

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
 Data File : BN036229.D
 Acq On : 03 Feb 2025 15:09
 Operator : RC/JU
 Sample : Q1248-02DL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A6319DL

Manual Integrations
 APPROVED

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

Quant Time: Feb 03 15:39:01 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	2991	0.400	ng/ul	0.00
4) Naphthalene-d8	10.579	136	7405	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.428	164	4404	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.175	188	9348	0.400	ng/ul	0.00
17) Chrysene-d12	21.365	240	8268	0.400	ng/ul	# 0.00
23) Perylene-d12	23.662	264	7373m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	908	0.277	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.173	152	226	0.024	ng/ul	0.00
18) Fluoranthene-d10	19.207	212	742	0.033	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.628	128	15816	0.775	ng/ul	98
10) Acenaphthylene	14.150	152	6920	0.333	ng/ul	97
11) Acenaphthene	14.492	153	6653	0.435	ng/ul	97
12) Fluorene	15.478	166	2603	0.154	ng/ul	98
15) Phenanthrene	17.213	178	36371	1.329	ng/ul	98
16) Anthracene	17.306	178	27607	1.085	ng/ul	98
19) Fluoranthene	19.235	202	8300	0.264	ng/ul	95
20) Pyrene	19.597	202	13225	0.403	ng/ul#	94
21) Benzo(a)anthracene	21.350	228	4709	0.160	ng/ul	96
22) Chrysene	21.400	228	26309	0.873	ng/ul	100
24) Benzo(b)fluoranthene	22.967	252	10813	0.439	ng/ul	86
25) Benzo(k)fluoranthene	23.010	252	2759	0.107	ng/ul#	38
26) Benzo(a)pyrene	23.557	252	12589	0.566	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.994	276	7317	0.249	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.007	278	6330	0.279	ng/ul#	89
29) Benzo(g,h,i)perylene	26.705	276	18204	0.797	ng/ul	98

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

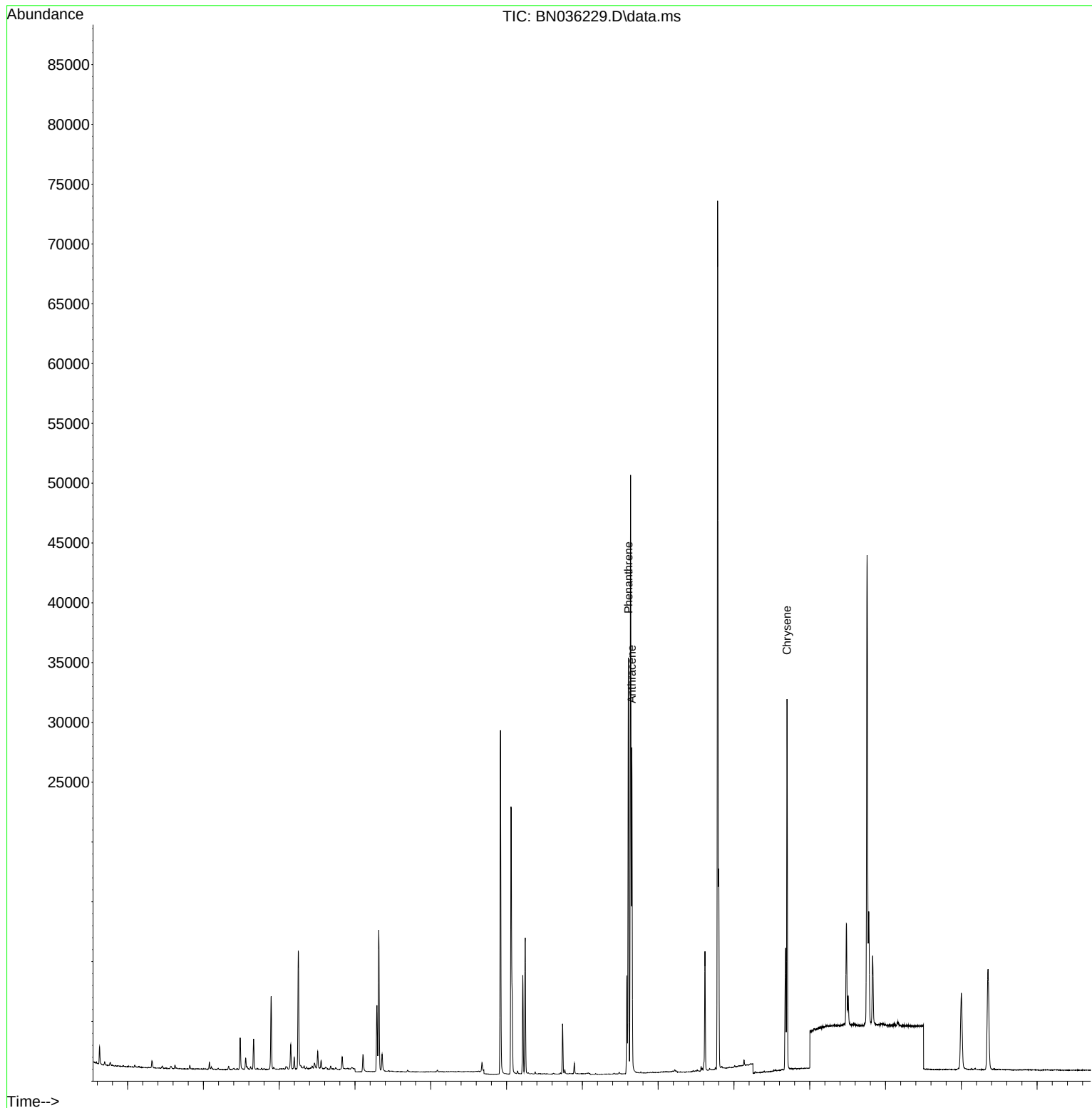
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
Data File : BN036229.D
Acq On : 03 Feb 2025 15:09
Operator : RC/JU
Sample : Q1248-02DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

