

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
 Data File : BN036088.D
 Acq On : 29 Jan 2025 00:29
 Operator : RC/JU
 Sample : Q1184-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2963

Manual Integrations
 APPROVED

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

Quant Time: Jan 29 08:29:00 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	2728	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.583	136	8561m	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.468	164	25413m	0.400	ng/ul	0.02
13) Phenanthrene-d10	17.195	188	10721m	0.400	ng/ul	0.00
17) Chrysene-d12	21.383	240	16195	0.400	ng/ul	# 0.01
23) Perylene-d12	23.692	264	8229m	0.400	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.272	96	13403	4.487	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	3220m	0.298	ng/ul	0.00
18) Fluoranthene-d10	19.224	212	13771	0.309	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.655	128	250825	10.635	ng/ul	98
7) 2-Methylnaphthalene	12.271	142	29888	2.040	ng/ul	94
8) 1-Methylnaphthalene	12.491	142	26014	1.749	ng/ul	93
10) Acenaphthylene	14.172	152	4830	0.040	ng/ul#	1
11) Acenaphthene	14.515	153	15492	0.176	ng/ul	94
12) Fluorene	15.500	166	8438	0.087	ng/ul#	70
14) Pentachlorophenol	16.853	266	598	0.159	ng/ul	94
15) Phenanthrene	17.238	178	28926	0.921	ng/ul#	58
16) Anthracene	17.326	178	18968	0.650	ng/ul#	1
19) Fluoranthene	19.257	202	11553	0.188	ng/ul#	59
20) Pyrene	19.619	202	10064	0.157	ng/ul#	57
22) Chrysene	21.401	228	3804	0.064	ng/ul#	1

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

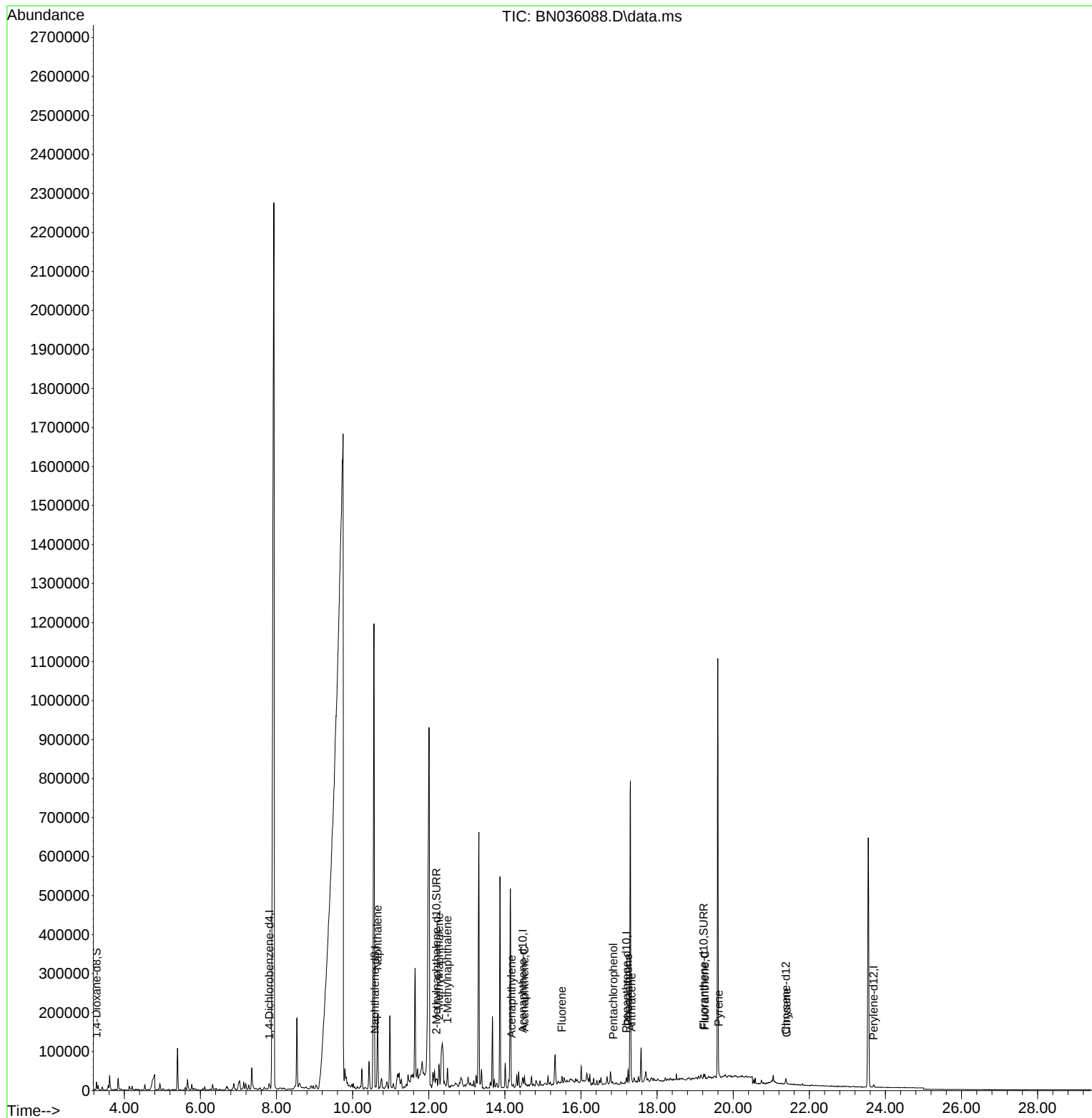
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036088.D
Acq On : 29 Jan 2025 00:29
Operator : RC/JU
Sample : Q1184-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

