

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
 Data File : BN036061.D
 Acq On : 28 Jan 2025 06:26
 Operator : RC/JU
 Sample : Q1174-09
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2939

Manual Integrations
 APPROVED

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

Quant Time: Jan 28 06:49:02 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	2745	0.400	ng/ul	0.00
4) Naphthalene-d8	10.627	136	32083m	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.459	164	15187	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.195	188	9657m	0.400	ng/ul	0.00
17) Chrysene-d12	21.378	240	9956	0.400	ng/ul	# 0.00
23) Perylene-d12	23.678	264	7930m	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	11801	3.927	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.211	152	4667	0.115	ng/ul	0.01
18) Fluoranthene-d10	19.225	212	7728	0.282	ng/ul	0.00
Target Compounds						
					Qvalue	
8) 1-Methylnaphthalene	12.503	142	17456	0.313	ng/ul	91
10) Acenaphthylene	14.182	152	5242	0.073	ng/ul#	25
11) Acenaphthene	14.524	153	36024	0.684	ng/ul#	79
12) Fluorene	15.505	166	16300	0.280	ng/ul#	95
14) Pentachlorophenol	16.853	266	1006	0.297	ng/ul	97
15) Phenanthrene	17.238	178	45411	1.606	ng/ul#	93
16) Anthracene	17.326	178	11056	0.421	ng/ul#	41
19) Fluoranthene	19.252	202	12154	0.321	ng/ul#	82
20) Pyrene	19.615	202	8718	0.221	ng/ul#	72

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

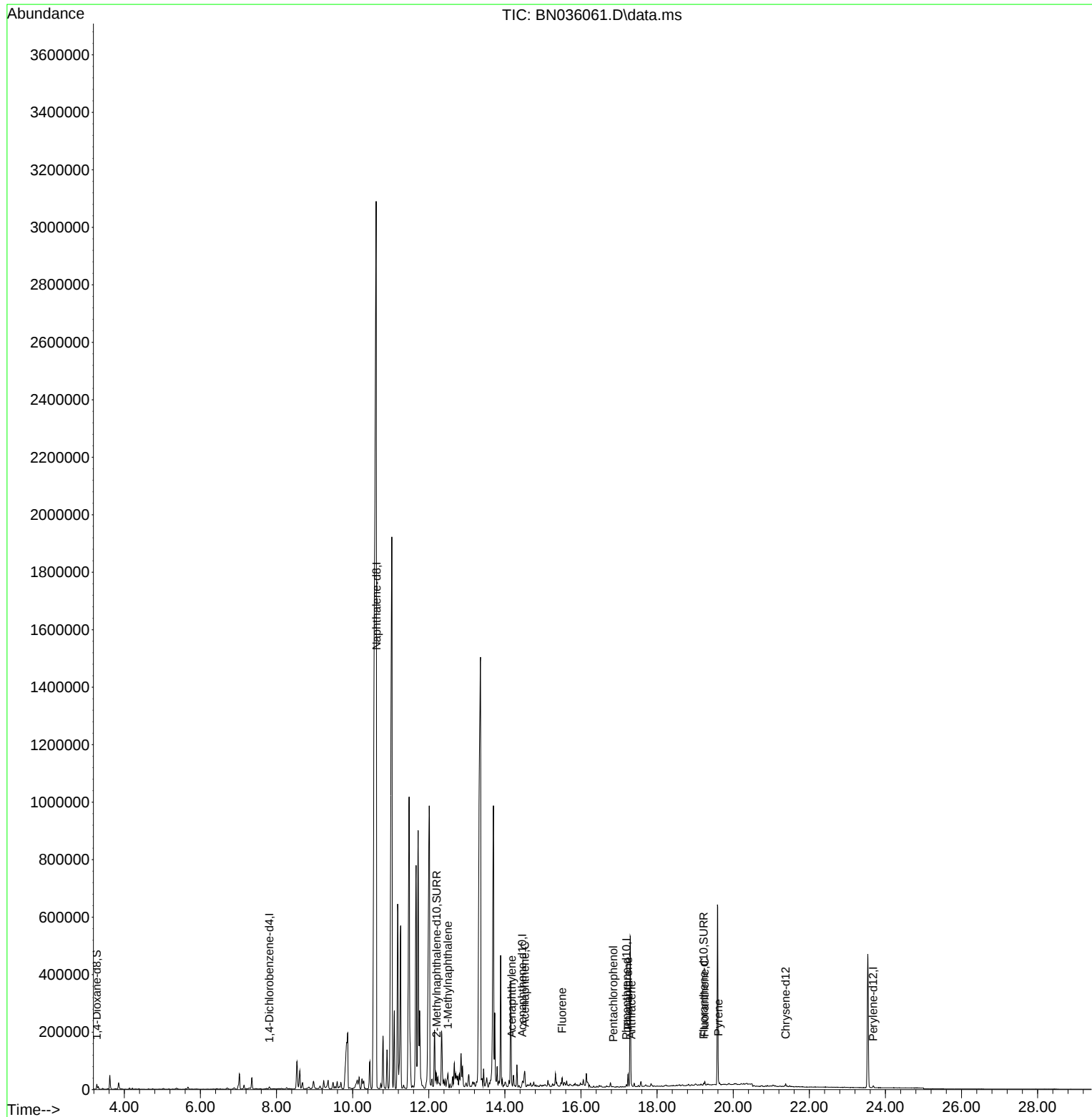
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
Data File : BN036061.D
Acq On : 28 Jan 2025 06:26
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ALS Vial : 34 Sample Multiplier: 1

