

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
 Data File : BN036076.D
 Acq On : 28 Jan 2025 16:40
 Operator : RC/JU
 Sample : Q1174-09DL 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2939DL

Manual Integrations
 APPROVED

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

Quant Time: Jan 28 17:06:09 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	2853	0.400	ng/ul	0.00
4) Naphthalene-d8	10.600	136	8209m	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.450	164	8563	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.195	188	8601	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.381	240	9417	0.400	ng/ul	# 0.00
23) Perylene-d12	23.684	264	8996	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	3044	0.974	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	2036	0.196	ng/ul	0.00
18) Fluoranthene-d10	19.225	212	3566	0.138	ng/ul	0.00
Target Compounds						
					Qvalue	
8) 1-Methylnaphthalene	12.497	142	6727	0.472	ng/ul	98
10) Acenaphthylene	14.177	152	2677	0.066	ng/ul#	19
11) Acenaphthene	14.519	153	15281	0.514	ng/ul#	88
12) Fluorene	15.500	166	7733	0.236	ng/ul#	95
14) Pentachlorophenol	16.854	266	423	0.140	ng/ul	98
15) Phenanthrene	17.238	178	20180	0.801	ng/ul#	94
19) Fluoranthene	19.252	202	5620	0.157	ng/ul#	79
20) Pyrene	19.615	202	3593m	0.096	ng/ul	

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

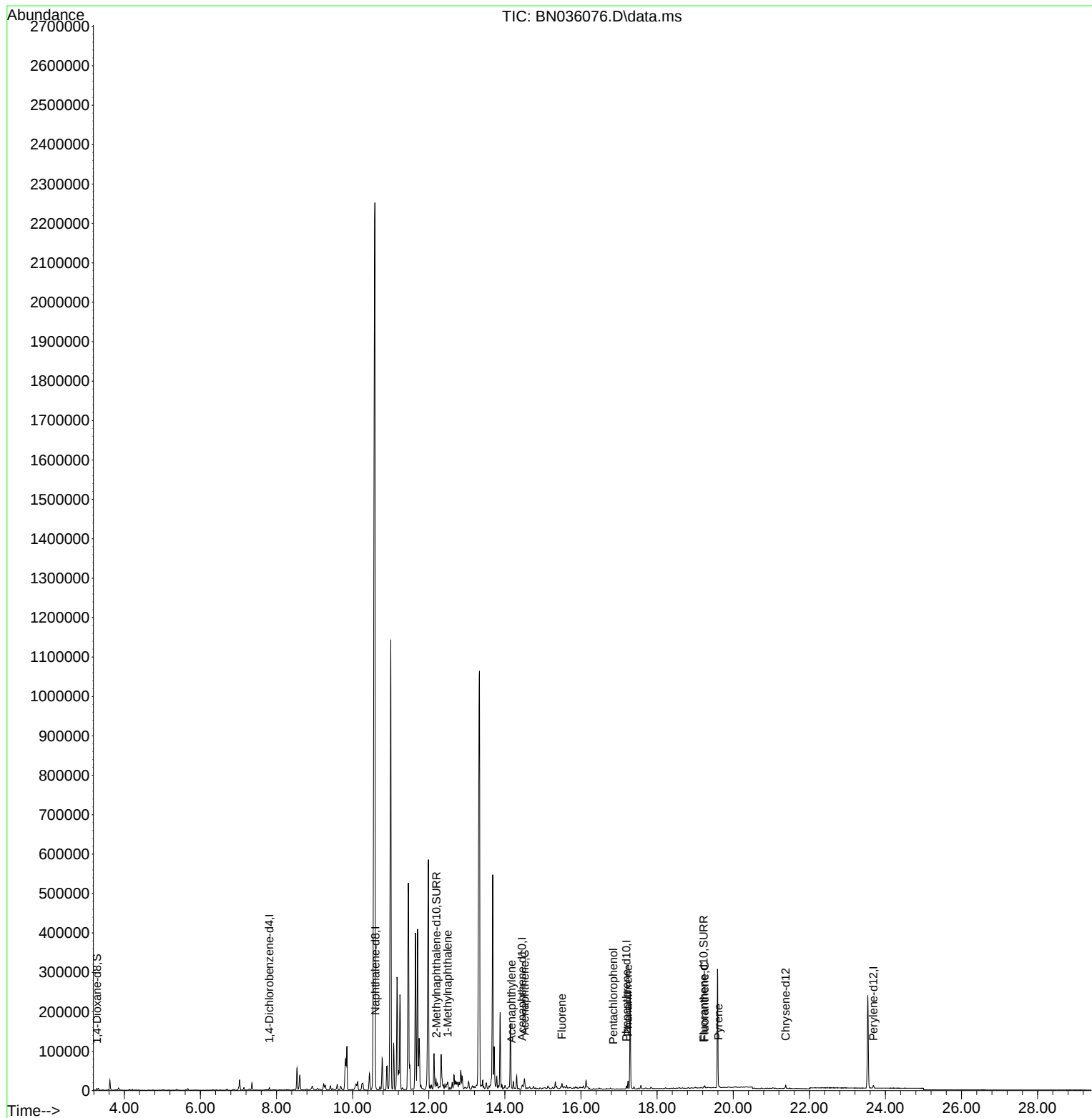
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
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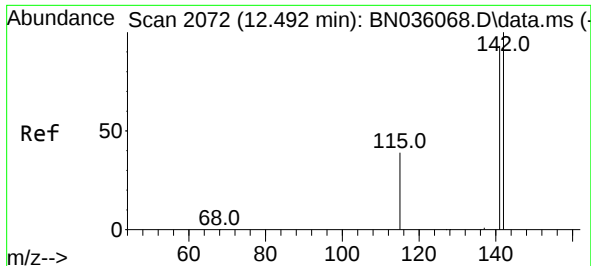
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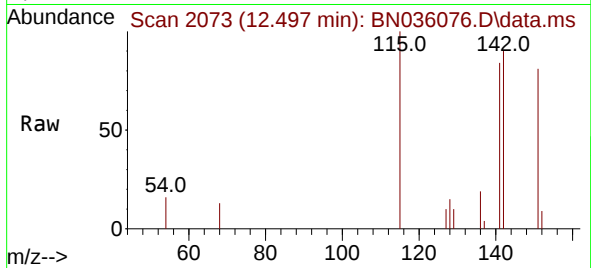
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration