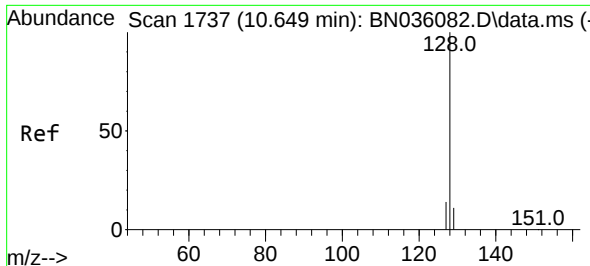
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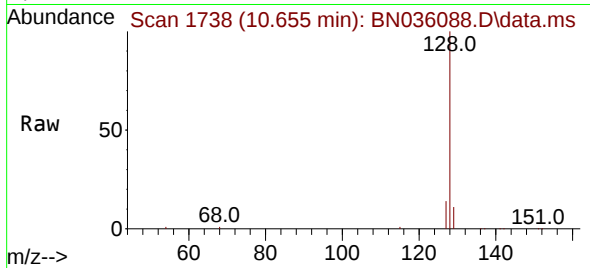
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration





#5
Naphthalene
Concen: 10.635 ng/ul
RT: 10.655 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN036088.D
Acq: 29 Jan 2025 00:29

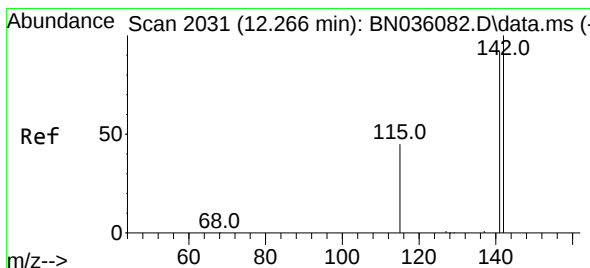
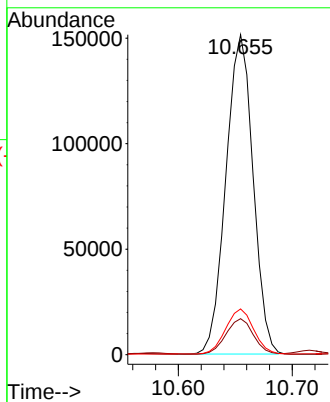
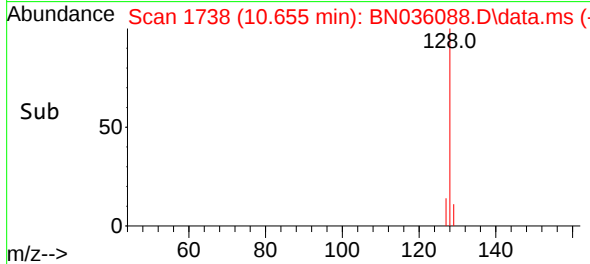
Instrument :
BNA_N
ClientSampleId :
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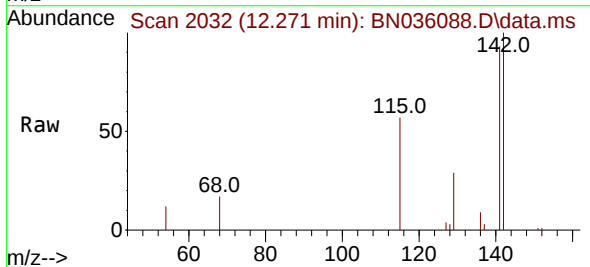
Tgt Ion:128 Resp: 25082
Ion Ratio Lower Upper
128 100
129 11.3 9.6 14.4
127 14.3 12.0 18.0