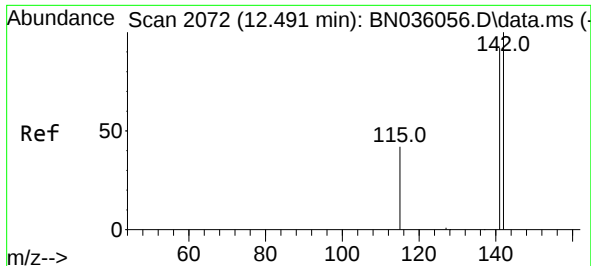
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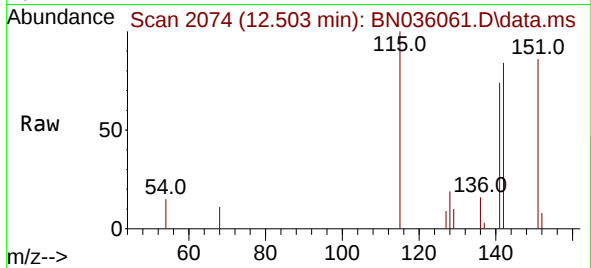
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration





#8
1-Methylnaphthalene
Concen: 0.313 ng/ul
RT: 12.503 min Scan# 2074
Delta R.T. 0.011 min
Lab File: BN036061.D
Acq: 28 Jan 2025 06:26

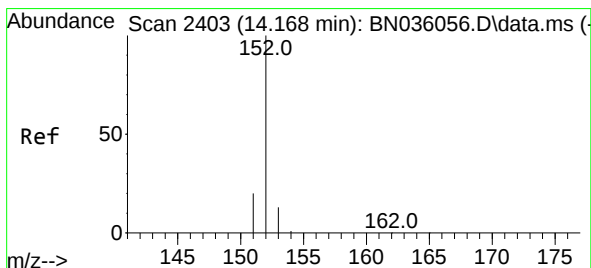
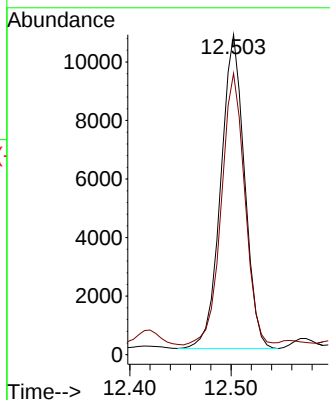
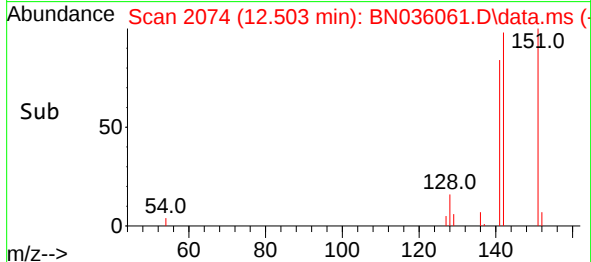
Instrument :
BNA_N
ClientSampleId :
E2939