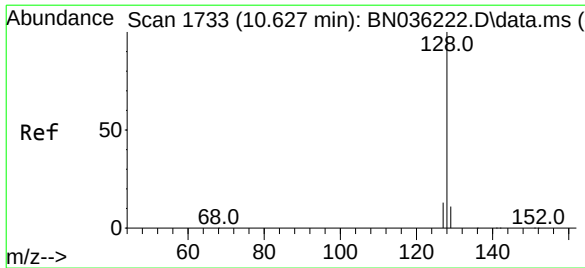
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Supervised By :mohammad ahmed 02/07/2025

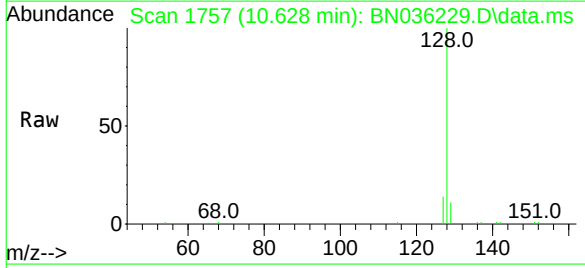
Quant Time: Feb 03 15:39:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 12:27:24 2025
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.775 ng/u1
RT: 10.628 min Scan# 1733
Delta R.T. 0.001 min
Lab File: BN036229.D
Acq: 03 Feb 2025 15:09

Instrument :
BNA_N
ClientSampleId :
A6319DL

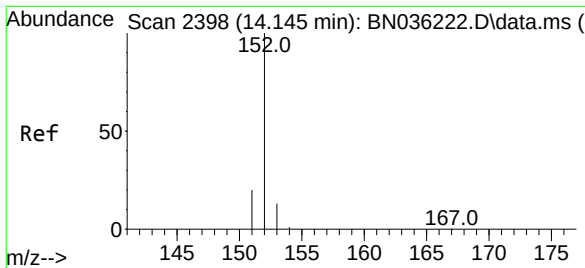
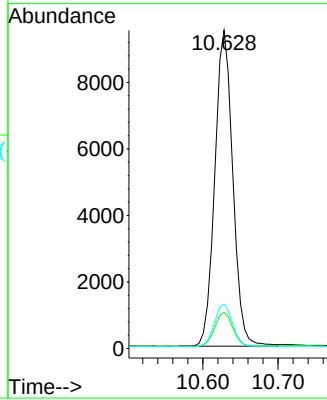
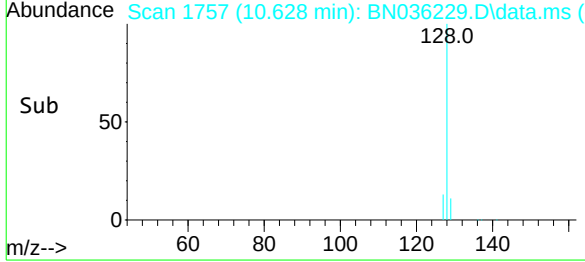


Tgt Ion:128 Resp: 15816

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.6	14.4
127	13.9	12.0	18.0

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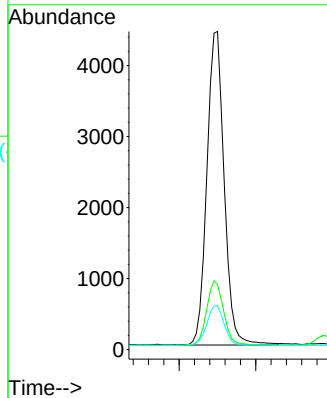
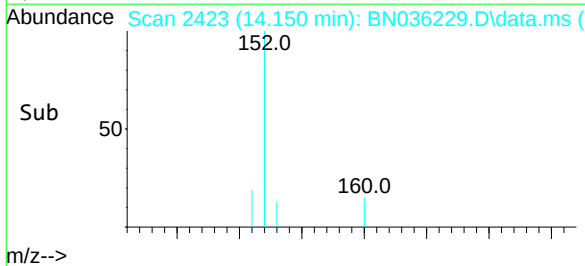
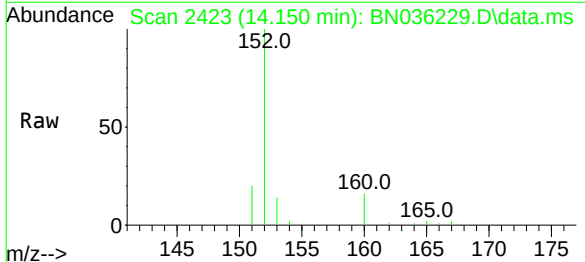
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025

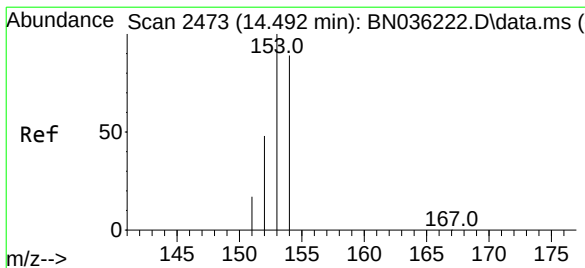


#10
Acenaphthylene
Concen: 0.333 ng/u1
RT: 14.150 min Scan# 2423
Delta R.T. 0.005 min
Lab File: BN036229.D
Acq: 03 Feb 2025 15:09

