

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
 Data File : BN036102.D
 Acq On : 29 Jan 2025 09:30
 Operator : RC/JU
 Sample : Q1184-14
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2965

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/29/2025
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 29 09:51:16 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	7.807	152	2007	0.400	ng/ul	0.00
4) Naphthalene-d8	10.710	136	6911m	0.400	ng/ul	0.10
9) Acenaphthene-d10	14.482	164	9909m	0.400	ng/ul	0.03
13) Phenanthrene-d10	17.199	188	8885m	0.400	ng/ul	0.00
17) Chrysene-d12	21.383	240	12174m	0.400	ng/ul	0.01
23) Perylene-d12	23.686	264	7872m	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	9685	4.407	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.222	152	2919	0.335	ng/ul	0.02
18) Fluoranthene-d10	19.224	212	11727m	0.351	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.671	128	1490070	78.265	ng/ul	98
7) 2-Methylnaphthalene	12.310	142	60763	5.138	ng/ul	98
8) 1-Methylnaphthalene	12.530	142	50965	4.246	ng/ul	98
11) Acenaphthene	14.547	153	48299	1.405	ng/ul#	65
12) Fluorene	15.514	166	11158	0.294	ng/ul#	80
14) Pentachlorophenol	16.858	266	2671m	0.858	ng/ul	
15) Phenanthrene	17.242	178	40763m	1.567	ng/ul	

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

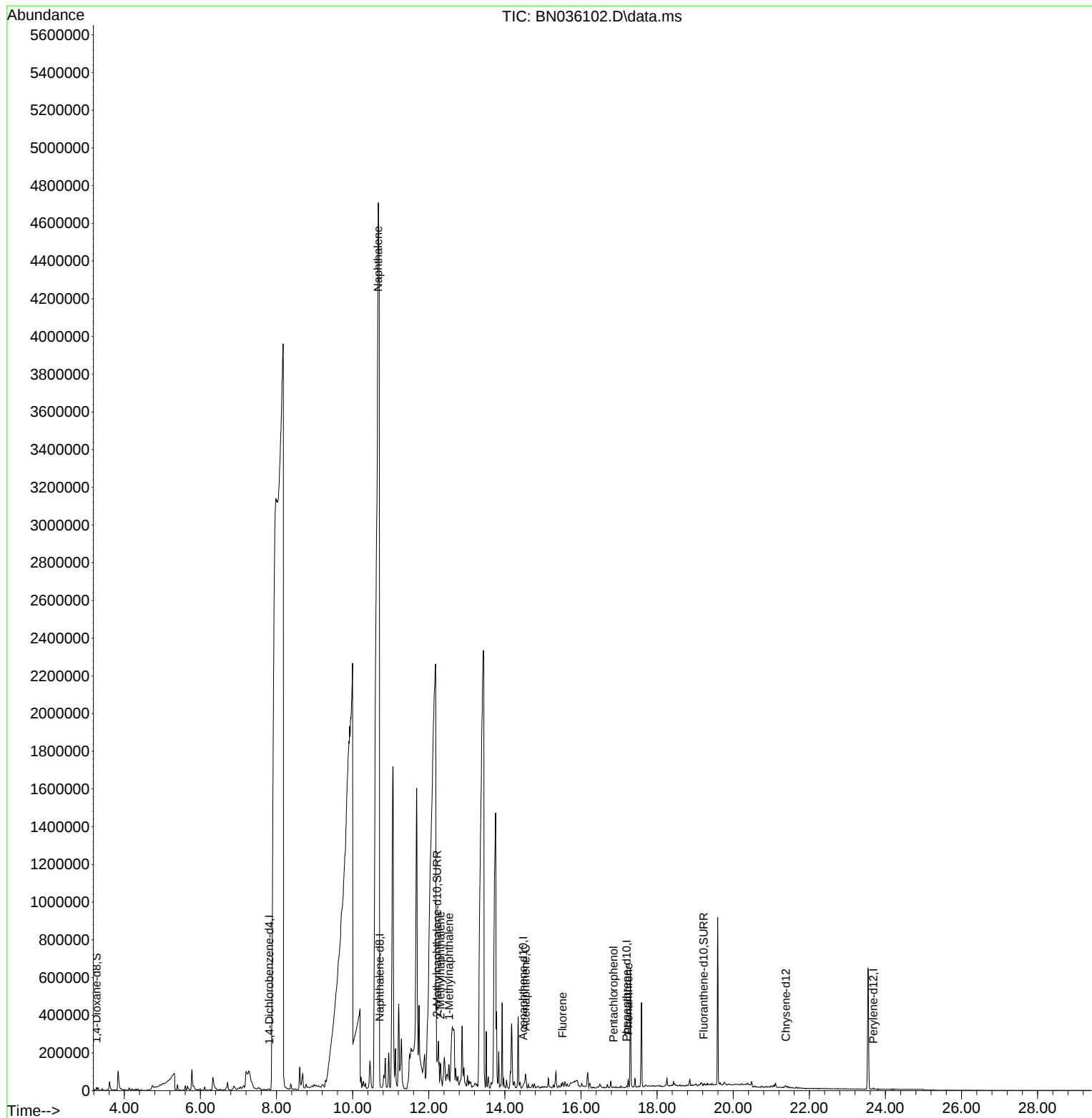
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036102.D
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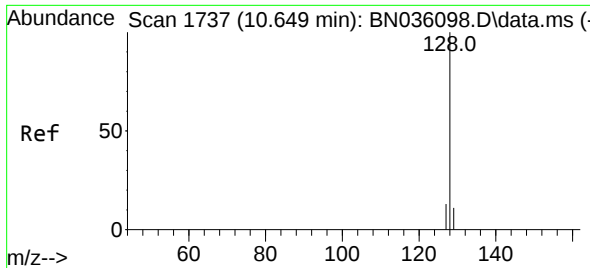
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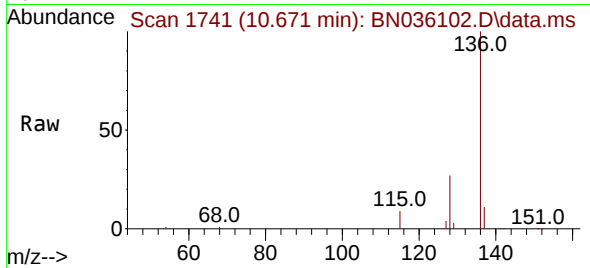
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration





