Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036073.D
Acq On : 28 Jan 2025 14:52
Operator : RC/JU
Sample : Q1174-23DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 28 15:15:32 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

Instrument :
BNA_N
ClientSampleId :
E2954DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :mohammad ahmed 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	3014	0.400	ng/ul	0.00
4) Naphthalene-d8	10.605	136	7235	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.450	164	5067	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	9934	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.381	240	10083	0.400	ng/ul	# 0.00
23) Perylene-d12	23.681	264	10031	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.272	96	1266	0.384	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.194	152	725	0.079	ng/ul	0.00
18) Fluoranthene-d10	19.225	212	1709	0.062	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	285	0.081	ng/ul#	52
5) Naphthalene	10.655	128	12371	0.621	ng/ul	100
7) 2-Methylnaphthalene	12.271	142	5628	0.455	ng/ul	100
8) 1-Methylnaphthalene	12.491	142	8555	0.681	ng/ul	100
10) Acenaphthylene	14.168	152	675	0.028	ng/ul#	58
11) Acenaphthene	14.510	153	1721	0.098	ng/ul	100
12) Fluorene	15.500	166	1474m	0.076	ng/ul	
15) Phenanthrene	17.234	178	1516	0.052	ng/ul#	59
19) Fluoranthene	19.253	202	1132	0.030	ng/ul#	58

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

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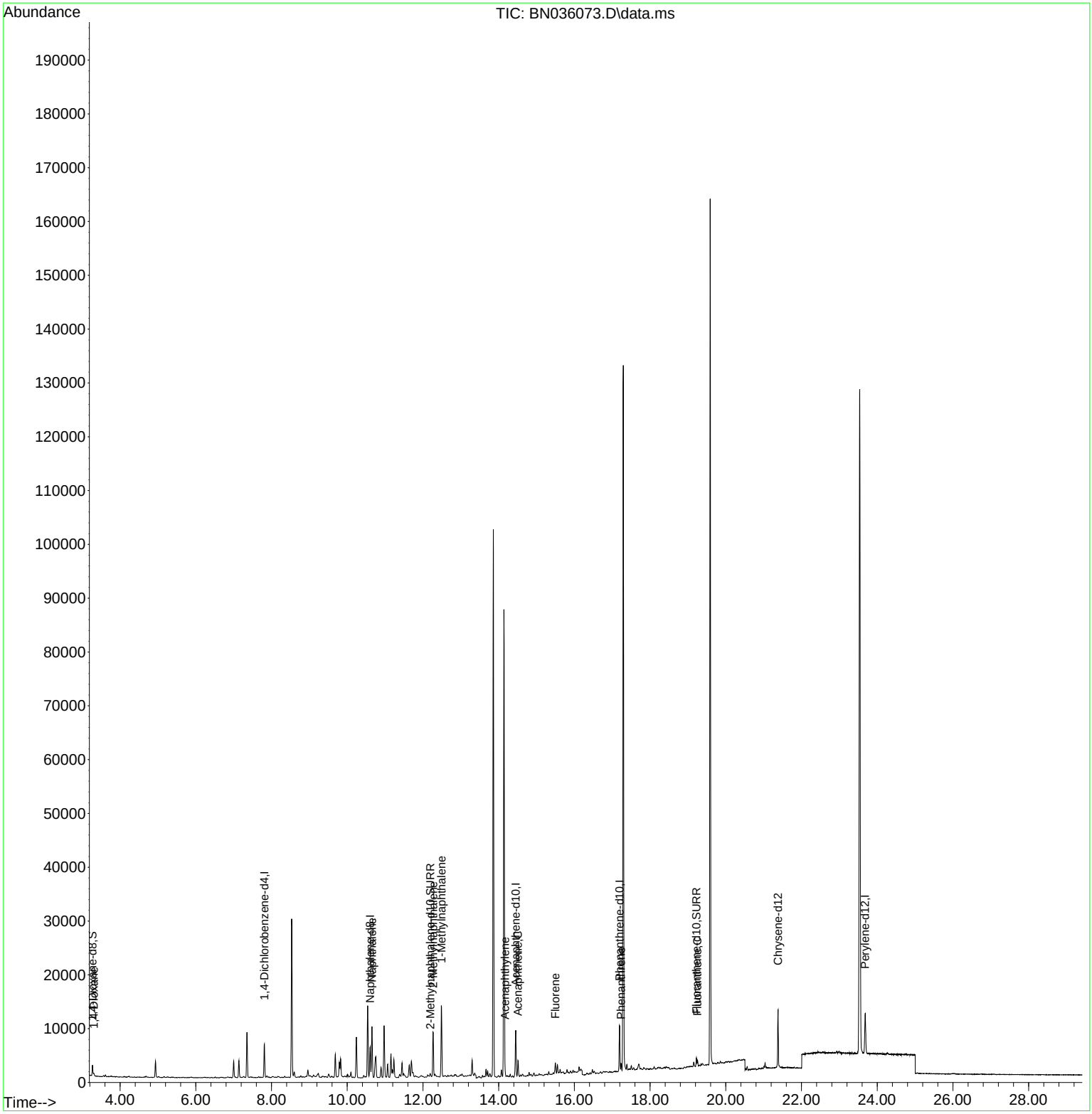