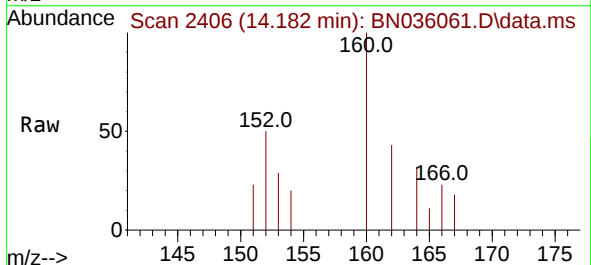
Tgt Ion:142 Resp: 17456
Ion Ratio Lower Upper
142 100
141 85.3 75.2 112.8

Manual Integrations
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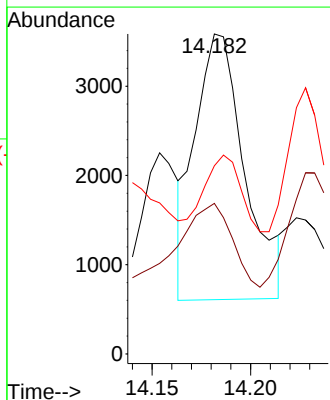
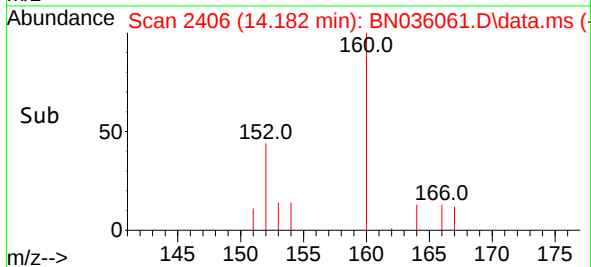
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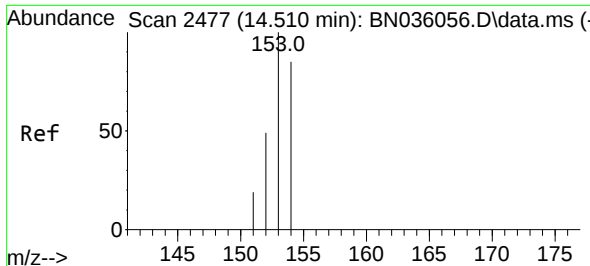


#10
Acenaphthylene
Concen: 0.073 ng/ul
RT: 14.182 min Scan# 2406
Delta R.T. 0.014 min
Lab File: BN036061.D
Acq: 28 Jan 2025 06:26



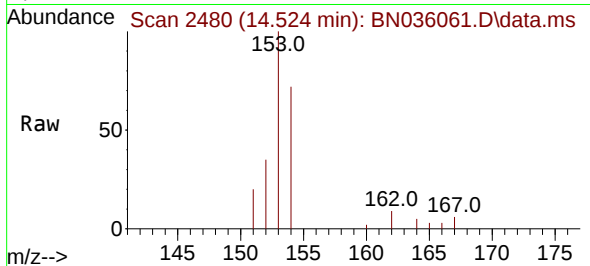
Tgt Ion:152 Resp: 5242
Ion Ratio Lower Upper
152 100
151 47.0 17.4 26.2#
153 58.8 11.9 17.9#