#5
Naphthalene
Concen: 78.265 ng/ul
RT: 10.671 min Scan# 1737
Delta R.T. 0.016 min
Lab File: BN036102.D
Acq: 29 Jan 2025 09:30

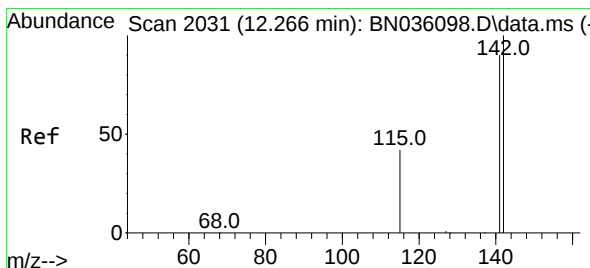
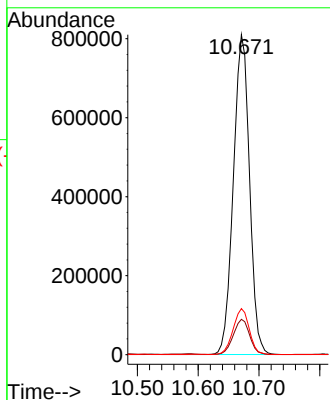
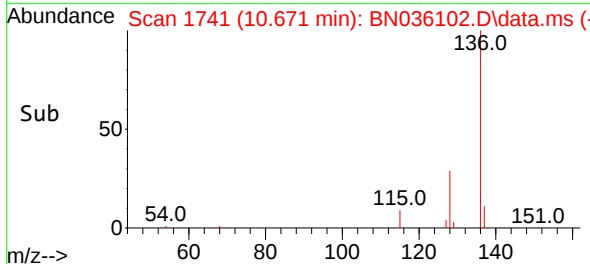
Instrument :
BNA_N
ClientSampleId :
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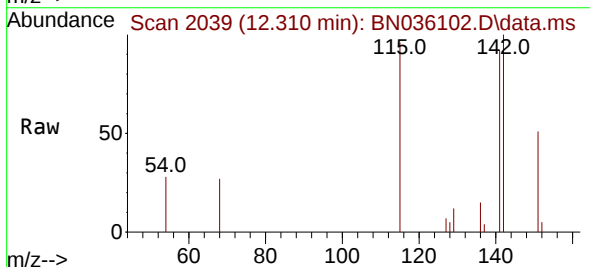
Tgt Ion:128 Resp: 1490070
Ion Ratio Lower Upper
128 100
129 11.1 9.6 14.4
127 14.4 12.0 18.0