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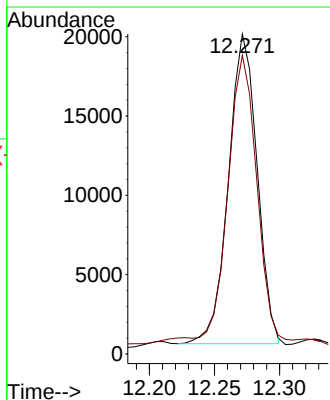
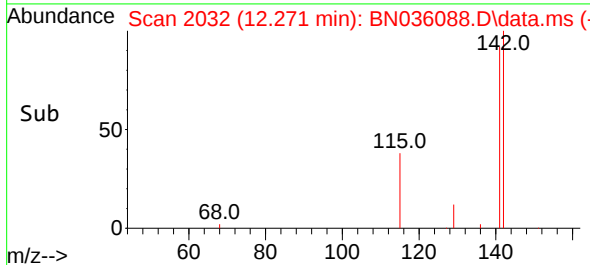
Reviewed By :Jagrut Upadhyay 01/29/2025
Supervised By :mohammad ahmed 02/04/2025

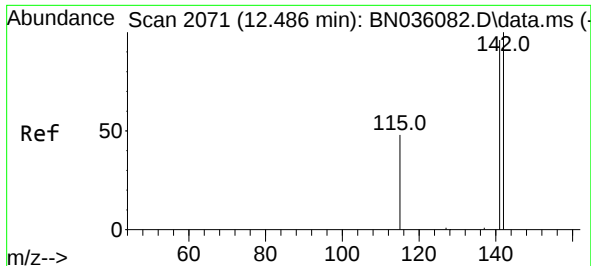


#7
2-Methylnaphthalene
Concen: 2.040 ng/ul
RT: 12.271 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BN036088.D
Acq: 29 Jan 2025 00:29



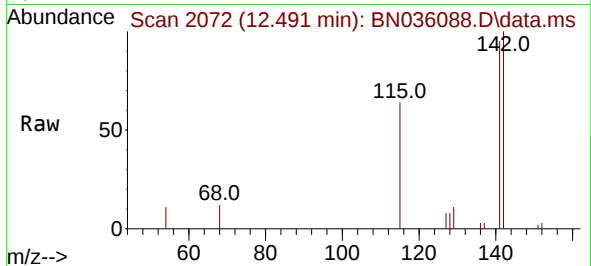
Tgt Ion:142 Resp: 29888
Ion Ratio Lower Upper
142 100
141 95.4 71.9 107.9





#8
1-Methylnaphthalene
Concen: 1.749 ng/ul
RT: 12.491 min Scan# 2071
Delta R.T. -0.000 min
Lab File: BN036088.D
Acq: 29 Jan 2025 00:29

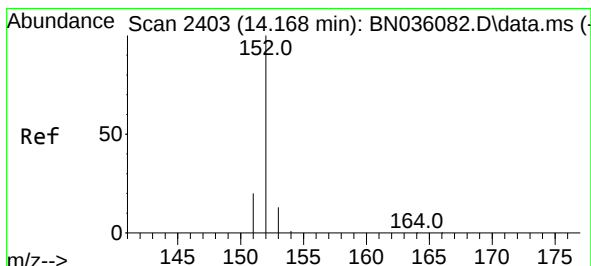
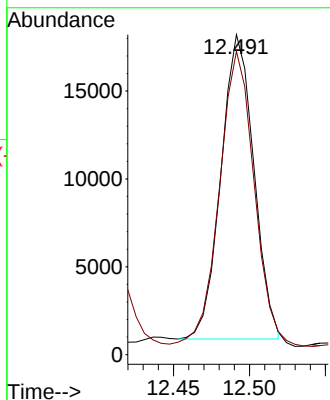
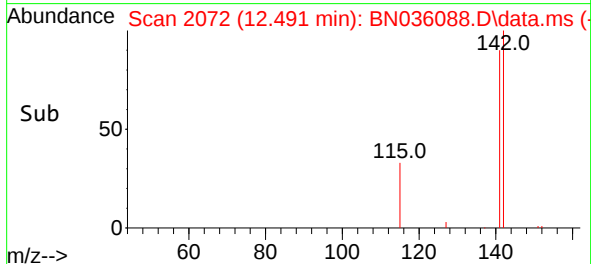
Instrument :
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ClientSampleId :
E2963



