

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
 Data File : BN036075.D
 Acq On : 28 Jan 2025 16:04
 Operator : RC/JU
 Sample : Q1174-08DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2938DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/29/2025
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 28 16:32:54 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	2950	0.400	ng/ul	0.00
4) Naphthalene-d8	10.578	136	19813m	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.454	164	5621m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.195	188	7702	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.380	240	7002	0.400	ng/ul	# 0.00
23) Perylene-d12	23.684	264	7595	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	1403	0.434	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	1055m	0.042	ng/ul	0.00
18) Fluoranthene-d10	19.224	212	1488	0.077	ng/ul	0.00
Target Compounds						
					Qvalue	
8) 1-Methylnaphthalene	12.491	142	5337	0.155	ng/ul	99
10) Acenaphthylene	14.172	152	1176	0.044	ng/ul#	30
11) Acenaphthene	14.515	153	7229	0.371	ng/ul#	82
12) Fluorene	15.500	166	3684	0.171	ng/ul#	97
14) Pentachlorophenol	16.853	266	170	0.063	ng/ul#	79
15) Phenanthrene	17.237	178	9029	0.400	ng/ul#	93
16) Anthracene	17.326	178	2501	0.119	ng/ul#	43
19) Fluoranthene	19.252	202	2213	0.083	ng/ul#	73
20) Pyrene	19.615	202	1612m	0.058	ng/ul	

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

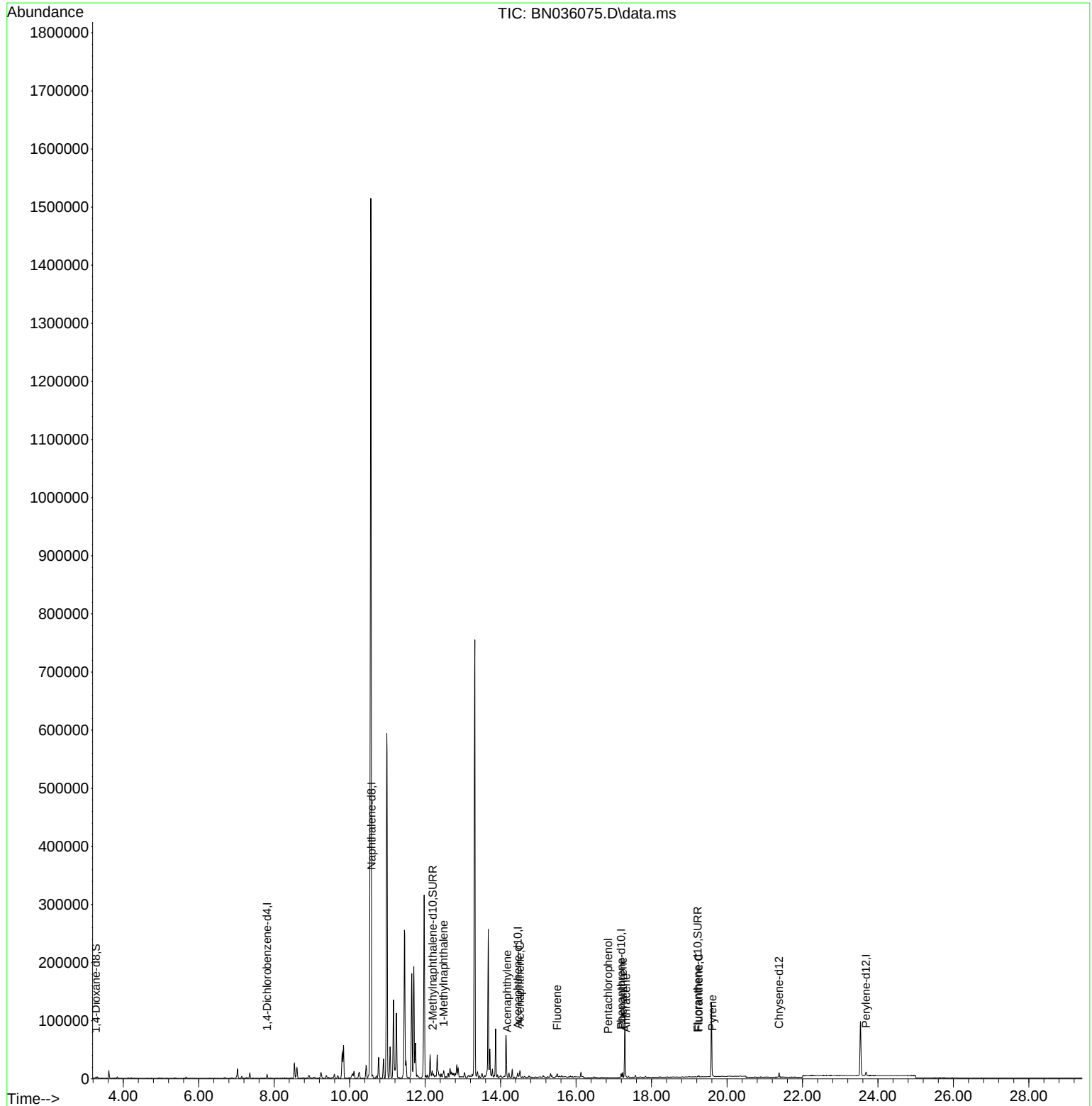
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036075.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

