

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
 Data File : BN036225.D
 Acq On : 03 Feb 2025 12:44
 Operator : RC/JU
 Sample : Q1148-03DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 XA172DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/07/2025

Quant Time: Feb 03 13:06:52 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 : Mon Feb 03 12:27:24 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	3009	0.400	ng/ul	0.00
4) Naphthalene-d8	10.579	136	7408	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.428	164	4463	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.175	188	9050	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.368	240	7641	0.400	ng/ul	0.00
23) Perylene-d12	23.663	264	7610	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	120	0.036	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.174	152	269	0.029	ng/ul	0.00
18) Fluoranthene-d10	19.207	212	592	0.028	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.628	128	13012	0.638	ng/ul	98
10) Acenaphthylene	14.150	152	14143	0.672	ng/ul	98
11) Acenaphthene	14.493	153	19039	1.230	ng/ul	97
12) Fluorene	15.483	166	10872	0.636	ng/ul	98
15) Phenanthrene	17.218	178	30639	1.156	ng/ul	97
16) Anthracene	17.310	178	25782	1.047	ng/ul	98
19) Fluoranthene	19.235	202	20136	0.693	ng/ul	96
20) Pyrene	19.602	202	8908	0.294	ng/ul	97
21) Benzo(a)anthracene	21.351	228	2500m	0.092	ng/ul	
22) Chrysene	21.403	228	7202	0.258	ng/ul	99
24) Benzo(b)fluoranthene	22.967	252	6637	0.261	ng/ul#	76
25) Benzo(k)fluoranthene	23.014	252	5503	0.206	ng/ul#	73
26) Benzo(a)pyrene	23.560	252	8625	0.376	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.994	276	10211	0.337	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.011	278	9794	0.419	ng/ul	96
29) Benzo(g,h,i)perylene	26.712	276	7307	0.310	ng/ul	95

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

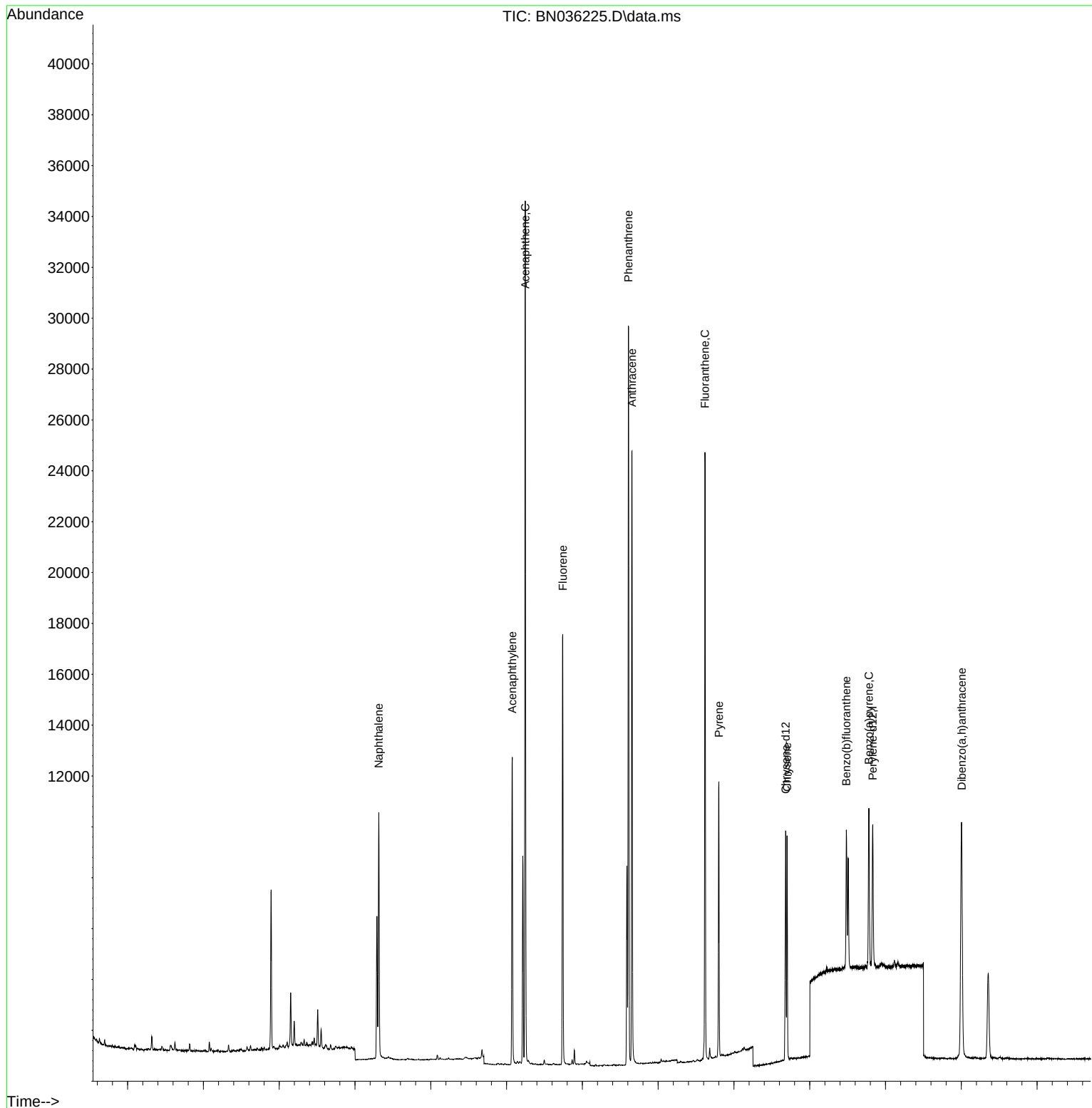
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
Data File : BN036225.D
Acq On : 03 Feb 2025 12:44
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ALS Vial : 5 Sample Multiplier: 1

