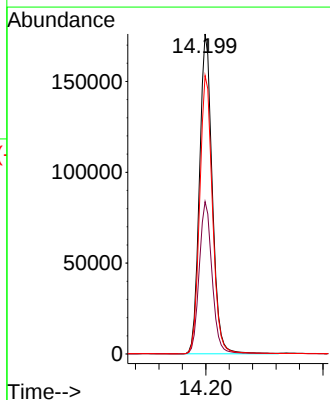
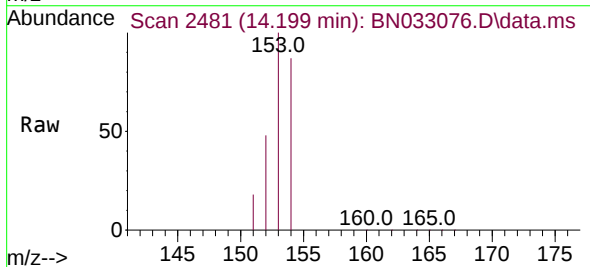
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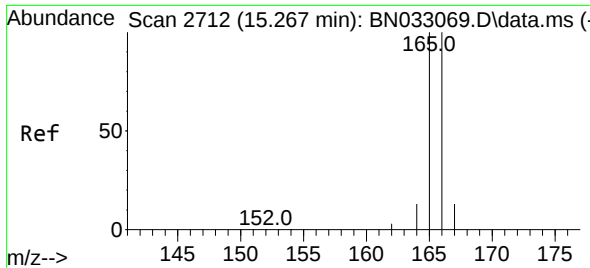
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#11
Acenaphthene
Concen: 14.800 ng/ul
RT: 14.199 min Scan# 2481
Delta R.T. -0.037 min
Lab File: BN033076.D
Acq: 29 Jul 2024 20:14

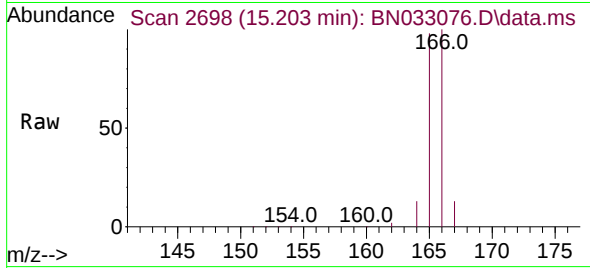
Tgt Ion:153 Resp: 267989
Ion Ratio Lower Upper
153 100
152 47.6 40.0 60.0
154 87.0 70.1 105.1





#12
Fluorene
Concen: 12.205 ng/ul
RT: 15.203 min Scan# 21
Delta R.T. -0.041 min
Lab File: BN033076.D
Acq: 29 Jul 2024 20:14

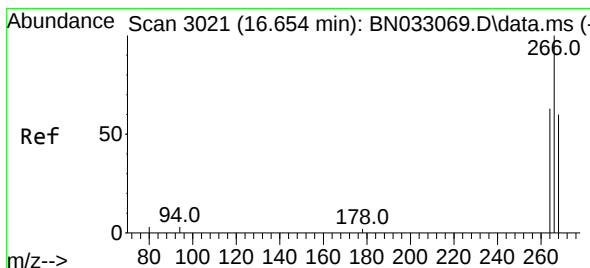
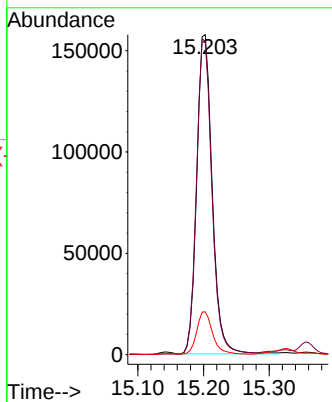
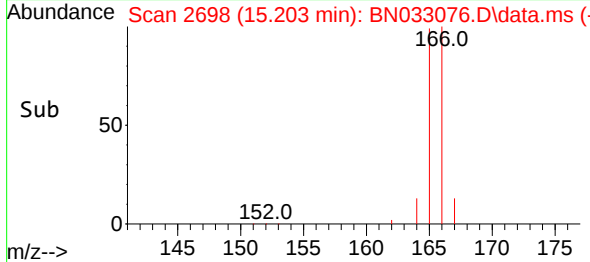
Instrument :
BNA_N
ClientSampleId :
C0AX6



