

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
 Data File : BN036033.D
 Acq On : 27 Jan 2025 12:55
 Operator : RC/JU
 Sample : Q1148-08DL2 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 XA177DL2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025
 Supervised By :mohammad ahmed 01/31/2025

Quant Time: Jan 27 13:21:13 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 : Tue Jan 21 23:52:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	1682	0.400	ng/ul	0.00
4) Naphthalene-d8	10.605	136	3254	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.450	164	1749	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	3648	0.400	ng/ul	0.00
17) Chrysene-d12	21.375	240	2817	0.400	ng/ul	0.00
23) Perylene-d12	23.672	264	3031	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	140	0.076	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	173	0.042	ng/ul	0.00
18) Fluoranthene-d10	19.220	212	396	0.051	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.655	128	6687	0.746	ng/ul	99
10) Acenaphthylene	14.168	152	8437	1.023	ng/ul	97
11) Acenaphthene	14.510	153	2153	0.355	ng/ul	98
12) Fluorene	15.500	166	3194	0.477	ng/ul	98
15) Phenanthrene	17.233	178	4979	0.466	ng/ul	99
16) Anthracene	17.326	178	1388	0.140	ng/ul#	92
19) Fluoranthene	19.248	202	1836	0.171	ng/ul#	95
20) Pyrene	19.610	202	4843	0.433	ng/ul	99
21) Benzo(a)anthracene	21.357	228	2097	0.209	ng/ul	97
22) Chrysene	21.410	228	1658	0.161	ng/ul	95
24) Benzo(b)fluoranthene	22.976	252	586m	0.058	ng/ul	
25) Benzo(k)fluoranthene	23.023	252	3010	0.283	ng/ul#	91
26) Benzo(a)pyrene	23.567	252	1480	0.162	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.018	276	2383	0.197	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.028	278	3658	0.393	ng/ul	96
29) Benzo(g,h,i)perylene	26.726	276	4648	0.495	ng/ul	98

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

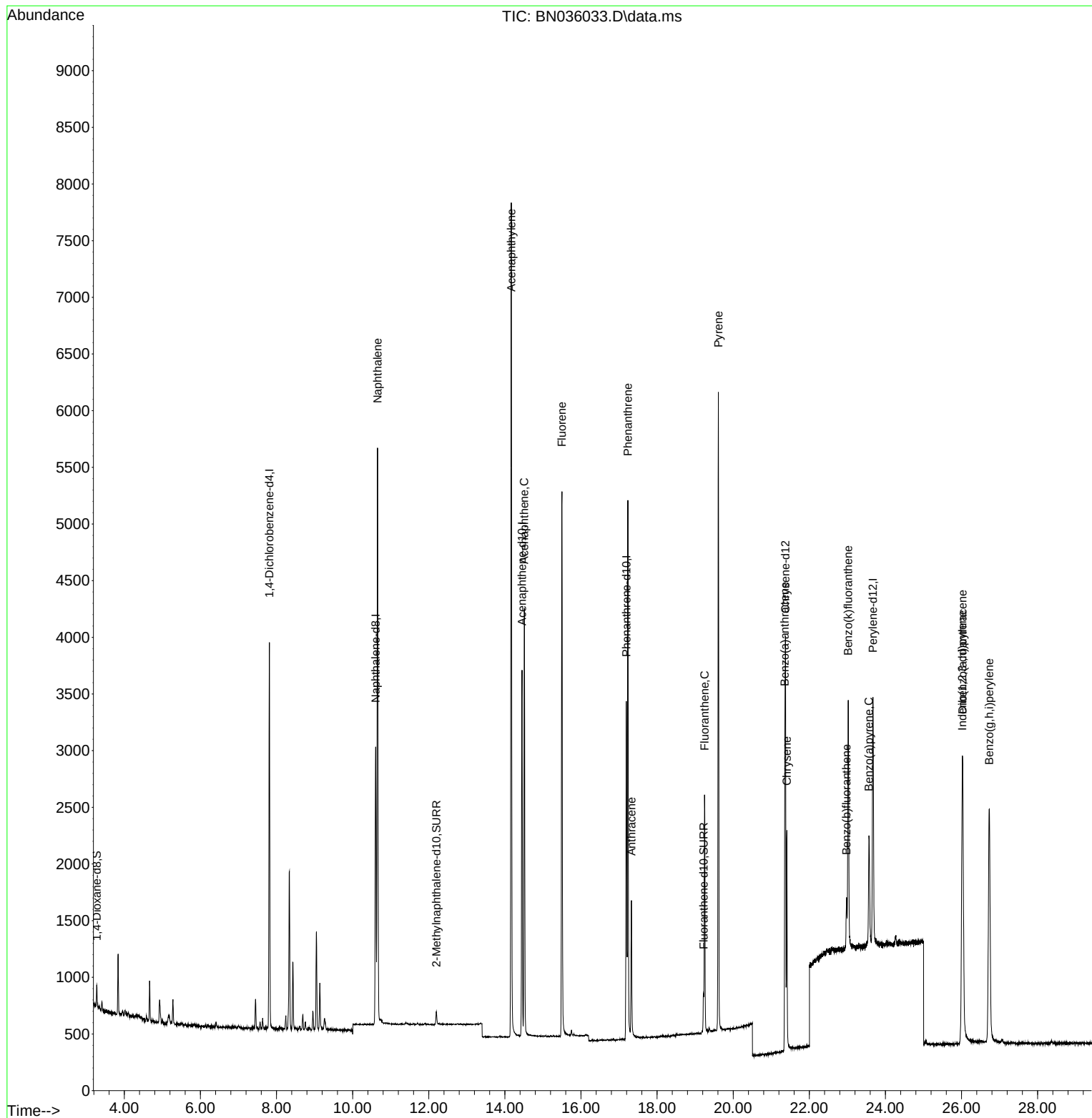
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
Data File : BN036033.D
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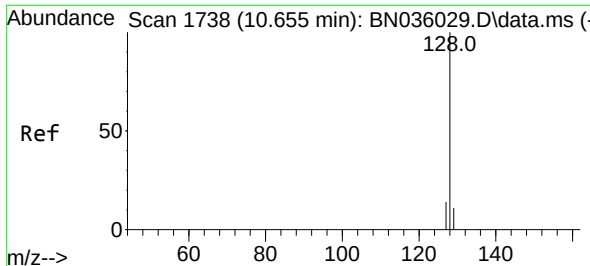
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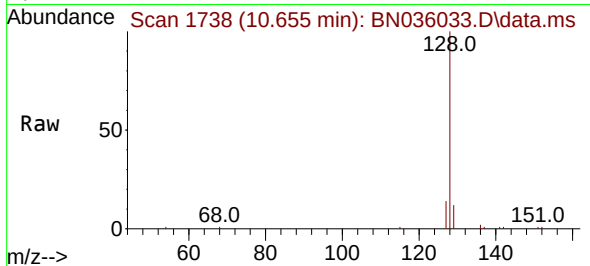
Quant Time: Jan 27 13:21:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
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#5
Naphthalene
Concen: 0.746 ng/ul
RT: 10.655 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN036033.D
Acq: 27 Jan 2025 12:55