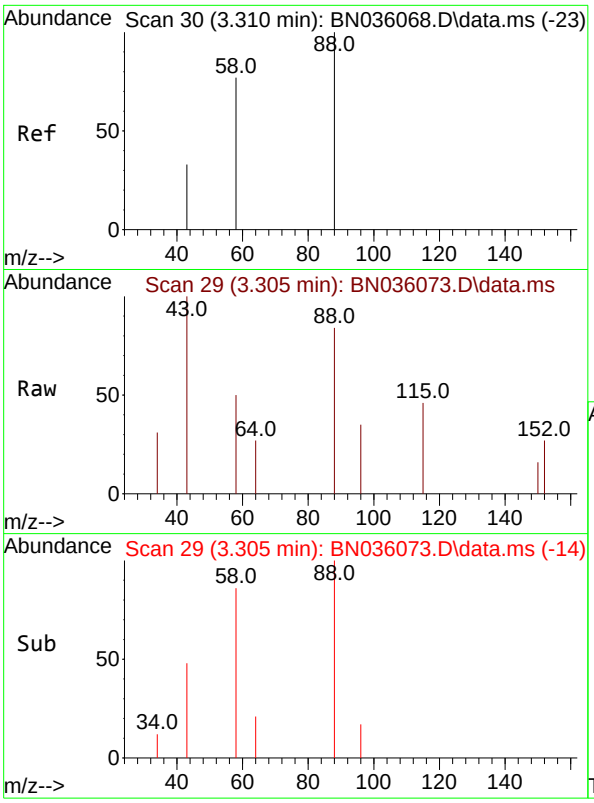

#2
1,4-Dioxane
Concen: 0.081 ng/ul
RT: 3.305 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN036073.D
Acq: 28 Jan 2025 14:52

