

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
 Data File : BN036062.D
 Acq On : 28 Jan 2025 07:02
 Operator : RC/JU
 Sample : Q1174-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2934

Manual Integrations
 APPROVED

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

Quant Time: Jan 28 07:25:12 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	7.816	152	2648	0.400	ng/ul	0.00
4) Naphthalene-d8	10.605	136	5901	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.450	164	6908	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.195	188	8864m	0.400	ng/ul	0.00
17) Chrysene-d12	21.377	240	8568	0.400	ng/ul	# 0.00
23) Perylene-d12	23.683	264	8084m	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	11396	3.931	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	3077	0.413	ng/ul	0.00
18) Fluoranthene-d10	19.224	212	7896	0.335	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.314	88	3764	1.216	ng/ul#	58
5) Naphthalene	10.655	128	2738	0.168	ng/ul#	80
7) 2-Methylnaphthalene	12.271	142	2074	0.205	ng/ul#	81
8) 1-Methylnaphthalene	12.491	142	2095	0.204	ng/ul#	65
11) Acenaphthene	14.515	153	965	0.040	ng/ul	94
12) Fluorene	15.500	166	1191	0.045	ng/ul#	36
14) Pentachlorophenol	16.853	266	17036	5.486	ng/ul	99
15) Phenanthrene	17.233	178	3353	0.129	ng/ul#	41

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

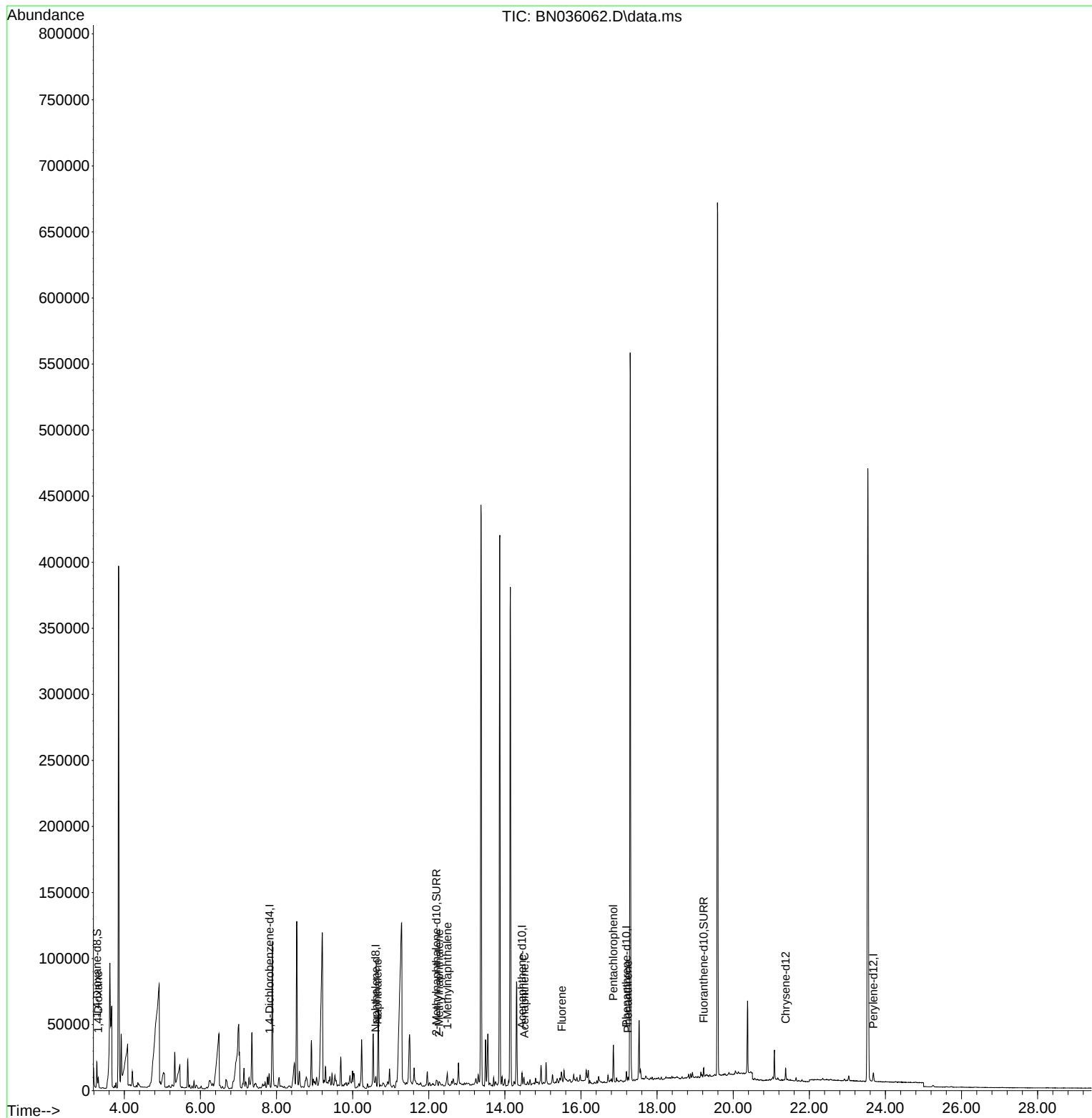
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
Data File : BN036062.D
Acq On : 28 Jan 2025 07:02
Operator : RC/JU
Sample : Q1174-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

