

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
 Data File : BN032901.D
 Acq On : 22 Jul 2024 19:47
 Operator : MA/JU
 Sample : P3215-20
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CJ5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/23/2024

Quant Time: Jul 23 01:35:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	4412	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.288	136	15314	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.174	164	9232	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.931	188	16859m	0.400	ng/ul	-0.03
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.16
23) Perylene-d12	0.000	264	0	0.000	ng/ul	-23.36
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	12716	2.400	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.894	152	4098	0.177	ng/ul	-0.03
18) Fluoranthene-d10	0.000	212	0	0.000	ng/ul	
Target Compounds						Qvalue
5) Naphthalene	10.338	128	6303	0.153	ng/ul	98
7) 2-Methylnaphthalene	11.971	142	2025	0.079	ng/ul	97
8) 1-Methylnaphthalene	12.196	142	1419	0.053	ng/ul	99
10) Acenaphthylene	13.892	152	10689	0.287	ng/ul	98
11) Acenaphthene	14.234	153	5709	0.185	ng/ul	99
12) Fluorene	15.234	166	9396	0.266	ng/ul	99
15) Phenanthrene	16.974	178	236919m	5.160	ng/ul	
16) Anthracene	17.067	178	37503m	1.000	ng/ul	

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

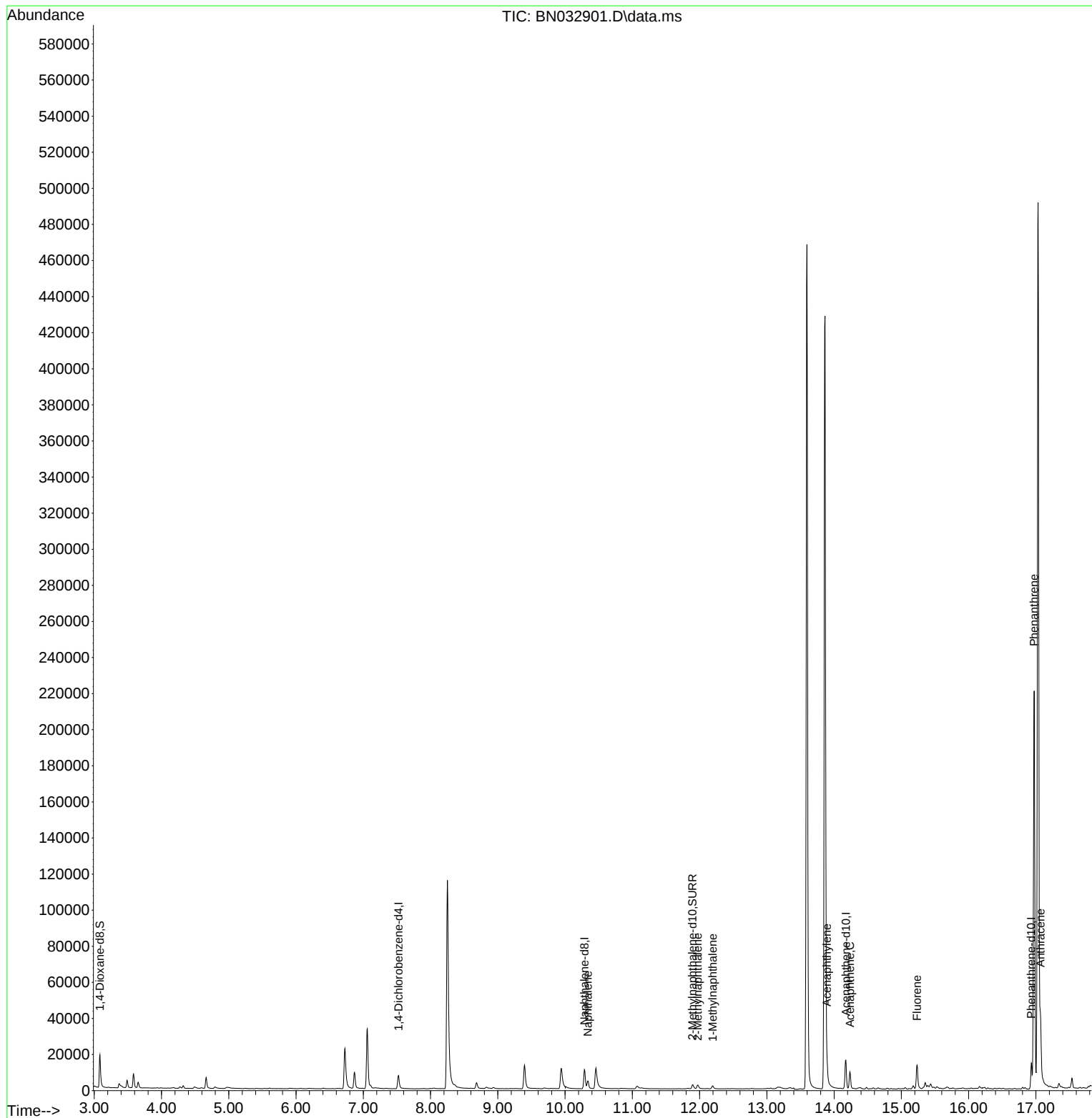
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032901.D
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ALS Vial : 16 Sample Multiplier: 1