#8
1-Methylnaphthalene
Concen: 0.472 ng/ul
RT: 12.497 min Scan# 2072
Delta R.T. 0.006 min
Lab File: BN036076.D
Acq: 28 Jan 2025 16:40

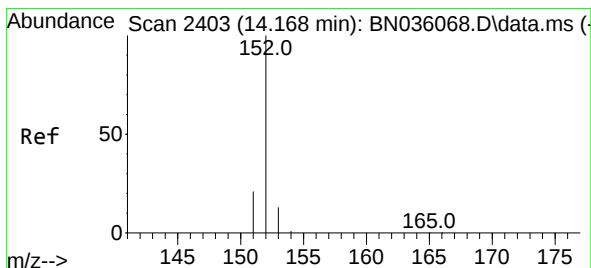
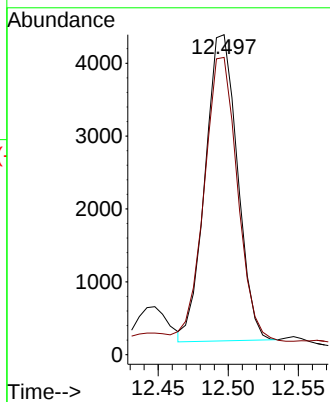
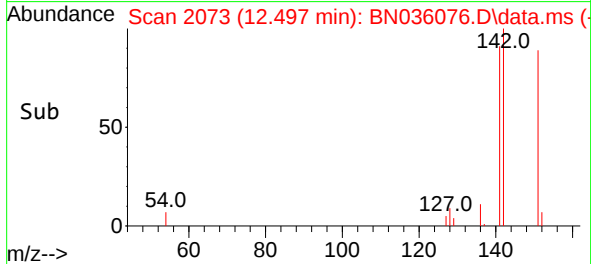
Instrument :
BNA_N
ClientSampleId :
E2939DL