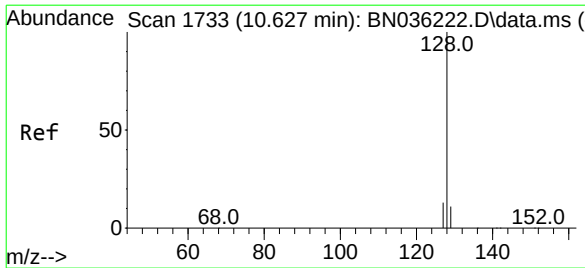
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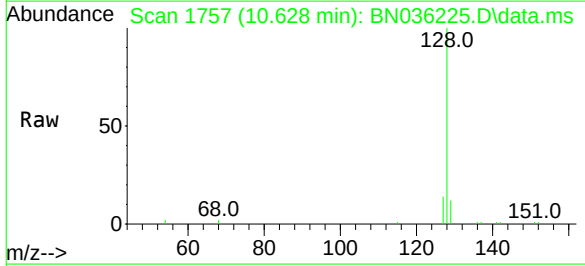
Quant Time: Feb 03 13:06:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 12:27:24 2025
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.638 ng/u1
RT: 10.628 min Scan# 1733
Delta R.T. 0.001 min
Lab File: BN036225.D
Acq: 03 Feb 2025 12:44

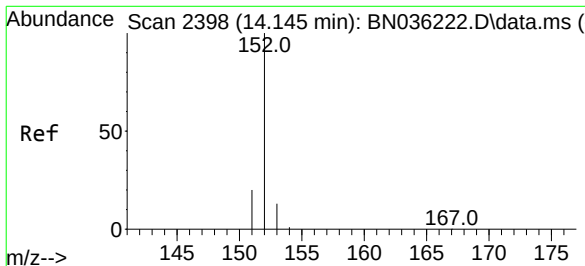
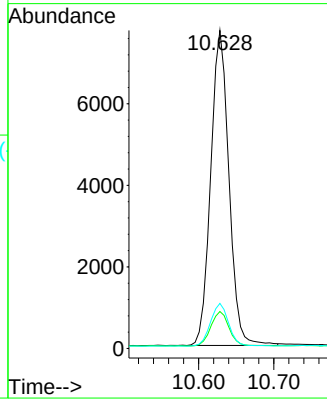
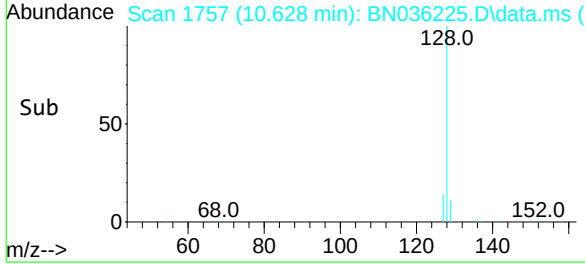
Instrument :
BNA_N
ClientSampleId :
XA172DL



Tgt Ion:	128	Resp:	13012
Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.6	14.4
127	14.2	12.0	18.0

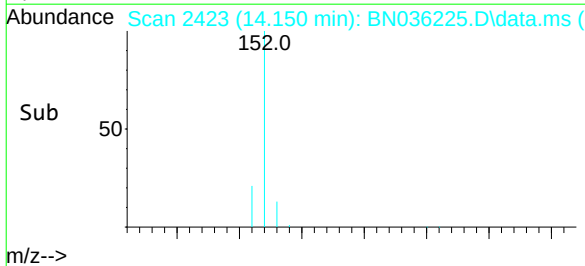
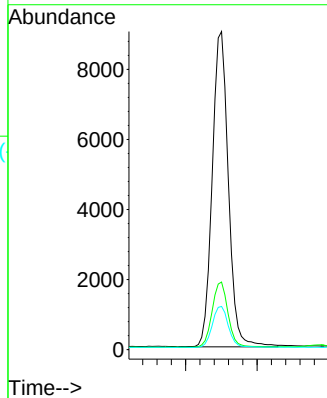
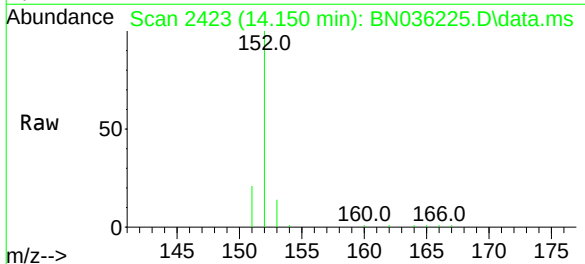
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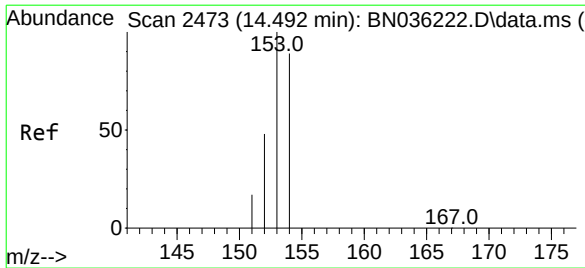
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025