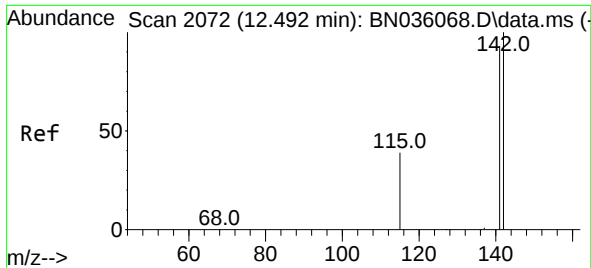
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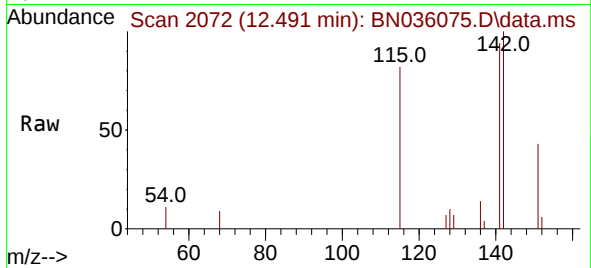
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration





#8
1-Methylnaphthalene
Concen: 0.155 ng/ul
RT: 12.491 min Scan# 2072
Delta R.T. -0.000 min
Lab File: BN036075.D
Acq: 28 Jan 2025 16:04

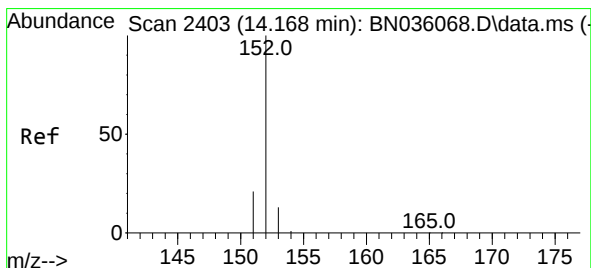
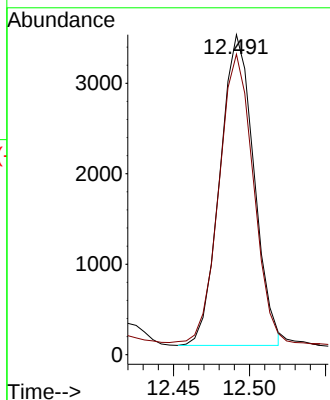
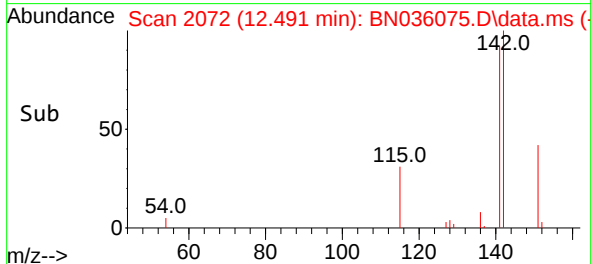
Instrument :
BNA_N
ClientSampleId :
E2938DL