Tgt Ion:166 Resp: 257574
Ion Ratio Lower Upper
166 100
165 98.0 79.6 119.4
167 13.4 12.2 18.4

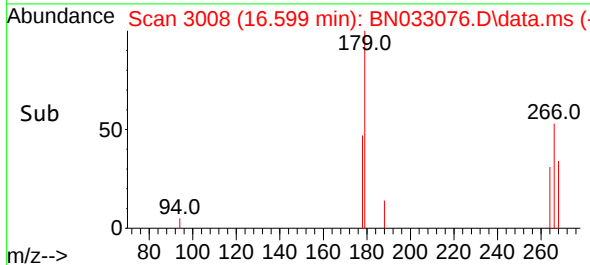
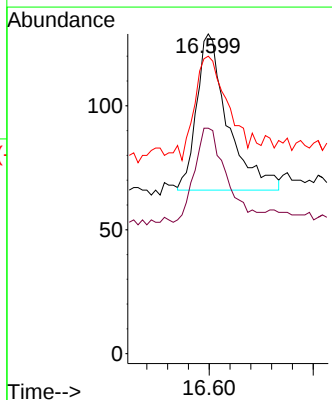
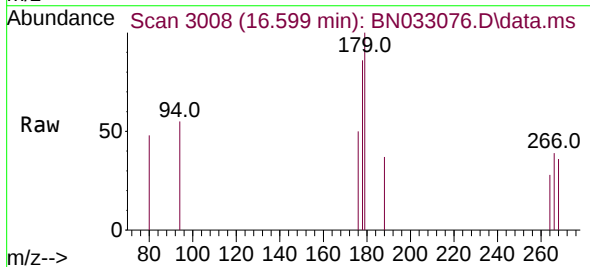
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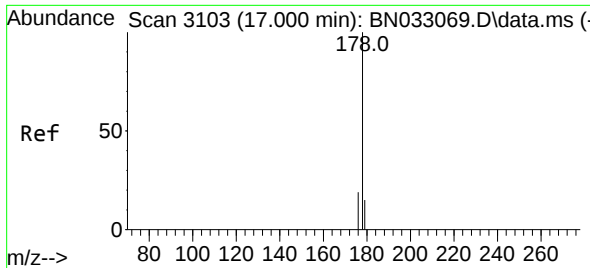
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#14
Pentachlorophenol
Concen: 0.048 ng/ul m
RT: 16.599 min Scan# 3008
Delta R.T. -0.038 min
Lab File: BN033076.D
Acq: 29 Jul 2024 20:14

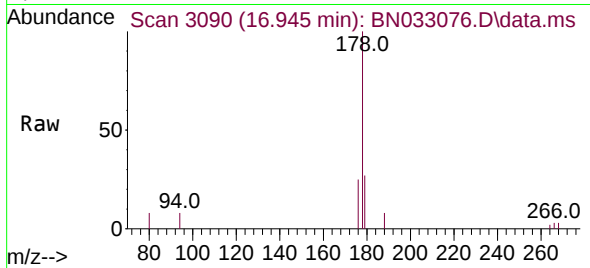
Tgt Ion:266 Resp: 131
Ion Ratio Lower Upper
266 100
264 0.0 49.3 73.9#
268 2.3 51.8 77.8#





#15
Phenanthrene
Concen: 0.090 ng/ul m
RT: 16.945 min Scan# 3090
Delta R.T. -0.042 min
Lab File: BN033076.D
Acq: 29 Jul 2024 20:14

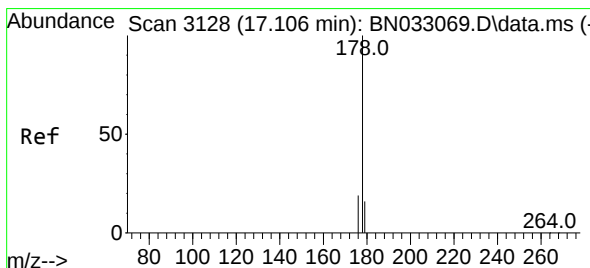
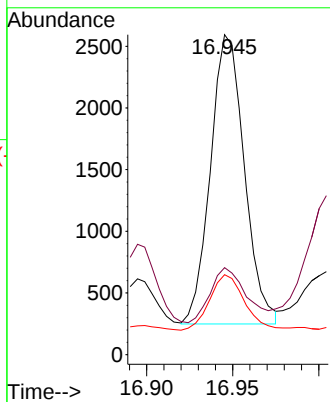
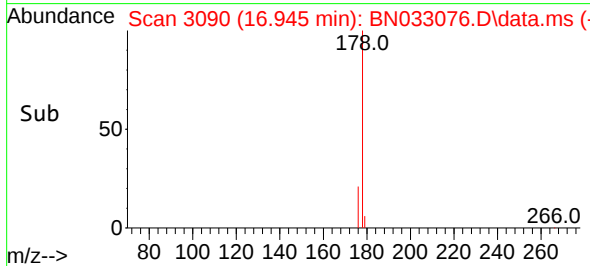
Instrument :
BNA_N
ClientSampleId :
C0AX6



