

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021925\
 Data File : BN036469.D
 Acq On : 19 Feb 2025 13:52
 Operator : RC/JU
 Sample : Q1247-01DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A6317DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/20/2025
 Supervised By :mohammad ahmed 02/20/2025

Quant Time: Feb 19 17:53:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 07 11:25:57 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	2155	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.535	136	5358	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.387	164	3514	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.134	188	7550	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.322	240	6897	0.400	ng/ul	#-0.02
23) Perylene-d12	23.590	264	6407m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.227	96	1504	0.637	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	12.146	152	258	0.038	ng/ul	-0.01
18) Fluoranthene-d10	19.161	212	801	0.042	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.584	128	3685	0.250	ng/ul	97
10) Acenaphthylene	14.105	152	23598	1.425	ng/ul	97
11) Acenaphthene	14.452	153	16150	1.325	ng/ul	98
12) Fluorene	15.437	166	3460	0.257	ng/ul	100
15) Phenanthrene	17.172	178	10432	0.472	ng/ul	98
16) Anthracene	17.265	178	10229	0.498	ng/ul	99
19) Fluoranthene	19.194	202	9799	0.374	ng/ul	96
20) Pyrene	19.556	202	11754	0.430	ng/ul#	94
21) Benzo(a)anthracene	21.308	228	4428	0.180	ng/ul	99
22) Chrysene	21.360	228	3596	0.143	ng/ul	97
24) Benzo(b)fluoranthene	22.903	252	11276	0.527	ng/ul	94
25) Benzo(k)fluoranthene	22.950	252	5154	0.229	ng/ul#	82
26) Benzo(a)pyrene	23.485	252	4400	0.228	ng/ul#	72
27) Indeno(1,2,3-cd)pyrene	25.894	276	3460	0.135	ng/ul#	50
28) Dibenzo(a,h)anthracene	25.908	278	3411	0.173	ng/ul#	83
29) Benzo(g,h,i)perylene	26.592	276	3184	0.161	ng/ul#	92

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

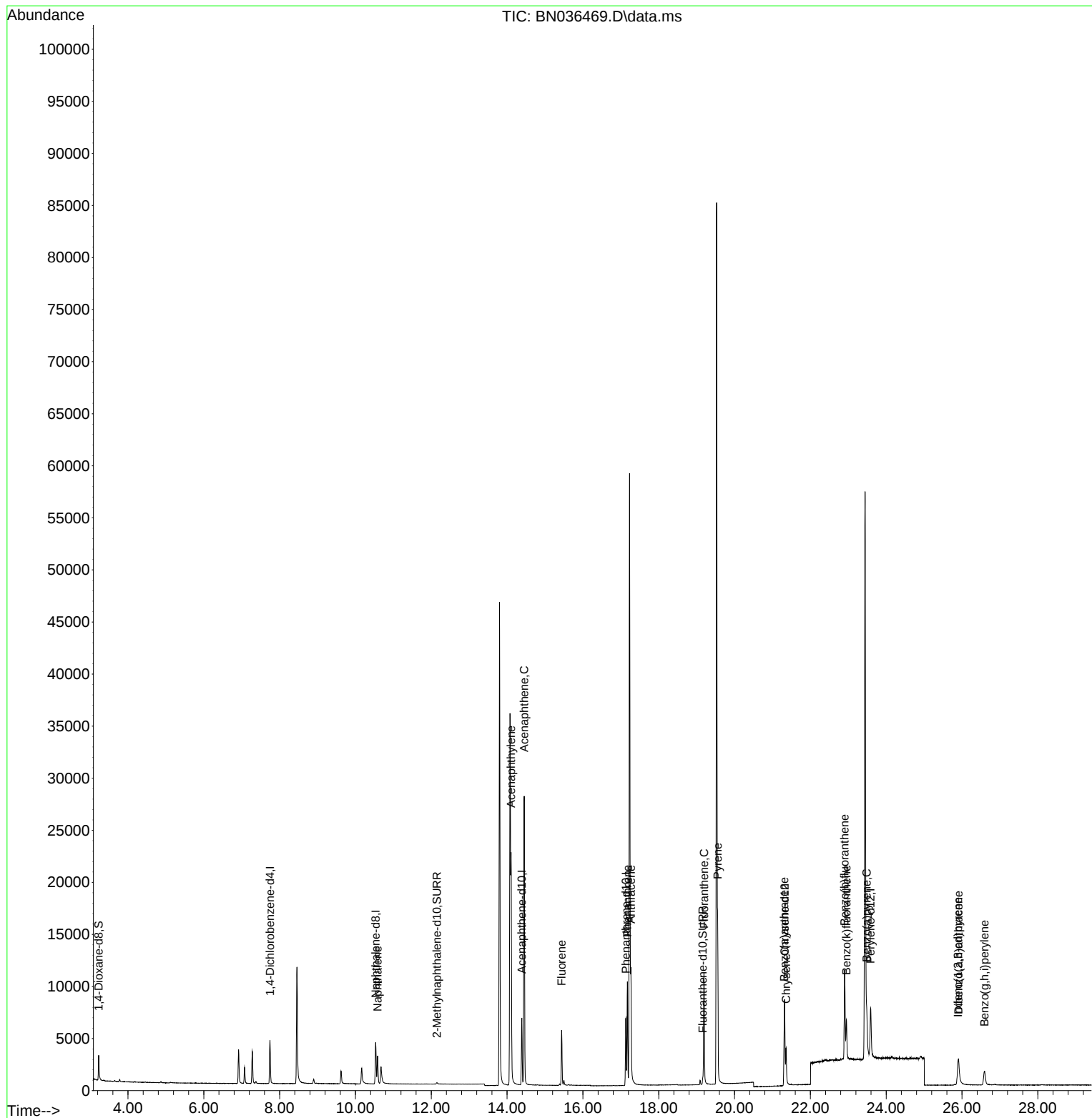
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021925\
Data File : BN036469.D
Acq On : 19 Feb 2025 13:52
Operator : RC/JU
Sample : Q1247-01DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