#11
Acenaphthene
Concen: 0.684 ng/u1
RT: 14.524 min Scan# 2477
Delta R.T. 0.009 min
Lab File: BN036061.D
Acq: 28 Jan 2025 06:26

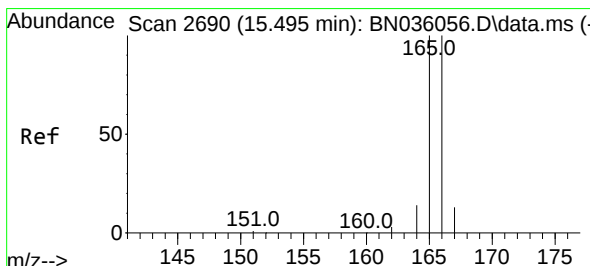
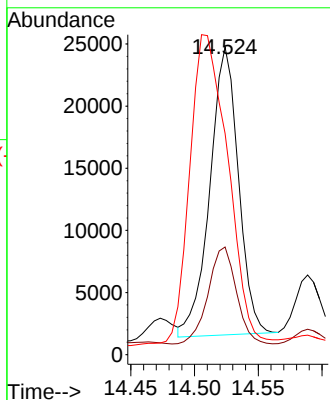
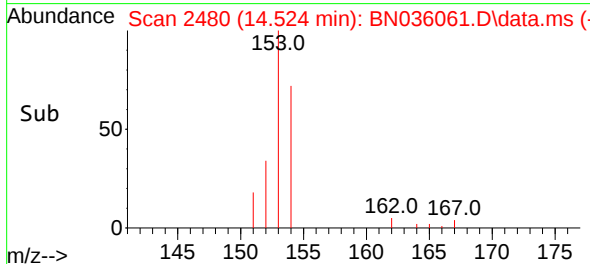
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Tgt Ion:153 Resp: 36024
Ion Ratio Lower Upper
153 100
152 35.0 43.2 64.8
154 71.9 70.5 105.7

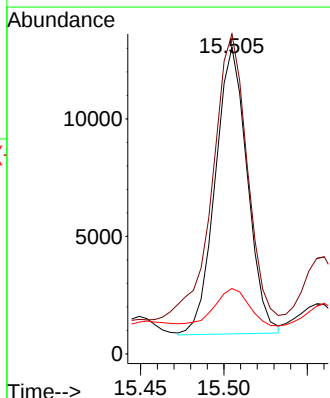
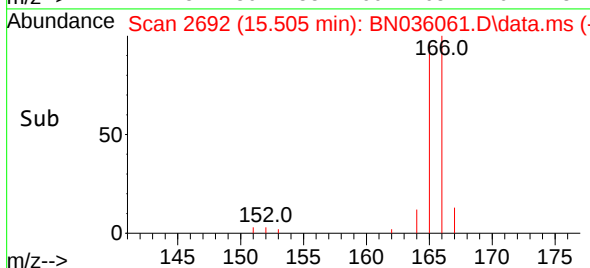
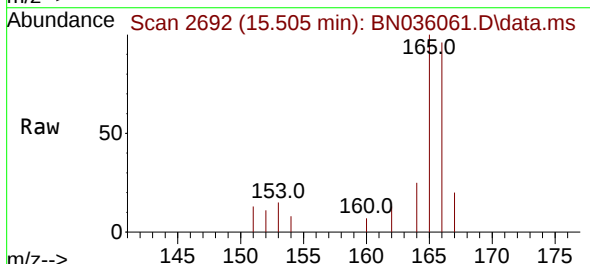
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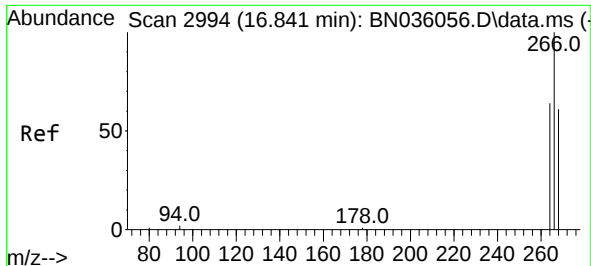
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#12
Fluorene
Concen: 0.280 ng/u1
RT: 15.505 min Scan# 2692
Delta R.T. 0.005 min
Lab File: BN036061.D
Acq: 28 Jan 2025 06:26