Tgt Ion:178 Resp: 3217
Ion Ratio Lower Upper
178 100
179 27.2 13.7 20.5
176 25.0 15.9 23.9

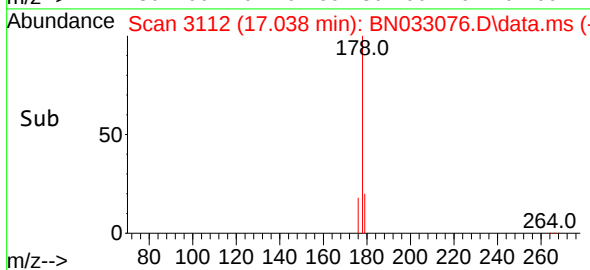
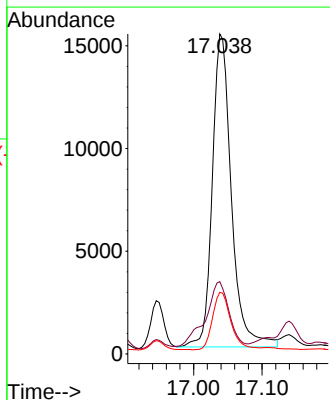
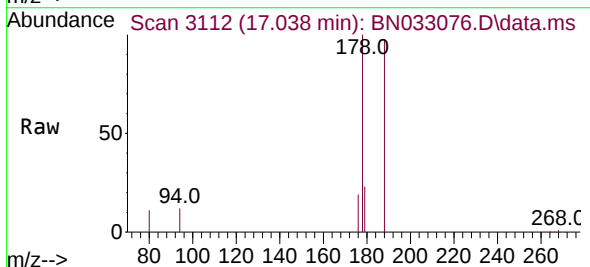
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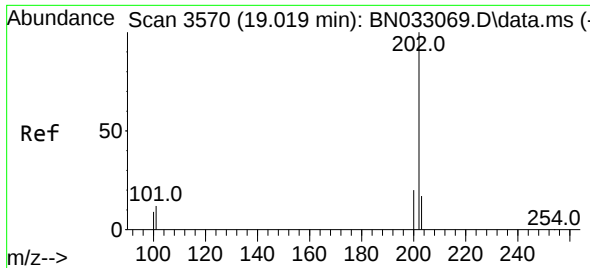
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#16
Anthracene
Concen: 0.918 ng/ul m
RT: 17.038 min Scan# 3112
Delta R.T. -0.046 min
Lab File: BN033076.D
Acq: 29 Jul 2024 20:14

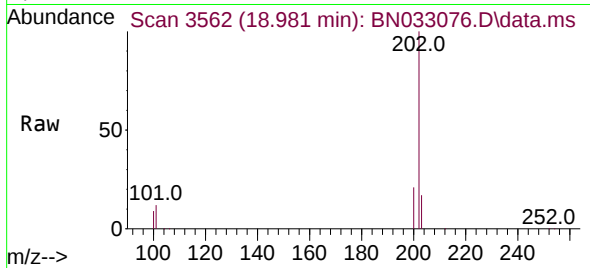
Tgt Ion:178 Resp: 29646
Ion Ratio Lower Upper
178 100
179 22.6 14.3 21.5
176 19.3 15.8 23.8





#19
Fluoranthene
Concen: 3.215 ng/u1
RT: 18.981 min Scan# 3570
Delta R.T. -0.032 min
Lab File: BN033076.D
Acq: 29 Jul 2024 20:14