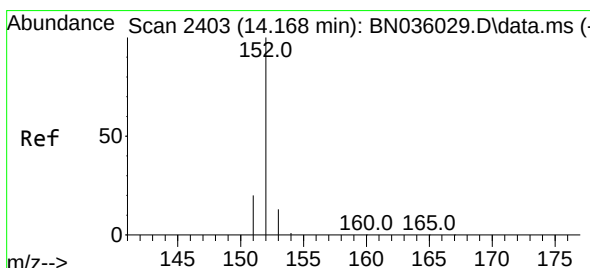
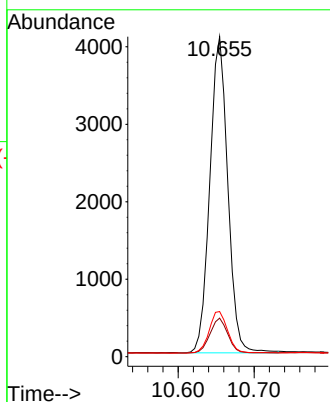
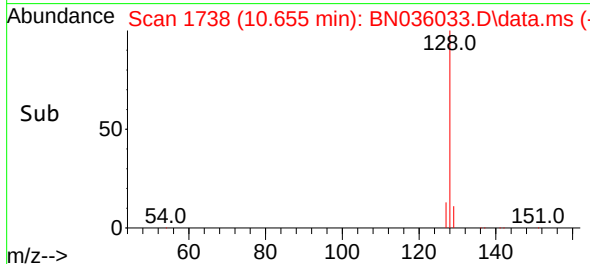
Instrument :
BNA_N
ClientSampleId :
XA177DL2



Tgt Ion:128 Resp: 668
Ion Ratio Lower Upper
128 100
129 12.1 9.6 14.4
127 14.1 12.0 18.0

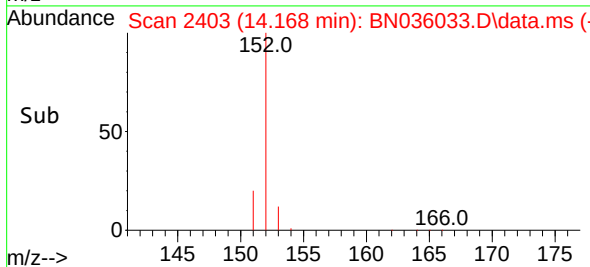
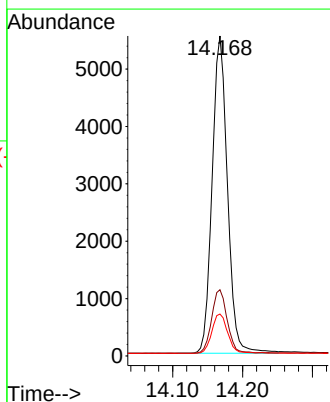
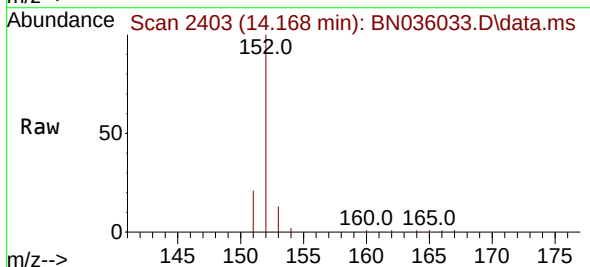
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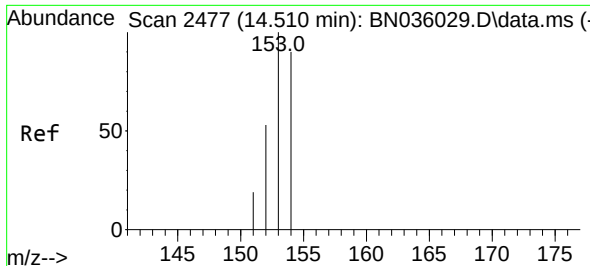
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#10
Acenaphthylene
Concen: 1.023 ng/ul
RT: 14.168 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BN036033.D
Acq: 27 Jan 2025 12:55