Tgt Ion:142 Resp: 672
Ion Ratio Lower Upper
142 100
141 96.3 75.2 112.8

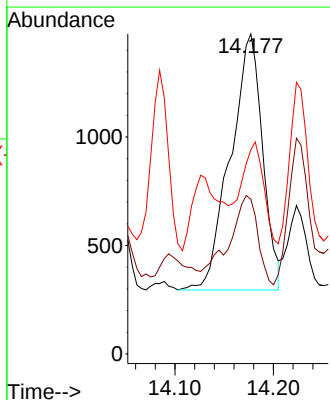
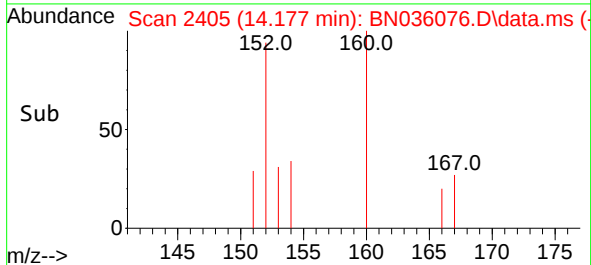
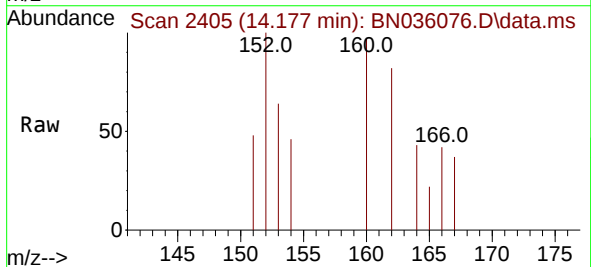
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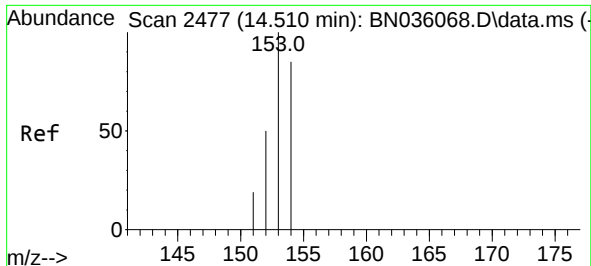
Reviewed By :Yogesh Patel 01/29/2025
Supervised By :mohammad ahmed 02/04/2025



#10
Acenaphthylene
Concen: 0.066 ng/ul
RT: 14.177 min Scan# 2405
Delta R.T. 0.009 min
Lab File: BN036076.D
Acq: 28 Jan 2025 16:40

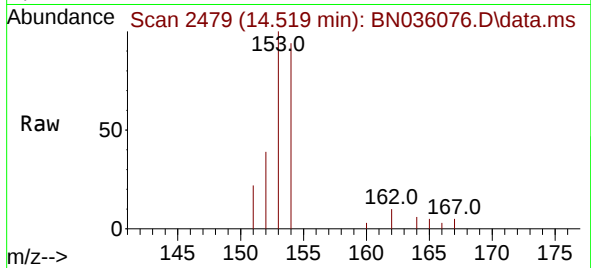
Tgt Ion:152 Resp: 2677
Ion Ratio Lower Upper
152 100
151 48.3 17.4 26.2#
153 63.8 11.9 17.9#





#11
Acenaphthene
Concen: 0.514 ng/ul
RT: 14.519 min Scan# 2479
Delta R.T. 0.005 min
Lab File: BN036076.D
Acq: 28 Jan 2025 16:40