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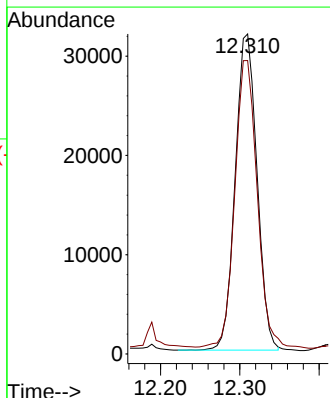
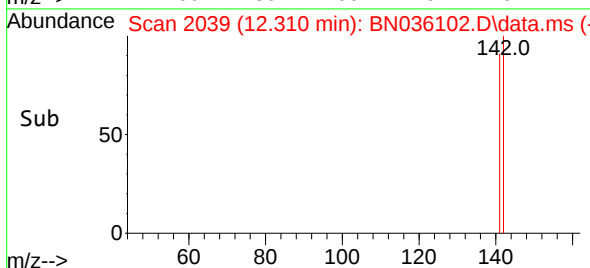
Reviewed By :Jagrut Upadhyay 01/29/2025
Supervised By :mohammad ahmed 02/04/2025

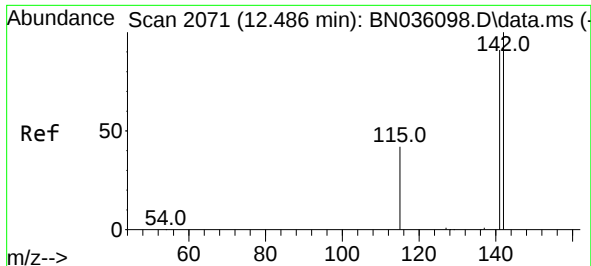


#7
2-Methylnaphthalene
Concen: 5.138 ng/ul
RT: 12.310 min Scan# 2039
Delta R.T. 0.038 min
Lab File: BN036102.D
Acq: 29 Jan 2025 09:30



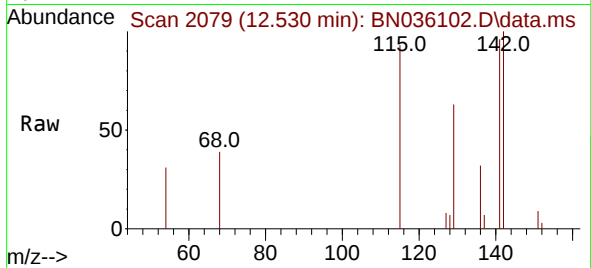
Tgt Ion:142 Resp: 60763
Ion Ratio Lower Upper
142 100
141 92.2 71.9 107.9





#8
1-Methylnaphthalene
Concen: 4.246 ng/ul
RT: 12.530 min Scan# 2071
Delta R.T. 0.038 min
Lab File: BN036102.D
Acq: 29 Jan 2025 09:30

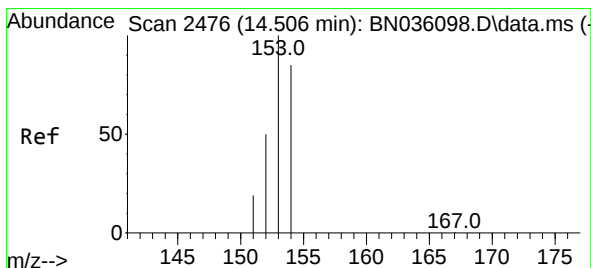
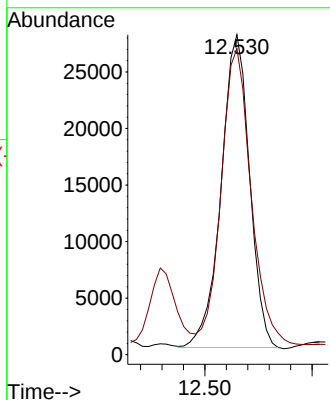
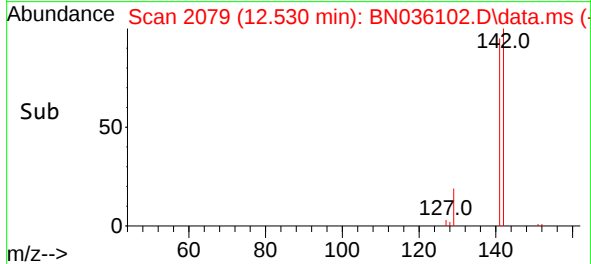
Instrument :
BNA_N
ClientSampleId :
E2965