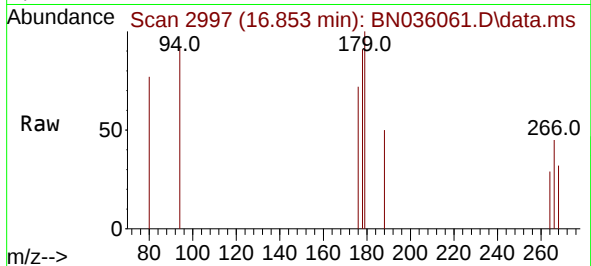
Tgt Ion:166 Resp: 16300
Ion Ratio Lower Upper
166 100
165 104.3 80.3 120.5
167 21.4 12.3 18.5





#14
Pentachlorophenol
Concen: 0.297 ng/uI
RT: 16.853 min Scan# 2997
Delta R.T. 0.013 min
Lab File: BN036061.D
Acq: 28 Jan 2025 06:26

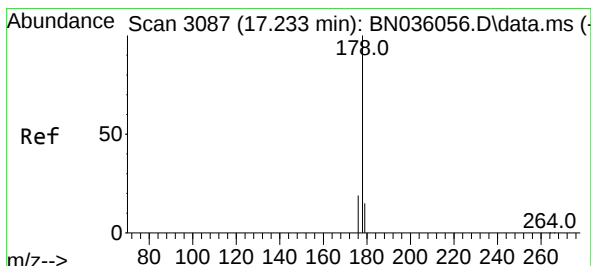
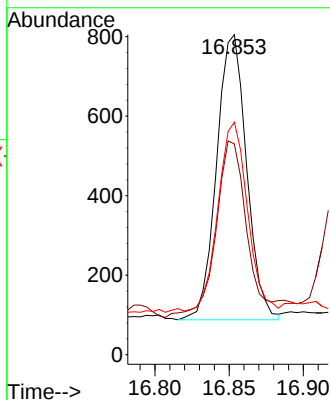
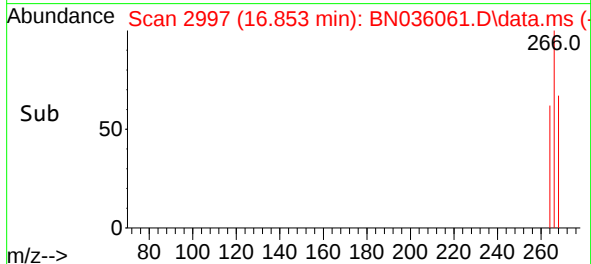
Instrument :
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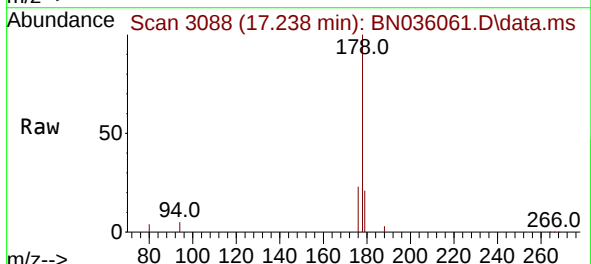
Tgt Ion:266 Resp: 1000
Ion Ratio Lower Upper
266 100
264 66.9 50.6 75.8
268 64.7 50.6 75.8