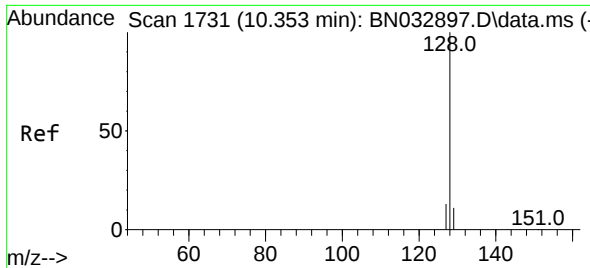
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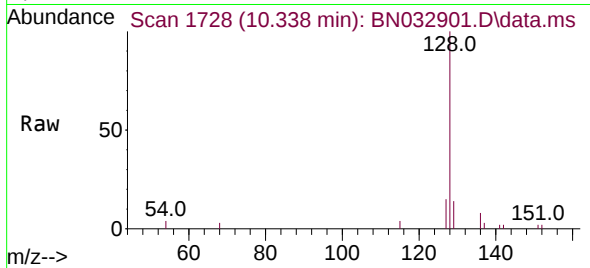
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.153 ng/ul
RT: 10.338 min Scan# 1731
Delta R.T. -0.026 min
Lab File: BN032901.D
Acq: 22 Jul 2024 19:47

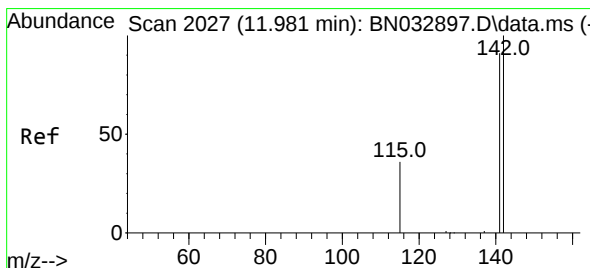
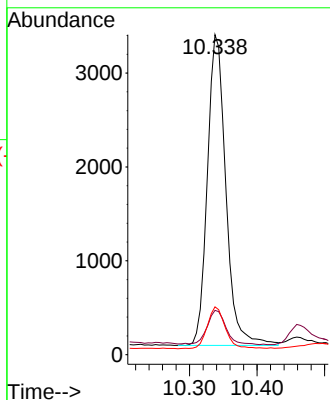
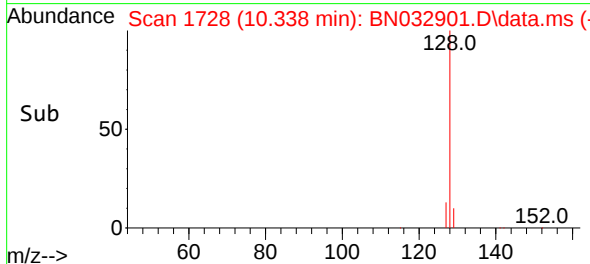
Instrument :
BNA_N
ClientSampleId :
A4CJ5