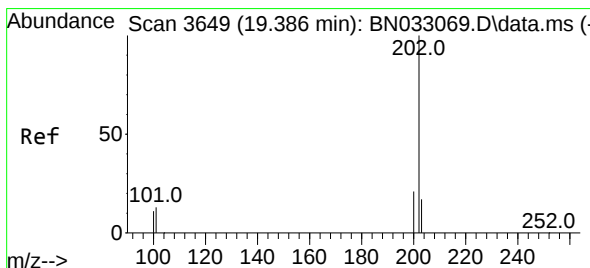
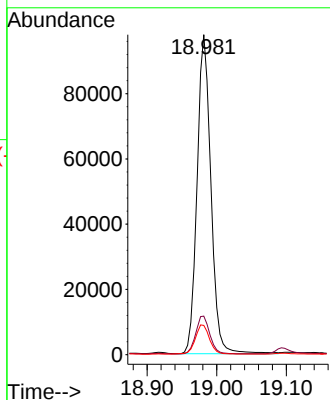
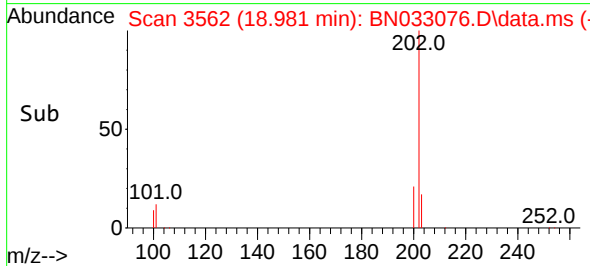
Instrument :
BNA_N
ClientSampleId :
C0AX6



Tgt Ion:202 Resp: 135360
Ion Ratio Lower Upper
202 100
101 12.0 10.7 16.1
100 9.1 8.3 12.5

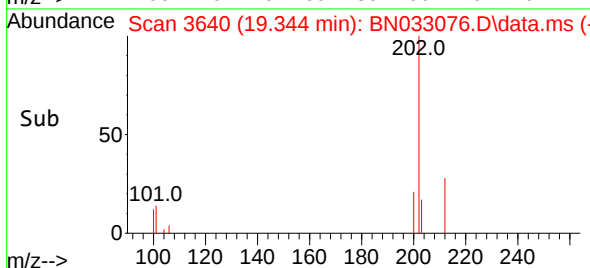
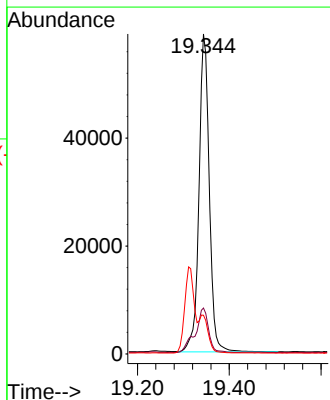
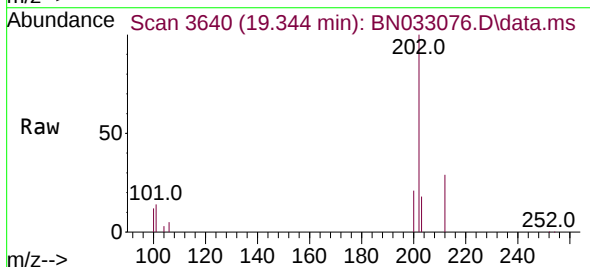
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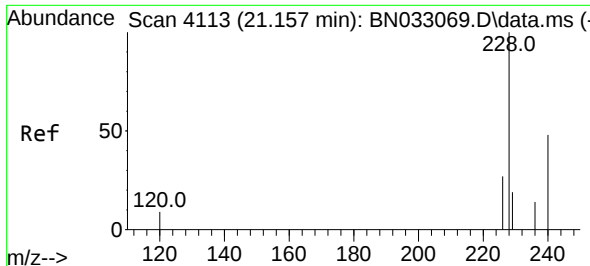
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#20
Pyrene
Concen: 2.032 ng/u1
RT: 19.344 min Scan# 3640
Delta R.T. -0.037 min
Lab File: BN033076.D
Acq: 29 Jul 2024 20:14

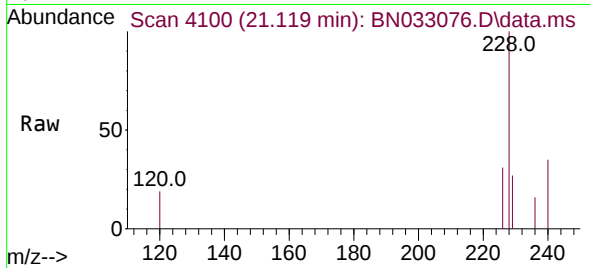
Tgt Ion:202 Resp: 91758
Ion Ratio Lower Upper
202 100
101 14.4 12.6 18.8
100 12.1 9.9 14.9