Tgt Ion: 88 Resp: 28

Ion	Ratio	Lower	Upper
88	100		
43	119.1	40.7	61.1
58	60.1	55.2	82.8

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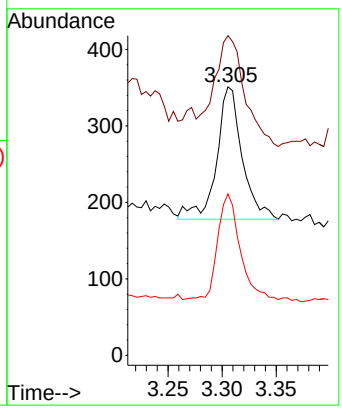
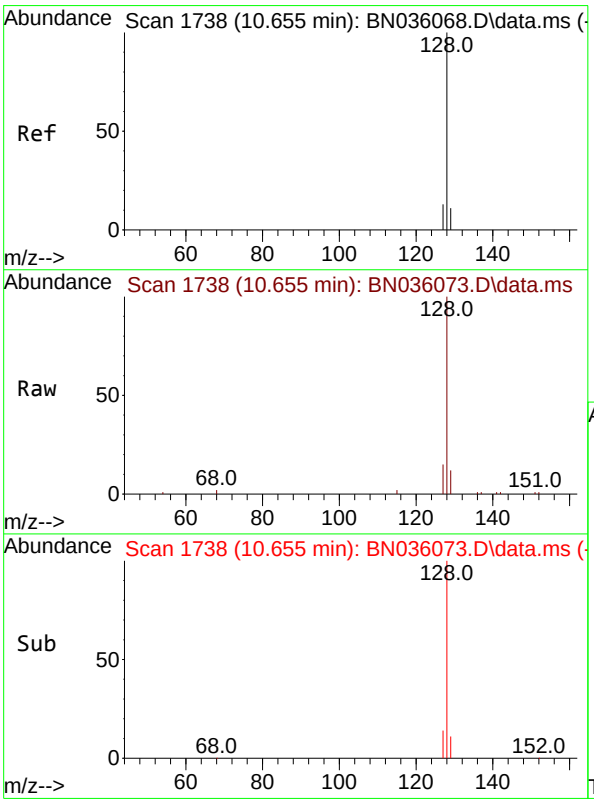
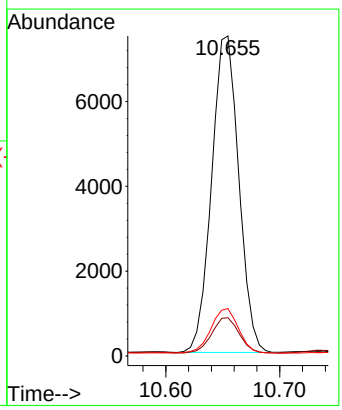


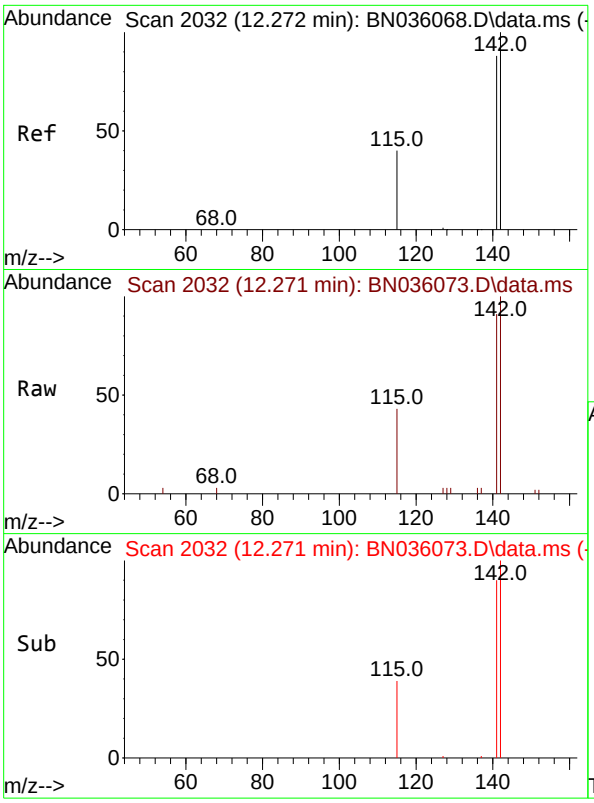


#5
Naphthalene
Concen: 0.621 ng/ul
RT: 10.655 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN036073.D
Acq: 28 Jan 2025 14:52