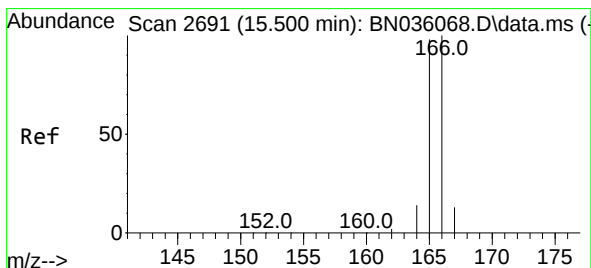
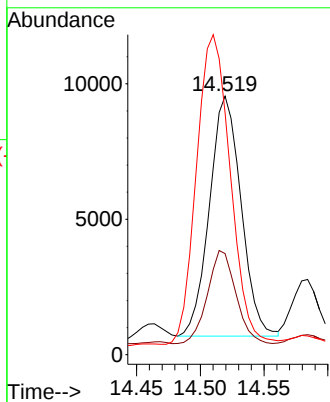
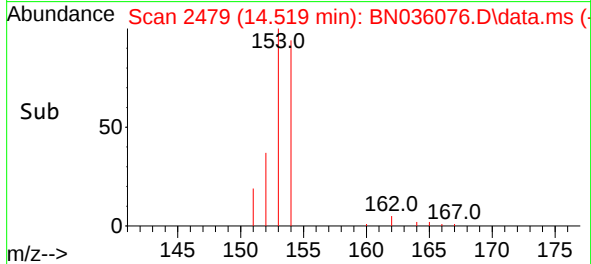
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Tgt Ion:153 Resp: 1528
Ion Ratio Lower Upper
153 100
152 39.1 43.2 64.8
154 93.5 70.5 105.7

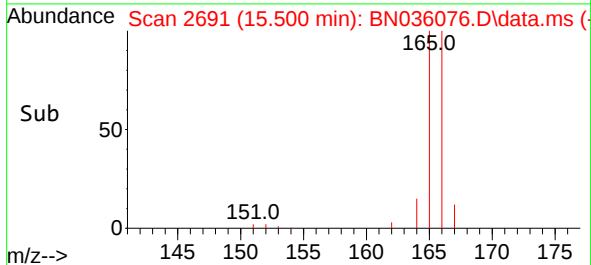
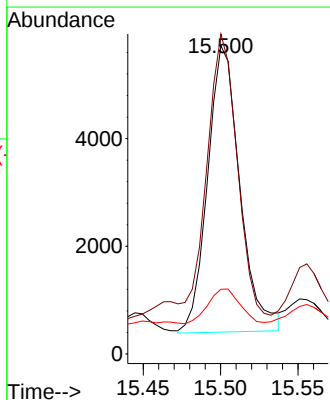
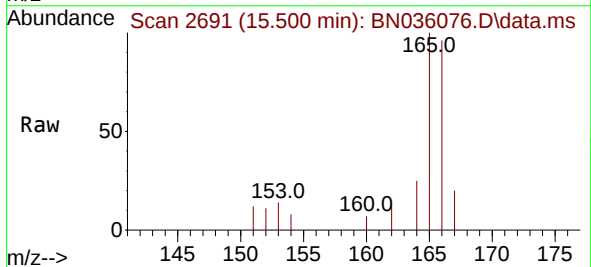
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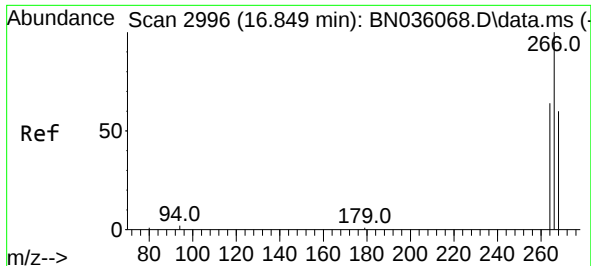
Reviewed By :Yogesh Patel 01/29/2025
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#12
Fluorene
Concen: 0.236 ng/ul
RT: 15.500 min Scan# 2691
Delta R.T. 0.000 min
Lab File: BN036076.D
Acq: 28 Jan 2025 16:40