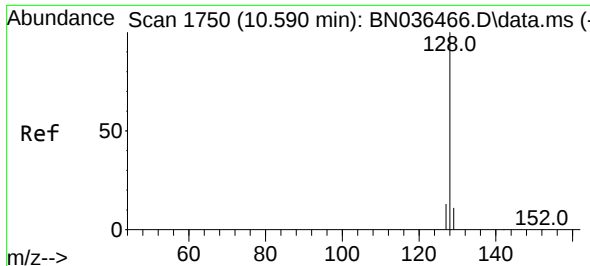
Instrument :
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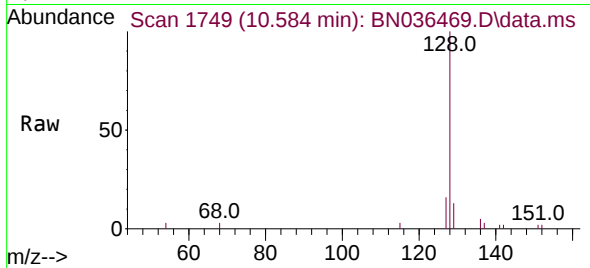
Quant Time: Feb 19 17:53:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 07 11:25:57 2025
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.250 ng/u1
RT: 10.584 min Scan# 1749
Delta R.T. -0.022 min
Lab File: BN036469.D
Acq: 19 Feb 2025 13:52

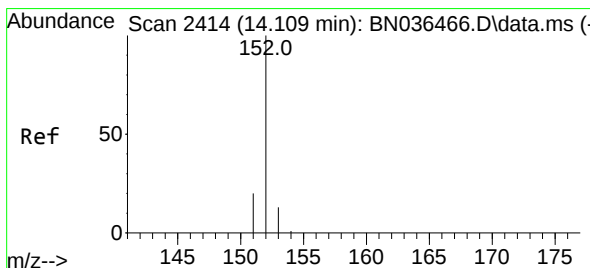
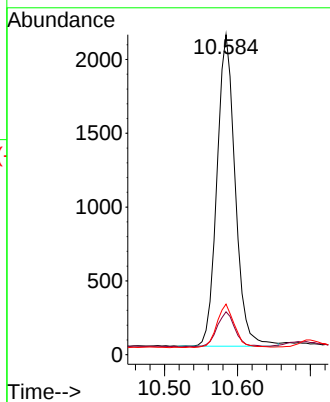
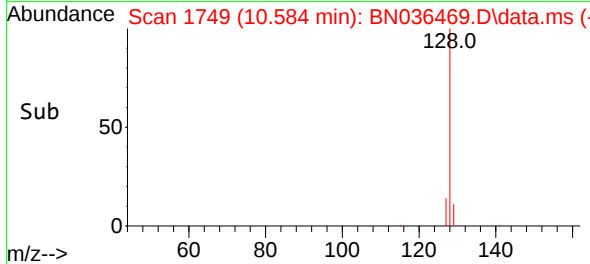
Instrument :
BNA_N
ClientSampleId :
A6317DL



Tgt Ion:128 Resp: 3685
Ion Ratio Lower Upper
128 100
129 13.4 9.6 14.4
127 15.8 12.0 18.0

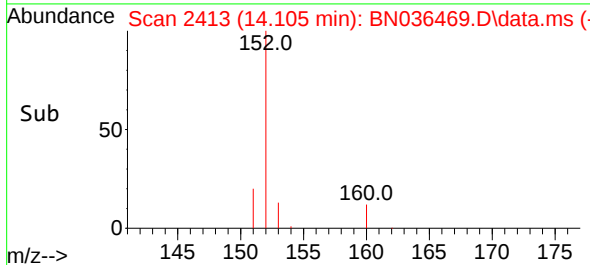
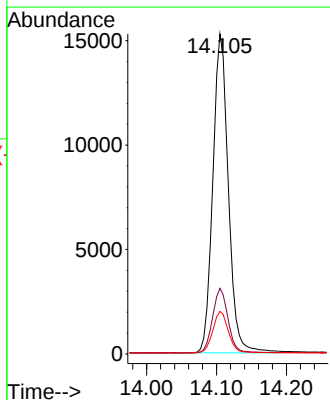
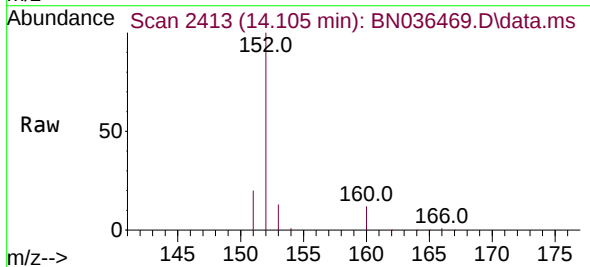
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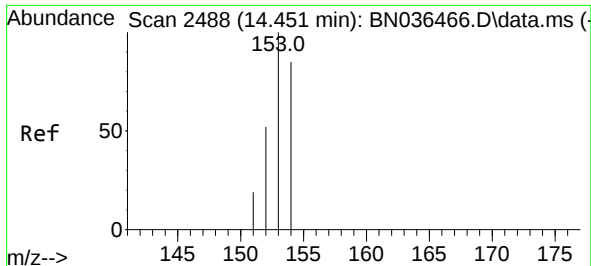
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :mohammad ahmed 02/20/2025



