

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
 Data File : BN035554.D
 Acq On : 11 Dec 2024 05:18
 Operator : RC/JU
 Sample : P5066-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28M0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/12/2024
 Supervised By :mohammad ahmed 12/12/2024

Quant Time: Dec 11 05:42:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 10 16:10:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.292	152	3471	0.400	ng/ul	0.00
4) Naphthalene-d8	10.035	136	9779	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	13.947	164	6054	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.716	188	10230	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.965	240	6662	0.400	ng/ul	# 0.00
23) Perylene-d12	23.067	264	7108m	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.963	96	9873	3.112	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.641	152	3256	0.227	ng/ul	0.00
18) Fluoranthene-d10	18.770	212	5873	0.320	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.084	128	10084	0.409	ng/ul	99
7) 2-Methylnaphthalene	11.712	142	28652	1.677	ng/ul	97
8) 1-Methylnaphthalene	11.937	142	25354	1.470	ng/ul	98
10) Acenaphthylene	13.669	152	2703	0.113	ng/ul#	1
11) Acenaphthene	14.012	153	3514	0.191	ng/ul	93
12) Fluorene	15.016	166	13817	0.641	ng/ul#	90
15) Phenanthrene	16.758	178	160987	5.953	ng/ul	98
16) Anthracene	16.846	178	20675	0.824	ng/ul#	87
19) Fluoranthene	18.798	202	69236	2.985	ng/ul#	93
20) Pyrene	19.166	202	69732	2.889	ng/ul#	93
21) Benzo(a)anthracene	20.951	228	5780	0.250	ng/ul#	27
22) Chrysene	20.983	228	25235	1.085	ng/ul#	69

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

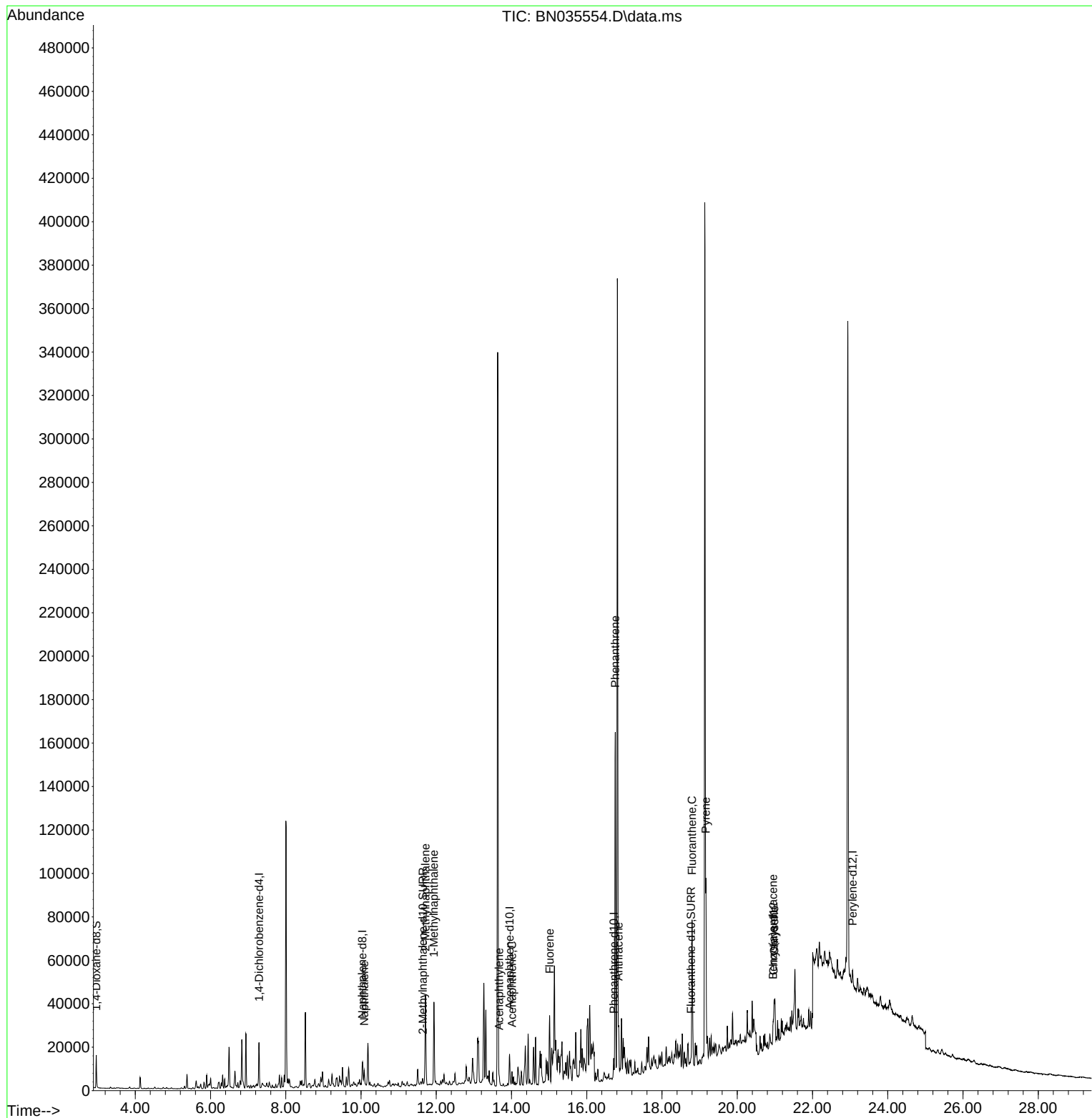
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035554.D
Acq On : 11 Dec 2024 05:18
Operator : RC/JU
Sample : P5066-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

