Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
Data File : BN036059.D
Acq On : 28 Jan 2025 05:13
Operator : RC/JU
Sample : Q1174-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 28 05:52:44 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 :
E2931

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	2403	0.400	ng/ul	0.00
4) Naphthalene-d8	10.604	136	5468m	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.450	164	6182m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	8252m	0.400	ng/ul	0.00
17) Chrysene-d12	21.380	240	10474m	0.400	ng/ul	0.00
23) Perylene-d12	23.687	264	7927	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	11273	4.285	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.199	152	1632m	0.236	ng/ul	0.00
18) Fluoranthene-d10	19.224	212	5222	0.181	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.653	128	9643m	0.640	ng/ul	
7) 2-Methylnaphthalene	12.270	142	9149m	0.978	ng/ul	
8) 1-Methylnaphthalene	12.490	142	18432m	1.941	ng/ul	
10) Acenaphthylene	14.172	152	1653	0.057	ng/ul#	1
11) Acenaphthene	14.514	153	7249	0.338	ng/ul#	81
12) Fluorene	15.495	166	2635m	0.111	ng/ul	
14) Pentachlorophenol	16.849	266	243m	0.084	ng/ul	
15) Phenanthrene	17.233	178	5860m	0.243	ng/ul	
16) Anthracene	17.326	178	3846m	0.171	ng/ul	
19) Fluoranthene	19.252	202	1990	0.050	ng/ul#	2

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

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Sample : Q1174-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jan 28 05:52:44 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