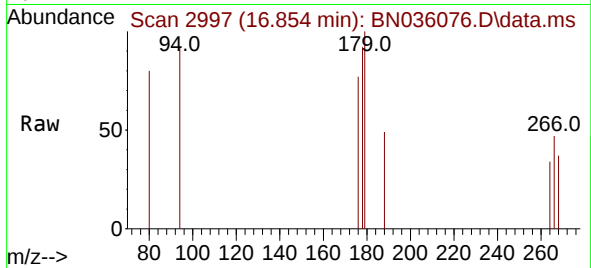
Tgt Ion:166 Resp: 7733
Ion Ratio Lower Upper
166 100
165 103.8 80.3 120.5
167 21.0 12.3 18.5





#14
Pentachlorophenol
Concen: 0.140 ng/ul
RT: 16.854 min Scan# 2996
Delta R.T. 0.013 min
Lab File: BN036076.D
Acq: 28 Jan 2025 16:40

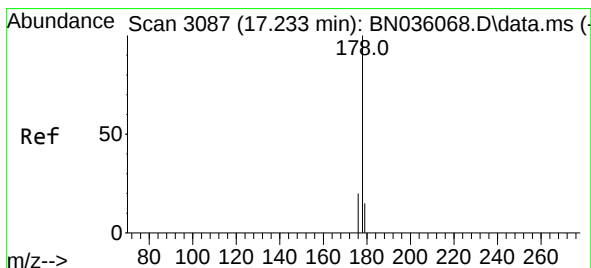
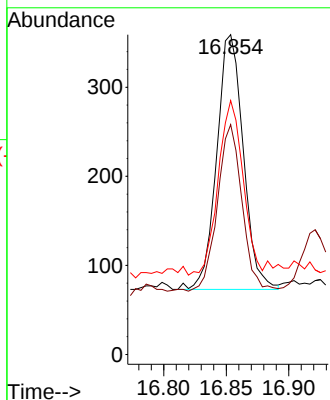
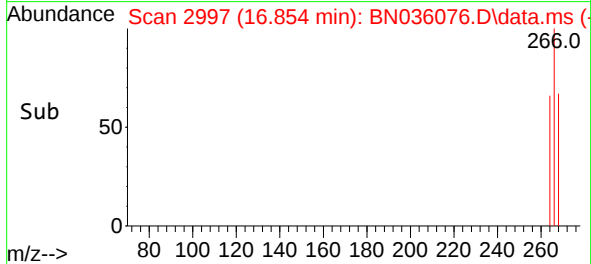
Instrument :
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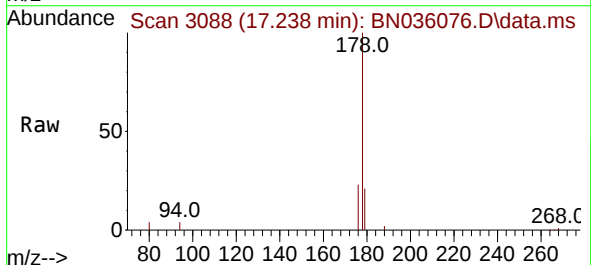
Tgt Ion:266 Resp: 42.0
Ion Ratio Lower Upper
266 100
264 60.5 50.6 75.8
268 63.8 50.6 75.8

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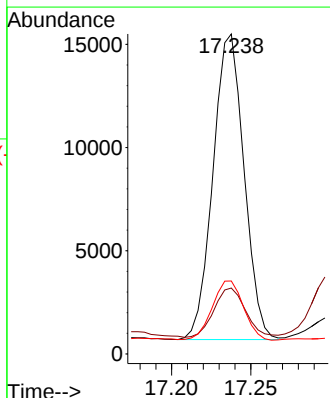
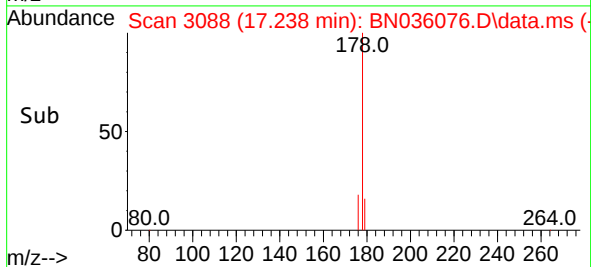
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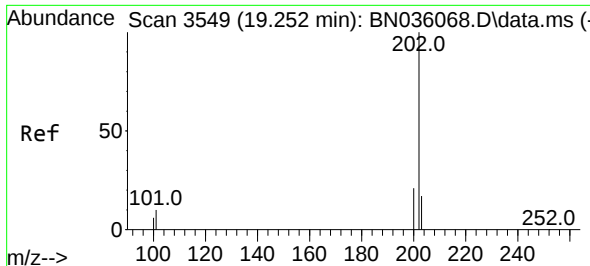