#10
Acenaphthylene
Concen: 0.672 ng/u1
RT: 14.150 min Scan# 2423
Delta R.T. 0.006 min
Lab File: BN036225.D
Acq: 03 Feb 2025 12:44

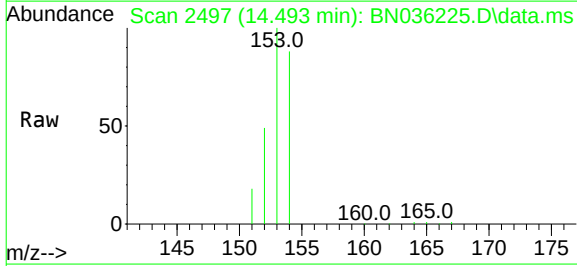
Tgt Ion:	152	Resp:	14143
Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.4	26.2
153	13.6	11.9	17.9





#11
Acenaphthene
Concen: 1.230 ng/u1
RT: 14.493 min Scan# 2473
Delta R.T. 0.001 min
Lab File: BN036225.D
Acq: 03 Feb 2025 12:44

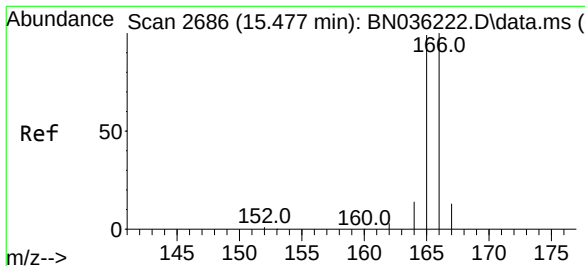
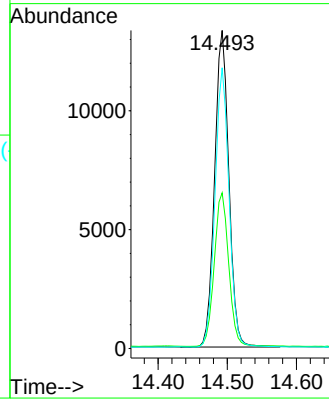
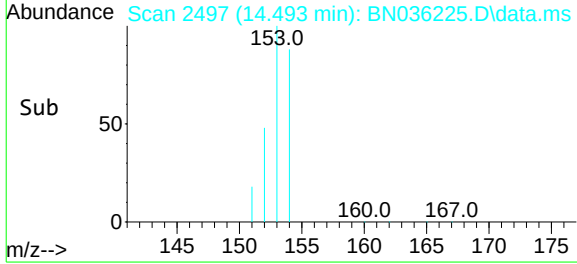
Instrument :
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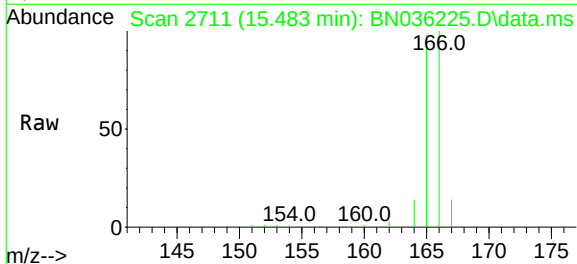
Tgt Ion:153 Resp: 19039
Ion Ratio Lower Upper
153 100
152 48.9 43.2 64.8
154 88.3 70.5 105.7

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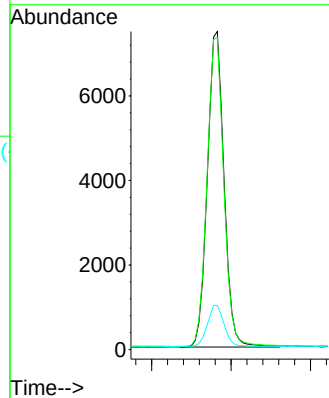
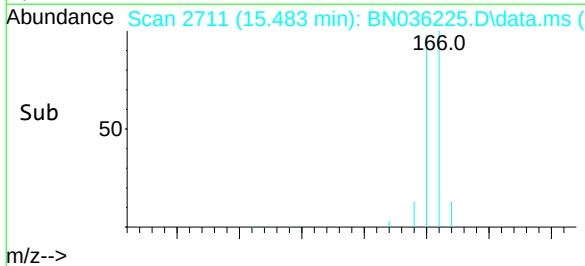
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025

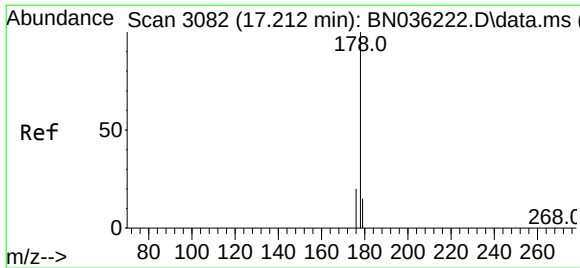


#12
Fluorene
Concen: 0.636 ng/u1
RT: 15.483 min Scan# 2711
Delta R.T. 0.006 min
Lab File: BN036225.D
Acq: 03 Feb 2025 12:44



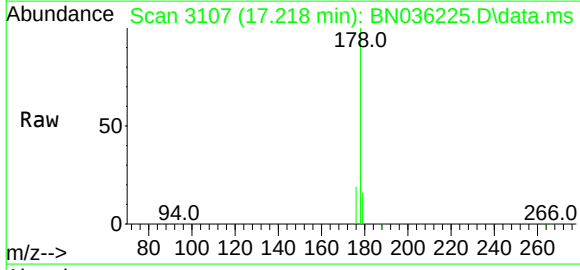
Tgt Ion:166 Resp: 10872
Ion Ratio Lower Upper
166 100
165 98.1 80.3 120.5
167 13.8 12.3 18.5