Tgt Ion:142 Resp: 5096
Ion Ratio Lower Upper
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141 92.0 75.2 112.8

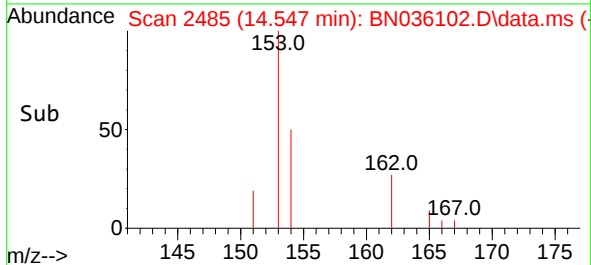
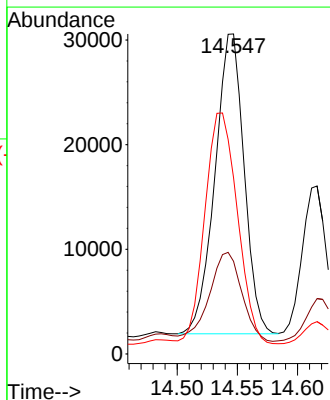
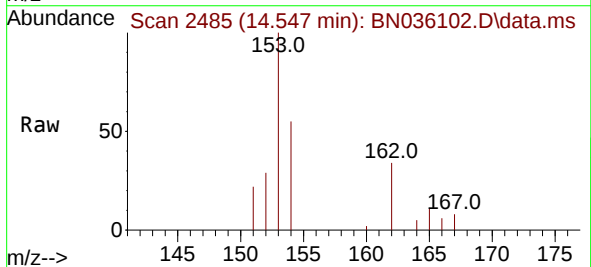
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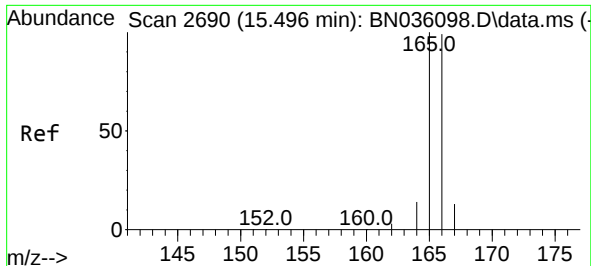
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Supervised By :mohammad ahmed 02/04/2025



#11
Acenaphthene
Concen: 1.405 ng/ul
RT: 14.547 min Scan# 2485
Delta R.T. 0.032 min
Lab File: BN036102.D
Acq: 29 Jan 2025 09:30

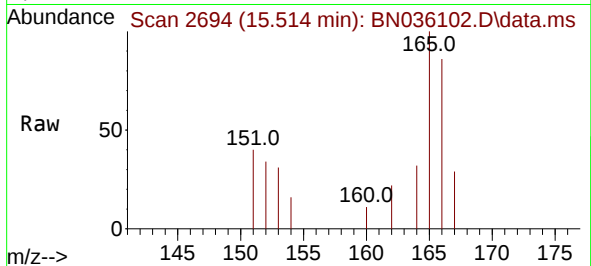
Tgt Ion:153 Resp: 48299
Ion Ratio Lower Upper
153 100
152 28.9 43.2 64.8#
154 55.0 70.5 105.7#





#12
Fluorene
Concen: 0.294 ng/ul
RT: 15.514 min Scan# 2098
Delta R.T. 0.014 min
Lab File: BN036102.D
Acq: 29 Jan 2025 09:30