Tgt Ion:142 Resp: 533
Ion Ratio Lower Upper
142 100
141 92.8 75.2 112.8

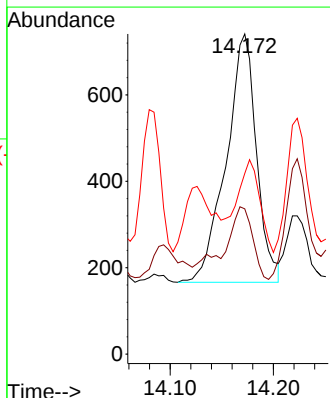
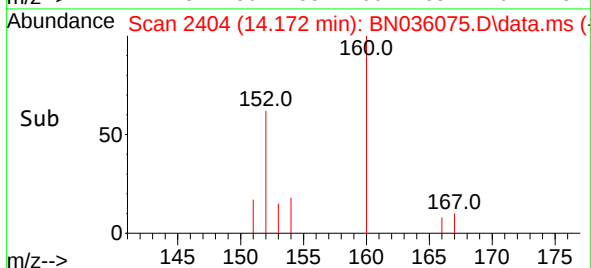
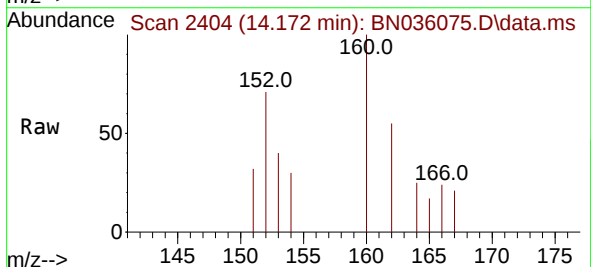
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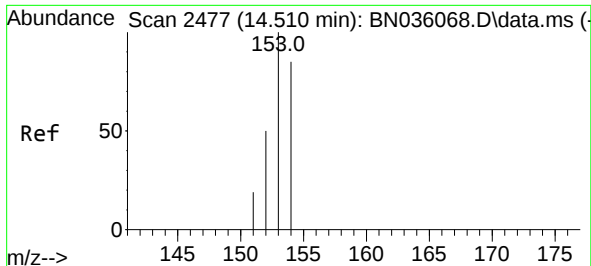
Reviewed By :Yogesh Patel 01/29/2025
Supervised By :mohammad ahmed 02/04/2025



#10
Acenaphthylene
Concen: 0.044 ng/ul
RT: 14.172 min Scan# 2404
Delta R.T. 0.005 min
Lab File: BN036075.D
Acq: 28 Jan 2025 16:04

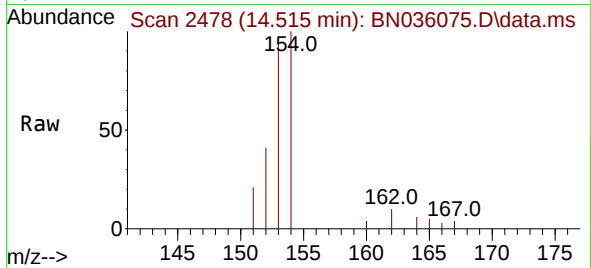
Tgt Ion:152 Resp: 1176
Ion Ratio Lower Upper
152 100
151 45.3 17.4 26.2#
153 56.4 11.9 17.9#





#11
Acenaphthene
Concen: 0.371 ng/ul
RT: 14.515 min Scan# 2477
Delta R.T. -0.000 min
Lab File: BN036075.D
Acq: 28 Jan 2025 16:04