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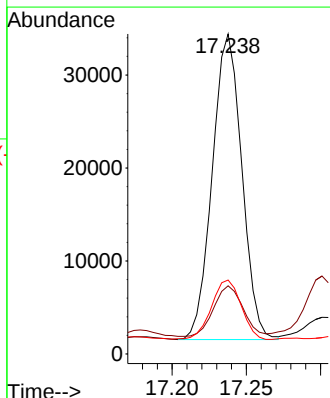
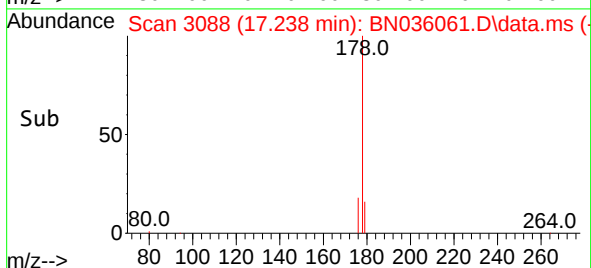
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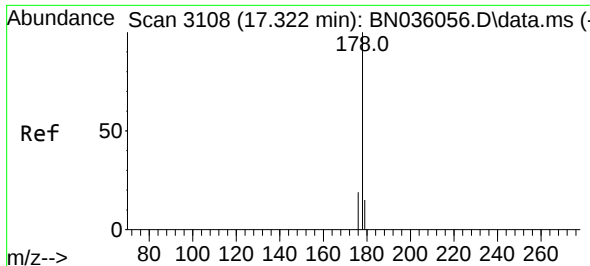


#15
Phenanthrene
Concen: 1.606 ng/uI
RT: 17.238 min Scan# 3088
Delta R.T. 0.004 min
Lab File: BN036061.D
Acq: 28 Jan 2025 06:26



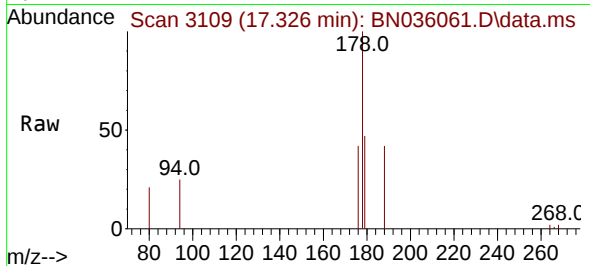
Tgt Ion:178 Resp: 45411
Ion Ratio Lower Upper
178 100
179 21.3 13.2 19.8#
176 23.1 16.8 25.2





#16
 Anthracene
 Concen: 0.421 ng/ul
 RT: 17.326 min Scan# 3109
 Delta R.T. 0.004 min
 Lab File: BN036061.D
 Acq: 28 Jan 2025 06:26

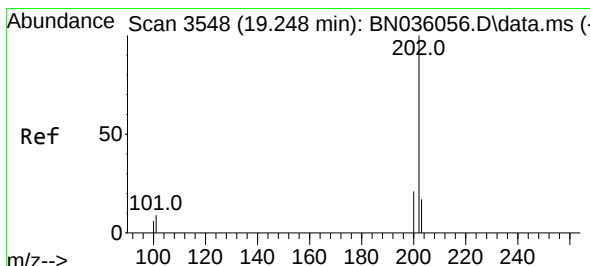
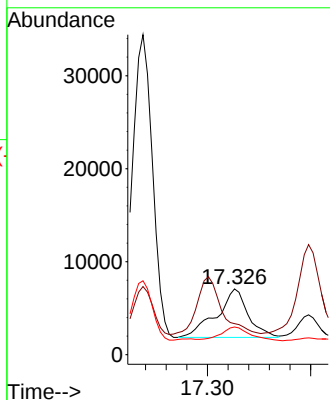
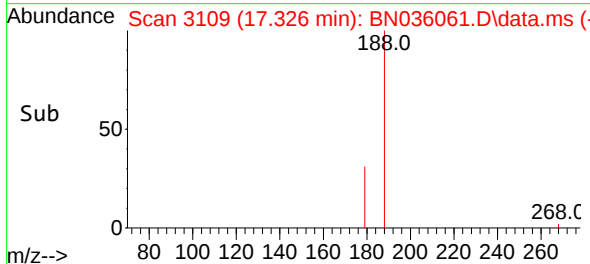
Instrument :
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 ClientSampleId :
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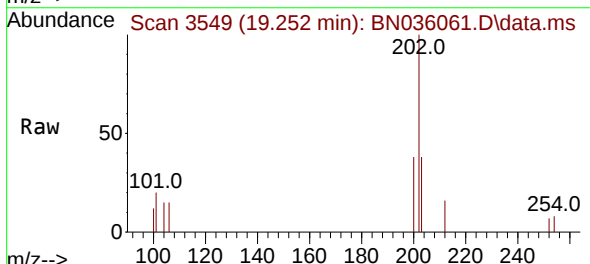
Tgt Ion:178 Resp: 11050
 Ion Ratio Lower Upper
 178 100
 179 47.3 13.0 19.4#
 176 42.1 15.9 23.9#