Tgt Ion:152 Resp: 6920

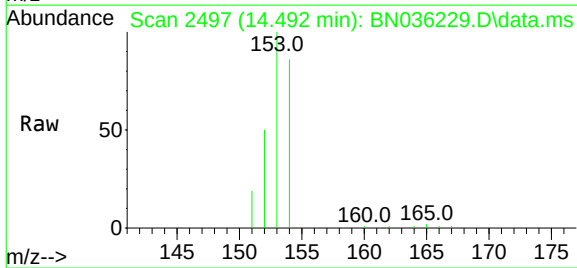
Ion	Ratio	Lower	Upper
152	100		
151	20.4	17.4	26.2
153	13.8	11.9	17.9





#11
Acenaphthene
Concen: 0.435 ng/u1
RT: 14.492 min Scan# 2473
Delta R.T. 0.001 min
Lab File: BN036229.D
Acq: 03 Feb 2025 15:09

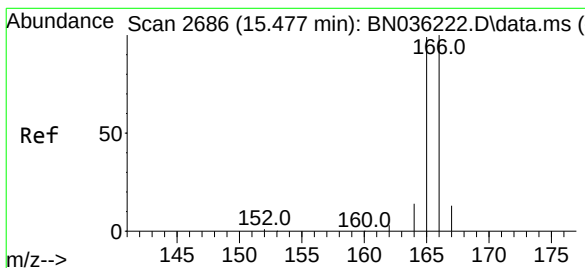
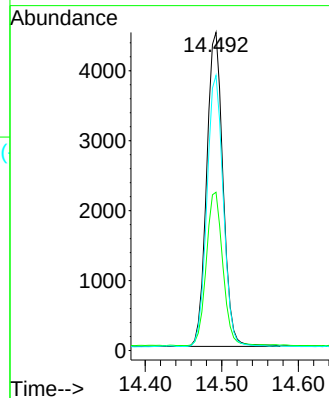
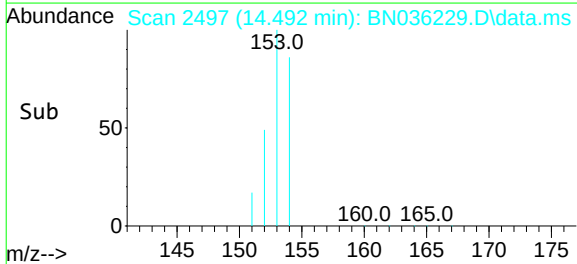
Instrument :
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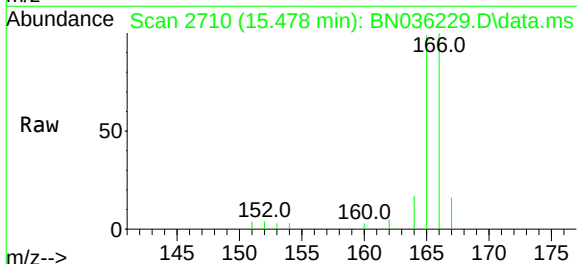
Tgt Ion:153 Resp: 6653
Ion Ratio Lower Upper
153 100
152 49.8 43.2 64.8
154 86.5 70.5 105.7

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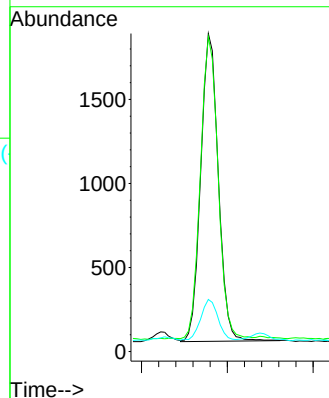
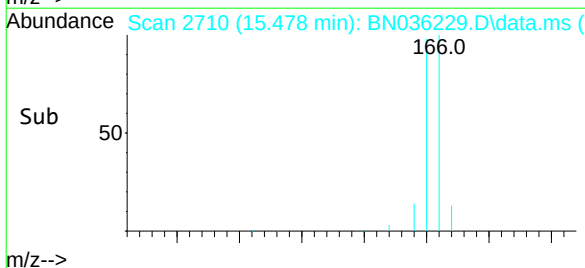
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025

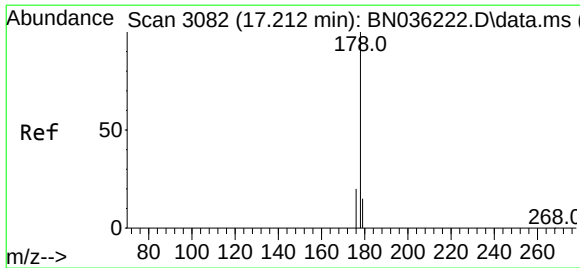


#12
Fluorene
Concen: 0.154 ng/u1
RT: 15.478 min Scan# 2710
Delta R.T. 0.001 min
Lab File: BN036229.D
Acq: 03 Feb 2025 15:09