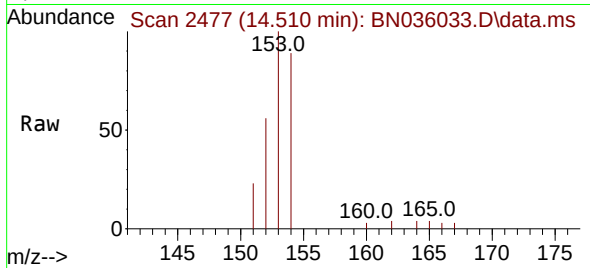
Tgt Ion:152 Resp: 8437
Ion Ratio Lower Upper
152 100
151 20.7 17.4 26.2
153 13.1 11.9 17.9





#11
Acenaphthene
Concen: 0.355 ng/ul
RT: 14.510 min Scan# 2477
Delta R.T. -0.005 min
Lab File: BN036033.D
Acq: 27 Jan 2025 12:55

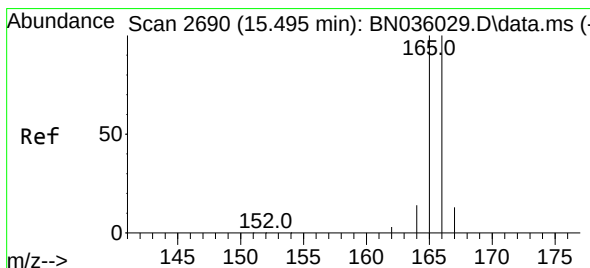
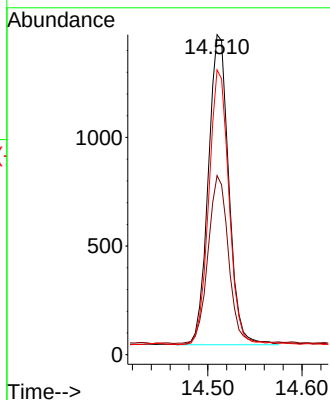
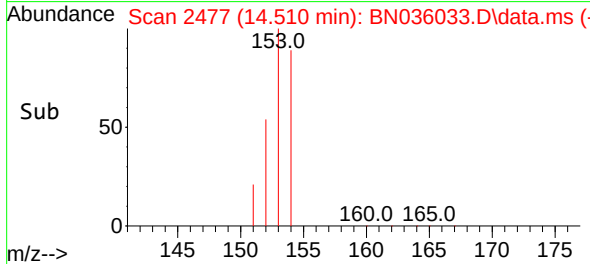
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Tgt Ion:153 Resp: 215
Ion Ratio Lower Upper
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152 55.9 43.2 64.8
154 89.0 70.5 105.7

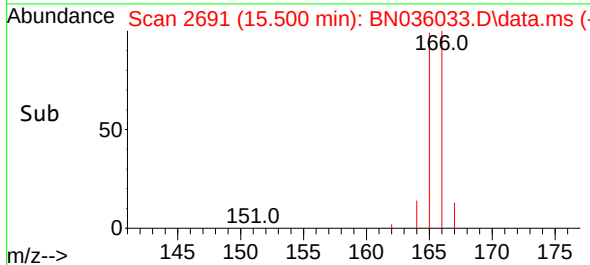
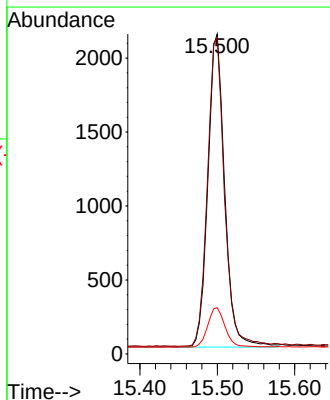
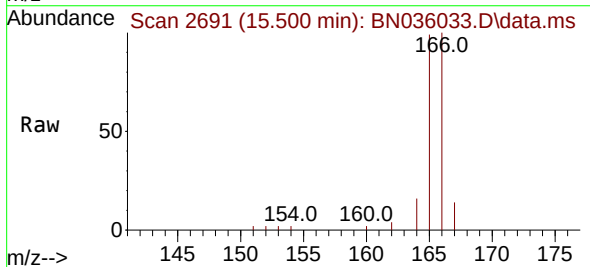
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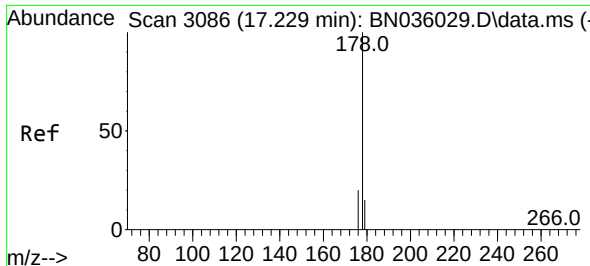
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#12
Fluorene
Concen: 0.477 ng/ul
RT: 15.500 min Scan# 2691
Delta R.T. -0.000 min
Lab File: BN036033.D
Acq: 27 Jan 2025 12:55

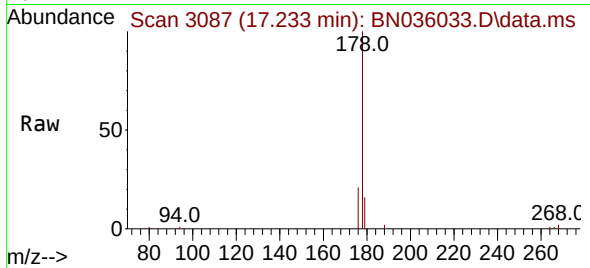
Tgt Ion:166 Resp: 3194
Ion Ratio Lower Upper
166 100
165 98.8 80.3 120.5
167 14.5 12.3 18.5