#10
Acenaphthylene
Concen: 1.425 ng/u1
RT: 14.105 min Scan# 2413
Delta R.T. -0.022 min
Lab File: BN036469.D
Acq: 19 Feb 2025 13:52

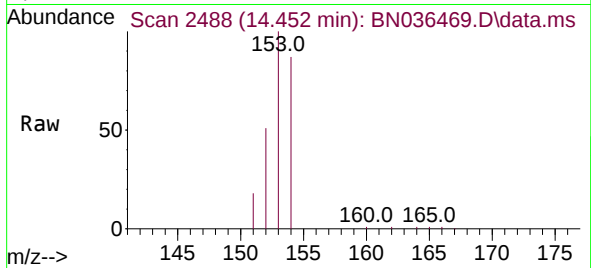
Tgt Ion:152 Resp: 23598
Ion Ratio Lower Upper
152 100
151 20.5 17.4 26.2
153 13.3 11.9 17.9





#11
Acenaphthene
Concen: 1.325 ng/ul
RT: 14.452 min Scan# 2488
Delta R.T. -0.017 min
Lab File: BN036469.D
Acq: 19 Feb 2025 13:52

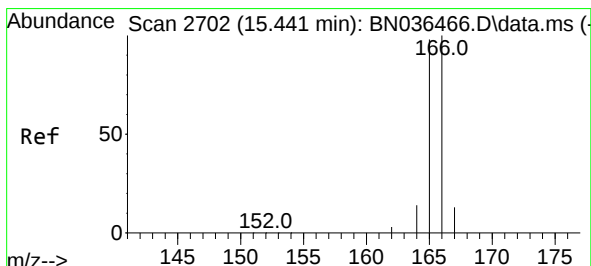
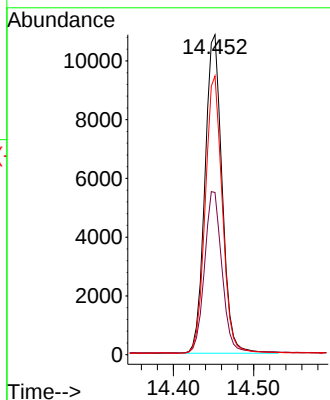
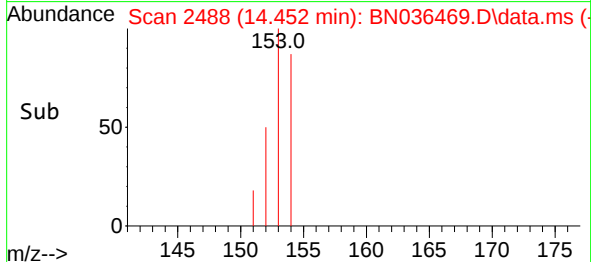
Instrument :
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A6317DL



Tgt Ion:153 Resp: 16150
Ion Ratio Lower Upper
153 100
152 50.7 43.2 64.8
154 87.1 70.5 105.7

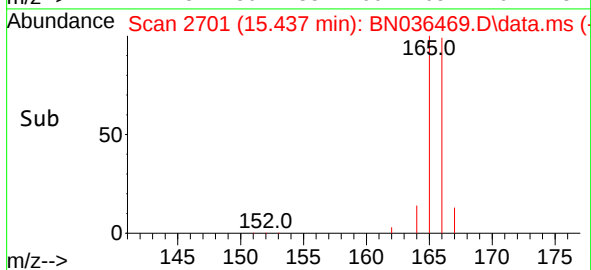
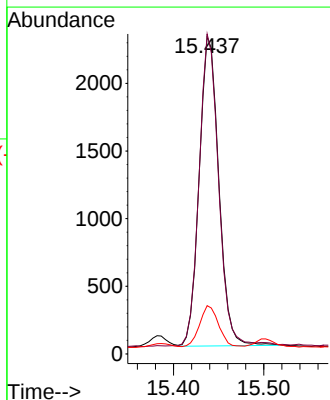
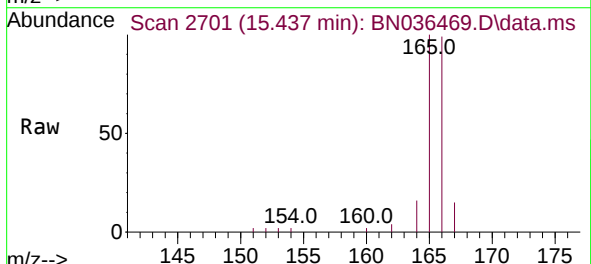
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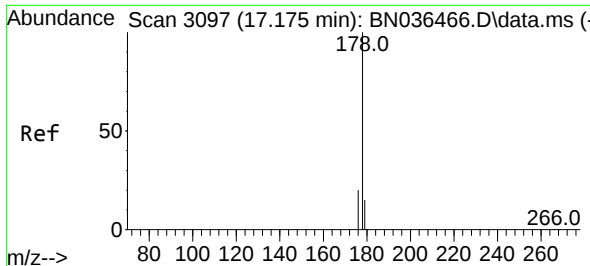
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :mohammad ahmed 02/20/2025



#12
Fluorene
Concen: 0.257 ng/ul
RT: 15.437 min Scan# 2701
Delta R.T. -0.022 min
Lab File: BN036469.D
Acq: 19 Feb 2025 13:52