#15
Phenanthrene
Concen: 1.156 ng/u1
RT: 17.218 min Scan# 3107
Delta R.T. 0.005 min
Lab File: BN036225.D
Acq: 03 Feb 2025 12:44

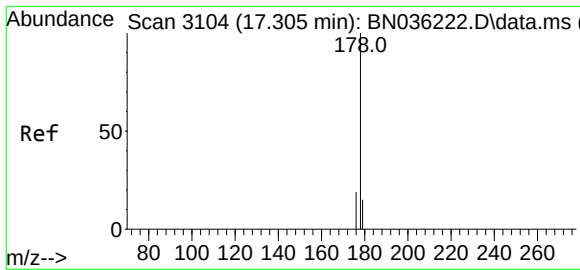
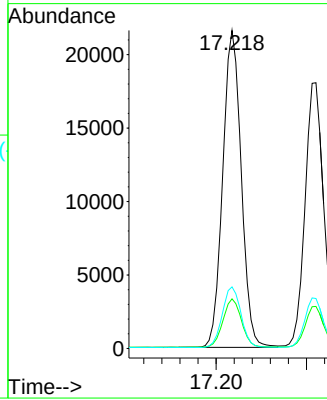
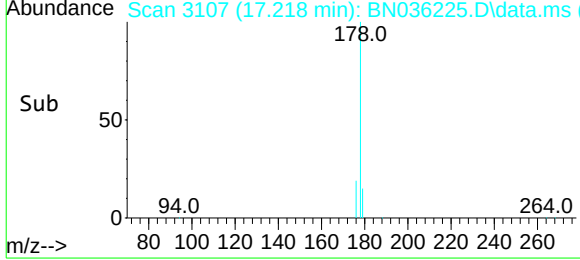
Instrument :
BNA_N
ClientSampleId :
XA172DL



Tgt Ion:	178	Resp:	30639
Ion Ratio	Lower	Upper	
178	100		
179	15.6	13.2	19.8
176	19.4	16.8	25.2

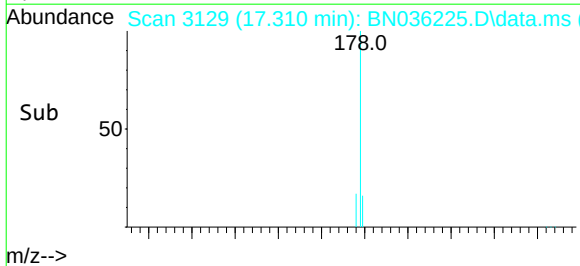
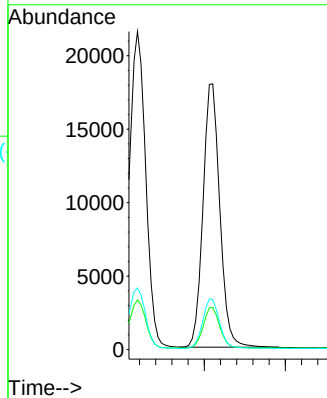
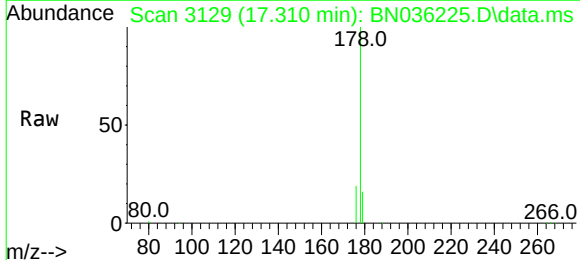
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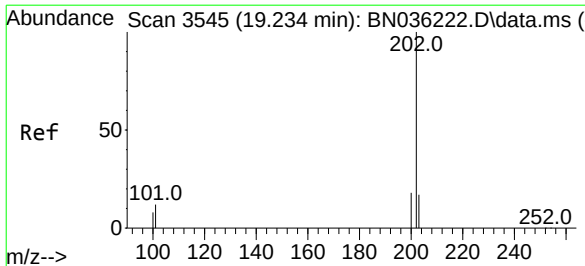
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025



#16
Anthracene
Concen: 1.047 ng/u1
RT: 17.310 min Scan# 3129
Delta R.T. 0.005 min
Lab File: BN036225.D
Acq: 03 Feb 2025 12:44

Tgt Ion:	178	Resp:	25782
Ion Ratio	Lower	Upper	
178	100		
179	15.8	13.0	19.4
176	18.8	15.9	23.9





#19

Fluoranthene

Concen: 0.693 ng/u1

RT: 19.235 min Scan# 3545

Delta R.T. 0.001 min

Lab File: BN036225.D

Acq: 03 Feb 2025 12:44

Instrument :

BNA_N

ClientSampleId :