#15
Phenanthrene
Concen: 0.801 ng/ul
RT: 17.238 min Scan# 3088
Delta R.T. 0.004 min
Lab File: BN036076.D
Acq: 28 Jan 2025 16:40



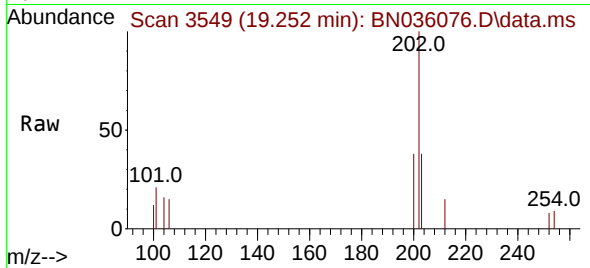
Tgt Ion:178 Resp: 20180
Ion Ratio Lower Upper
178 100
179 20.6 13.2 19.8#
176 22.8 16.8 25.2





#19
Fluoranthene
Concen: 0.157 ng/ul
RT: 19.252 min Scan# 3549
Delta R.T. 0.005 min
Lab File: BN036076.D
Acq: 28 Jan 2025 16:40

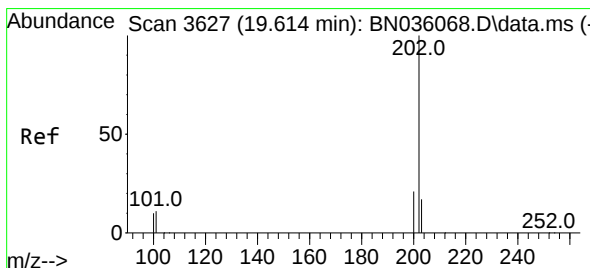
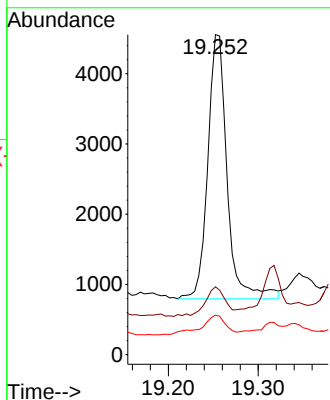
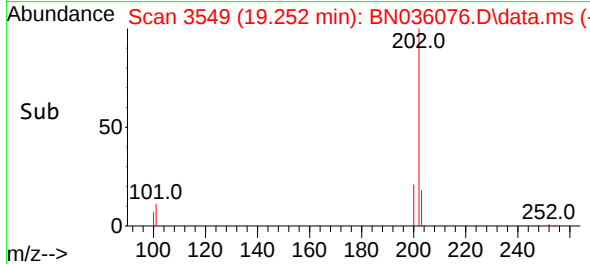
Instrument :
BNA_N
ClientSampleId :
E2939DL



Tgt Ion:202 Resp: 5620
Ion Ratio Lower Upper
202 100
101 21.2 8.4 12.6#
100 12.4 6.5 9.7#

Manual Integrations
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Supervised By :mohammad ahmed 02/04/2025



#20
Pyrene
Concen: 0.096 ng/ul m
RT: 19.615 min Scan# 3627
Delta R.T. 0.005 min
Lab File: BN036076.D
Acq: 28 Jan 2025 16:40

Tgt Ion:202 Resp: 3593
Ion Ratio Lower Upper
202 100
101 26.5 9.3 13.9#
100 15.7 7.5 11.3#