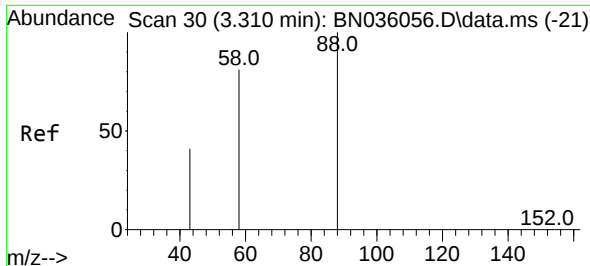
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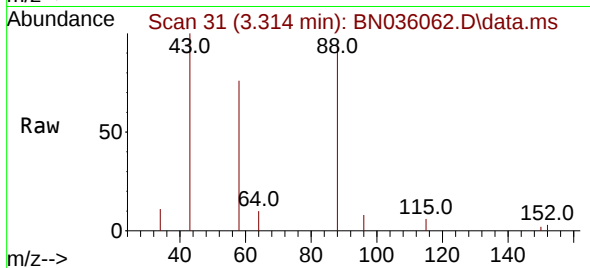
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.216 ng/ul
RT: 3.314 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN036062.D
Acq: 28 Jan 2025 07:02

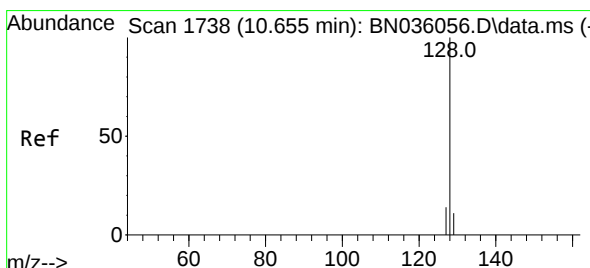
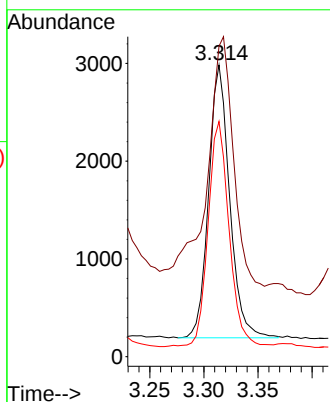
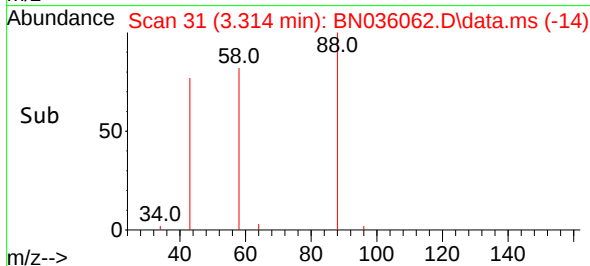
Instrument :
BNA_N
ClientSampleId :
E2934