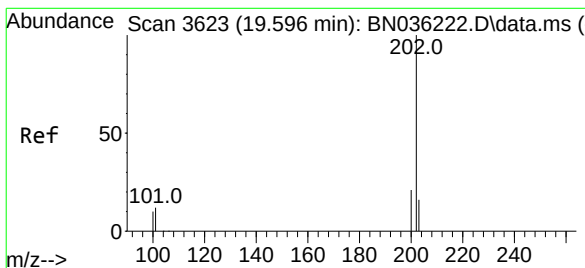
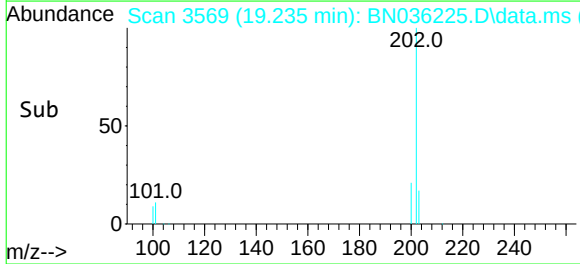
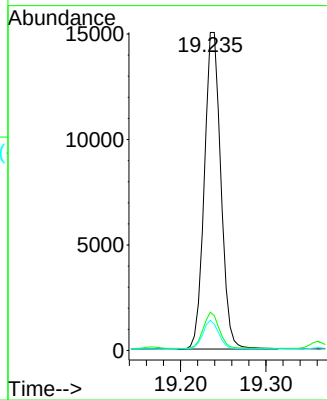
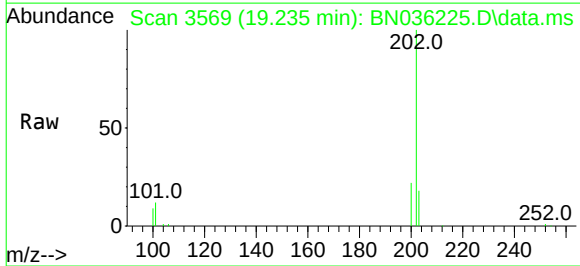
XA172DL

Tgt	Ion:202	Resp:	20136
Ion	Ratio	Lower	Upper
202	100		
101	12.0	8.4	12.6
100	9.5	6.5	9.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025



#20

Pyrene

Concen: 0.294 ng/u1

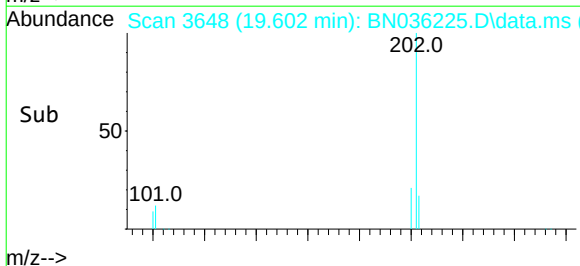
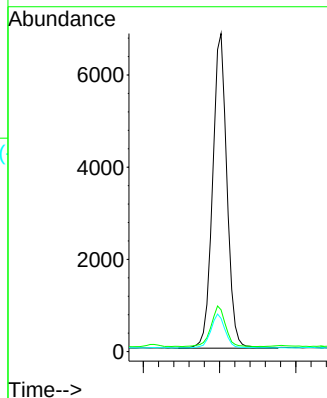
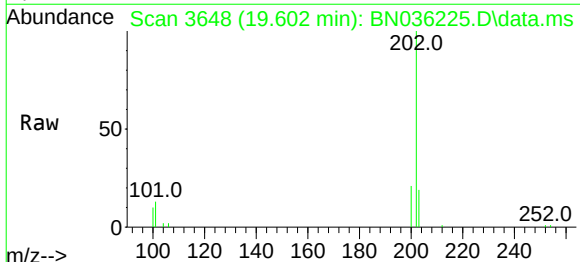
RT: 19.602 min Scan# 3648

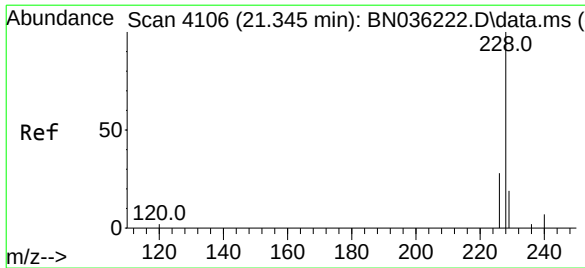
Delta R.T. 0.006 min

Lab File: BN036225.D

Acq: 03 Feb 2025 12:44

Tgt	Ion:202	Resp:	8908
Ion	Ratio	Lower	Upper
202	100		
101	13.1	9.3	13.9
100	10.4	7.5	11.3





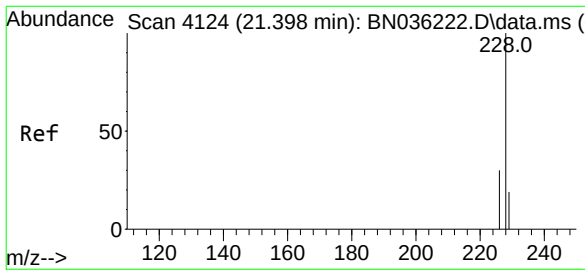
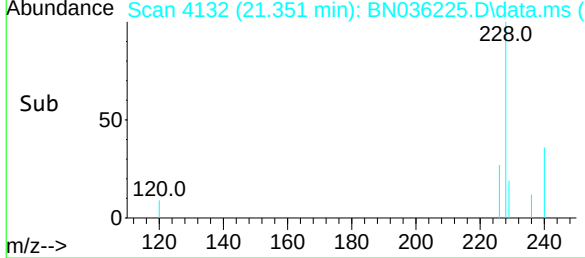
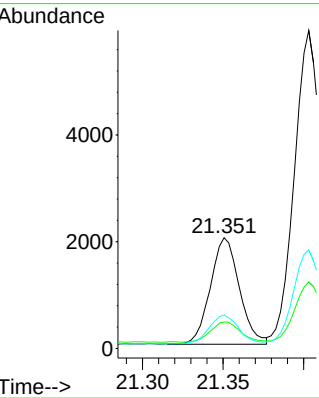
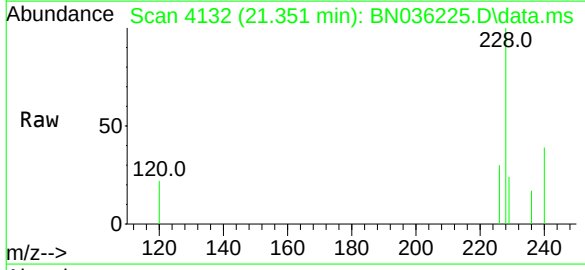
#21
Benzo(a)anthracene
Concen: 0.092 ng/u1 m
RT: 21.351 min Scan# 41
Delta R.T. 0.005 min
Lab File: BN036225.D
Acq: 03 Feb 2025 12:44