#21
Benzo(a)anthracene
Concen: 0.222 ng/ul
RT: 21.119 min Scan# 4110
Delta R.T. -0.026 min
Lab File: BN033076.D
Acq: 29 Jul 2024 20:14

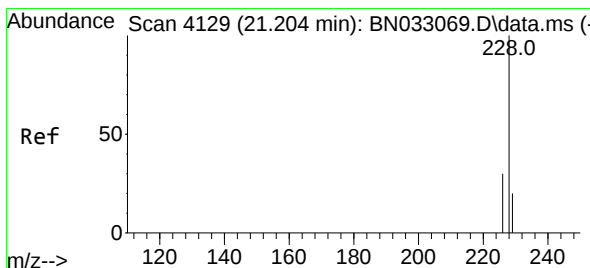
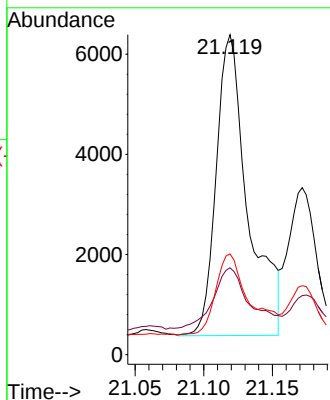
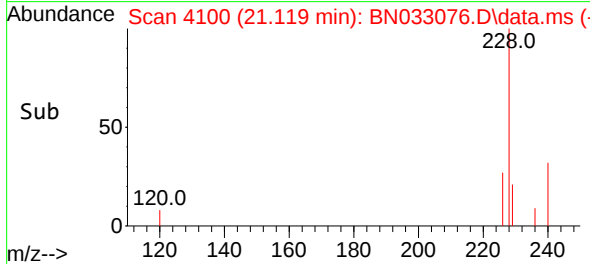
Instrument :
BNA_N
ClientSampleId :
C0AX6



Tgt Ion:228 Resp: 9680
Ion Ratio Lower Upper
228 100
229 27.1 17.1 25.7#
226 31.5 22.4 33.6#

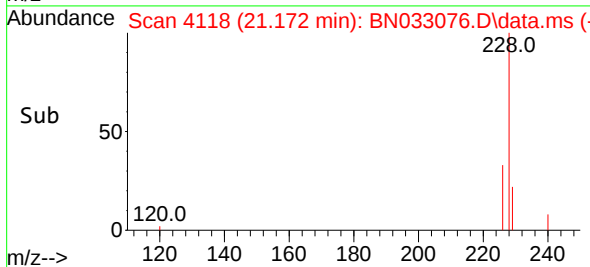
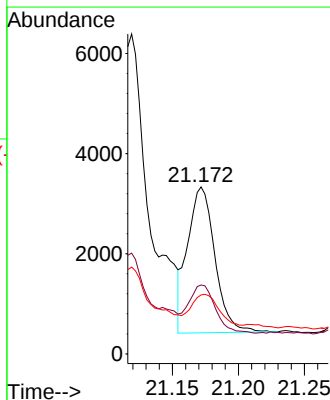
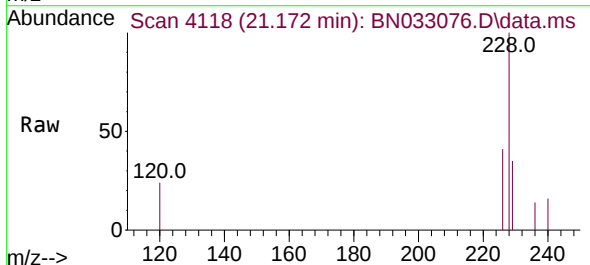
Manual Integrations
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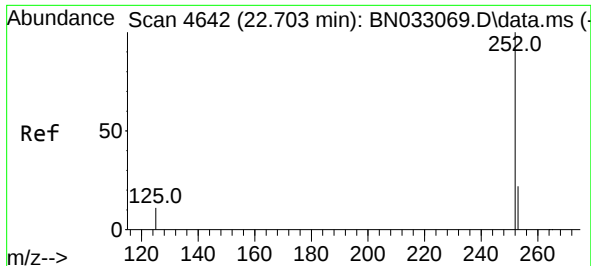
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#22
Chrysene
Concen: 0.082 ng/ul
RT: 21.172 min Scan# 4118
Delta R.T. -0.023 min
Lab File: BN033076.D
Acq: 29 Jul 2024 20:14