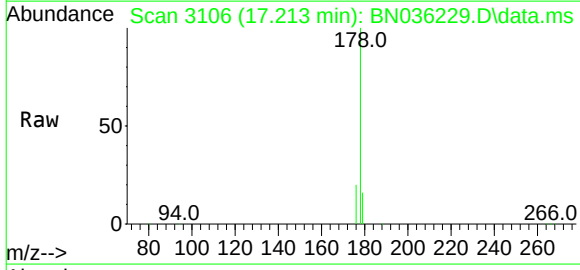
Tgt Ion:166 Resp: 2603
Ion Ratio Lower Upper
166 100
165 99.0 80.3 120.5
167 16.4 12.3 18.5





#15
Phenanthrene
Concen: 1.329 ng/u1
RT: 17.213 min Scan# 3106
Delta R.T. 0.001 min
Lab File: BN036229.D
Acq: 03 Feb 2025 15:09

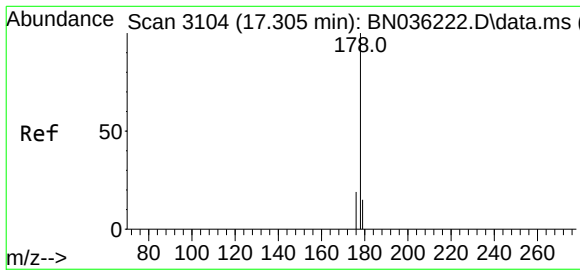
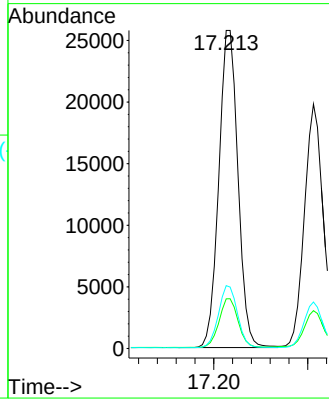
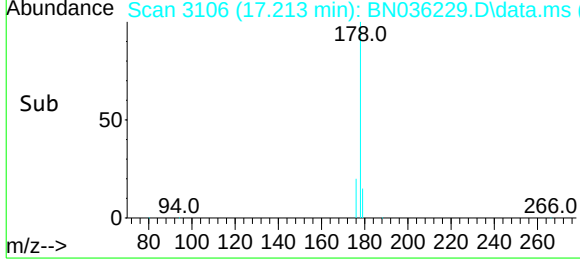
Instrument :
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Tgt Ion:	178	Resp:	36371
Ion Ratio	Lower	Upper	
178	100		
179	15.6	13.2	19.8
176	19.8	16.8	25.2

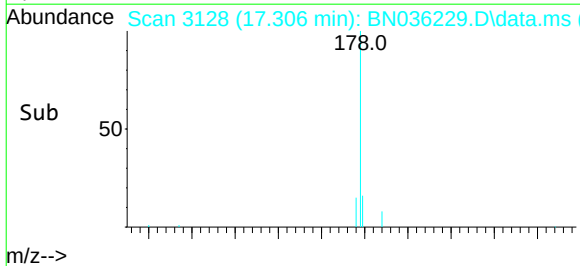
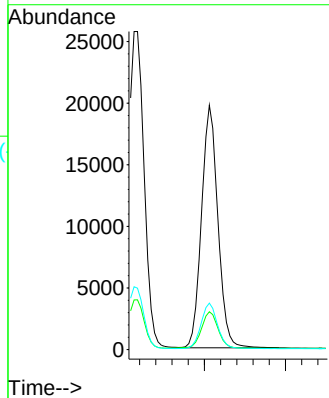
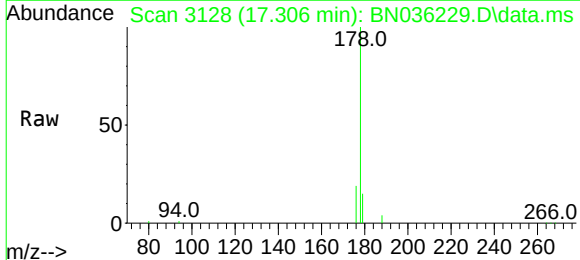
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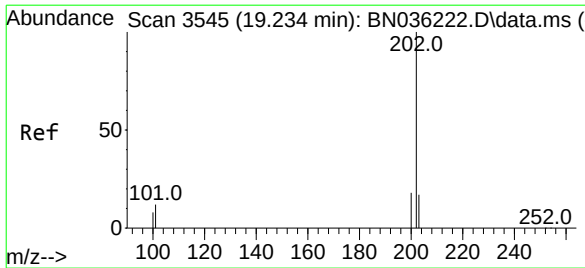
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025



#16
Anthracene
Concen: 1.085 ng/u1
RT: 17.306 min Scan# 3128
Delta R.T. 0.001 min
Lab File: BN036229.D
Acq: 03 Feb 2025 15:09

Tgt Ion:	178	Resp:	27607
Ion Ratio	Lower	Upper	
178	100		
179	15.5	13.0	19.4
176	19.0	15.9	23.9