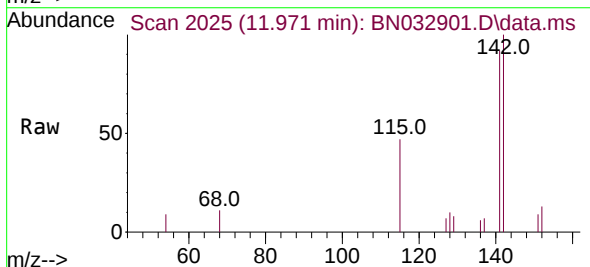
Tgt Ion:128 Resp: 630
Ion Ratio Lower Upper
128 100
129 13.9 10.0 15.0
127 15.0 11.6 17.4

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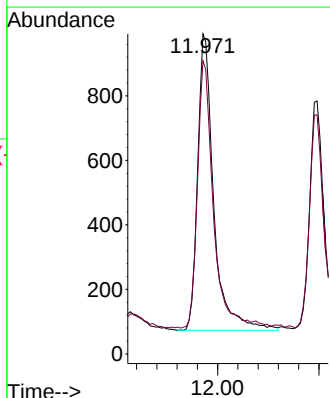
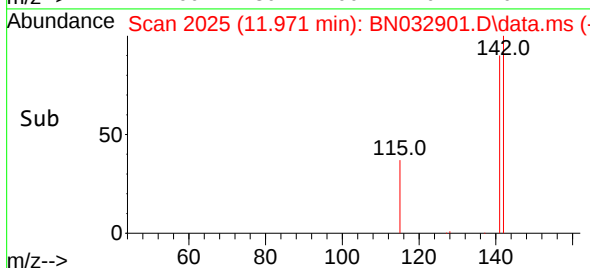
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

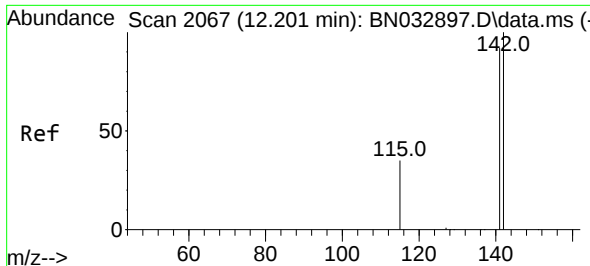


#7
2-Methylnaphthalene
Concen: 0.079 ng/ul
RT: 11.971 min Scan# 2025
Delta R.T. -0.026 min
Lab File: BN032901.D
Acq: 22 Jul 2024 19:47



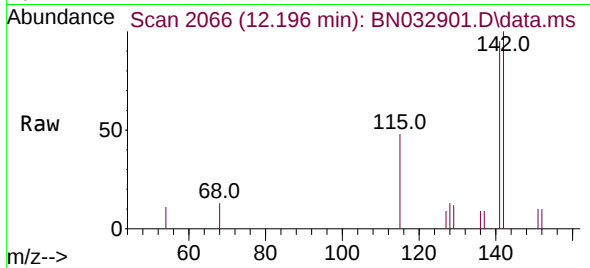
Tgt Ion:142 Resp: 2025
Ion Ratio Lower Upper
142 100
141 89.5 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 12.196 min Scan# 2066
Delta R.T. -0.015 min
Lab File: BN032901.D
Acq: 22 Jul 2024 19:47