Tgt Ion:142 Resp: 26014
Ion Ratio Lower Upper
142 100
141 100.7 75.2 112.8

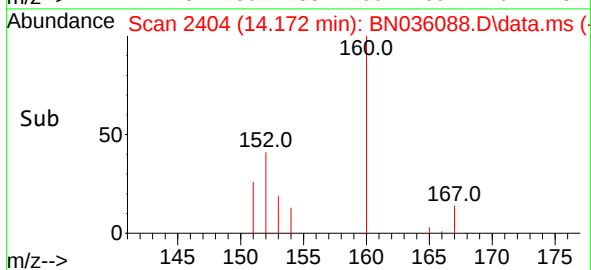
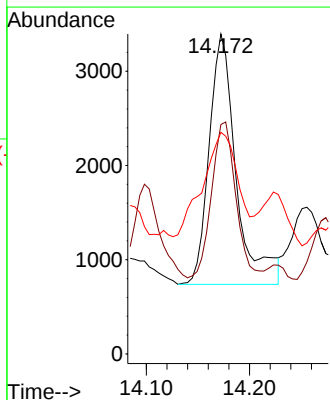
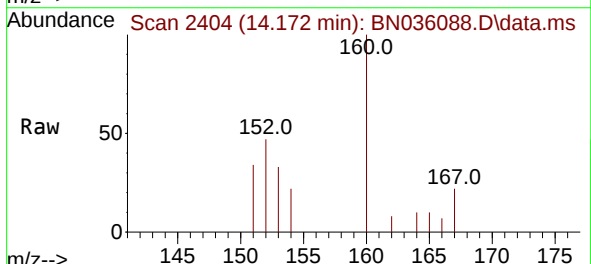
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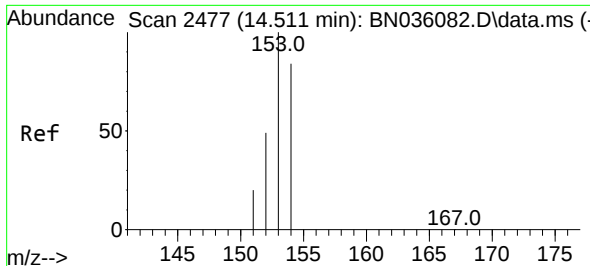
Reviewed By :Jagrut Upadhyay 01/29/2025
Supervised By :mohammad ahmed 02/04/2025



#10
Acenaphthylene
Concen: 0.040 ng/ul
RT: 14.172 min Scan# 2404
Delta R.T. 0.005 min
Lab File: BN036088.D
Acq: 29 Jan 2025 00:29

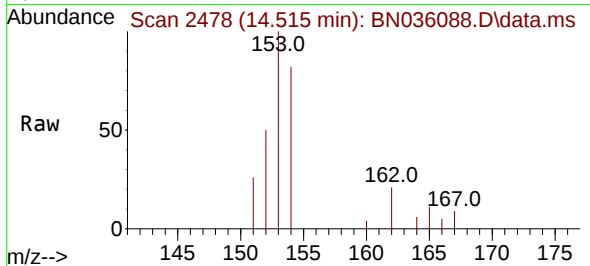
Tgt Ion:152 Resp: 4830
Ion Ratio Lower Upper
152 100
151 71.7 17.4 26.2#
153 69.3 11.9 17.9#





#11
Acenaphthene
Concen: 0.176 ng/ul
RT: 14.515 min Scan# 2477
Delta R.T. -0.000 min
Lab File: BN036088.D
Acq: 29 Jan 2025 00:29