Tgt Ion:128 Resp: 12371

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.6	14.4
127	14.8	12.0	18.0

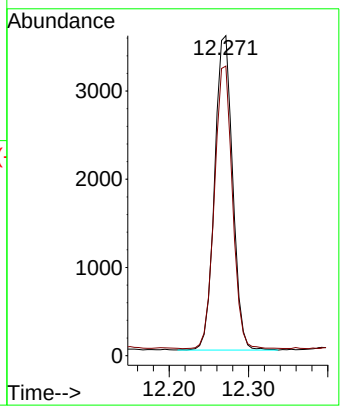




#7
2-Methylnaphthalene
Concen: 0.455 ng/ul
RT: 12.271 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036073.D
Acq: 28 Jan 2025 14:52

Tgt Ion:142 Resp: 562

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.9	107.9



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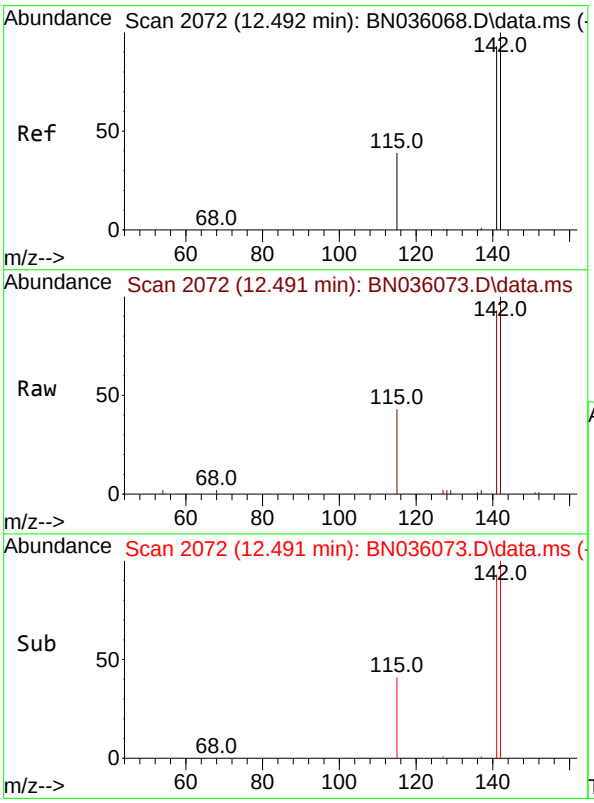
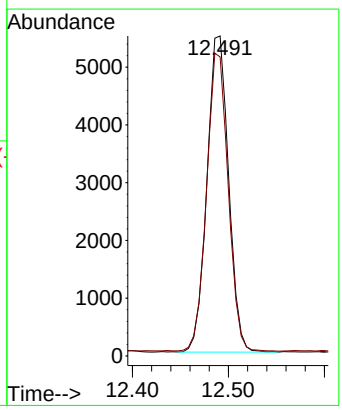
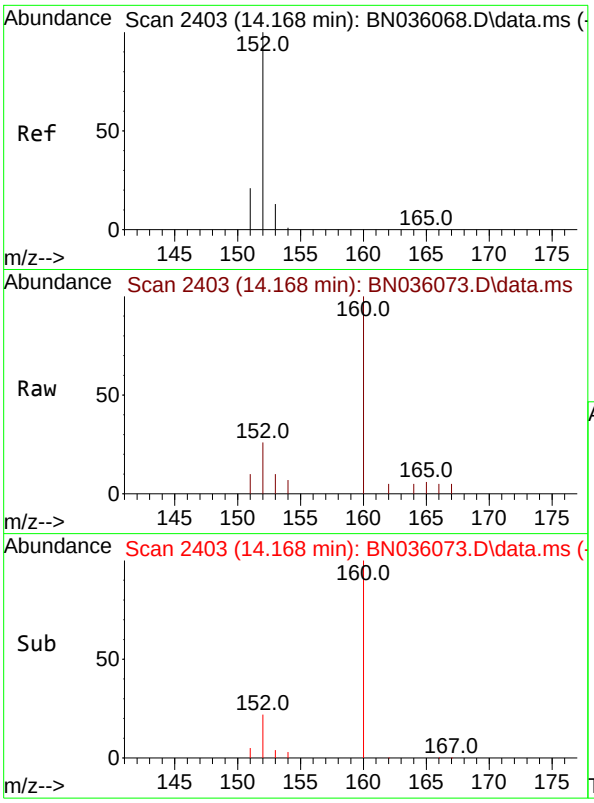