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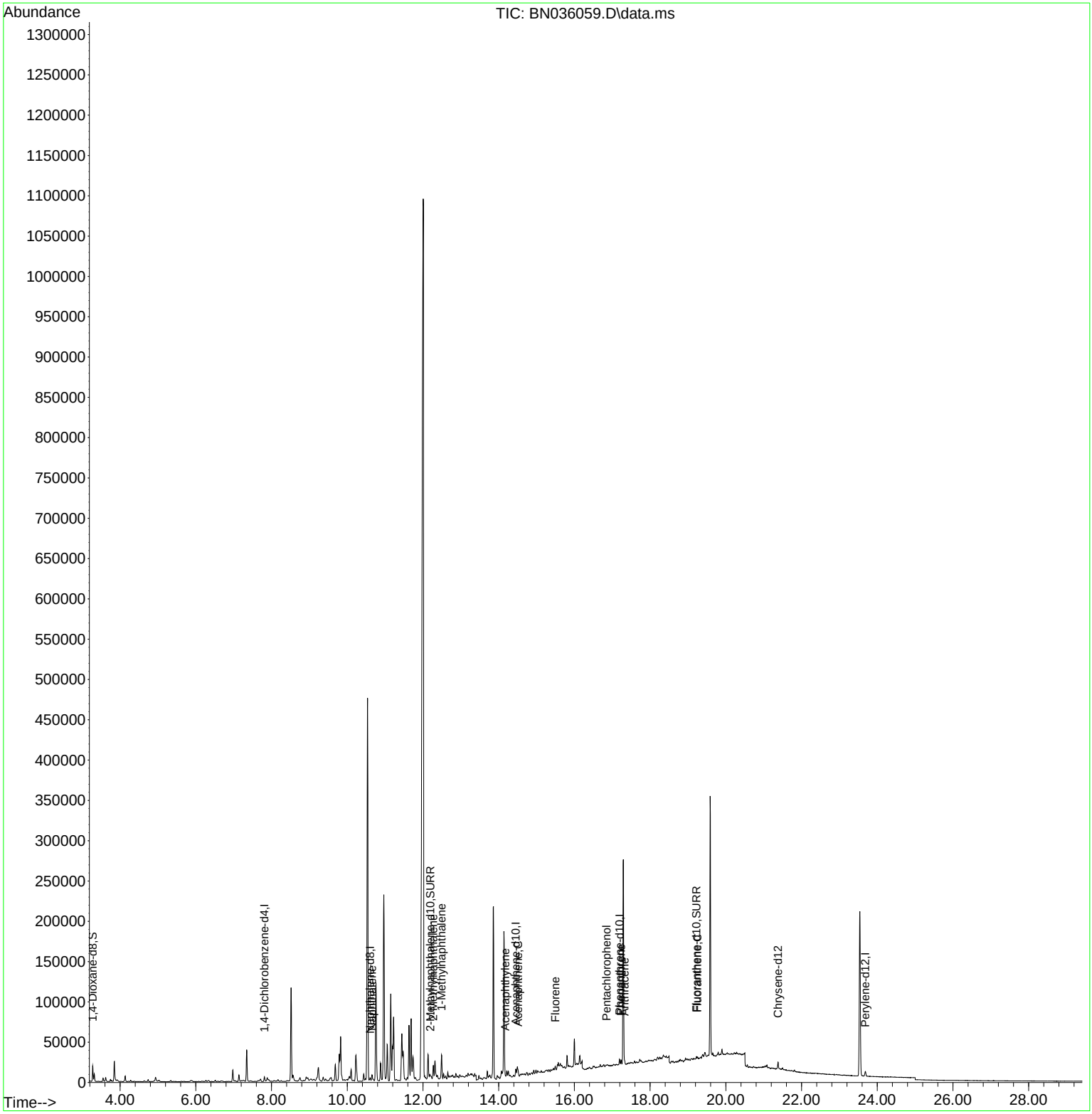
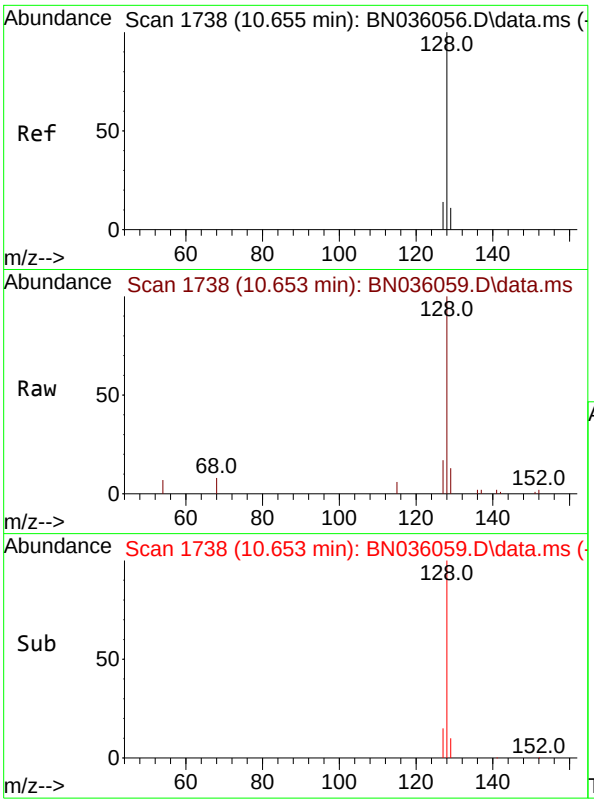
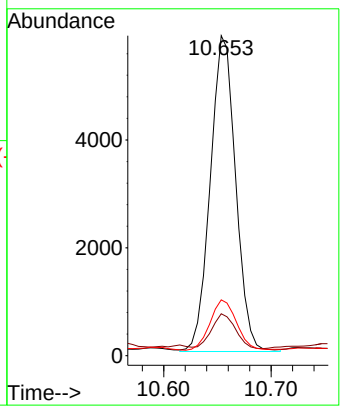




#5
Naphthalene
Concen: 0.640 ng/ul m
RT: 10.653 min Scan# 1
Delta R.T. -0.001 min
Lab File: BN036059.D
Acq: 28 Jan 2025 05:13