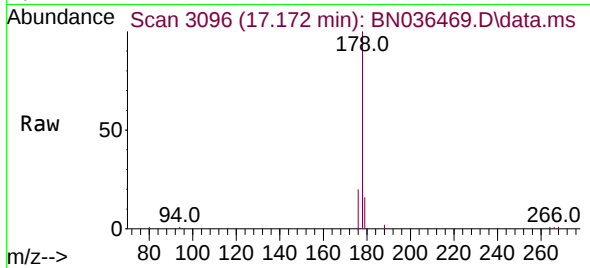
Tgt Ion:166 Resp: 3460
Ion Ratio Lower Upper
166 100
165 100.8 80.3 120.5
167 15.2 12.3 18.5





#15
Phenanthrene
Concen: 0.472 ng/ul
RT: 17.172 min Scan# 3097
Delta R.T. -0.024 min
Lab File: BN036469.D
Acq: 19 Feb 2025 13:52

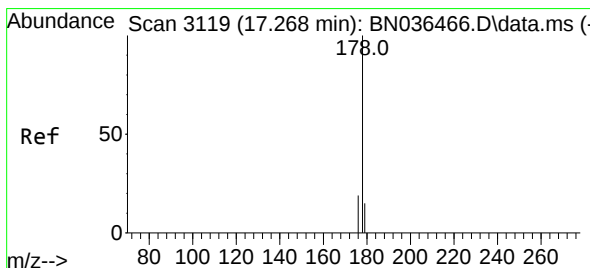
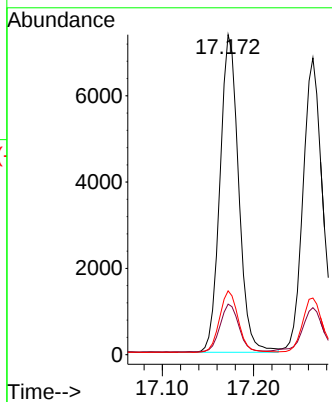
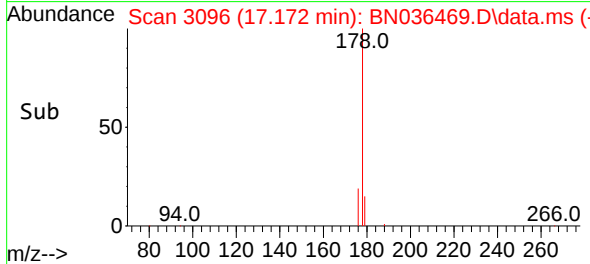
Instrument :
BNA_N
ClientSampleId :
A6317DL



Tgt Ion:178 Resp: 10432
Ion Ratio Lower Upper
178 100
179 15.8 13.2 19.8
176 19.9 16.8 25.2

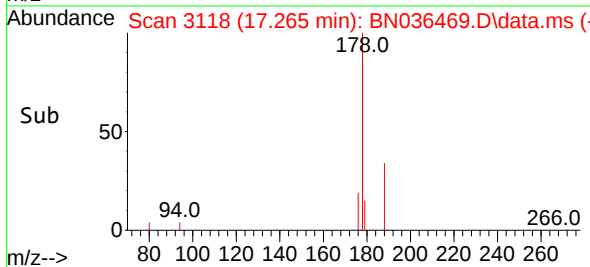
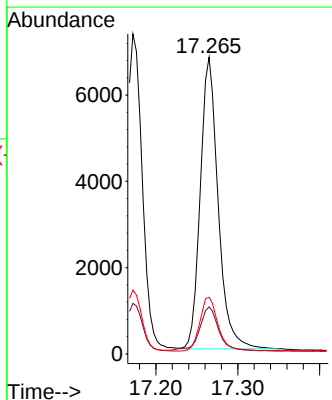
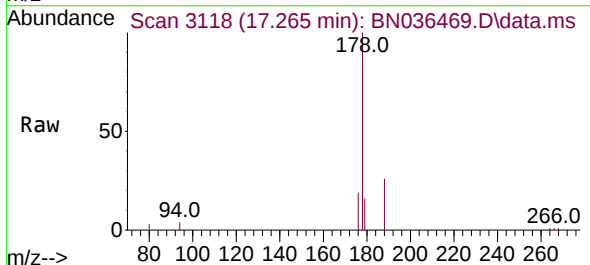
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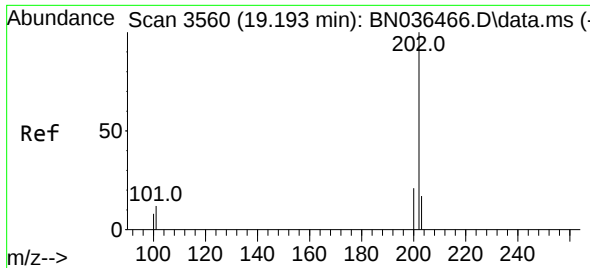
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :mohammad ahmed 02/20/2025



#16
Anthracene
Concen: 0.498 ng/ul
RT: 17.265 min Scan# 3118
Delta R.T. -0.024 min
Lab File: BN036469.D
Acq: 19 Feb 2025 13:52

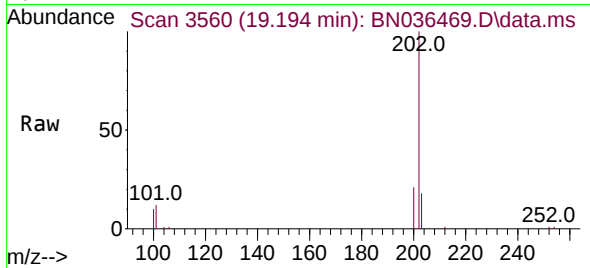
Tgt Ion:178 Resp: 10229
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.4
176 19.1 15.9 23.9





#19
Fluoranthene
Concen: 0.374 ng/u1
RT: 19.194 min Scan# 3560
Delta R.T. -0.018 min
Lab File: BN036469.D
Acq: 19 Feb 2025 13:52