#15
Phenanthrene
Concen: 0.466 ng/ul
RT: 17.233 min Scan# 3086
Delta R.T. -0.000 min
Lab File: BN036033.D
Acq: 27 Jan 2025 12:55

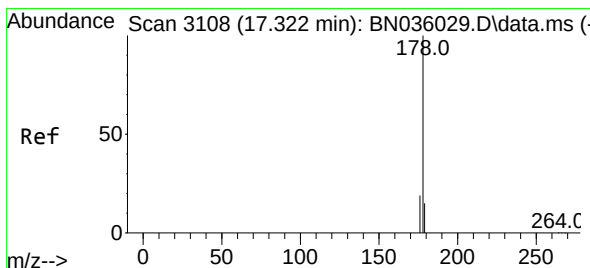
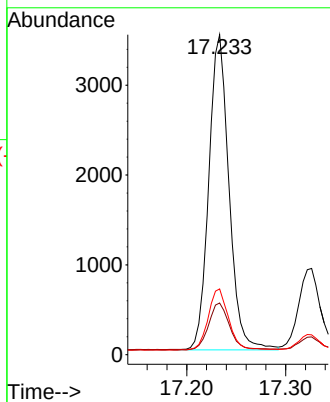
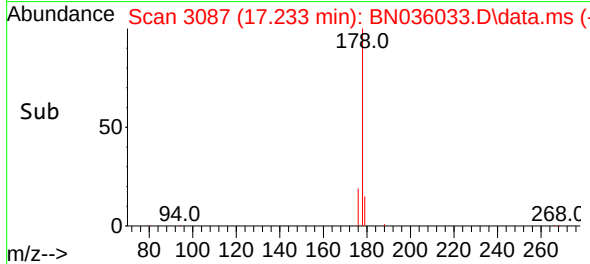
Instrument :
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ClientSampleId :
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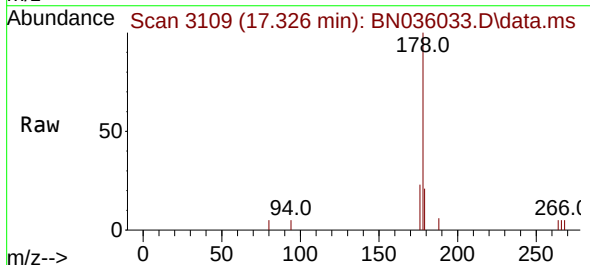
Tgt Ion:178 Resp: 4979
Ion Ratio Lower Upper
178 100
179 16.2 13.2 19.8
176 20.5 16.8 25.2

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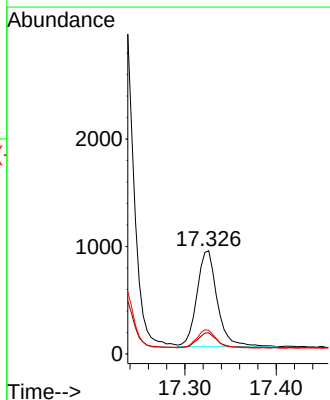
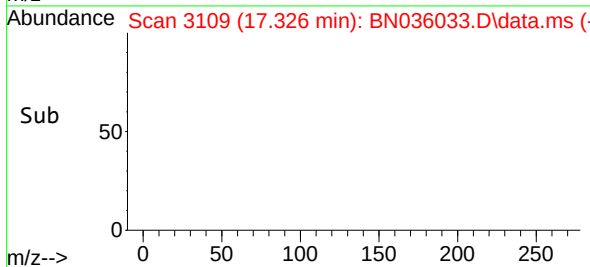
Reviewed By :Jagrut Upadhyay 01/28/2025
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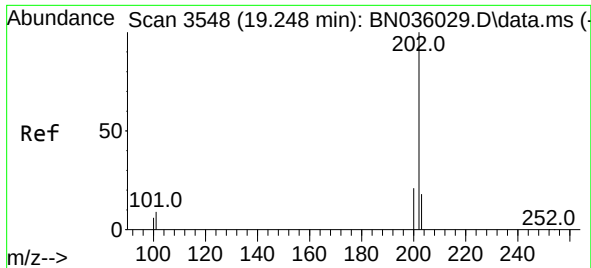


#16
Anthracene
Concen: 0.140 ng/ul
RT: 17.326 min Scan# 3109
Delta R.T. 0.004 min
Lab File: BN036033.D
Acq: 27 Jan 2025 12:55



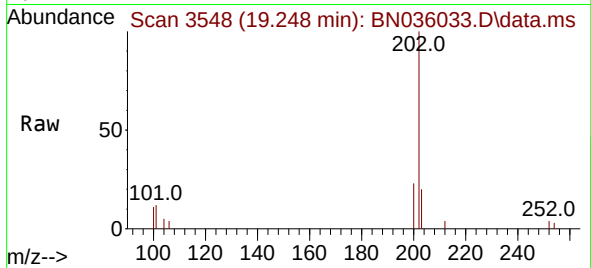
Tgt Ion:178 Resp: 1388
Ion Ratio Lower Upper
178 100
179 20.6 13.0 19.4#
176 23.0 15.9 23.9





#19
Fluoranthene
Concen: 0.171 ng/u1
RT: 19.248 min Scan# 3548
Delta R.T. 0.000 min
Lab File: BN036033.D
Acq: 27 Jan 2025 12:55