Tgt Ion:128 Resp: 964

Ion	Ratio	Lower	Upper
128	100		
129	13.1	9.6	14.4
127	17.5	12.0	18.0



Instrument :
BNA_N
ClientSampleId :
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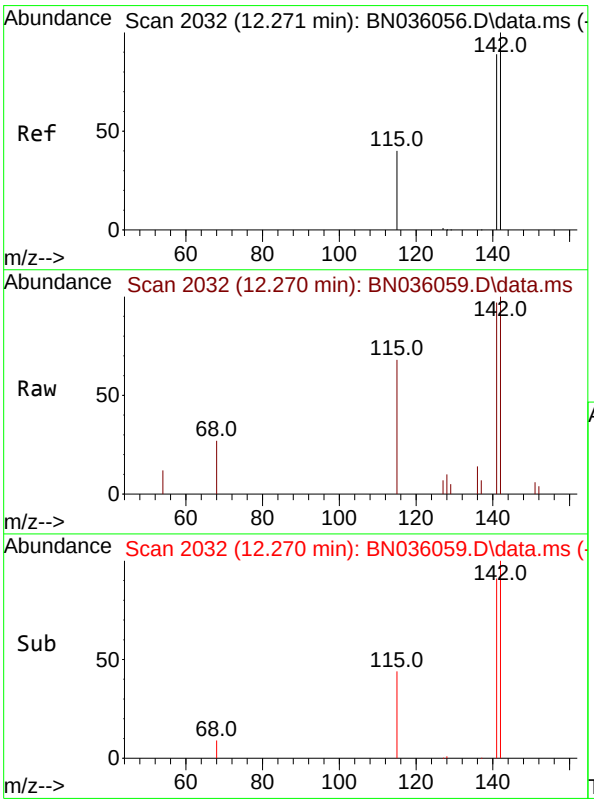
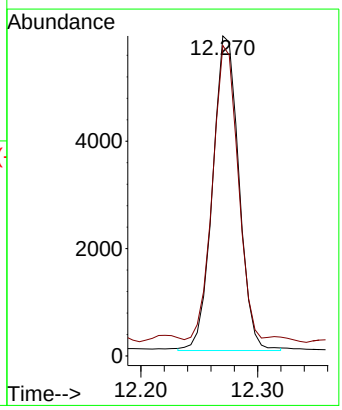
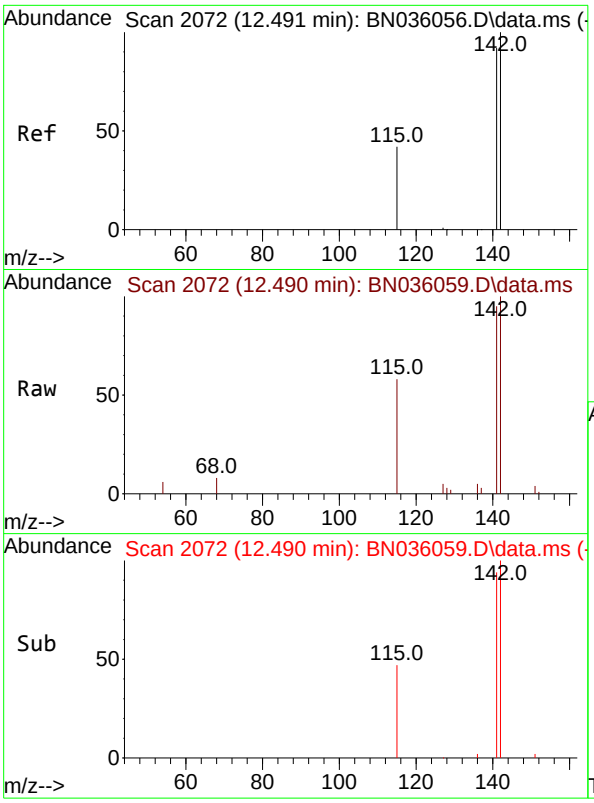


#7
2-Methylnaphthalene
Concen: 0.978 ng/ul m
RT: 12.270 min Scan# 2032
Delta R.T. -0.001 min
Lab File: BN036059.D
Acq: 28 Jan 2025 05:13

Tgt Ion:142 Resp: 9149

Ion	Ratio	Lower	Upper
142	100		
141	249.4	71.9	107.9#





#8
1-Methylnaphthalene
Concen: 1.941 ng/ul m
RT: 12.490 min Scan# 2(
Delta R.T. -0.001 min
Lab File: BN036059.D
Acq: 28 Jan 2025 05:13