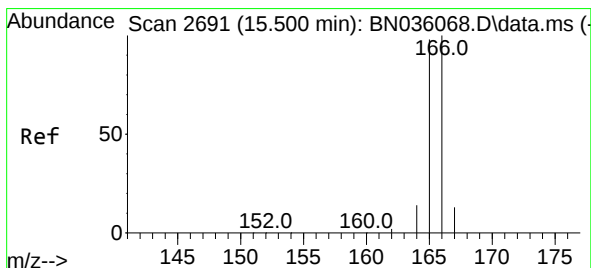
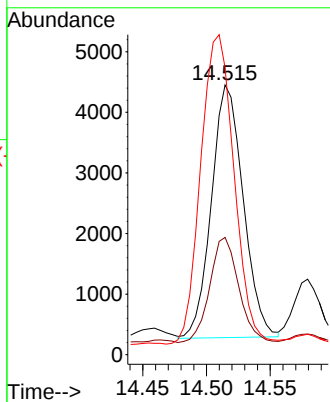
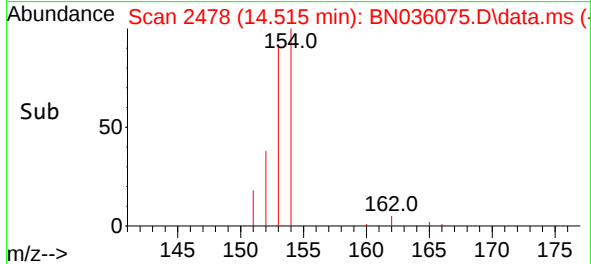
Instrument :
BNA_N
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E2938DL



Tgt Ion:153 Resp: 7229
Ion Ratio Lower Upper
153 100
152 43.5 43.2 64.8
154 106.4 70.5 105.7

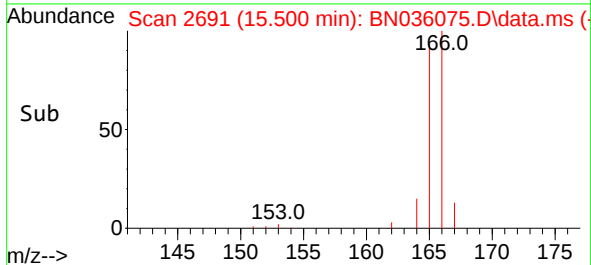
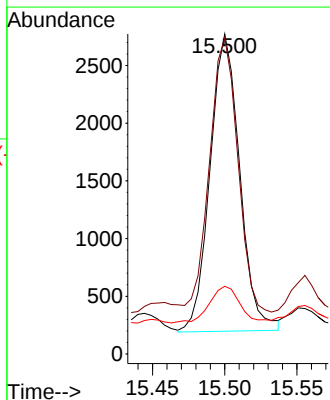
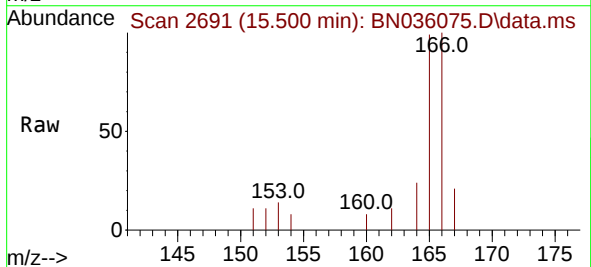
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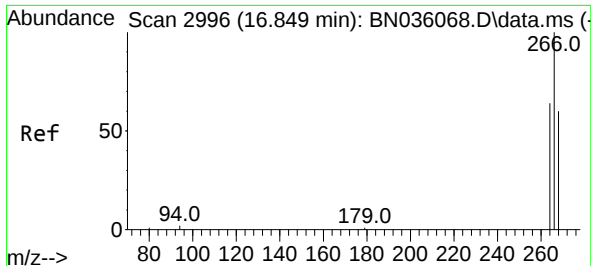
Reviewed By :Yogesh Patel 01/29/2025
Supervised By :mohammad ahmed 02/04/2025