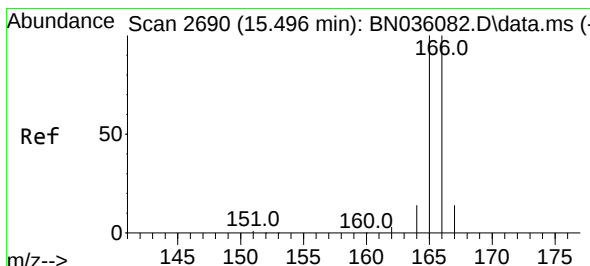
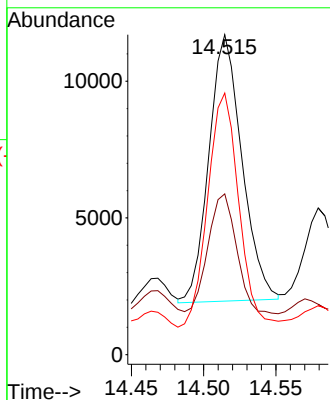
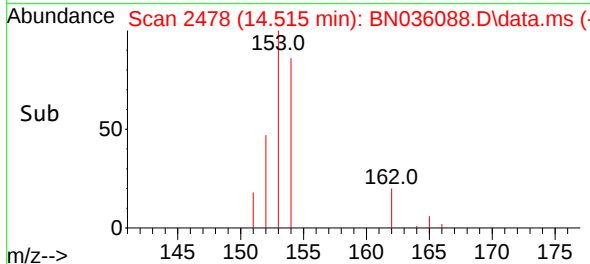
Instrument :
BNA_N
ClientSampleId :
E2963



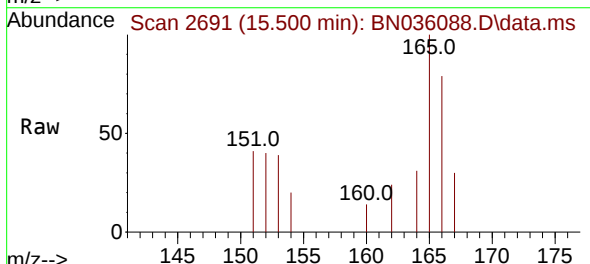
Tgt Ion:153 Resp: 15492
Ion Ratio Lower Upper
153 100
152 50.2 43.2 64.8
154 81.7 70.5 105.7

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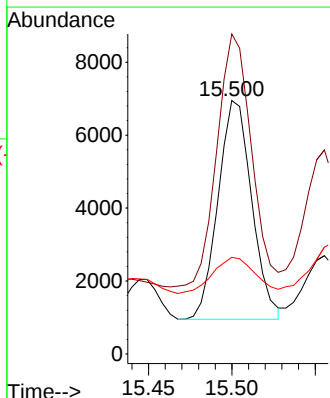
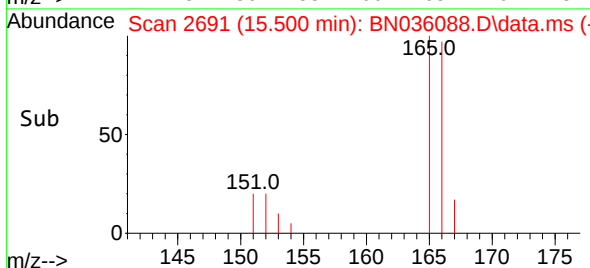
Reviewed By :Jagrut Upadhyay 01/29/2025
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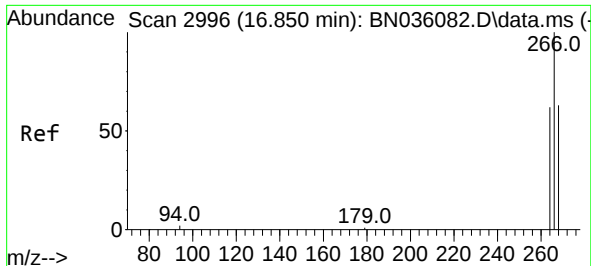


#12
Fluorene
Concen: 0.087 ng/ul
RT: 15.500 min Scan# 2691
Delta R.T. -0.000 min
Lab File: BN036088.D
Acq: 29 Jan 2025 00:29



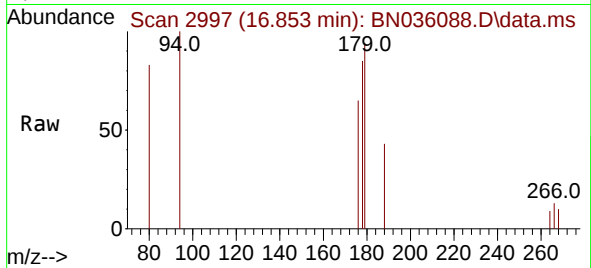
Tgt Ion:166 Resp: 8438
Ion Ratio Lower Upper
166 100
165 126.3 80.3 120.5#
167 38.2 12.3 18.5#