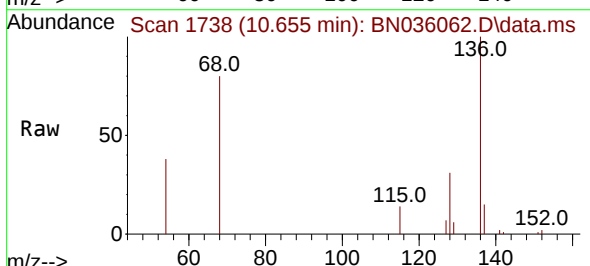
Tgt Ion: 88 Resp: 3764
Ion Ratio Lower Upper
88 100
43 106.4 40.7 61.1#
58 80.6 55.2 82.8

Manual Integrations
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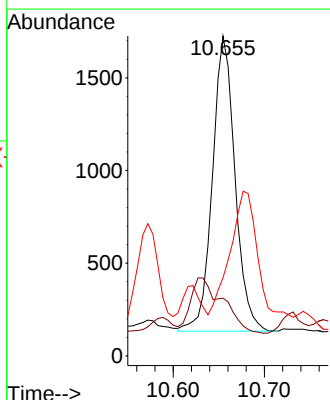
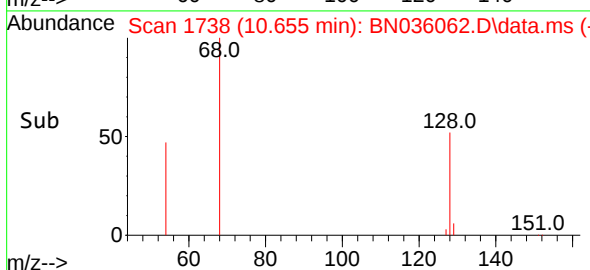
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Supervised By :mohammad ahmed 01/31/2025

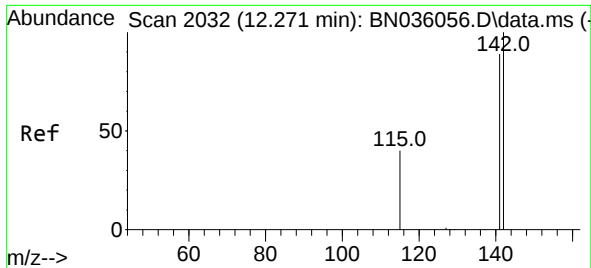


#5
Naphthalene
Concen: 0.168 ng/ul
RT: 10.655 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN036062.D
Acq: 28 Jan 2025 07:02



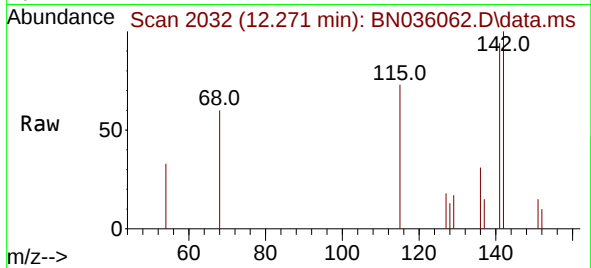
Tgt Ion:128 Resp: 2738
Ion Ratio Lower Upper
128 100
129 18.0 9.6 14.4#
127 24.4 12.0 18.0#





#7
2-Methylnaphthalene
Concen: 0.205 ng/ul
RT: 12.271 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BN036062.D
Acq: 28 Jan 2025 07:02