#12
Fluorene
Concen: 0.171 ng/ul
RT: 15.500 min Scan# 2691
Delta R.T. -0.000 min
Lab File: BN036075.D
Acq: 28 Jan 2025 16:04

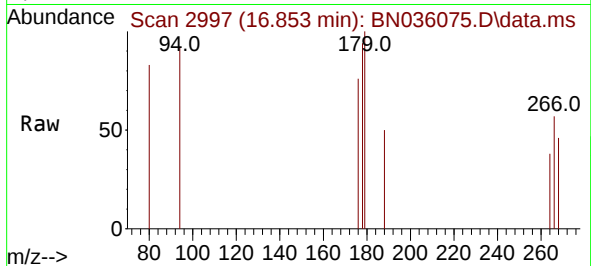
Tgt Ion:166 Resp: 3684
Ion Ratio Lower Upper
166 100
165 98.8 80.3 120.5
167 21.2 12.3 18.5





#14
Pentachlorophenol
Concen: 0.063 ng/u1
RT: 16.853 min Scan# 2996
Delta R.T. 0.013 min
Lab File: BN036075.D
Acq: 28 Jan 2025 16:04

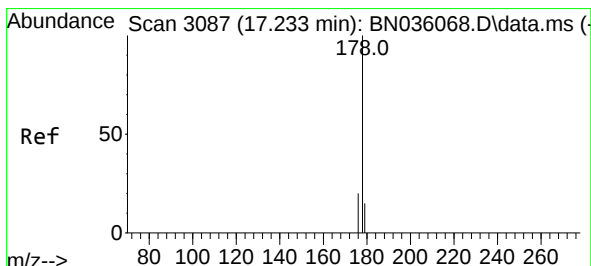
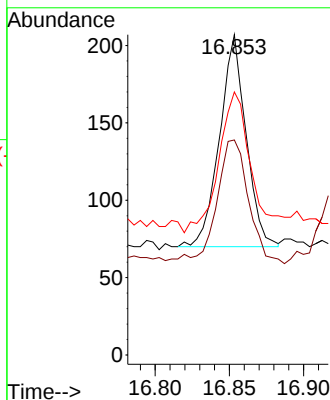
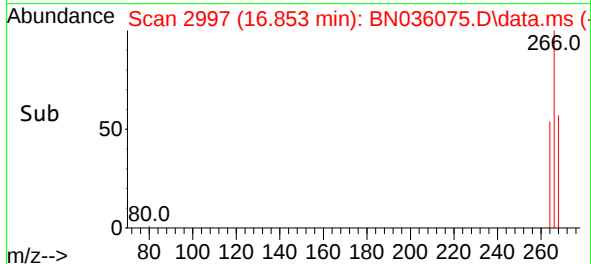
Instrument :
BNA_N
ClientSampleId :
E2938DL



Tgt Ion:266 Resp: 170
Ion Ratio Lower Upper
266 100
264 70.6 50.6 75.8
268 88.2 50.6 75.8