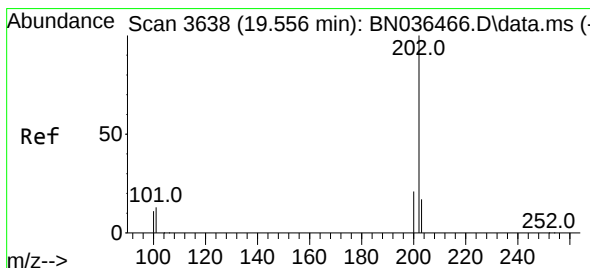
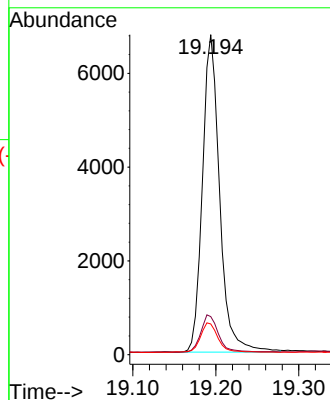
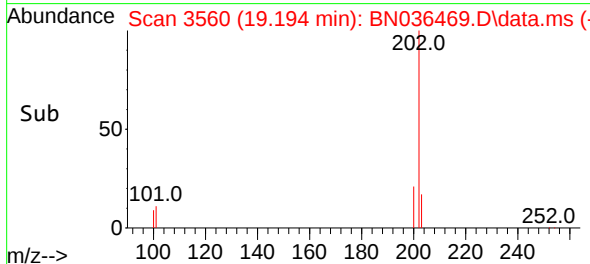
Instrument :
BNA_N
ClientSampleId :
A6317DL



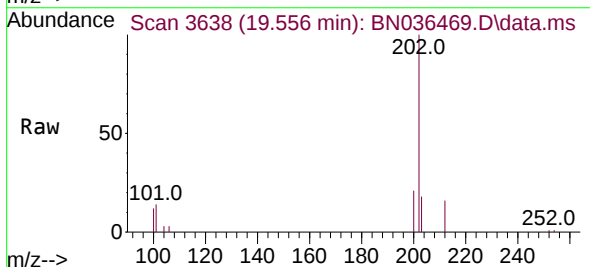
Tgt Ion:202 Resp: 9798
Ion Ratio Lower Upper
202 100
101 11.9 8.4 12.6
100 9.6 6.5 9.7

Manual Integrations
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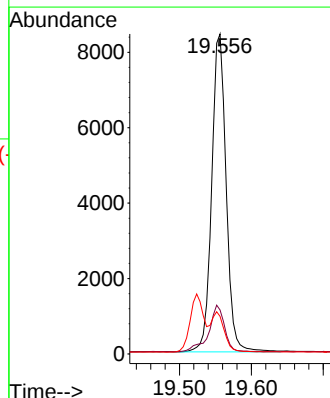
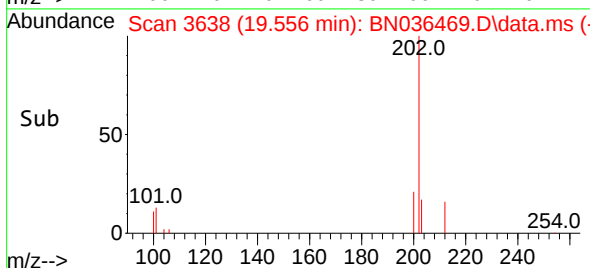
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :mohammad ahmed 02/20/2025

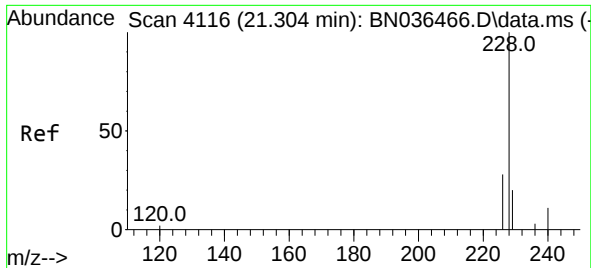


#20
Pyrene
Concen: 0.430 ng/u1
RT: 19.556 min Scan# 3638
Delta R.T. -0.018 min
Lab File: BN036469.D
Acq: 19 Feb 2025 13:52



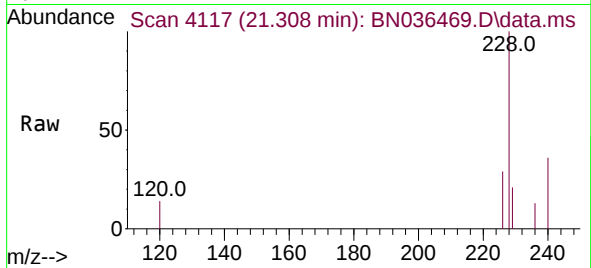
Tgt Ion:202 Resp: 11754
Ion Ratio Lower Upper
202 100
101 13.7 9.3 13.9
100 11.7 7.5 11.3#





#21
Benzo(a)anthracene
Concen: 0.180 ng/ul
RT: 21.308 min Scan# 4116
Delta R.T. -0.017 min
Lab File: BN036469.D
Acq: 19 Feb 2025 13:52