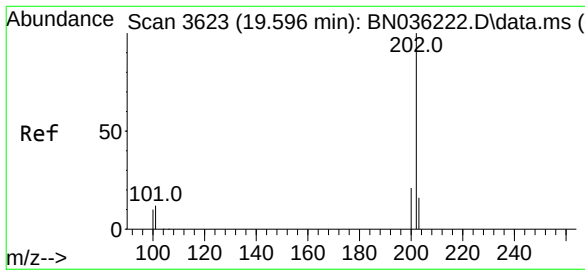
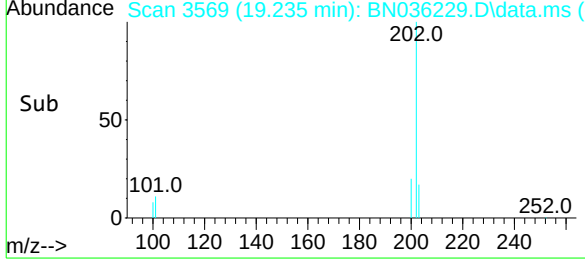
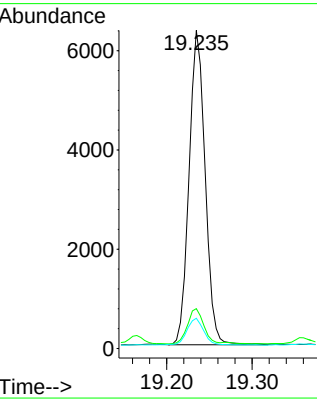
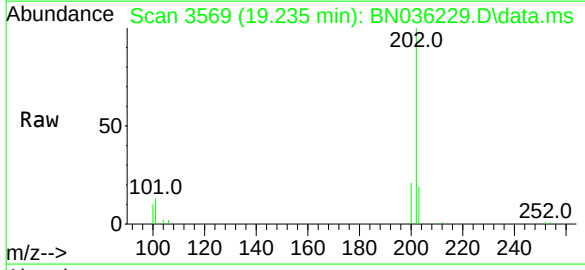
#19
 Fluoranthene
 Concen: 0.264 ng/u1
 RT: 19.235 min Scan# 3545
 Delta R.T. 0.001 min
 Lab File: BN036229.D
 Acq: 03 Feb 2025 15:09

Instrument :
 BNA_N
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 A6319DL

Tgt Ion:	202	Resp:	8300
Ion	Ratio	Lower	Upper
202	100		
101	12.5	8.4	12.6
100	9.5	6.5	9.7

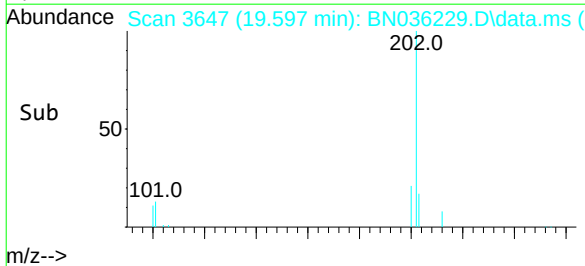
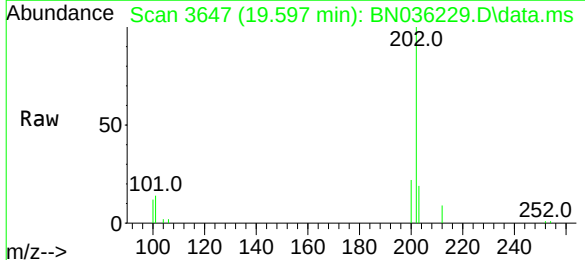
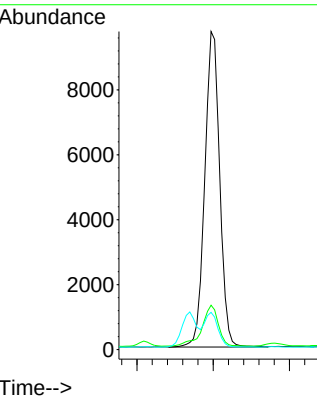
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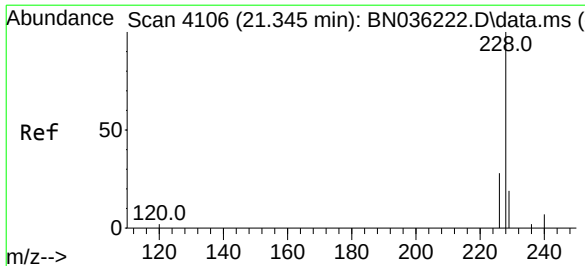
Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/07/2025



#20
 Pyrene
 Concen: 0.403 ng/u1
 RT: 19.597 min Scan# 3647
 Delta R.T. 0.001 min
 Lab File: BN036229.D
 Acq: 03 Feb 2025 15:09

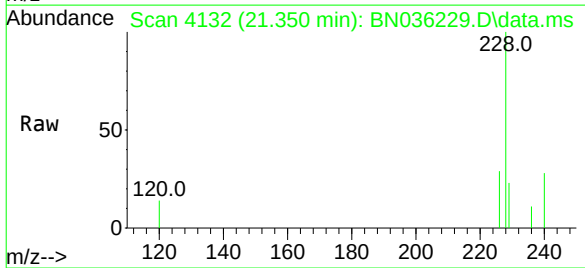
Tgt Ion:	202	Resp:	13225
Ion	Ratio	Lower	Upper
202	100		
101	13.9	9.3	13.9#
100	11.7	7.5	11.3#





#21
Benzo(a)anthracene
Concen: 0.160 ng/u1
RT: 21.350 min Scan# 411
Delta R.T. 0.005 min
Lab File: BN036229.D
Acq: 03 Feb 2025 15:09