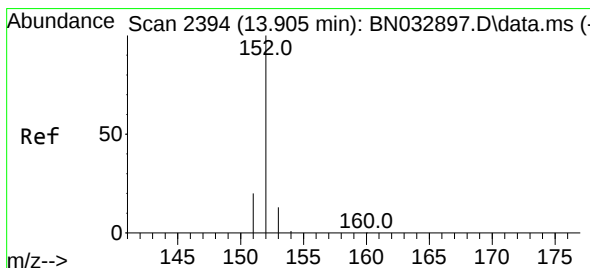
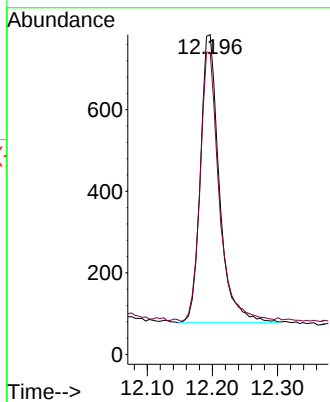
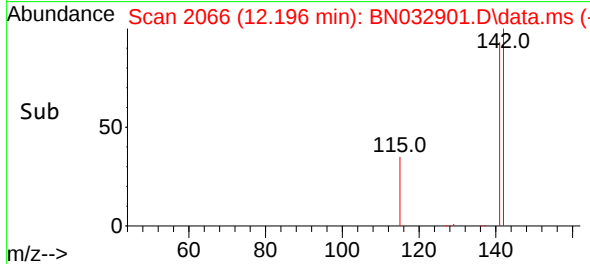
Instrument :
BNA_N
ClientSampleId :
A4CJ5



Tgt Ion:142 Resp: 1419
Ion Ratio Lower Upper
142 100
141 95.1 75.0 112.4

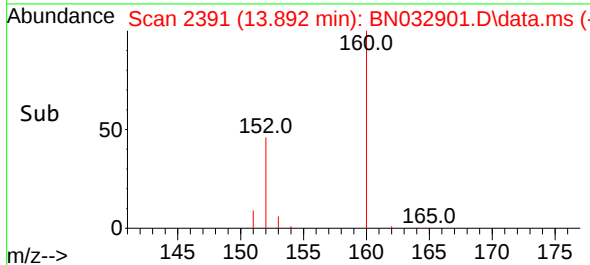
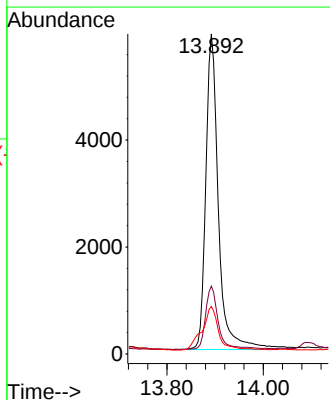
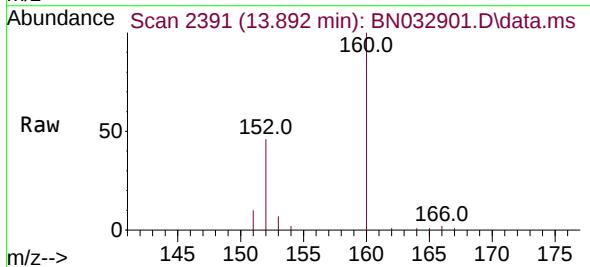
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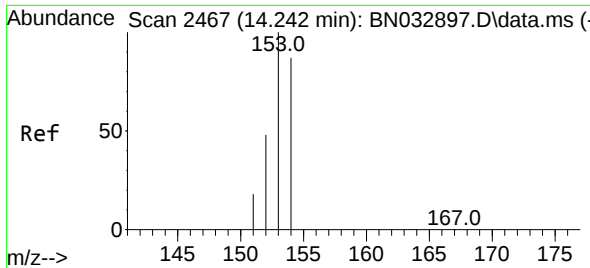
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#10
Acenaphthylene
Concen: 0.287 ng/ul
RT: 13.892 min Scan# 2391
Delta R.T. -0.022 min
Lab File: BN032901.D
Acq: 22 Jul 2024 19:47