#14
Pentachlorophenol
Concen: 0.159 ng/ul
RT: 16.853 min Scan# 2996
Delta R.T. 0.013 min
Lab File: BN036088.D
Acq: 29 Jan 2025 00:29

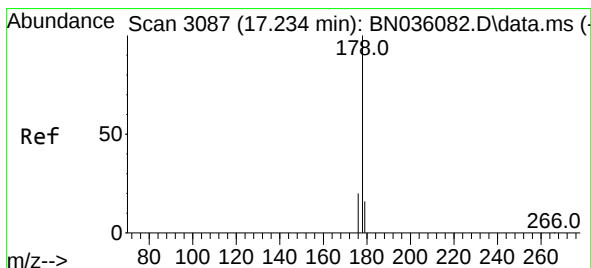
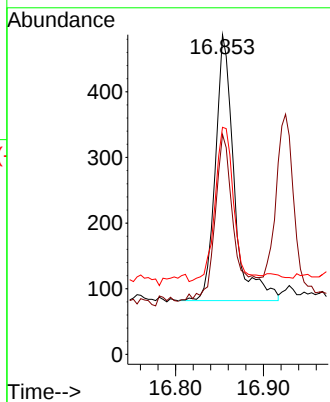
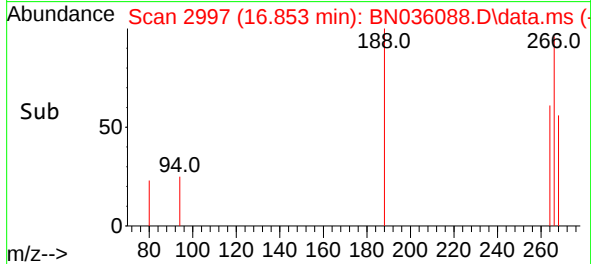
Instrument :
BNA_N
ClientSampleId :
E2963



Tgt Ion:266 Resp: 598
Ion Ratio Lower Upper
266 100
264 65.7 50.6 75.8
268 56.9 50.6 75.8

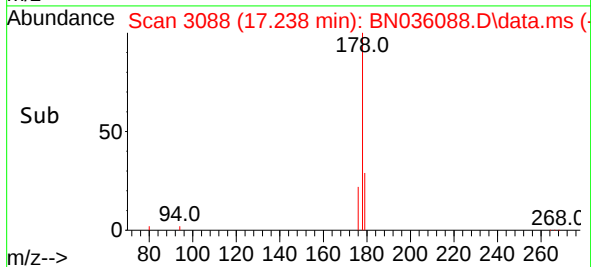
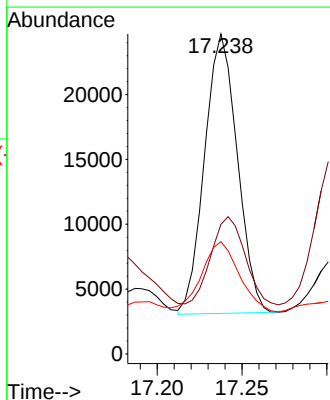
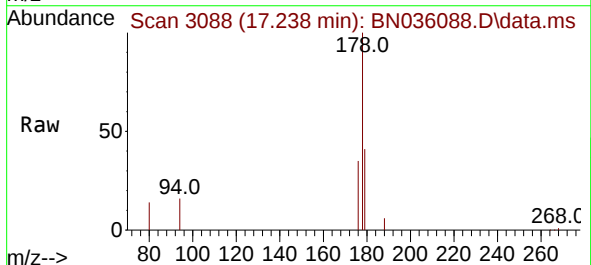
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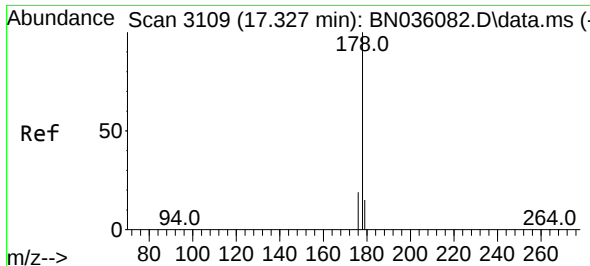
Reviewed By :Jagrut Upadhyay 01/29/2025
Supervised By :mohammad ahmed 02/04/2025