#8
1-Methylnaphthalene
Concen: 0.681 ng/ul
RT: 12.491 min Scan# 2072
Delta R.T. -0.000 min
Lab File: BN036073.D
Acq: 28 Jan 2025 14:52

Tgt Ion:142 Resp: 8555

Ion	Ratio	Lower	Upper
142	100		
141	94.2	75.2	112.8





#10
Acenaphthylene
Concen: 0.028 ng/ul
RT: 14.168 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN036073.D
Acq: 28 Jan 2025 14:52

Tgt Ion:152 Resp: 67

Ion	Ratio	Lower	Upper
152	100		
151	37.4	17.4	26.2#
153	37.7	11.9	17.9#

Instrument :
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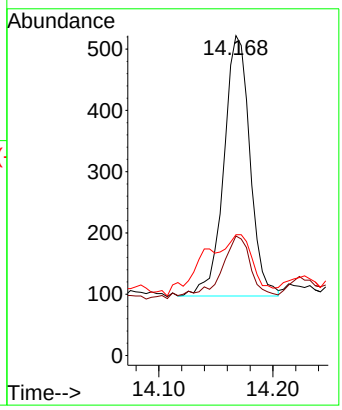
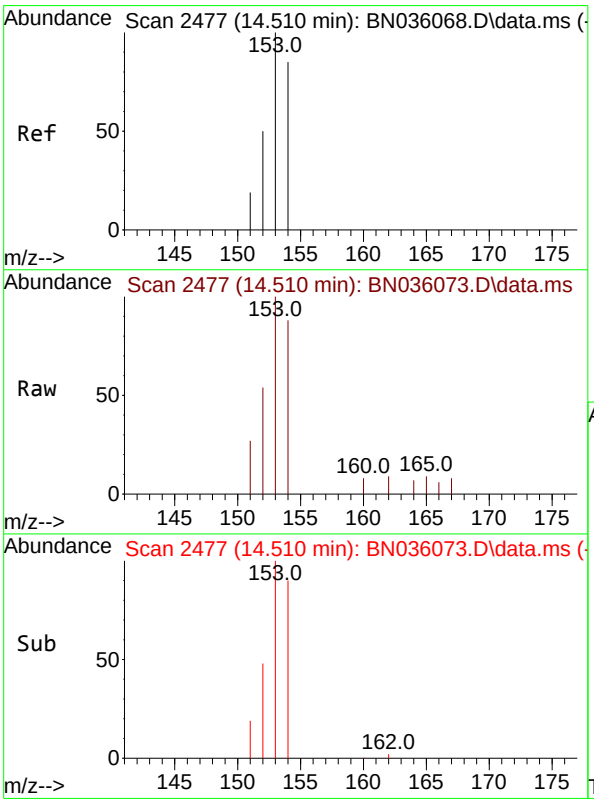
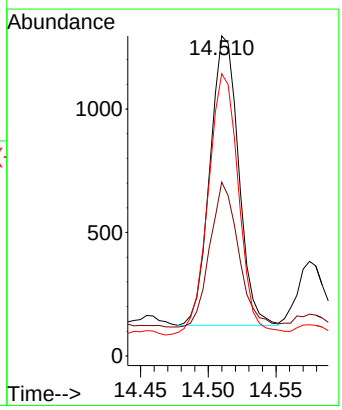