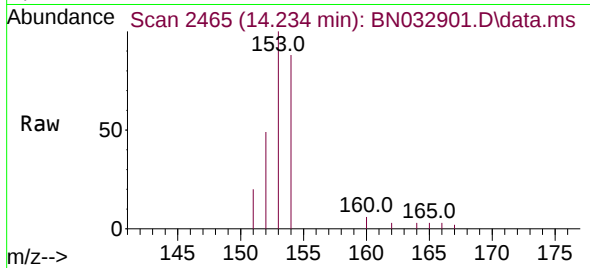
Tgt Ion:152 Resp: 10689
Ion Ratio Lower Upper
152 100
151 21.2 16.3 24.5
153 14.8 11.3 16.9





#11
Acenaphthene
Concen: 0.185 ng/ul
RT: 14.234 min Scan# 2465
Delta R.T. -0.017 min
Lab File: BN032901.D
Acq: 22 Jul 2024 19:47

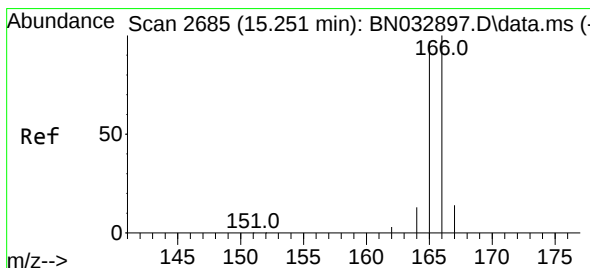
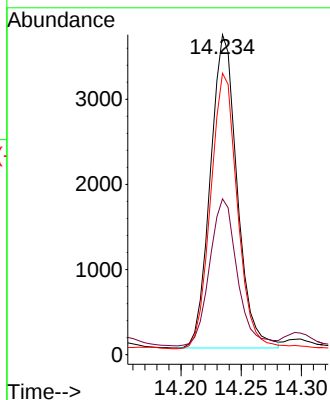
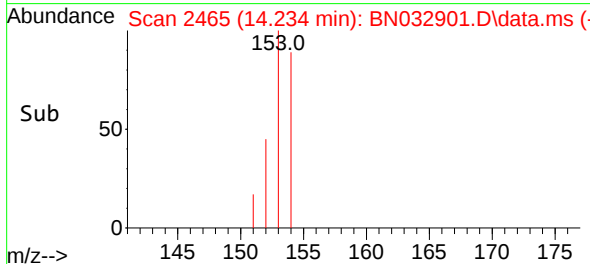
Instrument :
BNA_N
ClientSampleId :
A4CJ5



Tgt Ion:153 Resp: 5709
Ion Ratio Lower Upper
153 100
152 48.7 40.0 60.0
154 88.0 70.2 105.4

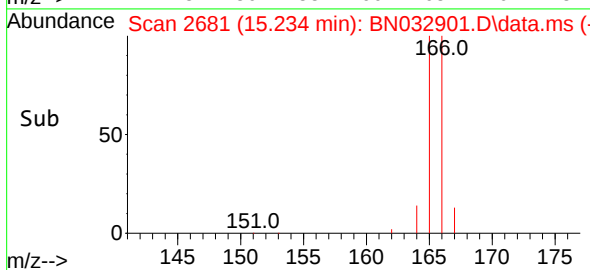
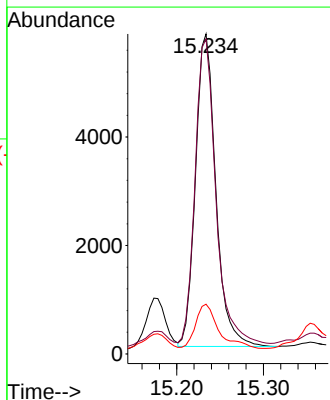
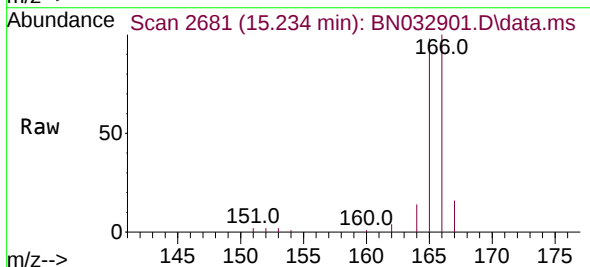
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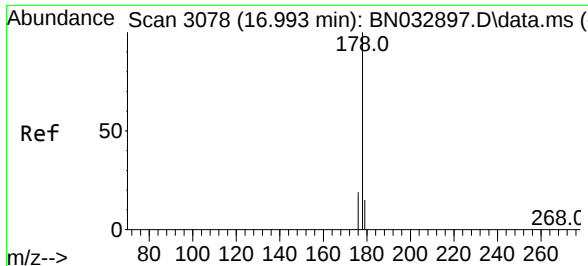
Reviewed By :Yogesh Patel 07/23/2024
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#12
Fluorene
Concen: 0.266 ng/ul
RT: 15.234 min Scan# 2681
Delta R.T. -0.026 min
Lab File: BN032901.D
Acq: 22 Jul 2024 19:47