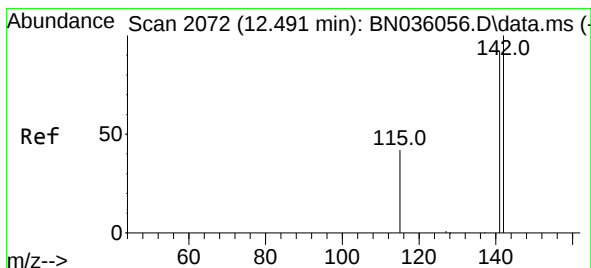
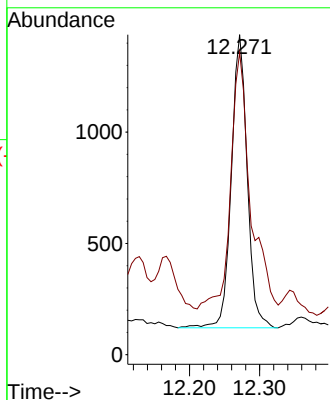
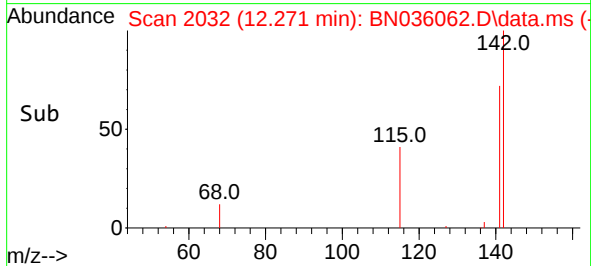
Instrument :
BNA_N
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E2934



Tgt Ion:142 Resp: 2074
Ion Ratio Lower Upper
142 100
141 108.1 71.9 107.9

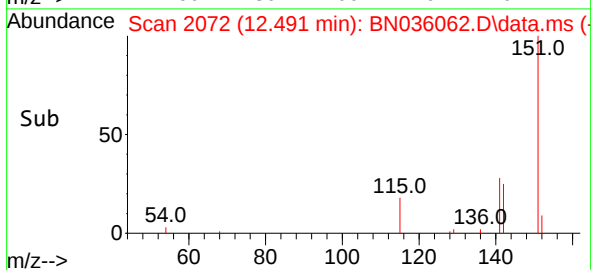
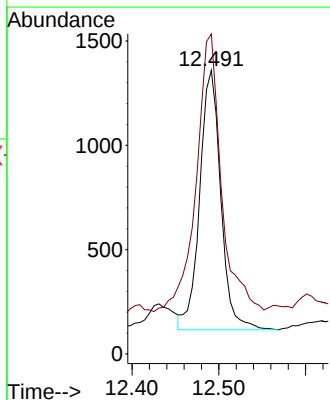
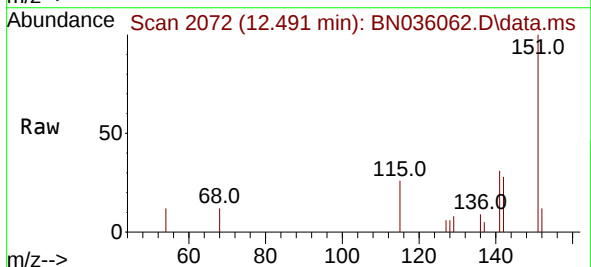
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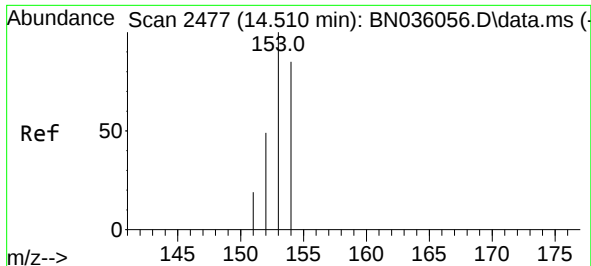
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#8
1-Methylnaphthalene
Concen: 0.204 ng/ul
RT: 12.491 min Scan# 2072
Delta R.T. -0.000 min
Lab File: BN036062.D
Acq: 28 Jan 2025 07:02

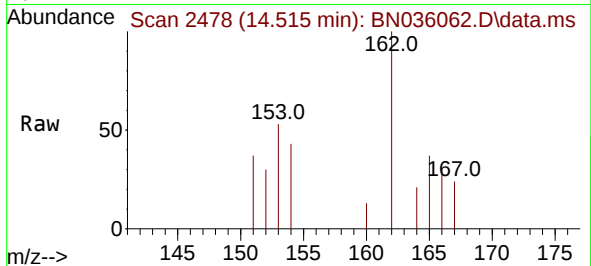
Tgt Ion:142 Resp: 2095
Ion Ratio Lower Upper
142 100
141 127.8 75.2 112.8