#15
Phenanthrene
Concen: 0.921 ng/ul
RT: 17.238 min Scan# 3088
Delta R.T. 0.004 min
Lab File: BN036088.D
Acq: 29 Jan 2025 00:29

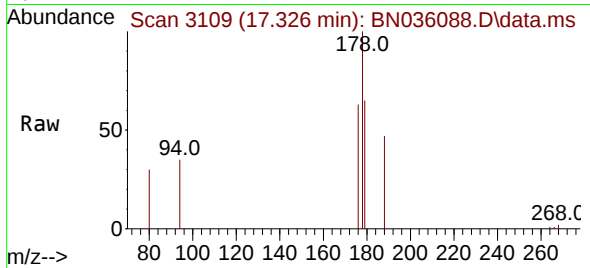
Tgt Ion:178 Resp: 28926
Ion Ratio Lower Upper
178 100
179 40.5 13.2 19.8#
176 35.1 16.8 25.2#





#16
 Anthracene
 Concen: 0.650 ng/ul
 RT: 17.326 min Scan# 3109
 Delta R.T. 0.004 min
 Lab File: BN036088.D
 Acq: 29 Jan 2025 00:29

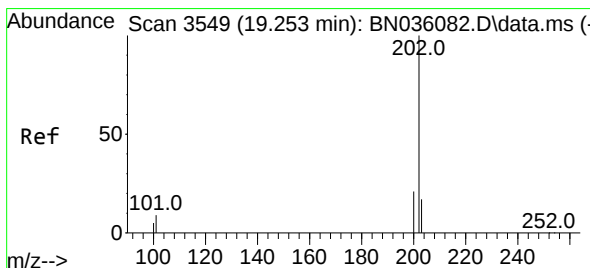
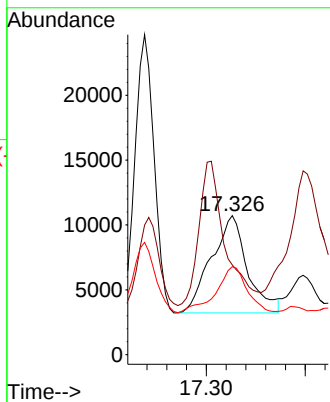
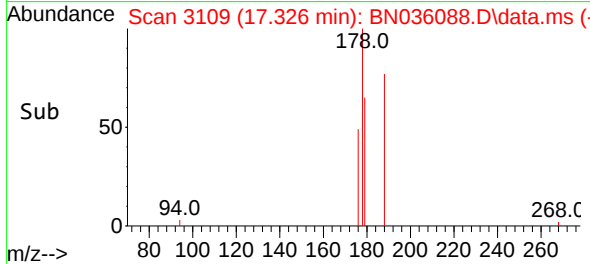
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Tgt Ion:178 Resp: 18968
 Ion Ratio Lower Upper
 178 100
 179 64.6 13.0 19.4#
 176 63.4 15.9 23.9#

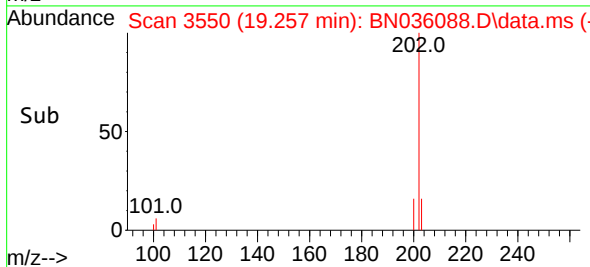
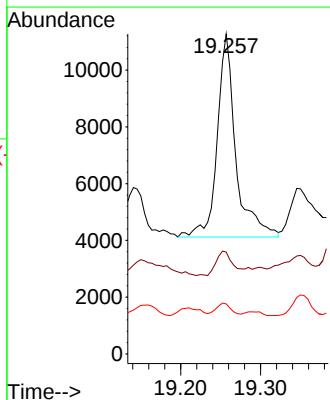
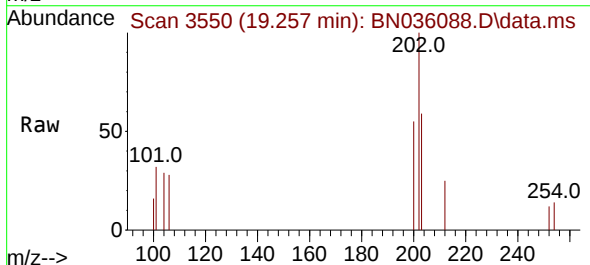
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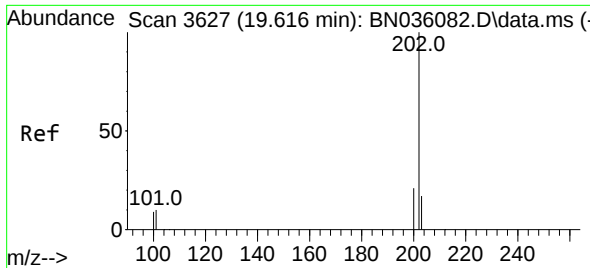
Reviewed By :Jagrut Upadhyay 01/29/2025
 Supervised By :mohammad ahmed 02/04/2025