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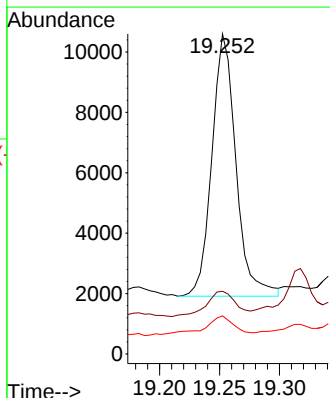
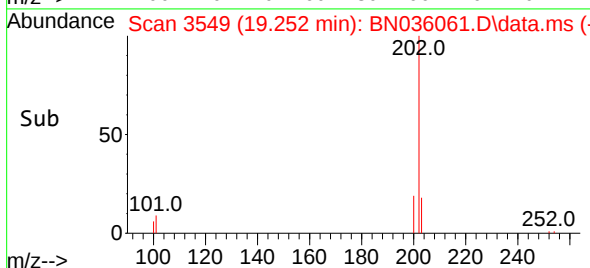
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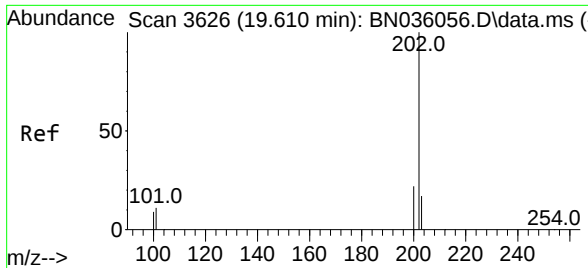


#19
 Fluoranthene
 Concen: 0.321 ng/ul
 RT: 19.252 min Scan# 3549
 Delta R.T. 0.005 min
 Lab File: BN036061.D
 Acq: 28 Jan 2025 06:26



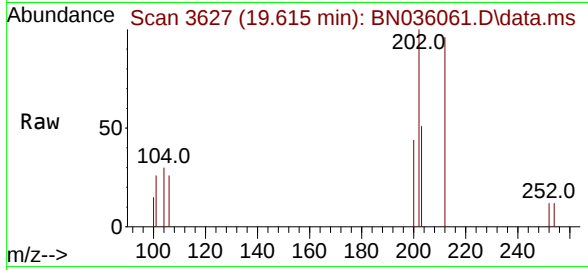
Tgt Ion:202 Resp: 12154
 Ion Ratio Lower Upper
 202 100
 101 19.6 8.4 12.6#
 100 11.9 6.5 9.7#





#20
 Pyrene
 Concen: 0.221 ng/ul
 RT: 19.615 min Scan# 30
 Delta R.T. 0.005 min
 Lab File: BN036061.D
 Acq: 28 Jan 2025 06:26

Instrument :
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 ClientSampleId :
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Tgt Ion: 202 Resp: 8718

Ion	Ratio	Lower	Upper
202	100		
101	25.6	9.3	13.9
100	15.5	7.5	11.3

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