Tgt Ion:142 Resp: 1843

Ion	Ratio	Lower	Upper
142	100		
141	0.0	75.2	112.8#

Instrument :
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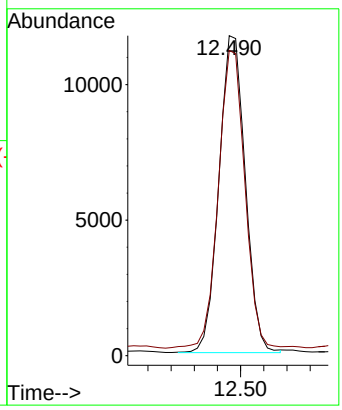
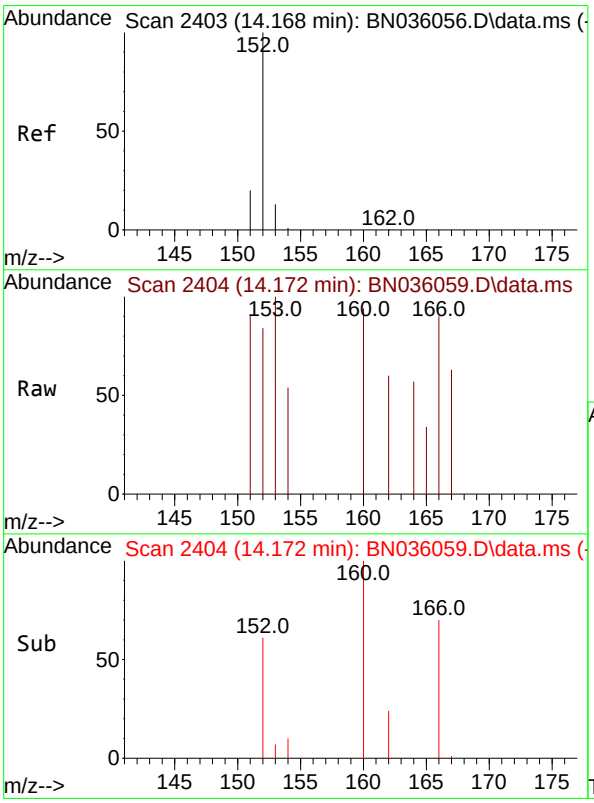
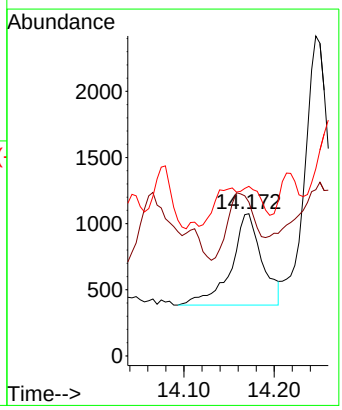


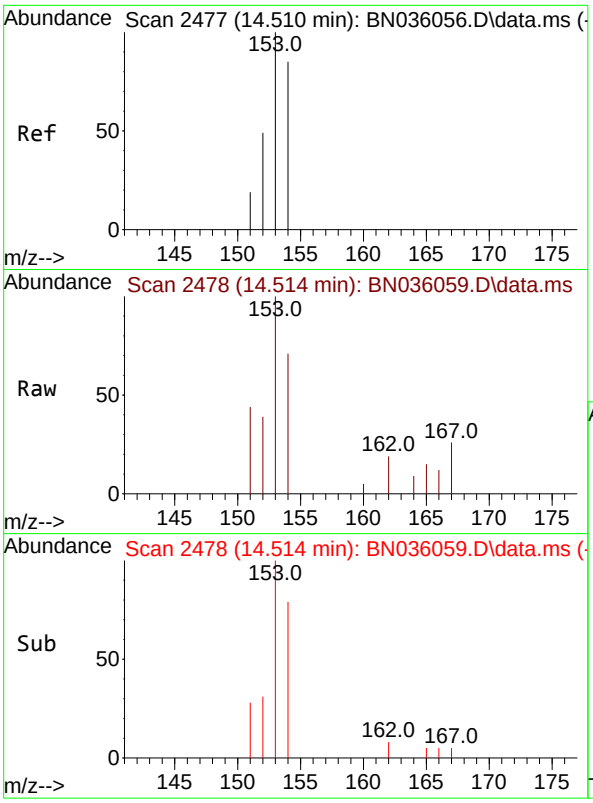


#10
Acenaphthylene
Concen: 0.057 ng/ul
RT: 14.172 min Scan# 2404
Delta R.T. 0.004 min
Lab File: BN036059.D
Acq: 28 Jan 2025 05:13