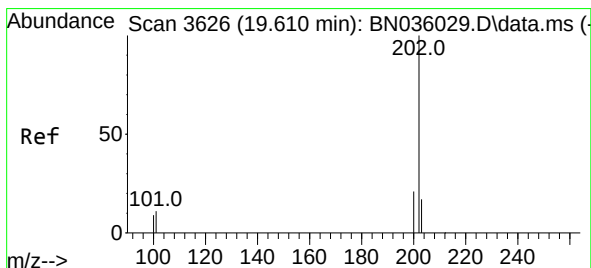
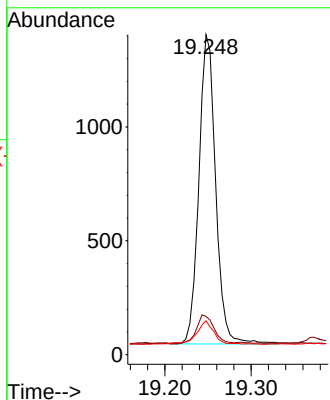
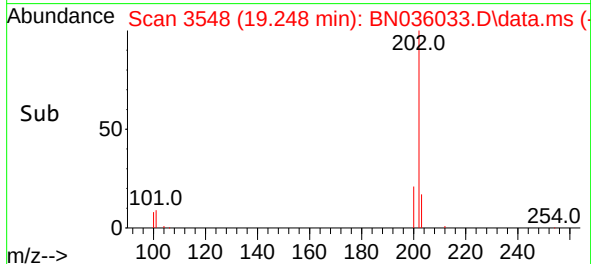
Instrument :
BNA_N
ClientSampleId :
XA177DL2



Tgt Ion:202 Resp: 1830
Ion Ratio Lower Upper
202 100
101 12.0 8.4 12.6
100 10.6 6.5 9.7

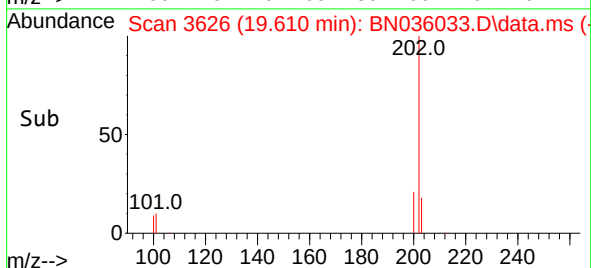
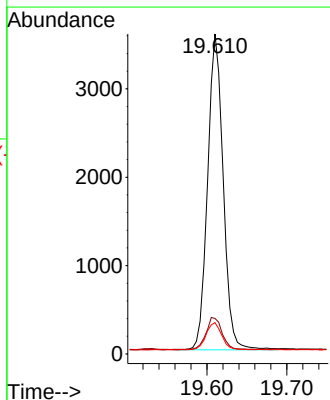
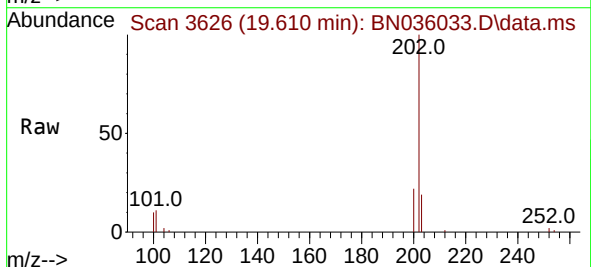
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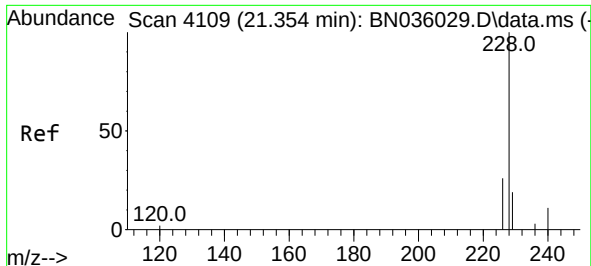
Reviewed By :Jagrut Upadhyay 01/28/2025
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#20
Pyrene
Concen: 0.433 ng/u1
RT: 19.610 min Scan# 3626
Delta R.T. 0.000 min
Lab File: BN036033.D
Acq: 27 Jan 2025 12:55

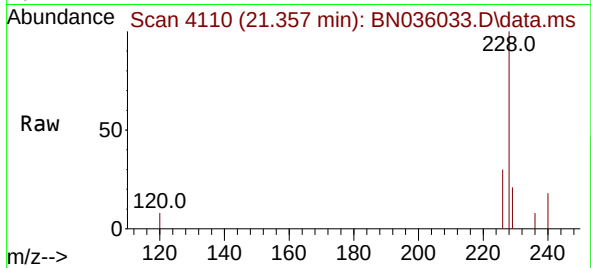
Tgt Ion:202 Resp: 4843
Ion Ratio Lower Upper
202 100
101 11.1 9.3 13.9
100 9.8 7.5 11.3





#21
Benzo(a)anthracene
Concen: 0.209 ng/ul
RT: 21.357 min Scan# 4110
Delta R.T. 0.003 min
Lab File: BN036033.D
Acq: 27 Jan 2025 12:55