#19
 Fluoranthene
 Concen: 0.188 ng/ul
 RT: 19.257 min Scan# 3550
 Delta R.T. 0.010 min
 Lab File: BN036088.D
 Acq: 29 Jan 2025 00:29

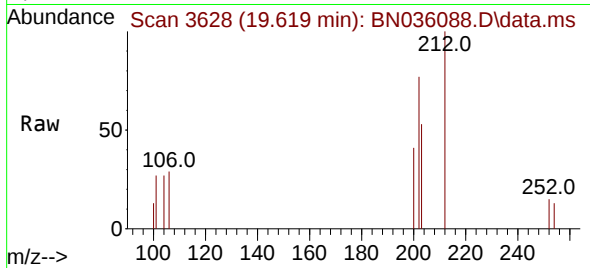
Tgt Ion:202 Resp: 11553
 Ion Ratio Lower Upper
 202 100
 101 31.9 8.4 12.6#
 100 15.7 6.5 9.7#





#20
Pyrene
Concen: 0.157 ng/u1
RT: 19.619 min Scan# 3628
Delta R.T. 0.010 min
Lab File: BN036088.D
Acq: 29 Jan 2025 00:29

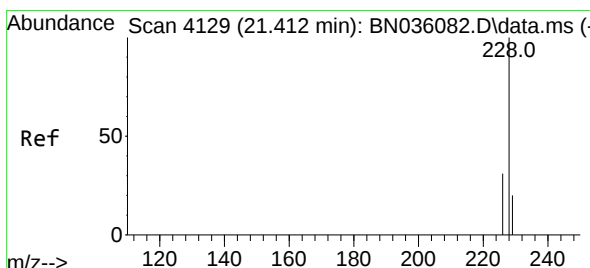
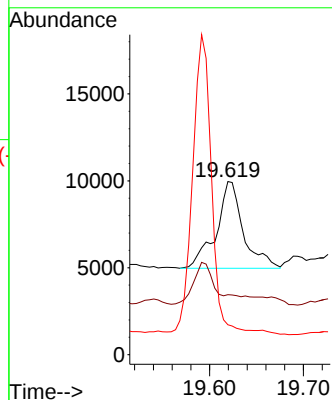
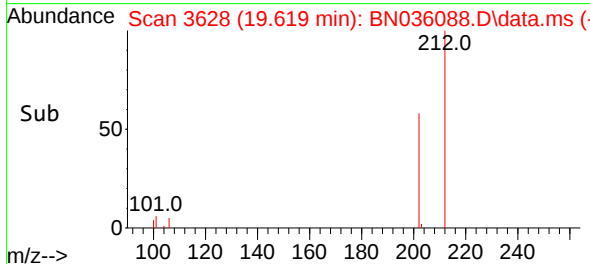
Instrument :
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Tgt Ion:202 Resp: 10064
Ion Ratio Lower Upper
202 100
101 34.6 9.3 13.9#
100 17.3 7.5 11.3#

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Supervised By :mohammad ahmed 02/04/2025



#22
Chrysene
Concen: 0.064 ng/u1
RT: 21.401 min Scan# 4125
Delta R.T. -0.006 min
Lab File: BN036088.D
Acq: 29 Jan 2025 00:29

Tgt Ion:228 Resp: 3804
Ion Ratio Lower Upper
228 100
226 78.8 24.4 36.6#
229 91.5 15.9 23.9#