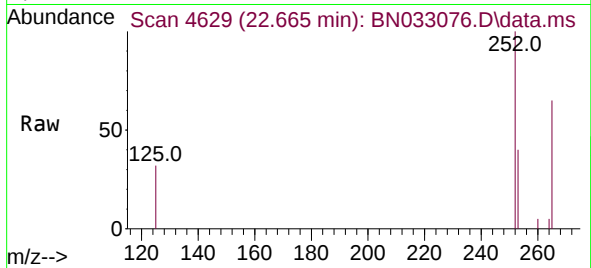
Tgt Ion:228 Resp: 4188
Ion Ratio Lower Upper
228 100
226 41.3 24.7 37.1#
229 35.3 17.0 25.6#





#24
Benzo(b)fluoranthene
Concen: 0.271 ng/ul m
RT: 22.665 min Scan# 4629
Delta R.T. -0.029 min
Lab File: BN033076.D
Acq: 29 Jul 2024 20:14

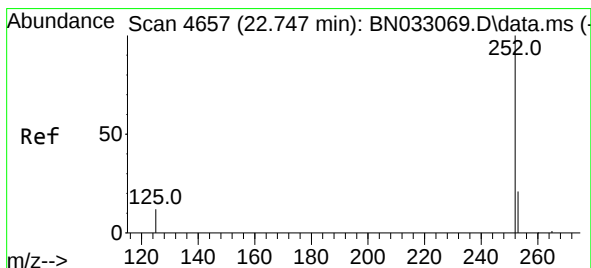
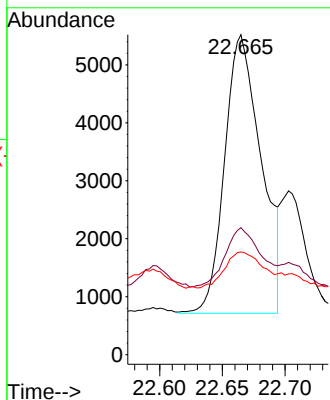
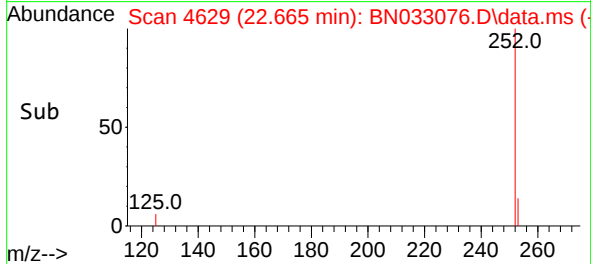
Instrument :
BNA_N
ClientSampleId :
C0AX6



Tgt Ion:252 Resp: 976
Ion Ratio Lower Upper
252 100
253 39.7 0.0 60.6
125 32.1 0.0 51.0

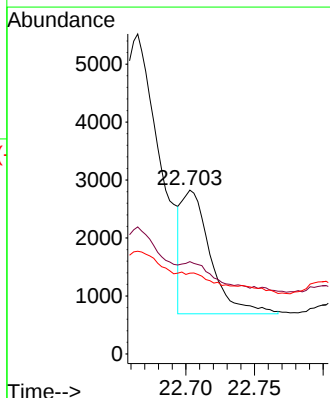
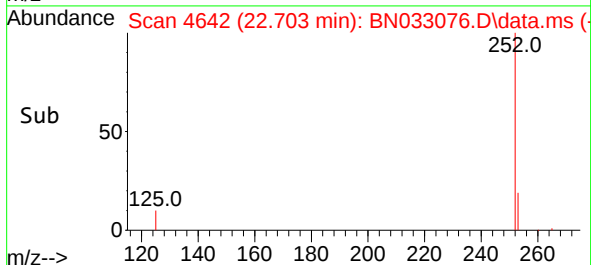
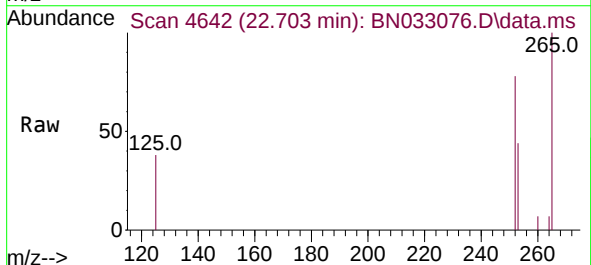
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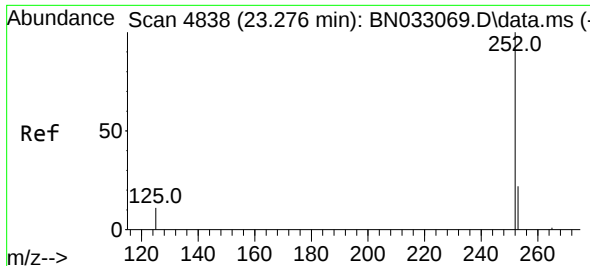
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#25
Benzo(k)fluoranthene
Concen: 0.072 ng/ul m
RT: 22.703 min Scan# 4642
Delta R.T. -0.032 min
Lab File: BN033076.D
Acq: 29 Jul 2024 20:14