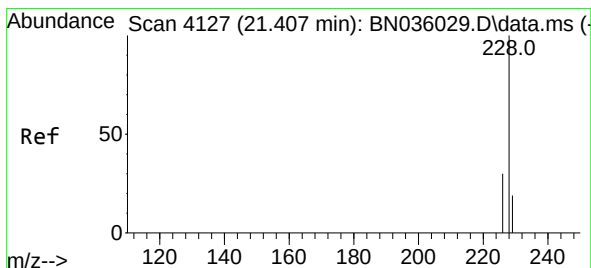
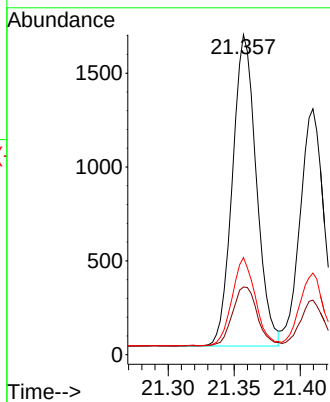
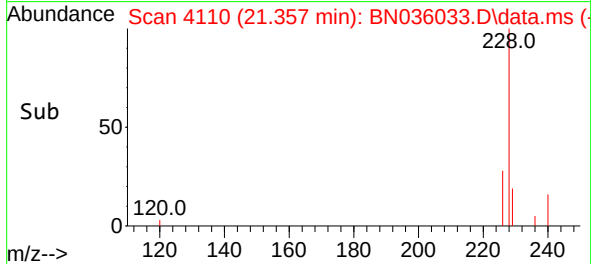
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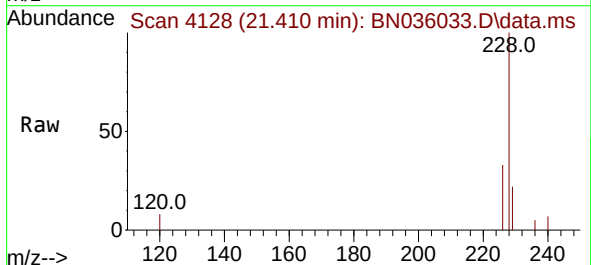
Tgt Ion:228 Resp: 209
Ion Ratio Lower Upper
228 100
229 21.2 15.9 23.9
226 30.4 22.8 34.2

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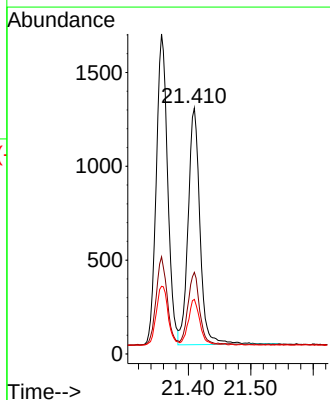
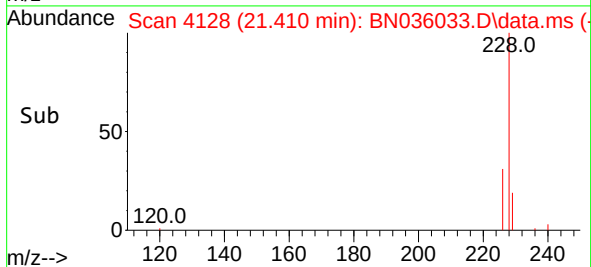
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Supervised By :mohammad ahmed 01/31/2025

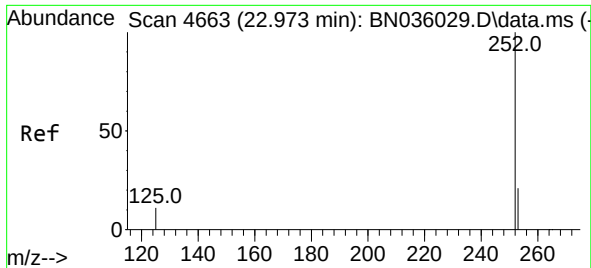


#22
Chrysene
Concen: 0.161 ng/ul
RT: 21.410 min Scan# 4128
Delta R.T. 0.003 min
Lab File: BN036033.D
Acq: 27 Jan 2025 12:55



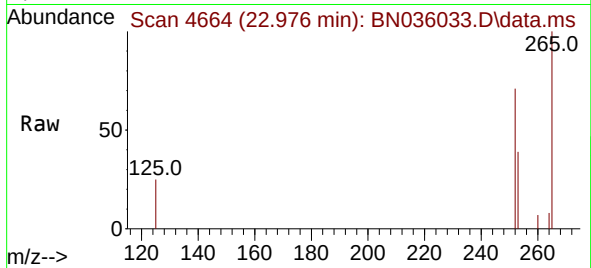
Tgt Ion:228 Resp: 1658
Ion Ratio Lower Upper
228 100
226 33.2 24.4 36.6
229 22.2 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.058 ng/ul m
RT: 22.976 min Scan# 4664
Delta R.T. 0.003 min
Lab File: BN036033.D
Acq: 27 Jan 2025 12:55

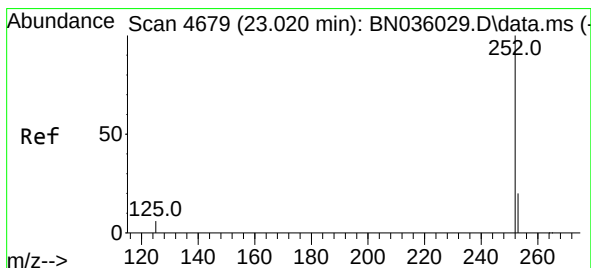
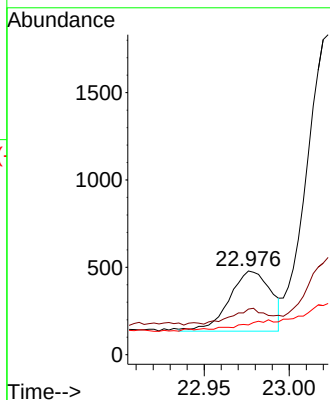
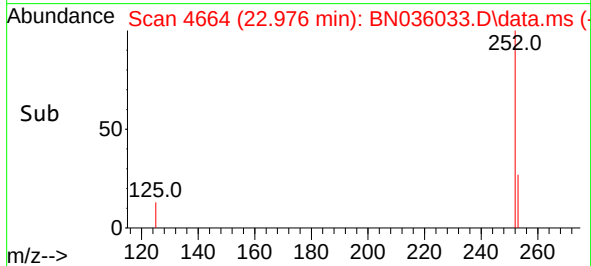
Instrument :
BNA_N
ClientSampleId :
XA177DL2