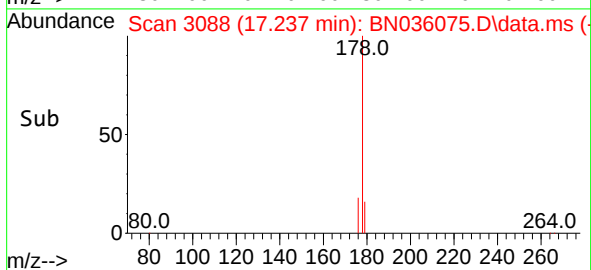
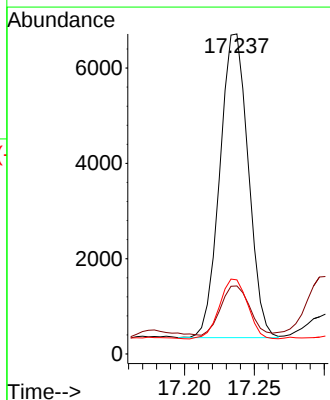
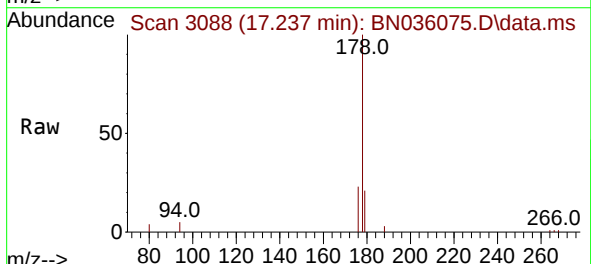
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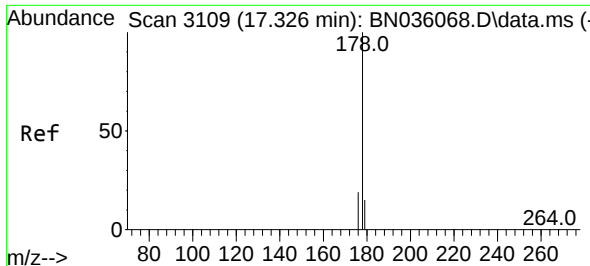
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#15
Phenanthrene
Concen: 0.400 ng/u1
RT: 17.237 min Scan# 3088
Delta R.T. 0.004 min
Lab File: BN036075.D
Acq: 28 Jan 2025 16:04

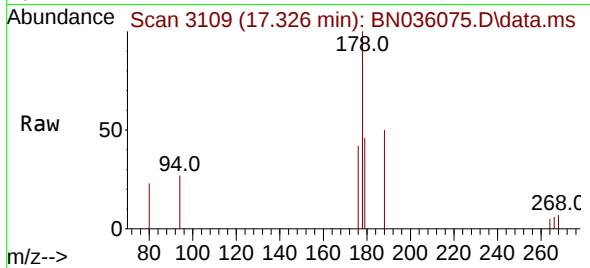
Tgt Ion:178 Resp: 9029
Ion Ratio Lower Upper
178 100
179 21.2 13.2 19.8#
176 23.2 16.8 25.2





#16
 Anthracene
 Concen: 0.119 ng/ul
 RT: 17.326 min Scan# 3109
 Delta R.T. 0.004 min
 Lab File: BN036075.D
 Acq: 28 Jan 2025 16:04

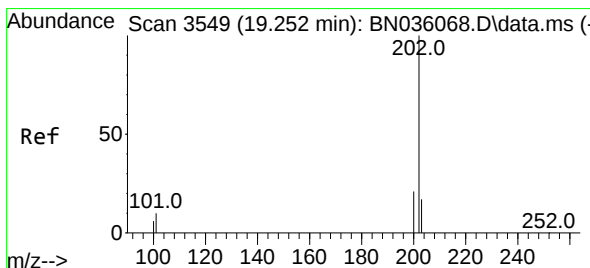
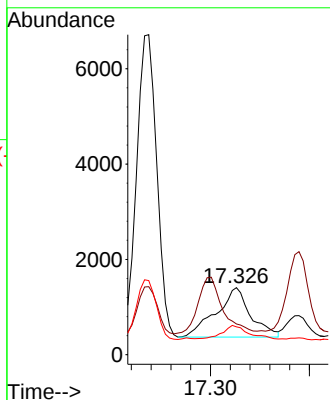
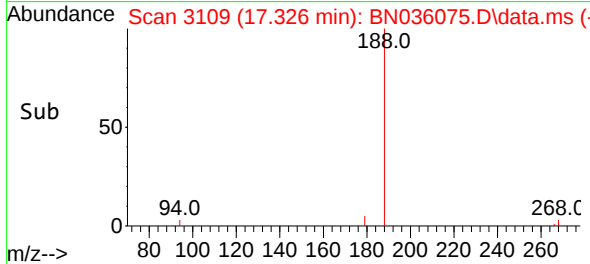
Instrument :
 BNA_N
 ClientSampleId :
 E2938DL