Tgt Ion:152 Resp: 1653

Ion	Ratio	Lower	Upper
152	100		
151	108.1	17.4	26.2#
153	119.3	11.9	17.9#

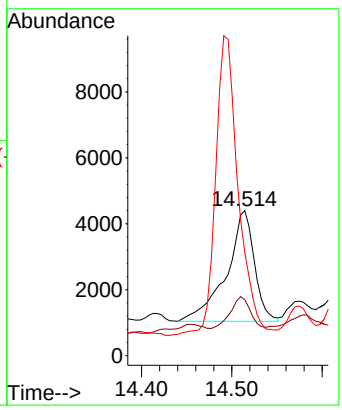




#11
Acenaphthene
Concen: 0.338 ng/ul
RT: 14.514 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN036059.D
Acq: 28 Jan 2025 05:13

Tgt Ion:153 Resp: 724

Ion	Ratio	Lower	Upper
153	100		
152	38.5	43.2	64.8#
154	71.3	70.5	105.7



Instrument :
BNA_N
ClientSampleId :
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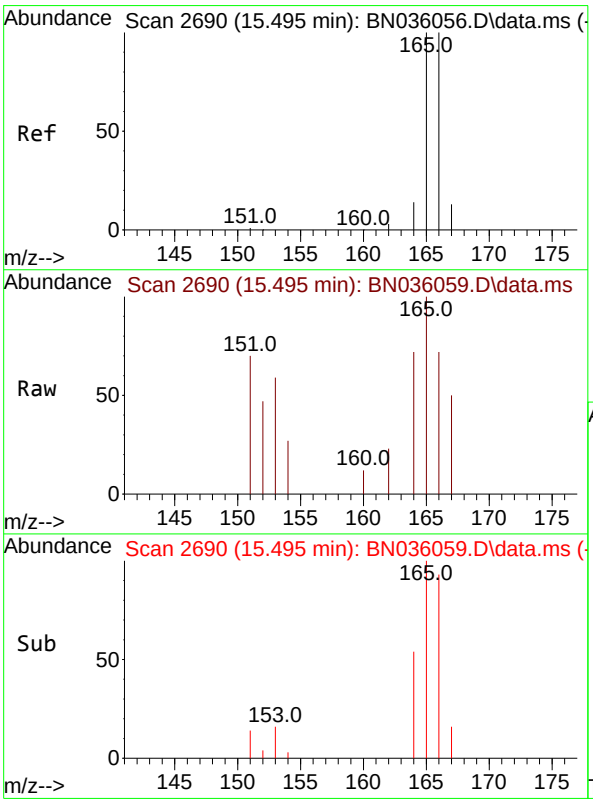
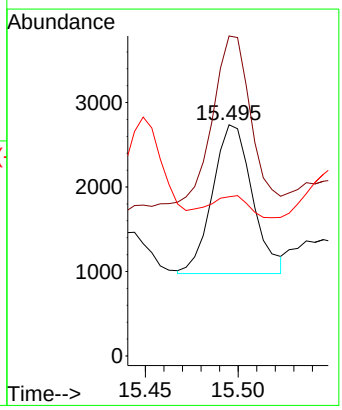
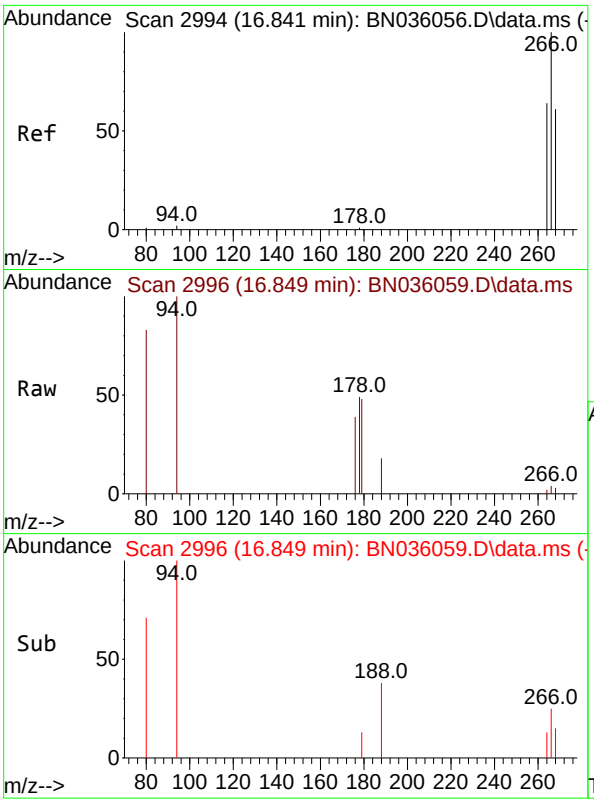