#11
Acenaphthene
Concen: 0.040 ng/u1
RT: 14.515 min Scan# 2477
Delta R.T. -0.000 min
Lab File: BN036062.D
Acq: 28 Jan 2025 07:02

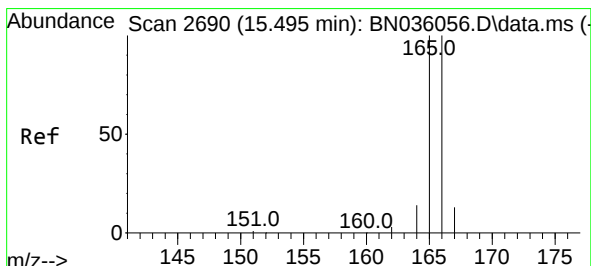
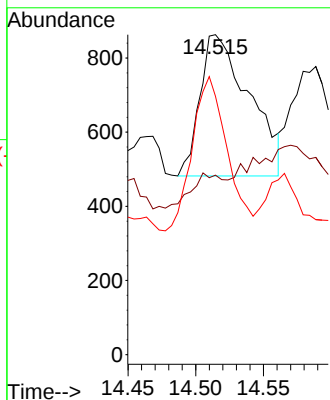
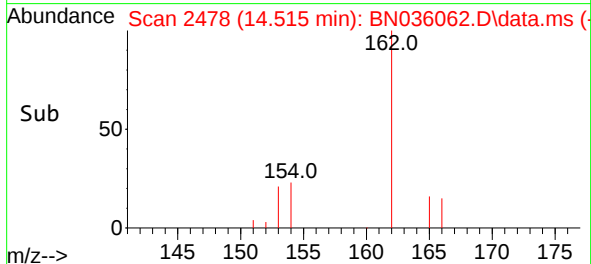
Instrument :
BNA_N
ClientSampleId :
E2934



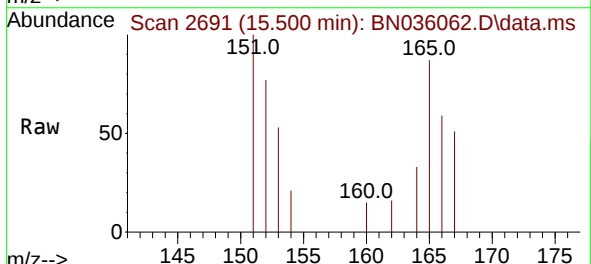
Tgt Ion:153 Resp: 96
Ion Ratio Lower Upper
153 100
152 56.1 43.2 64.8
154 80.8 70.5 105.7

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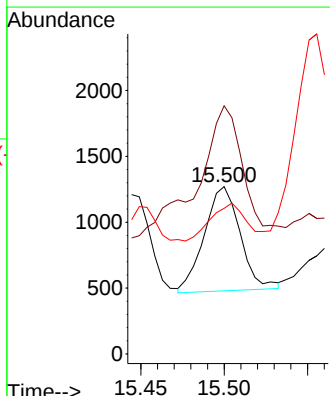
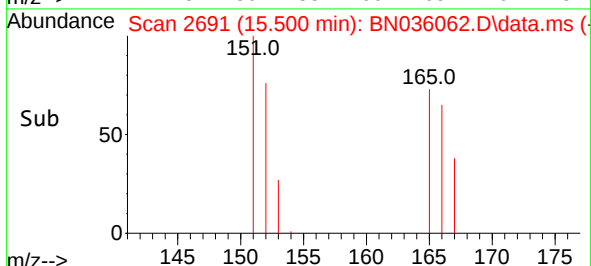
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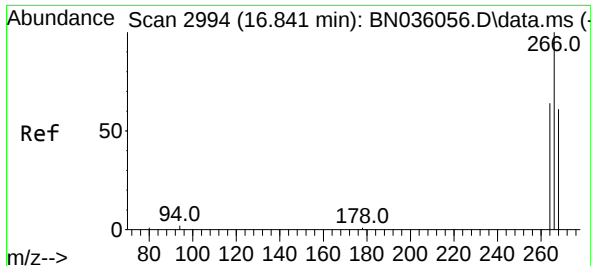