Tgt Ion:252 Resp: 580
Ion Ratio Lower Upper
252 100
253 54.5 0.0 51.2
125 35.5 0.0 27.8

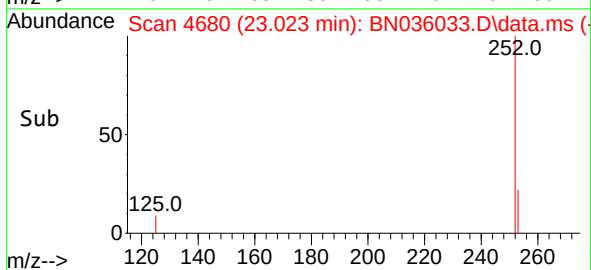
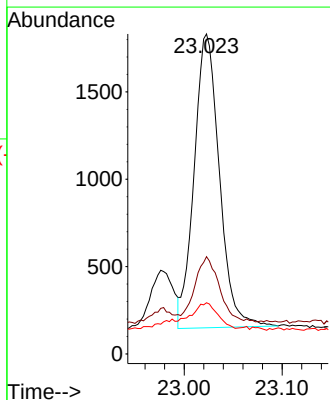
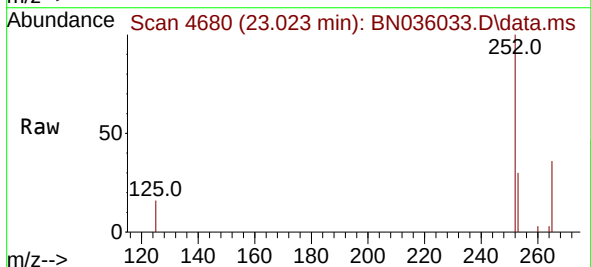
Manual Integrations
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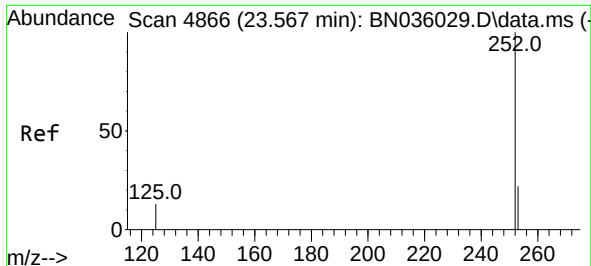
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#25
Benzo(k)fluoranthene
Concen: 0.283 ng/ul
RT: 23.023 min Scan# 4680
Delta R.T. 0.003 min
Lab File: BN036033.D
Acq: 27 Jan 2025 12:55

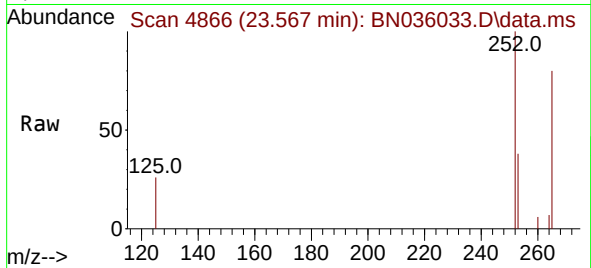
Tgt Ion:252 Resp: 3010
Ion Ratio Lower Upper
252 100
253 30.4 20.2 30.4#
125 16.0 10.6 16.0#





#26
Benzo(a)pyrene
Concen: 0.162 ng/ul
RT: 23.567 min Scan# 4866
Delta R.T. 0.003 min
Lab File: BN036033.D
Acq: 27 Jan 2025 12:55

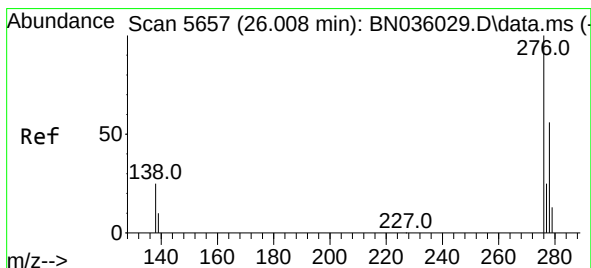
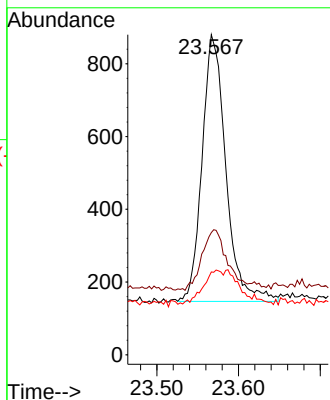
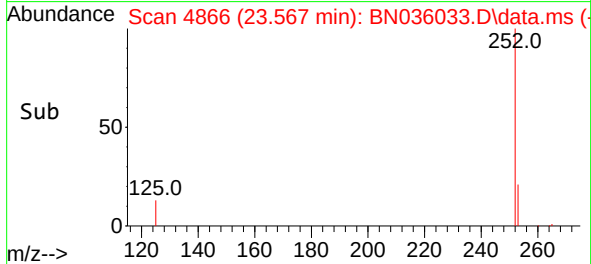
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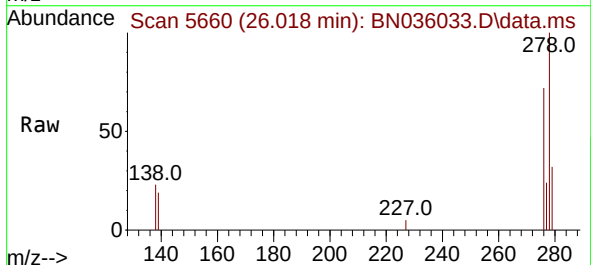
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Ion Ratio Lower Upper
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125 25.9 13.1 19.7