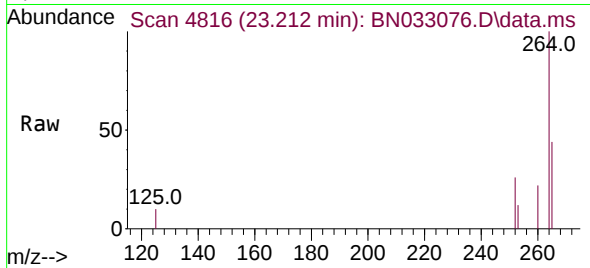
Tgt Ion:252 Resp: 3133
Ion Ratio Lower Upper
252 100
253 56.3 24.9 37.3#
125 49.3 20.9 31.3#





#26
Benzo(a)pyrene
Concen: 0.194 ng/ul
RT: 23.212 min Scan# 41
Delta R.T. -0.050 min
Lab File: BN033076.D
Acq: 29 Jul 2024 20:14

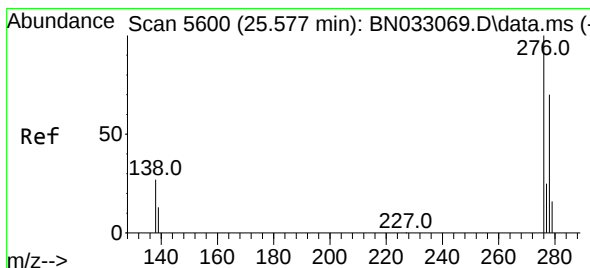
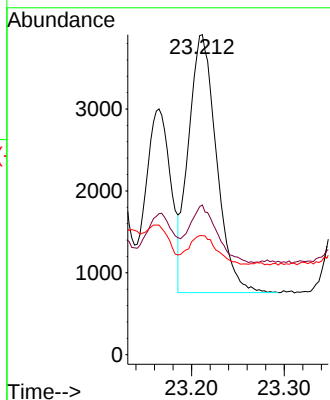
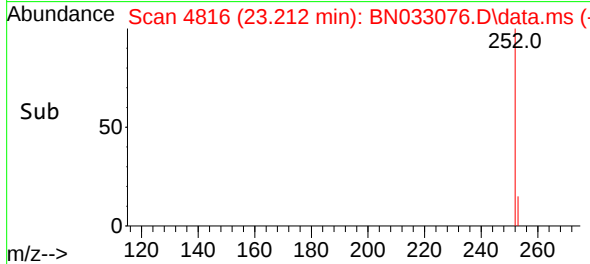
Instrument :
BNA_N
ClientSampleId :
C0AX6



Tgt Ion:252 Resp: 659
Ion Ratio Lower Upper
252 100
253 46.8 27.5 41.3
125 37.2 27.0 40.6