#12
Fluorene
Concen: 0.111 ng/ul m
RT: 15.495 min Scan# 2690
Delta R.T. -0.005 min
Lab File: BN036059.D
Acq: 28 Jan 2025 05:13

Tgt Ion:166 Resp: 2635

Ion	Ratio	Lower	Upper
166	100		
165	138.4	80.3	120.5#
167	68.9	12.3	18.5#





#14
Pentachlorophenol
Concen: 0.084 ng/ul m
RT: 16.849 min Scan# 2
Delta R.T. 0.008 min
Lab File: BN036059.D
Acq: 28 Jan 2025 05:13

Tgt Ion:266 Resp: 24

Ion	Ratio	Lower	Upper
266	100		
264	56.0	50.6	75.8
268	53.9	50.6	75.8

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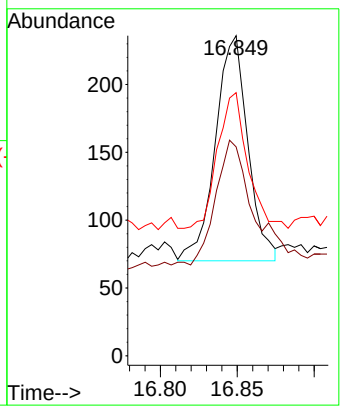
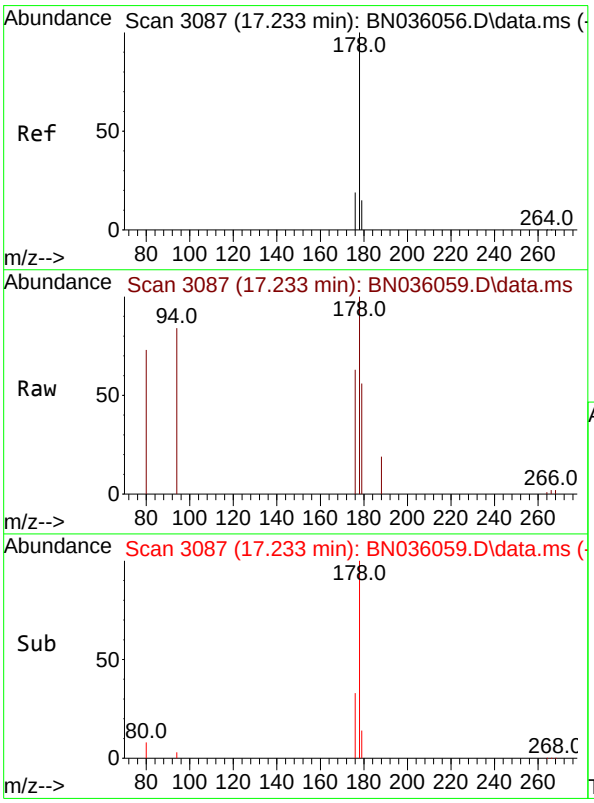
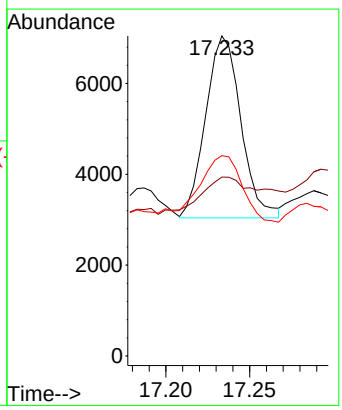