Instrument :
BNA_N
ClientSampleId :
XA172DL

Tgt Ion:	228	Resp:	2500
Ion Ratio	Lower	Upper	
228	100		
229	23.9	15.9	23.9
226	30.3	22.8	34.2

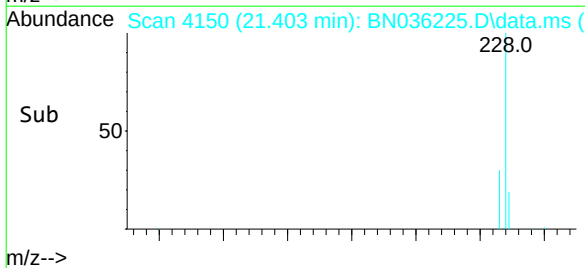
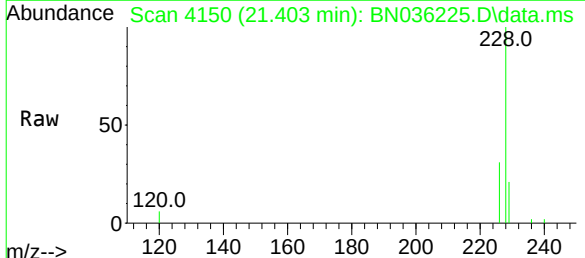
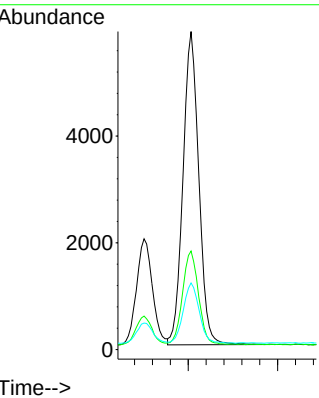
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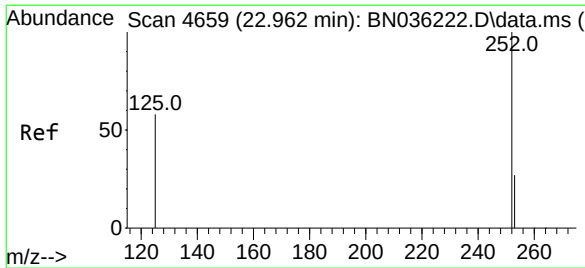
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025



#22
Chrysene
Concen: 0.258 ng/u1
RT: 21.403 min Scan# 4150
Delta R.T. 0.005 min
Lab File: BN036225.D
Acq: 03 Feb 2025 12:44

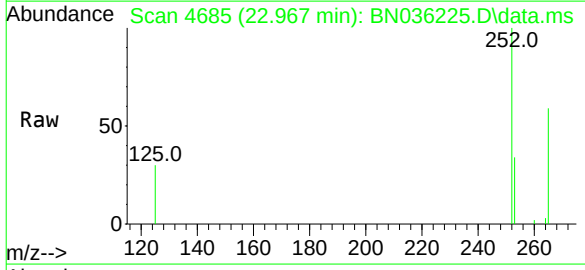
Tgt Ion:	228	Resp:	7202
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.4	36.6
229	20.9	15.9	23.9





#24
Benzo(b)fluoranthene
Concen: 0.261 ng/u1
RT: 22.967 min Scan# 4685
Delta R.T. 0.005 min
Lab File: BN036225.D
Acq: 03 Feb 2025 12:44

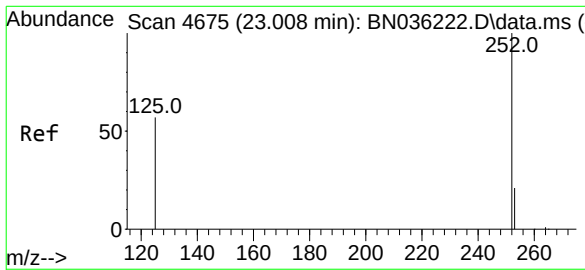
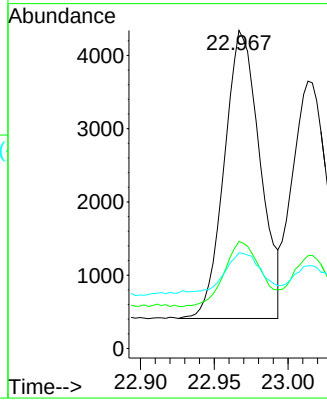
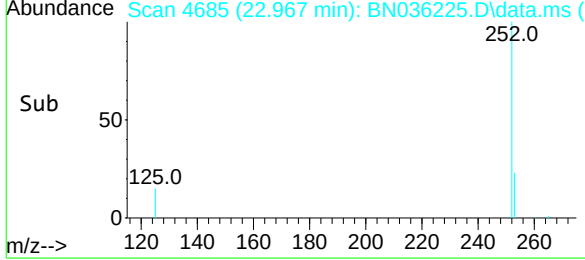
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Tgt Ion:252 Resp: 6637
Ion Ratio Lower Upper
252 100
253 33.7 0.0 51.2
125 30.1 0.0 27.8#