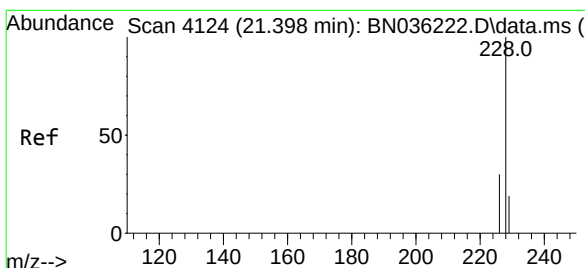
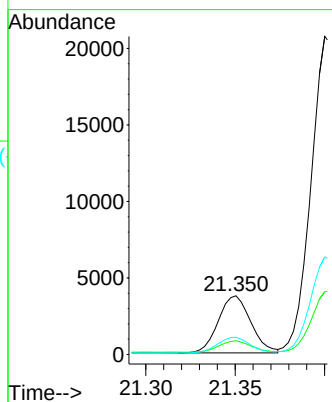
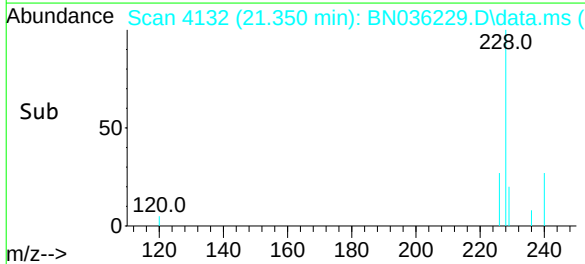
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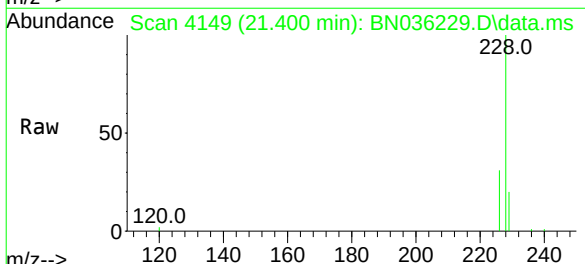
Tgt Ion:228 Resp: 4709
Ion Ratio Lower Upper
228 100
229 23.4 15.9 23.9
226 29.3 22.8 34.2

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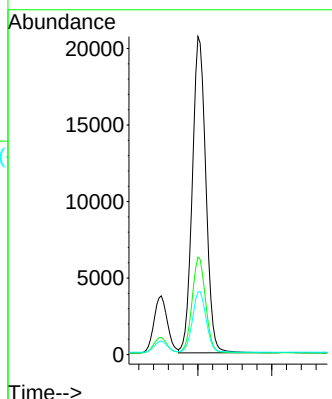
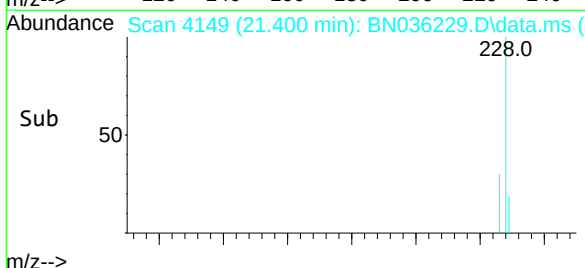
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025

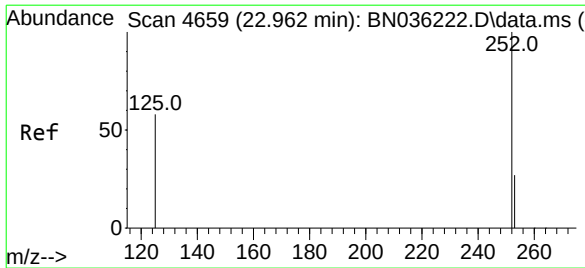


#22
Chrysene
Concen: 0.873 ng/u1
RT: 21.400 min Scan# 4149
Delta R.T. 0.002 min
Lab File: BN036229.D
Acq: 03 Feb 2025 15:09



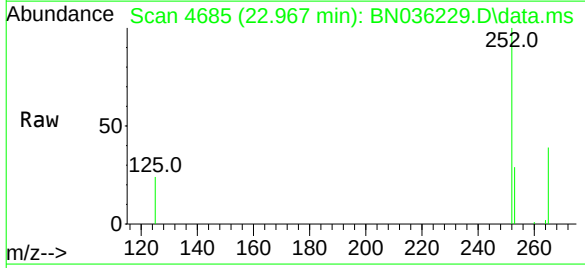
Tgt Ion:228 Resp: 26309
Ion Ratio Lower Upper
228 100
226 30.7 24.4 36.6
229 19.7 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.439 ng/u1
RT: 22.967 min Scan# 4685
Delta R.T. 0.005 min
Lab File: BN036229.D
Acq: 03 Feb 2025 15:09