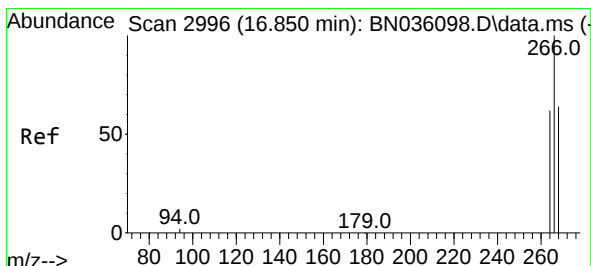
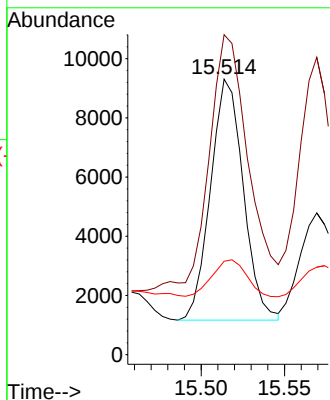
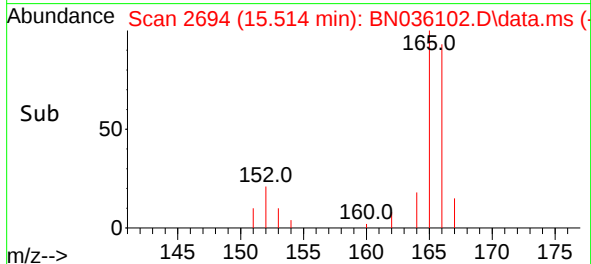
Instrument :
BNA_N
ClientSampleId :
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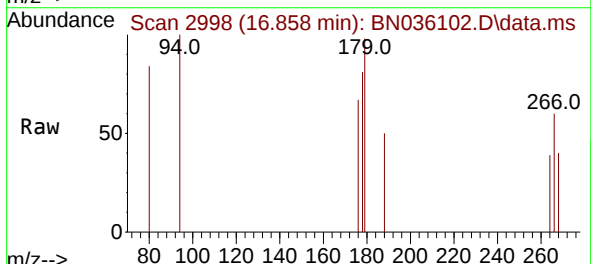
Tgt Ion:166 Resp: 11158
Ion Ratio Lower Upper
166 100
165 116.2 80.3 120.5
167 33.9 12.3 18.5

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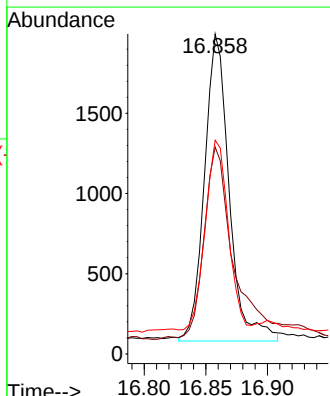
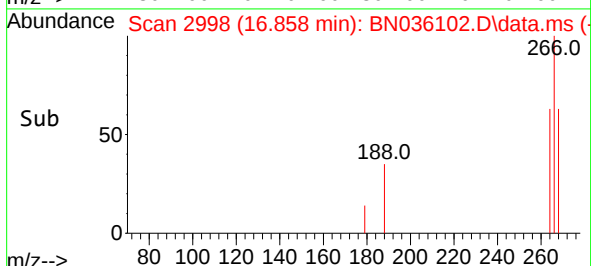
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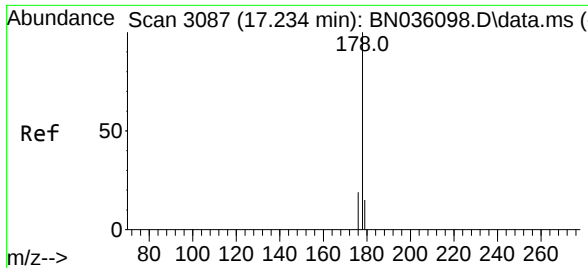


#14
Pentachlorophenol
Concen: 0.858 ng/ul m
RT: 16.858 min Scan# 2998
Delta R.T. 0.017 min
Lab File: BN036102.D
Acq: 29 Jan 2025 09:30



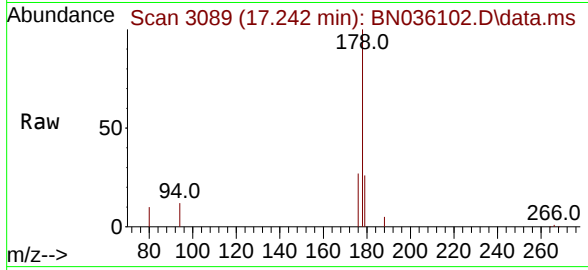
Tgt Ion:266 Resp: 2671
Ion Ratio Lower Upper
266 100
264 0.0 50.6 75.8#
268 0.0 50.6 75.8#





#15
Phenanthrene
Concen: 1.567 ng/ul m
RT: 17.242 min Scan# 30
Delta R.T. 0.008 min
Lab File: BN036102.D
Acq: 29 Jan 2025 09:30

Instrument :
BNA_N
ClientSampleId :
E2965



Tgt Ion:178 Resp: 4076
Ion Ratio Lower Upper
178 100
179 25.6 13.2 19.8
176 26.9 16.8 25.2

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