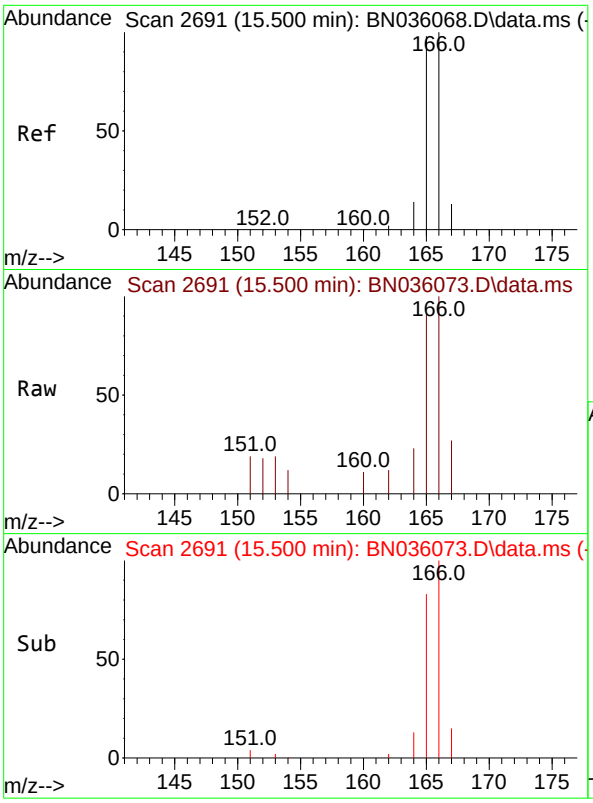


#11
Acenaphthene
Concen: 0.098 ng/ul
RT: 14.510 min Scan# 2477
Delta R.T. -0.005 min
Lab File: BN036073.D
Acq: 28 Jan 2025 14:52

Tgt Ion:153 Resp: 1721

Ion	Ratio	Lower	Upper
153	100		
152	54.3	43.2	64.8
154	88.2	70.5	105.7

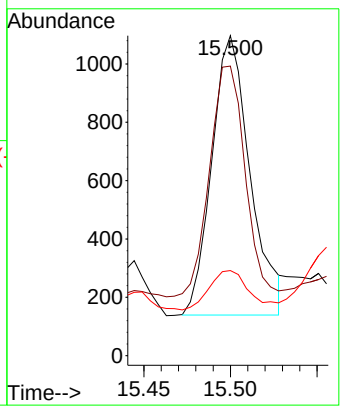




#12
Fluorene
Concen: 0.076 ng/ul m
RT: 15.500 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036073.D
Acq: 28 Jan 2025 14:52