#12
Fluorene
Concen: 0.045 ng/u1
RT: 15.500 min Scan# 2691
Delta R.T. -0.000 min
Lab File: BN036062.D
Acq: 28 Jan 2025 07:02



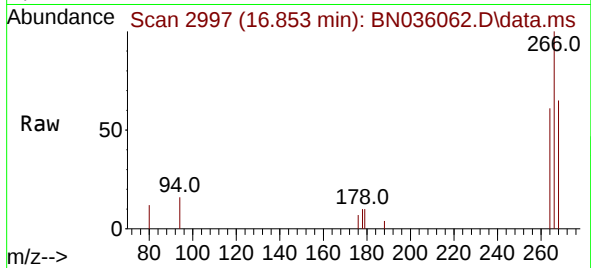
Tgt Ion:166 Resp: 1191
Ion Ratio Lower Upper
166 100
165 148.3 80.3 120.5#
167 87.0 12.3 18.5#





#14
Pentachlorophenol
Concen: 5.486 ng/u1
RT: 16.853 min Scan# 2997
Delta R.T. 0.013 min
Lab File: BN036062.D
Acq: 28 Jan 2025 07:02

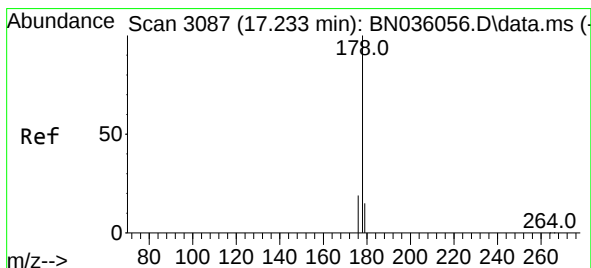
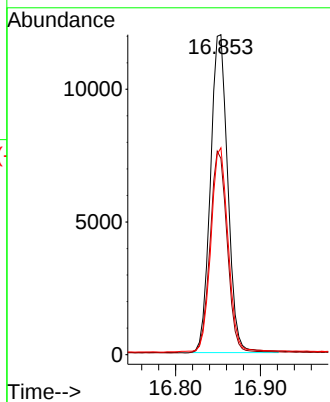
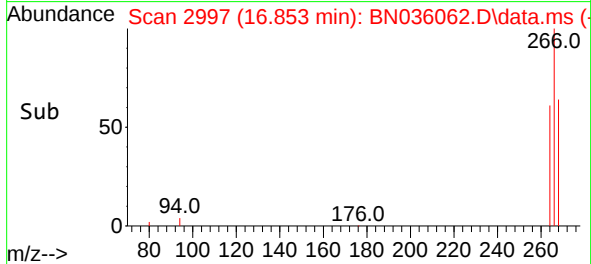
Instrument :
BNA_N
ClientSampleId :
E2934



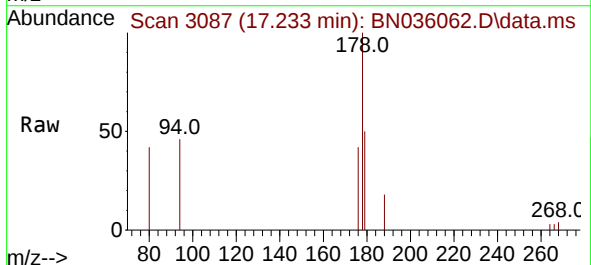
Tgt Ion:266 Resp: 17036
Ion Ratio Lower Upper
266 100
264 63.0 50.6 75.8
268 63.8 50.6 75.8

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#15
Phenanthrene
Concen: 0.129 ng/u1
RT: 17.233 min Scan# 3087
Delta R.T. -0.000 min
Lab File: BN036062.D
Acq: 28 Jan 2025 07:02



Tgt Ion:178 Resp: 3353
Ion Ratio Lower Upper
178 100
179 49.9 13.2 19.8#
176 41.7 16.8 25.2#