Manual Integrations
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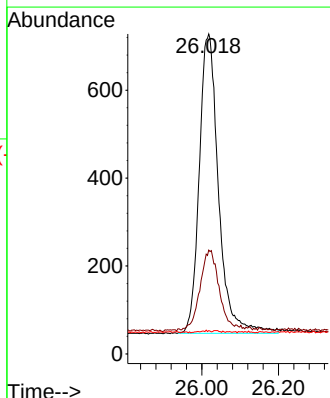
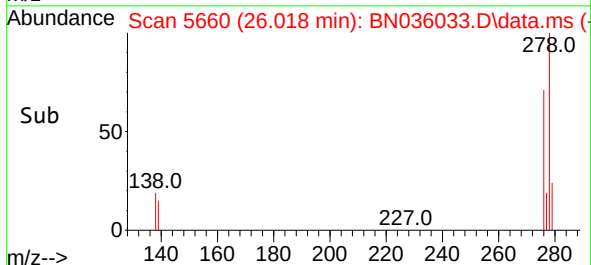
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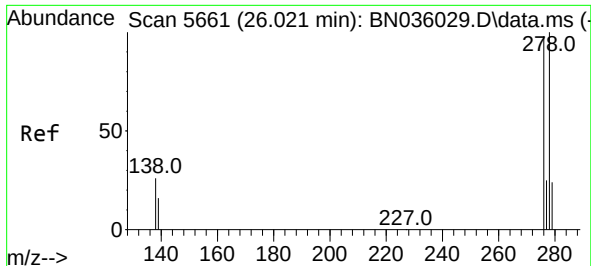


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.197 ng/ul
RT: 26.018 min Scan# 5660
Delta R.T. 0.014 min
Lab File: BN036033.D
Acq: 27 Jan 2025 12:55



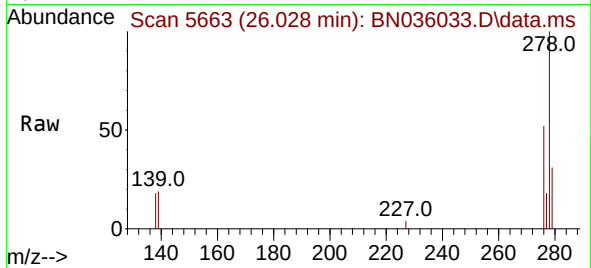
Tgt Ion:276 Resp: 2383
Ion Ratio Lower Upper
276 100
138 26.1 20.2 30.4
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.393 ng/ul
RT: 26.028 min Scan# 5663
Delta R.T. 0.007 min
Lab File: BN036033.D
Acq: 27 Jan 2025 12:55

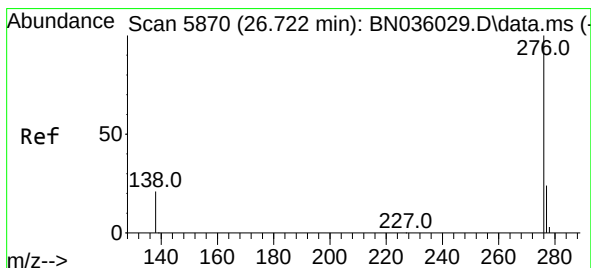
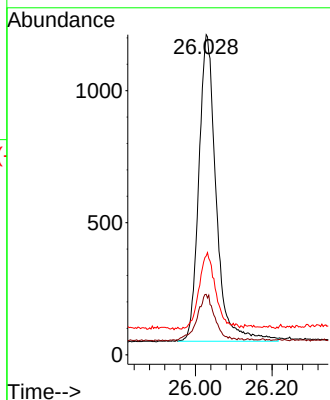
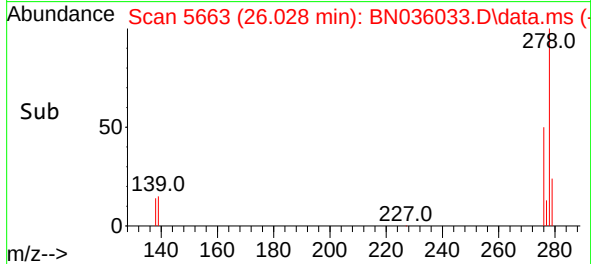
Instrument :
BNA_N
ClientSampleId :
XA177DL2



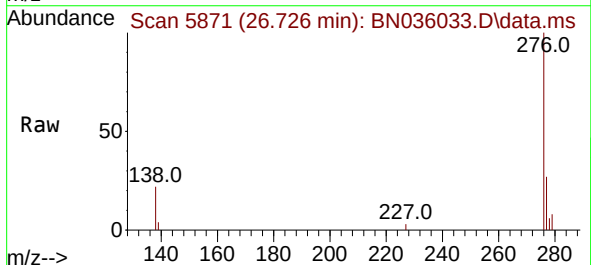
Tgt Ion:278 Resp: 3658
Ion Ratio Lower Upper
278 100
139 18.9 15.4 23.2
279 30.9 22.2 33.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#29
Benzo(g,h,i)perylene
Concen: 0.495 ng/ul
RT: 26.726 min Scan# 5871
Delta R.T. 0.007 min
Lab File: BN036033.D
Acq: 27 Jan 2025 12:55



Tgt Ion:276 Resp: 4648
Ion Ratio Lower Upper
276 100
138 21.9 19.4 29.0
277 26.6 21.1 31.7