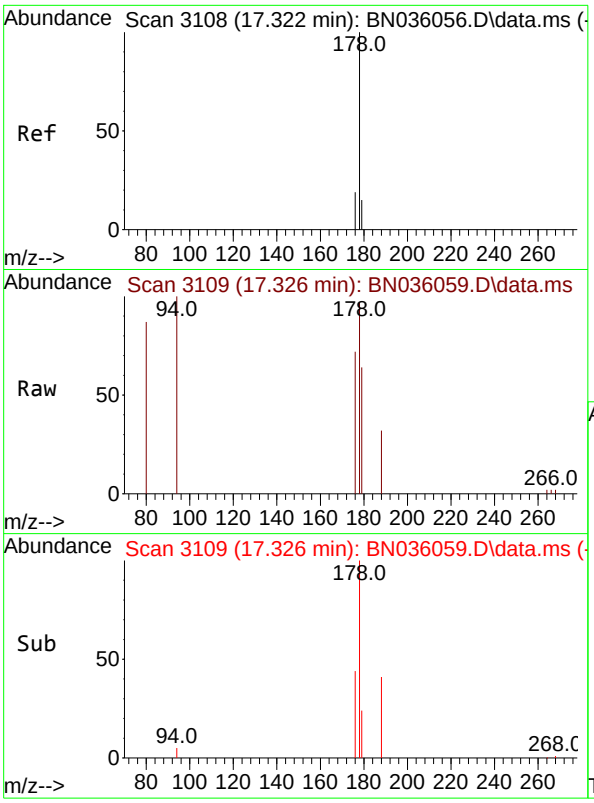


#15
Phenanthrene
Concen: 0.243 ng/ul m
RT: 17.233 min Scan# 3087
Delta R.T. 0.000 min
Lab File: BN036059.D
Acq: 28 Jan 2025 05:13

Tgt Ion:178 Resp: 5860

Ion	Ratio	Lower	Upper
178	100		
179	55.9	13.2	19.8#
176	62.6	16.8	25.2#

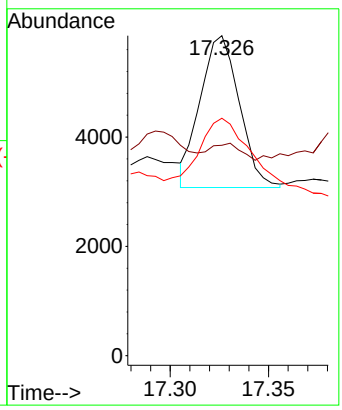




#16
Anthracene
Concen: 0.171 ng/ul m
RT: 17.326 min Scan# 3
Delta R.T. 0.004 min
Lab File: BN036059.D
Acq: 28 Jan 2025 05:13

Tgt Ion:178 Resp: 384

Ion	Ratio	Lower	Upper
178	100		
179	65.8	13.0	19.4#
176	74.2	15.9	23.9#



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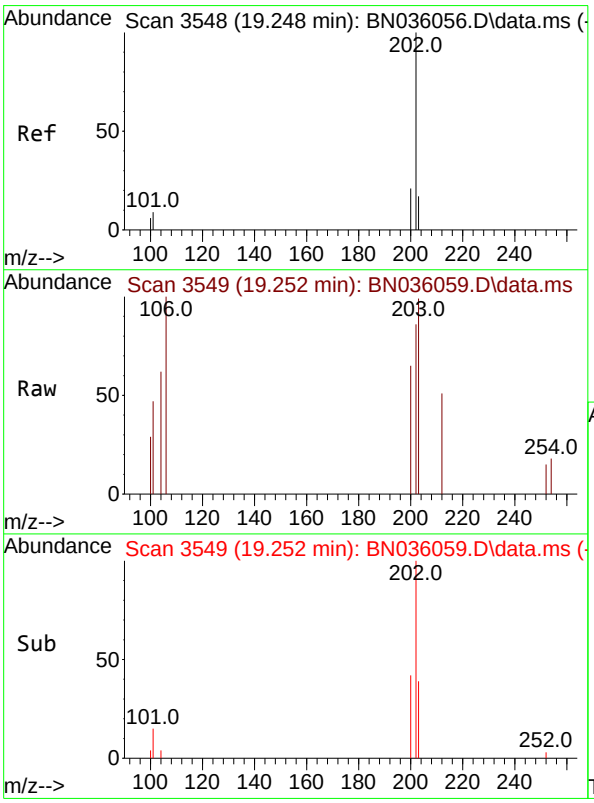

#19
Fluoranthene
Concen: 0.050 ng/ul
RT: 19.252 min Scan# 3549
Delta R.T. 0.005 min
Lab File: BN036059.D
Acq: 28 Jan 2025 05:13

Tgt Ion:202 Resp: 1990

Ion	Ratio	Lower	Upper
202	100		
101	54.5	8.4	12.6#
100	34.1	6.5	9.7#