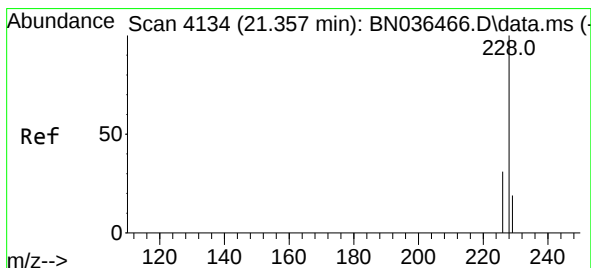
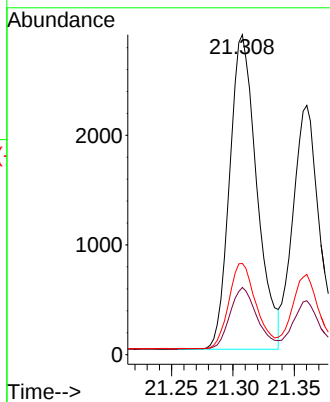
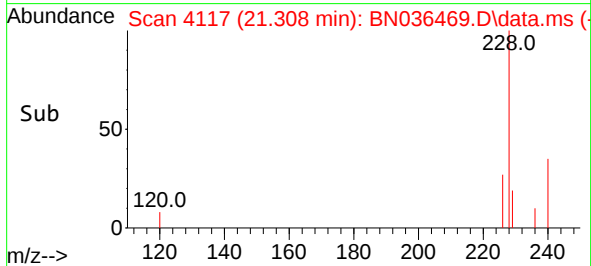
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:228 Resp: 4428
Ion Ratio Lower Upper
228 100
229 21.0 15.9 23.9
226 28.5 22.8 34.2

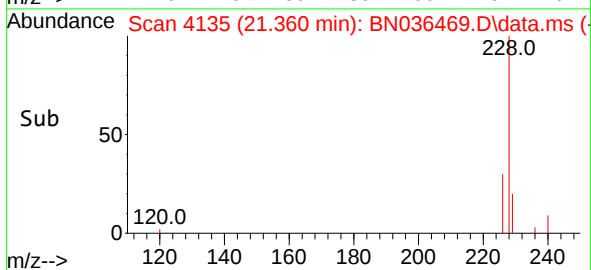
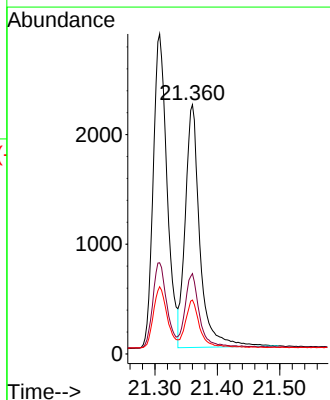
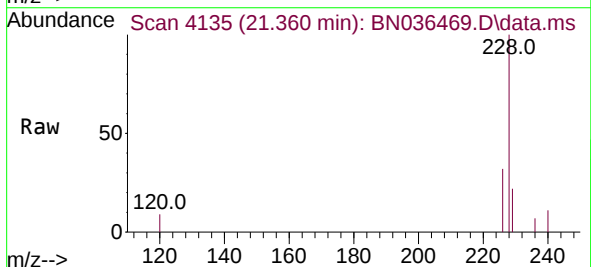
Manual Integrations
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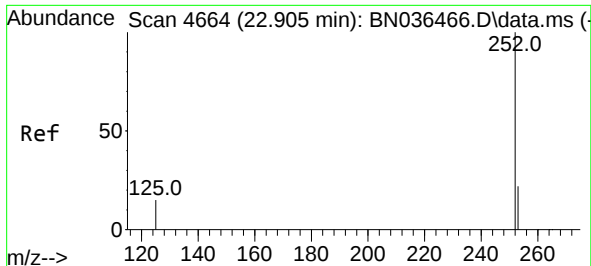
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :mohammad ahmed 02/20/2025



#22
Chrysene
Concen: 0.143 ng/ul
RT: 21.360 min Scan# 4135
Delta R.T. -0.017 min
Lab File: BN036469.D
Acq: 19 Feb 2025 13:52

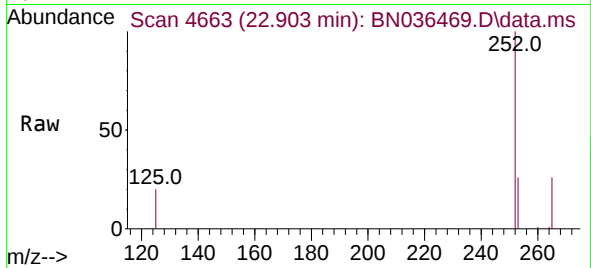
Tgt Ion:228 Resp: 3596
Ion Ratio Lower Upper
228 100
226 32.2 24.4 36.6
229 21.6 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.527 ng/ul
RT: 22.903 min Scan# 4663
Delta R.T. -0.028 min
Lab File: BN036469.D
Acq: 19 Feb 2025 13:52

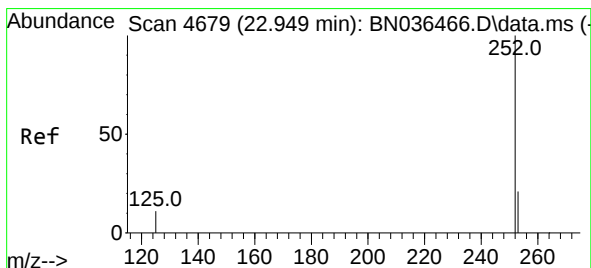
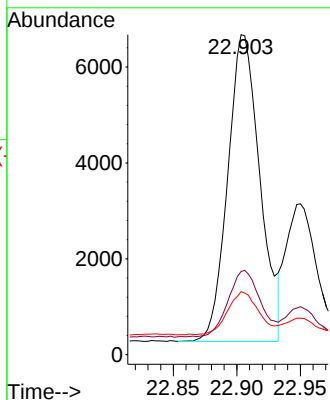
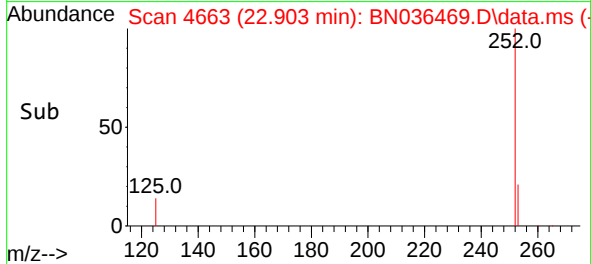
Instrument :
BNA_N
ClientSampleId :
A6317DL