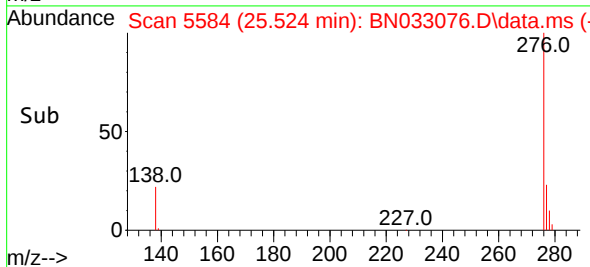
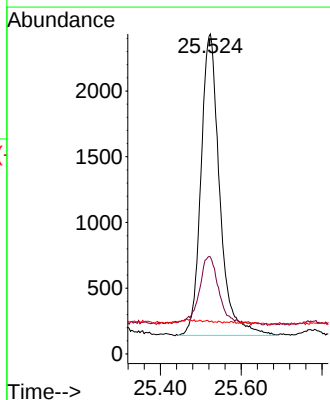
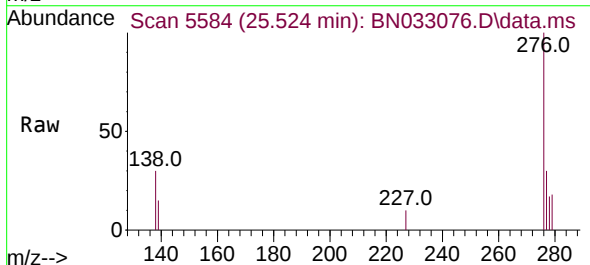
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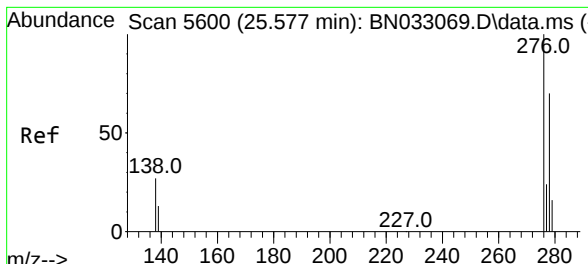
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.143 ng/ul
RT: 25.524 min Scan# 5584
Delta R.T. -0.037 min
Lab File: BN033076.D
Acq: 29 Jul 2024 20:14

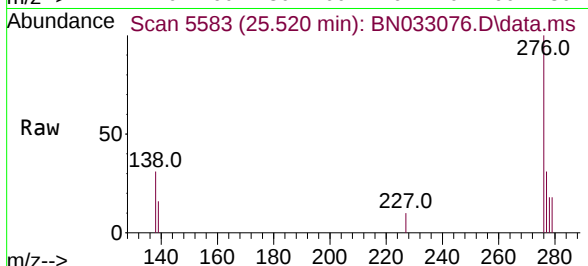
Tgt Ion:276 Resp: 7370
Ion Ratio Lower Upper
276 100
138 24.7 21.8 32.8
227 0.0 0.2 0.2





#28
 Dibenzo(a,h)anthracene
 Concen: 0.032 ng/ul
 RT: 25.520 min Scan# 51
 Delta R.T. -0.040 min
 Lab File: BN033076.D
 Acq: 29 Jul 2024 20:14

Instrument : BNA_N
 ClientSampleId : C0AX6

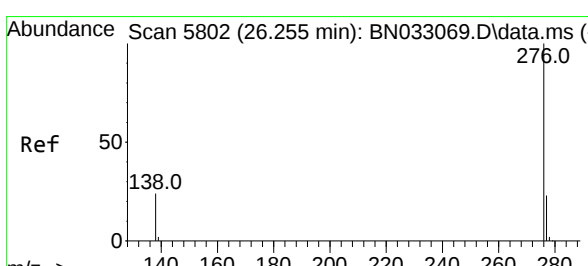
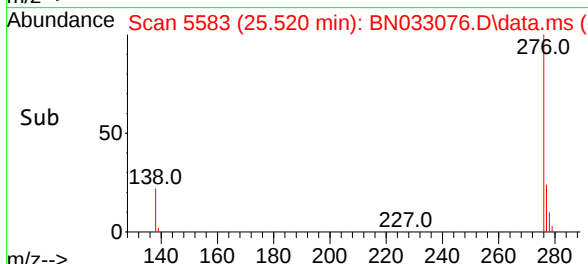
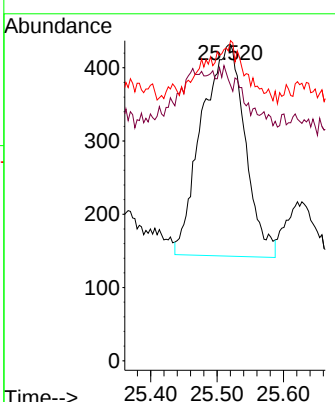


Tgt Ion: 278 Resp: 1314

Ion	Ratio	Lower	Upper
278	100		
139	87.0	22.5	33.7
279	101.2	25.5	38.3

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



#29
 Benzo(g,h,i)perylene
 Concen: 0.308 ng/ul
 RT: 26.191 min Scan# 5783
 Delta R.T. -0.050 min
 Lab File: BN033076.D
 Acq: 29 Jul 2024 20:14

Tgt Ion: 276 Resp: 12646

Ion	Ratio	Lower	Upper
276	100		
138	28.7	24.6	37.0
277	27.5	22.6	34.0