Tgt Ion:166 Resp: 147

Ion	Ratio	Lower	Upper
166	100		
165	90.5	80.3	120.5
167	26.6	12.3	18.5#



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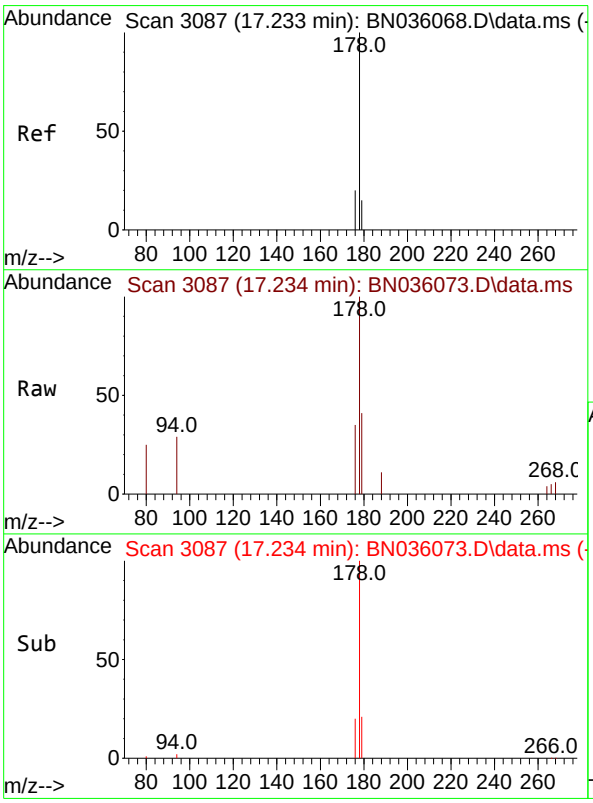
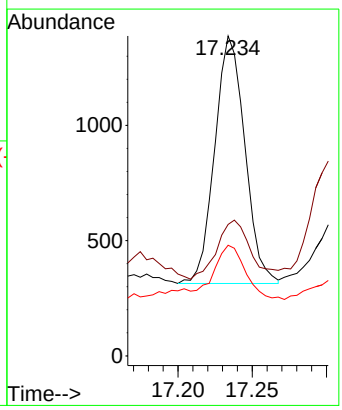
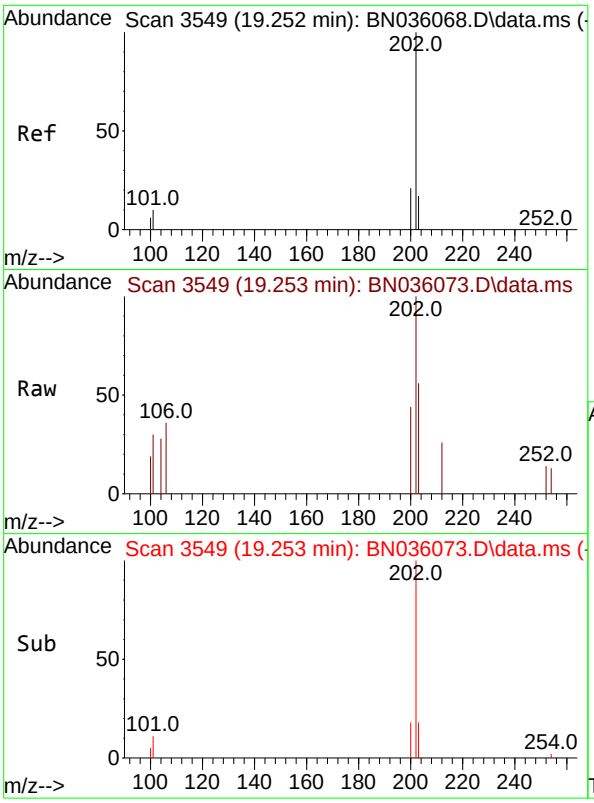


#15
Phenanthrene
Concen: 0.052 ng/ul
RT: 17.234 min Scan# 3087
Delta R.T. 0.000 min
Lab File: BN036073.D
Acq: 28 Jan 2025 14:52

Tgt Ion:178 Resp: 1516

Ion	Ratio	Lower	Upper
178	100		
179	41.1	13.2	19.8#
176	34.6	16.8	25.2#

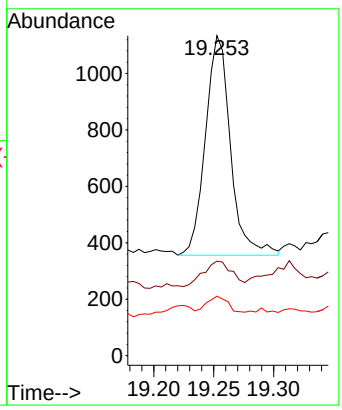




#19
Fluoranthene
Concen: 0.030 ng/ul
RT: 19.253 min Scan# 3
Delta R.T. 0.005 min
Lab File: BN036073.D
Acq: 28 Jan 2025 14:52

Tgt Ion:202 Resp: 113

Ion	Ratio	Lower	Upper
202	100		
101	29.5	8.4	12.6#
100	18.6	6.5	9.7#



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