Tgt Ion:252 Resp: 11270
Ion Ratio Lower Upper
252 100
253 26.0 0.0 51.2
125 19.7 0.0 27.8

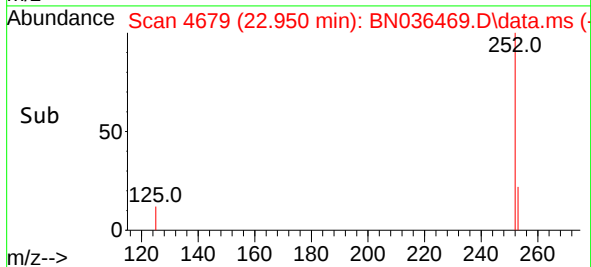
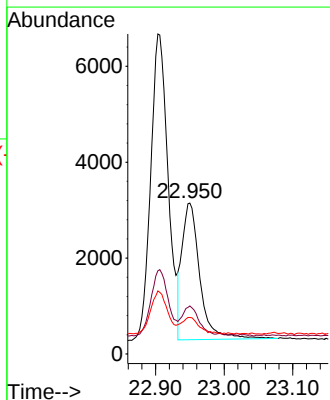
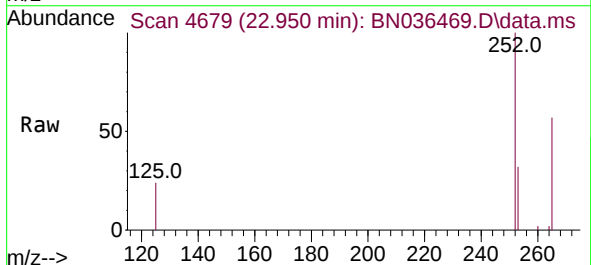
Manual Integrations
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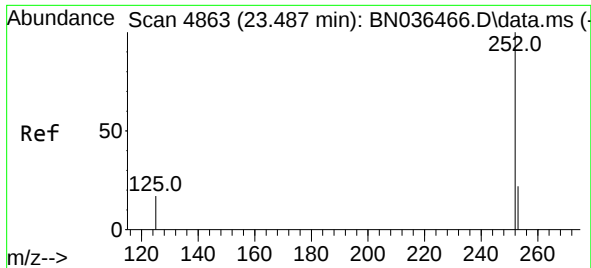
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :mohammad ahmed 02/20/2025



#25
Benzo(k)fluoranthene
Concen: 0.229 ng/ul
RT: 22.950 min Scan# 4679
Delta R.T. -0.025 min
Lab File: BN036469.D
Acq: 19 Feb 2025 13:52

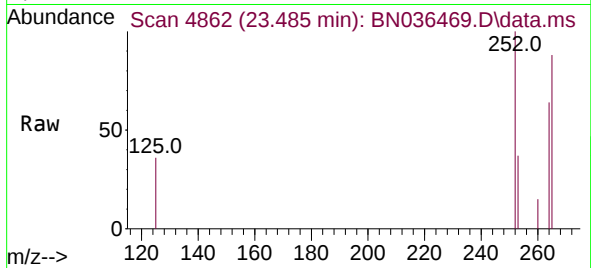
Tgt Ion:252 Resp: 5154
Ion Ratio Lower Upper
252 100
253 31.8 20.2 30.4#
125 24.2 10.6 16.0#





#26
Benzo(a)pyrene
Concen: 0.228 ng/ul
RT: 23.485 min Scan# 4862
Delta R.T. -0.034 min
Lab File: BN036469.D
Acq: 19 Feb 2025 13:52

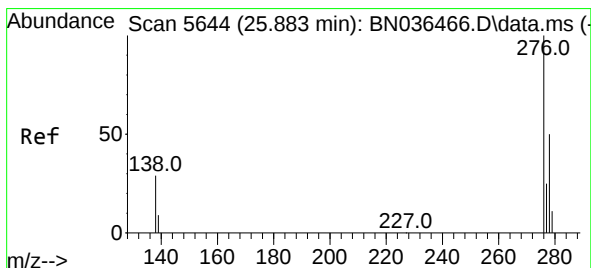
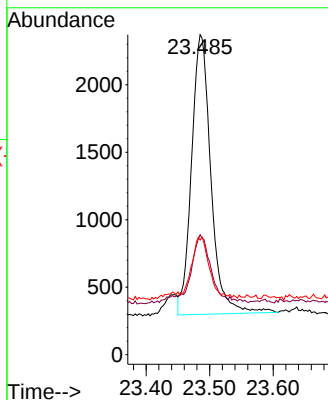
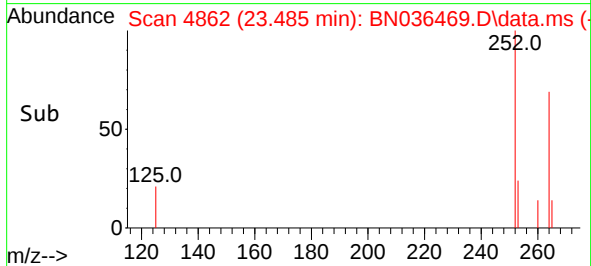
Instrument :
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Tgt Ion:252 Resp: 4400
Ion Ratio Lower Upper
252 100
253 37.5 22.2 33.4#
125 35.8 13.1 19.7#