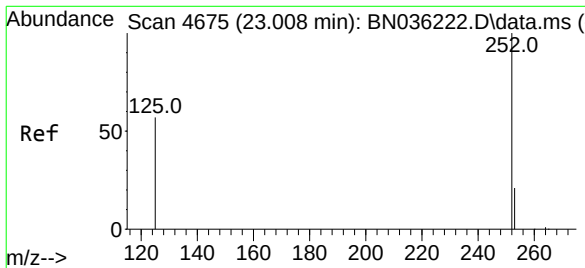
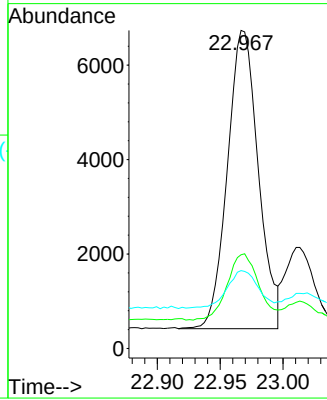
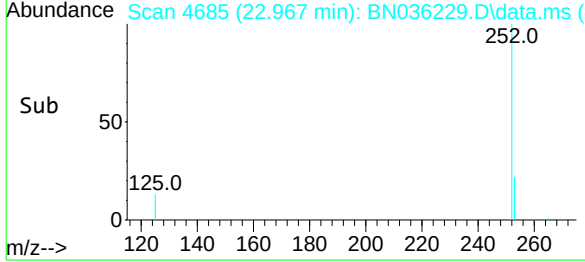
Instrument :
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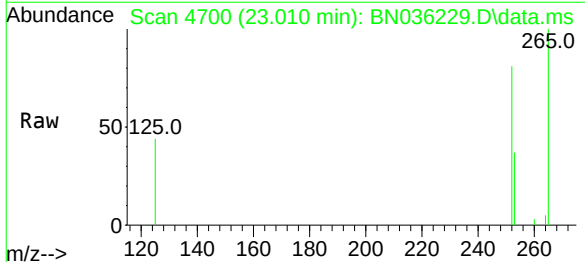
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Ion Ratio Lower Upper
252 100
253 29.5 0.0 51.2
125 24.5 0.0 27.8

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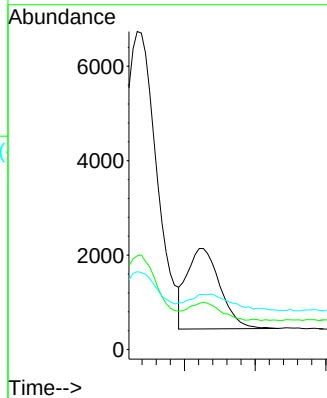
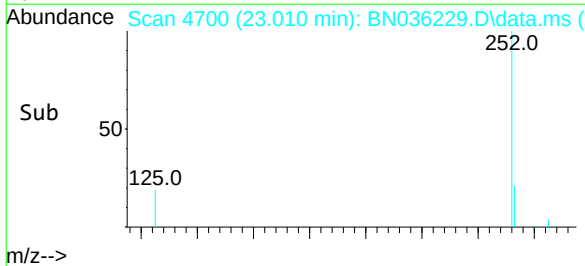
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025

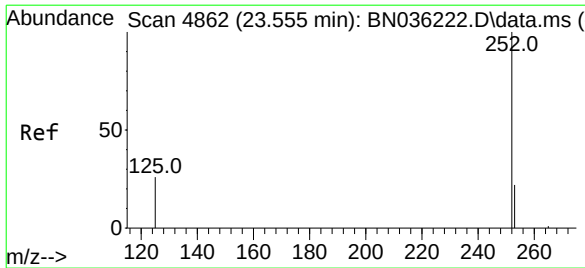


#25
Benzo(k)fluoranthene
Concen: 0.107 ng/u1
RT: 23.010 min Scan# 4700
Delta R.T. 0.002 min
Lab File: BN036229.D
Acq: 03 Feb 2025 15:09



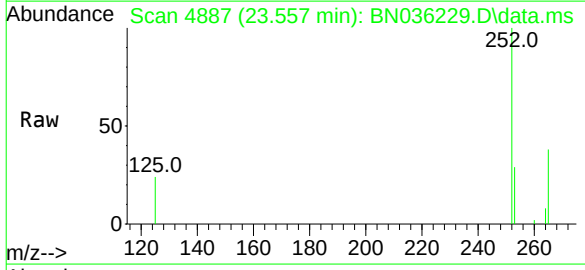
Tgt Ion:252 Resp: 2759
Ion Ratio Lower Upper
252 100
253 45.7 20.2 30.4#
125 54.5 10.6 16.0#





#26
Benzo(a)pyrene
Concen: 0.566 ng/u1
RT: 23.557 min Scan# 4862
Delta R.T. 0.002 min
Lab File: BN036229.D
Acq: 03 Feb 2025 15:09

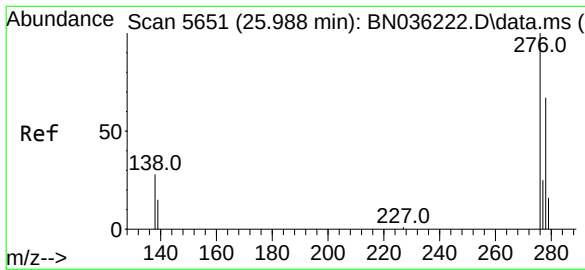
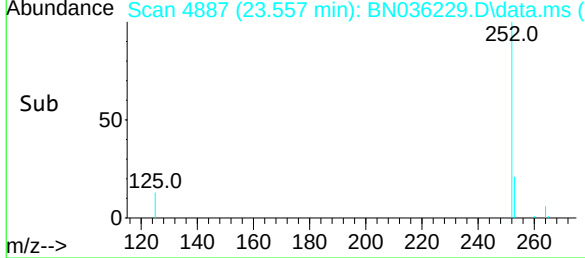
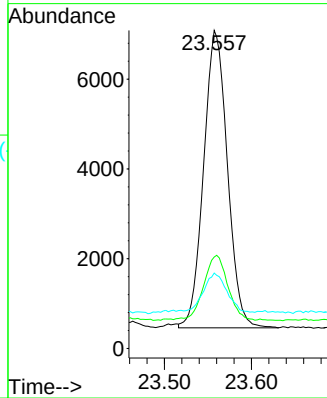
Instrument :
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ClientSampleId :
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Tgt Ion:	252	Resp:	12589
Ion Ratio	Lower	Upper	
252	100		
253	28.8	22.2	33.4
125	23.7	13.1	19.7#