Tgt Ion:178 Resp: 2500
 Ion Ratio Lower Upper
 178 100
 179 45.8 13.0 19.4#
 176 41.7 15.9 23.9#

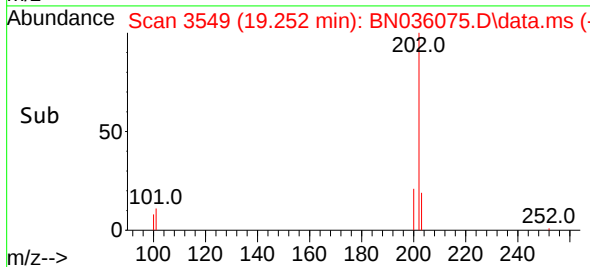
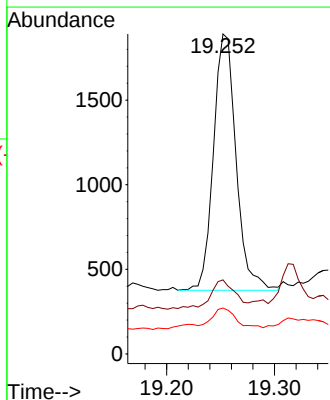
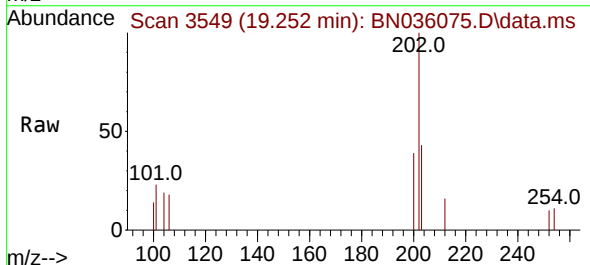
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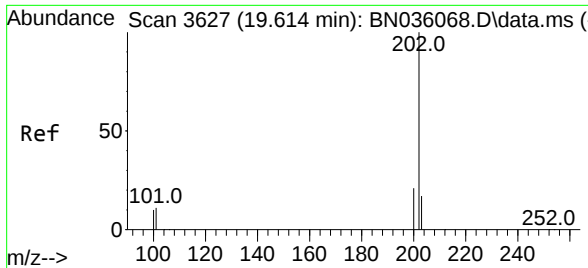
Reviewed By :Yogesh Patel 01/29/2025
 Supervised By :mohammad ahmed 02/04/2025



#19
 Fluoranthene
 Concen: 0.083 ng/ul
 RT: 19.252 min Scan# 3549
 Delta R.T. 0.005 min
 Lab File: BN036075.D
 Acq: 28 Jan 2025 16:04

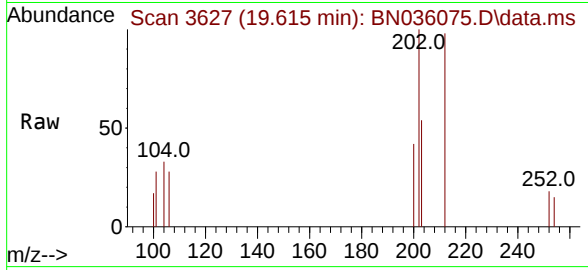
Tgt Ion:202 Resp: 2213
 Ion Ratio Lower Upper
 202 100
 101 23.2 8.4 12.6#
 100 14.3 6.5 9.7#





#20
Pyrene
Concen: 0.058 ng/ul m
RT: 19.615 min Scan# 30
Delta R.T. 0.005 min
Lab File: BN036075.D
Acq: 28 Jan 2025 16:04

Instrument :
BNA_N
ClientSampleId :
E2938DL



Tgt Ion:202 Resp: 161

Ion	Ratio	Lower	Upper
202	100		
101	28.3	9.3	13.9
100	17.1	7.5	11.3

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