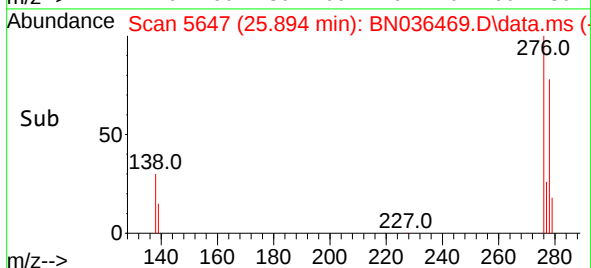
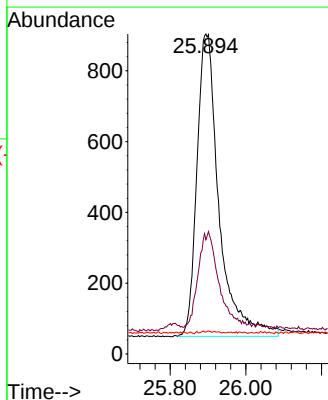
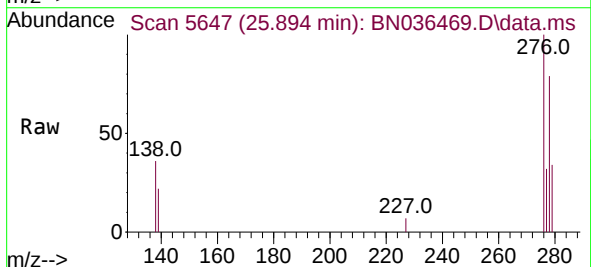
Manual Integrations
APPROVED

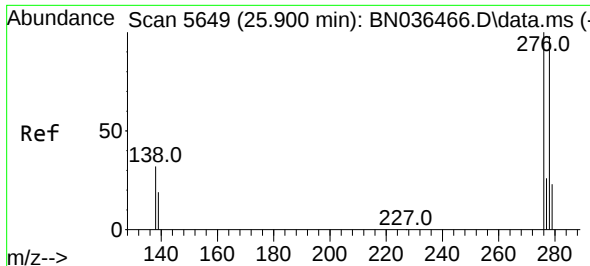
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :mohammad ahmed 02/20/2025



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.135 ng/ul
RT: 25.894 min Scan# 5647
Delta R.T. -0.036 min
Lab File: BN036469.D
Acq: 19 Feb 2025 13:52

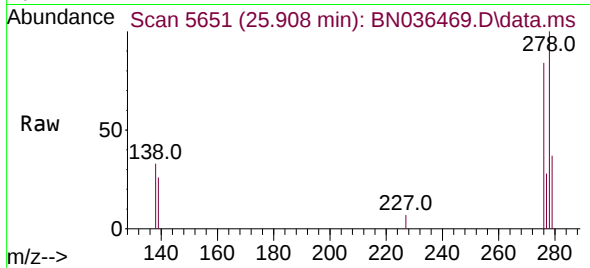
Tgt Ion:276 Resp: 3460
Ion Ratio Lower Upper
276 100
138 0.0 20.2 30.4#
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.173 ng/ul
RT: 25.908 min Scan# 5651
Delta R.T. -0.043 min
Lab File: BN036469.D
Acq: 19 Feb 2025 13:52

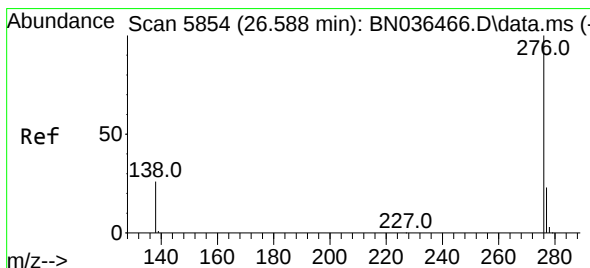
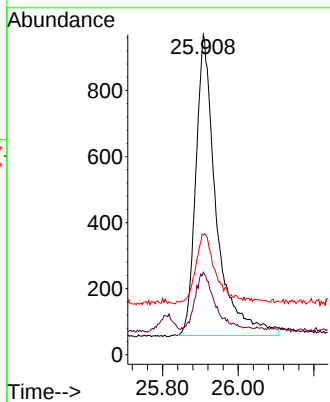
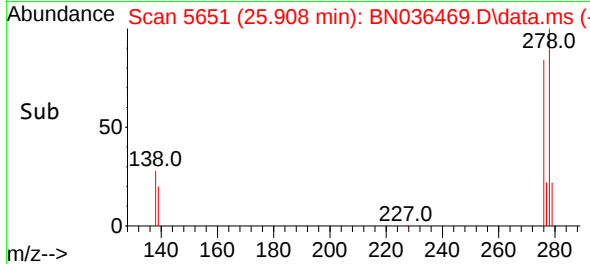
Instrument :
BNA_N
ClientSampleId :
A6317DL



Tgt Ion:278 Resp: 341
Ion Ratio Lower Upper
278 100
139 25.8 15.4 23.2
279 37.5 22.2 33.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :mohammad ahmed 02/20/2025



#29
Benzo(g,h,i)perylene
Concen: 0.161 ng/ul
RT: 26.592 min Scan# 5855
Delta R.T. -0.046 min
Lab File: BN036469.D
Acq: 19 Feb 2025 13:52

Tgt Ion:276 Resp: 3184
Ion Ratio Lower Upper
276 100
138 30.7 19.4 29.0
277 28.0 21.1 31.7