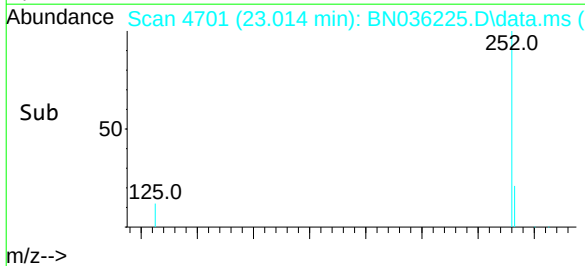
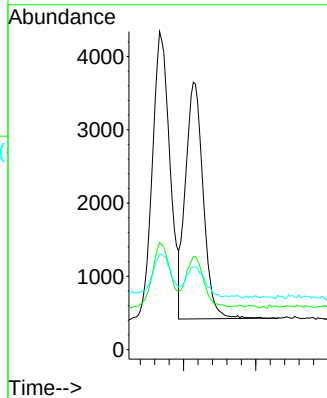
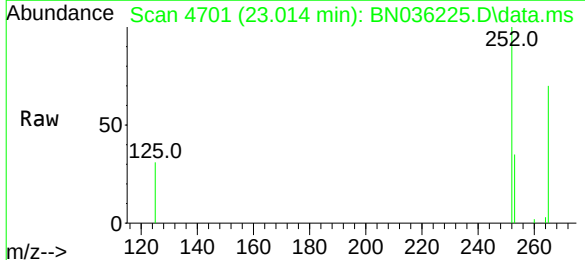
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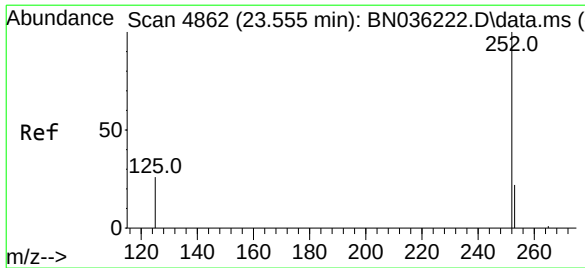
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025



#25
Benzo(k)fluoranthene
Concen: 0.206 ng/u1
RT: 23.014 min Scan# 4701
Delta R.T. 0.005 min
Lab File: BN036225.D
Acq: 03 Feb 2025 12:44

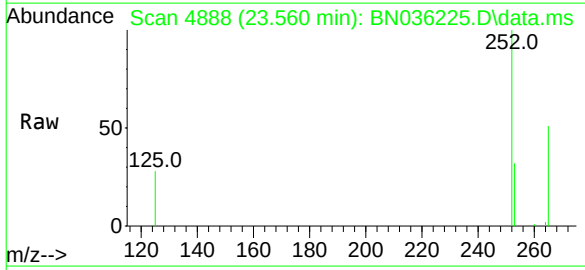
Tgt Ion:252 Resp: 5503
Ion Ratio Lower Upper
252 100
253 34.7 20.2 30.4#
125 30.9 10.6 16.0#





#26
Benzo(a)pyrene
Concen: 0.376 ng/u1
RT: 23.560 min Scan# 4862
Delta R.T. 0.005 min
Lab File: BN036225.D
Acq: 03 Feb 2025 12:44

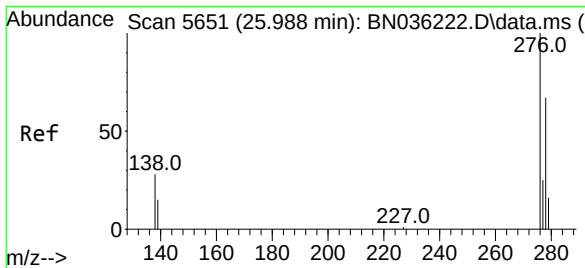
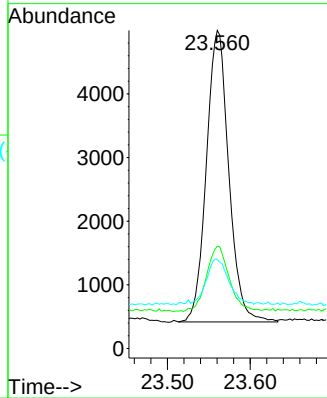
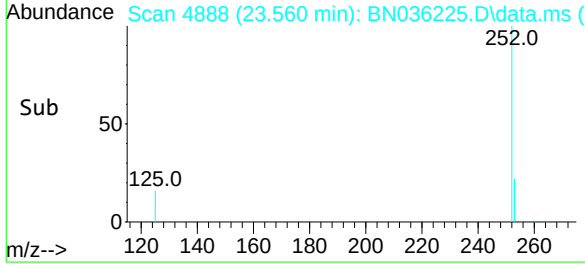
Instrument :
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ClientSampleId :
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Tgt Ion:	252	Resp:	8625
Ion Ratio	Lower	Upper	
252	100		
253	32.1	22.2	33.4
125	28.0	13.1	19.7