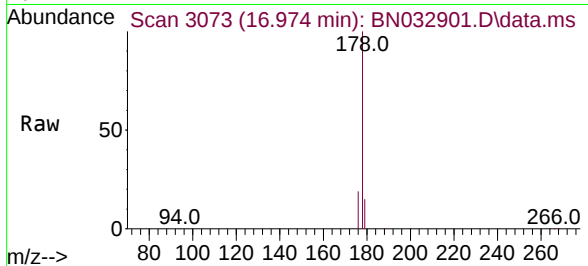
Tgt Ion:166 Resp: 9396
Ion Ratio Lower Upper
166 100
165 98.4 79.7 119.5
167 15.6 11.4 17.2





#15
 Phenanthrene
 Concen: 5.160 ng/ul m
 RT: 16.974 min Scan# 3073
 Delta R.T. -0.028 min
 Lab File: BN032901.D
 Acq: 22 Jul 2024 19:47

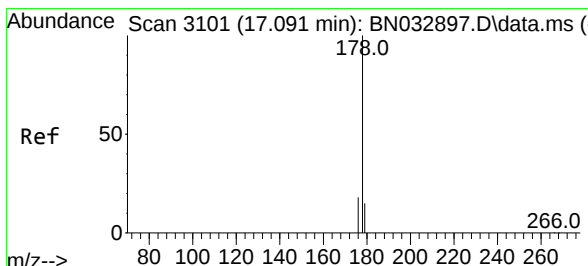
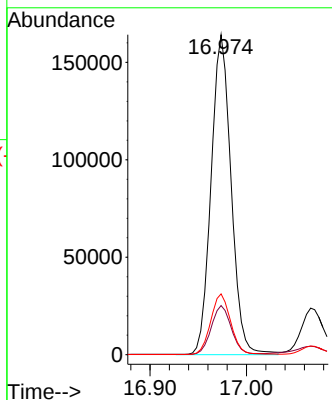
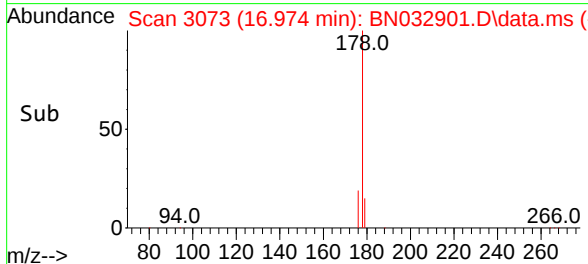
Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:178 Resp: 236919
 Ion Ratio Lower Upper
 178 100
 179 15.4 13.0 19.4
 176 19.0 15.6 23.4

Manual Integrations
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 Supervised By :mohammad ahmed 07/23/2024



#16
 Anthracene
 Concen: 1.000 ng/ul m
 RT: 17.067 min Scan# 3095
 Delta R.T. -0.032 min
 Lab File: BN032901.D
 Acq: 22 Jul 2024 19:47

Tgt Ion:178 Resp: 37503
 Ion Ratio Lower Upper
 178 100
 179 18.3 13.4 20.2
 176 18.7 15.4 23.0