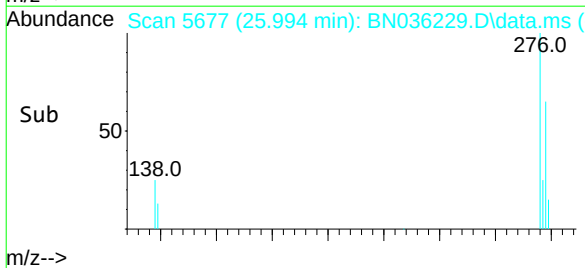
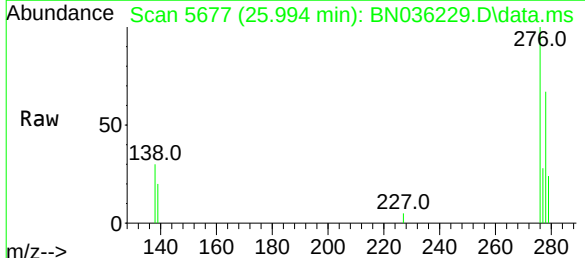
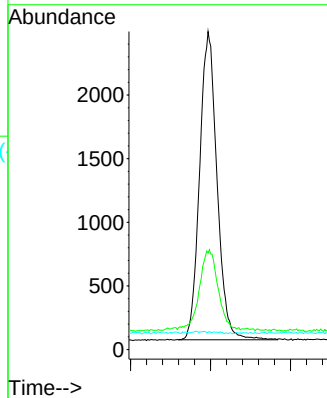
Manual Integrations
APPROVED

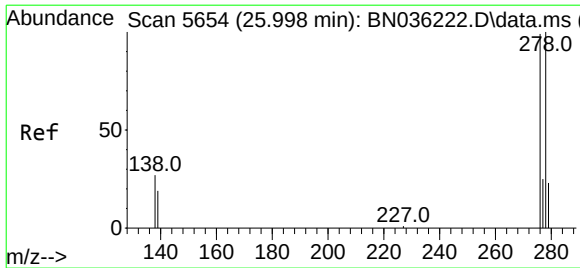
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.249 ng/u1
RT: 25.994 min Scan# 5677
Delta R.T. 0.006 min
Lab File: BN036229.D
Acq: 03 Feb 2025 15:09

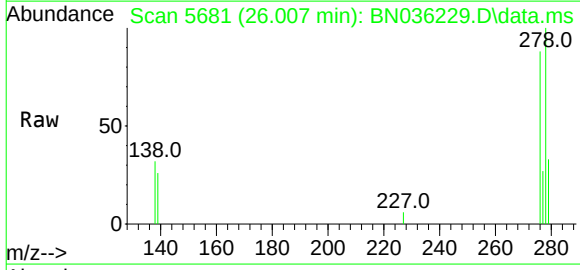
Tgt Ion:	276	Resp:	7317
Ion Ratio	Lower	Upper	
276	100		
138	27.6	20.2	30.4
227	0.1	0.1	0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.279 ng/ul
 RT: 26.007 min Scan# 5681
 Delta R.T. 0.009 min
 Lab File: BN036229.D
 Acq: 03 Feb 2025 15:09

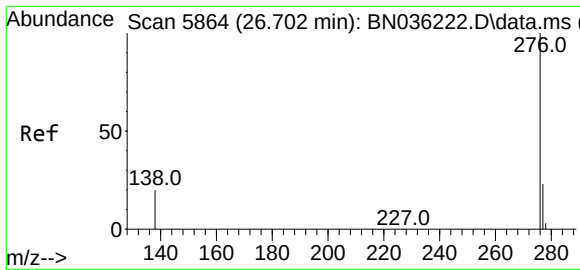
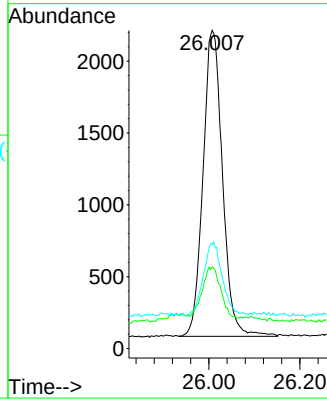
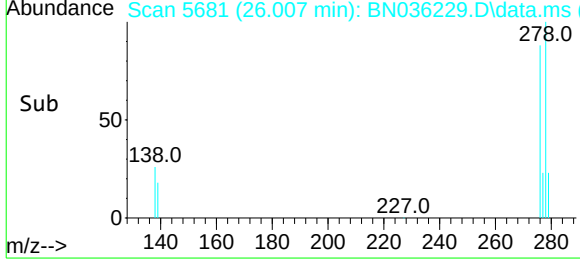
Instrument :
 BNA_N
 ClientSampleId :
 A6319DL



Tgt Ion:	278	Resp:	6330
Ion	Ratio	Lower	Upper
278	100		
139	25.7	15.4	23.2
279	32.7	22.2	33.4

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#29
 Benzo(g,h,i)perylene
 Concen: 0.797 ng/ul
 RT: 26.705 min Scan# 5889
 Delta R.T. 0.002 min
 Lab File: BN036229.D
 Acq: 03 Feb 2025 15:09

Tgt Ion:	276	Resp:	18204
Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.4	29.0
277	24.5	21.1	31.7