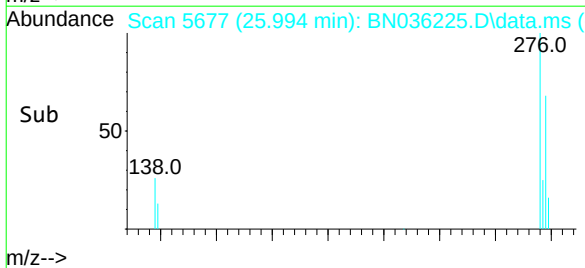
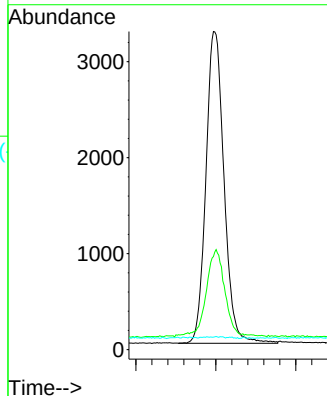
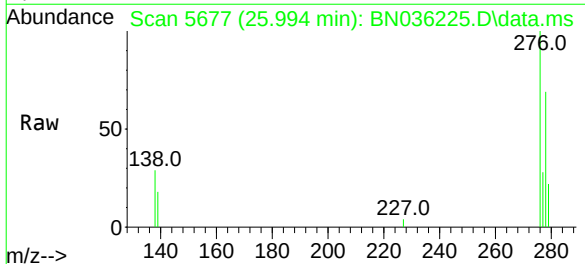
Manual Integrations
APPROVED

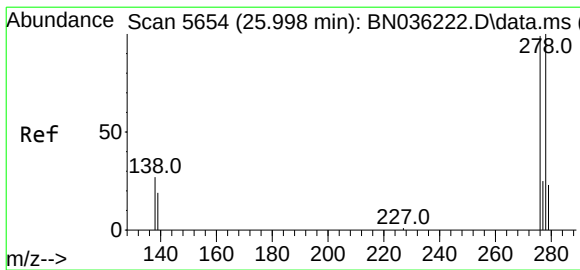
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.337 ng/u1
RT: 25.994 min Scan# 5677
Delta R.T. 0.006 min
Lab File: BN036225.D
Acq: 03 Feb 2025 12:44

Tgt Ion:	276	Resp:	10211
Ion Ratio	Lower	Upper	
276	100		
138	28.5	20.2	30.4
227	0.1	0.1	0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.419 ng/u1

RT: 26.011 min Scan# 56

Delta R.T. 0.013 min

Lab File: BN036225.D

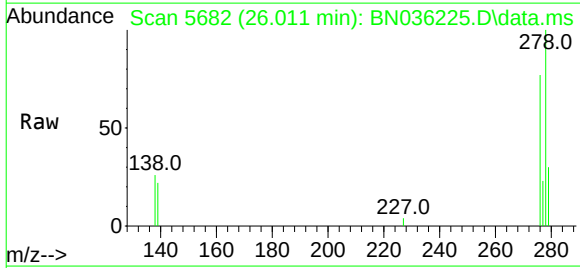
Acq: 03 Feb 2025 12:44

Instrument :

BNA_N

ClientSampleId :

XA172DL



Tgt Ion:278 Resp: 9794

Ion Ratio Lower Upper

278 100

139 21.6 15.4 23.2

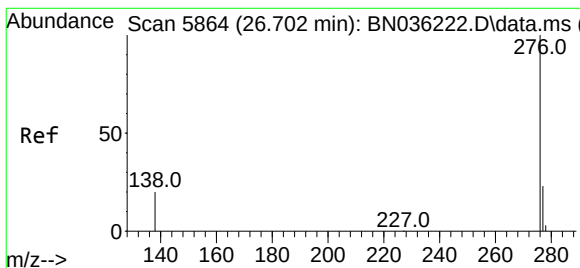
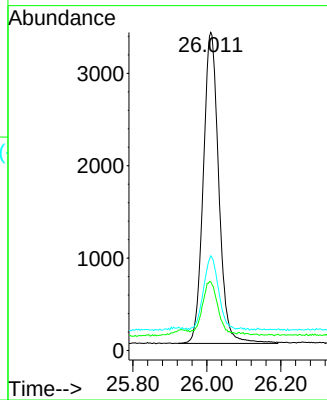
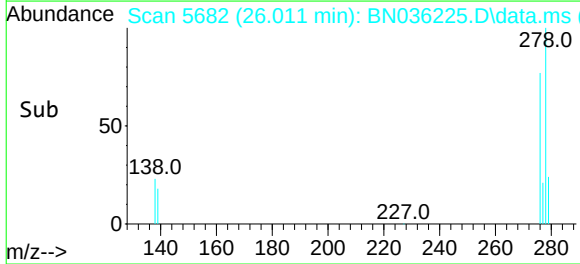
279 29.8 22.2 33.4

Manual Integrations

APPROVED

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#29

Benzo(g,h,i)perylene

Concen: 0.310 ng/u1

RT: 26.712 min Scan# 5891

Delta R.T. 0.009 min

Lab File: BN036225.D

Acq: 03 Feb 2025 12:44

Tgt Ion:276 Resp: 7307

Ion Ratio Lower Upper

276 100

138 27.8 19.4 29.0

277 27.7 21.1 31.7