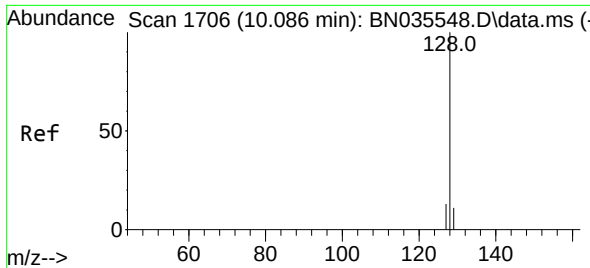
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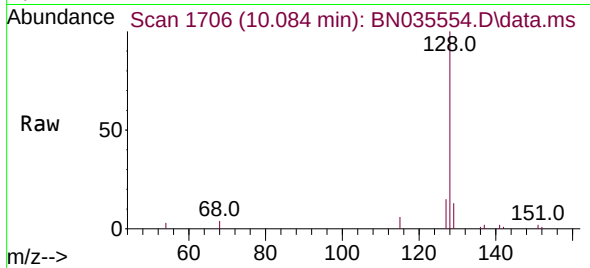
Quant Time: Dec 11 05:42:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 0.409 ng/ul
RT: 10.084 min Scan# 1706
Delta R.T. -0.002 min
Lab File: BN035554.D
Acq: 11 Dec 2024 05:18

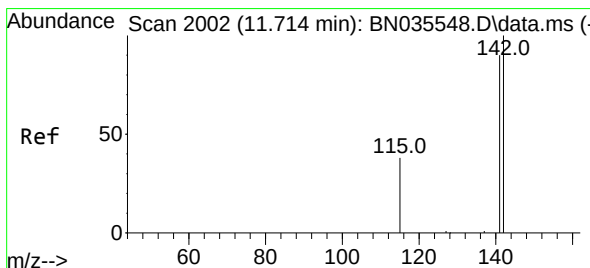
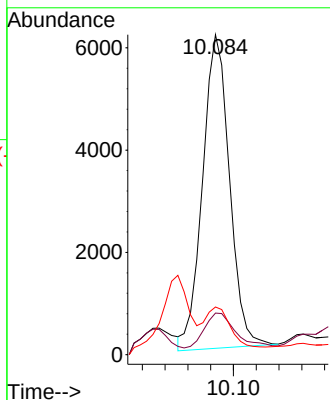
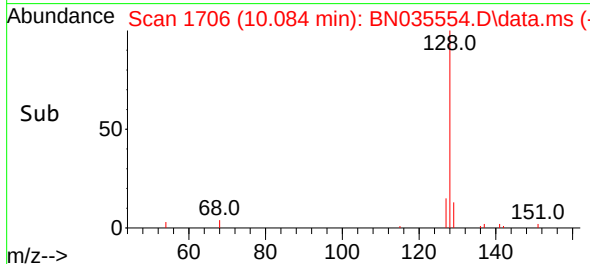
Instrument :
BNA_N
ClientSampleId :
E28M0



Tgt Ion:128 Resp: 10084
Ion Ratio Lower Upper
128 100
129 13.0 9.9 14.9
127 14.9 11.4 17.2

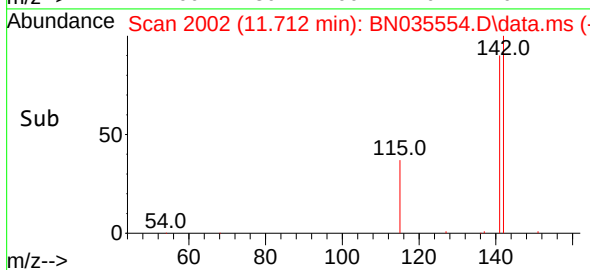
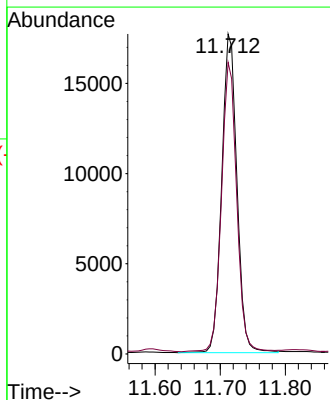
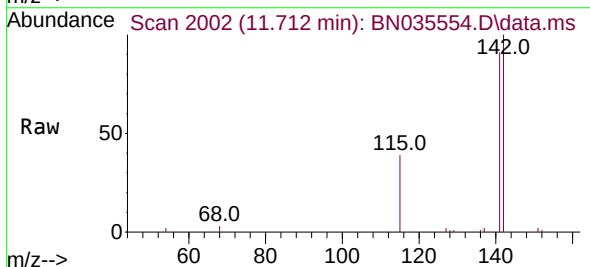
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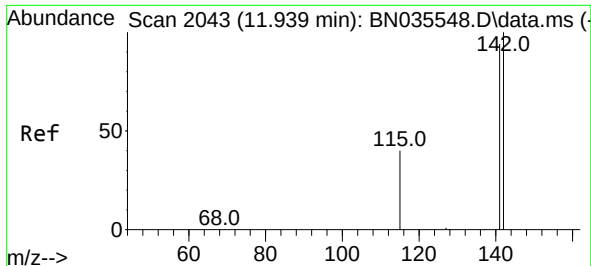
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#7
2-Methylnaphthalene
Concen: 1.677 ng/ul
RT: 11.712 min Scan# 2002
Delta R.T. -0.002 min
Lab File: BN035554.D
Acq: 11 Dec 2024 05:18

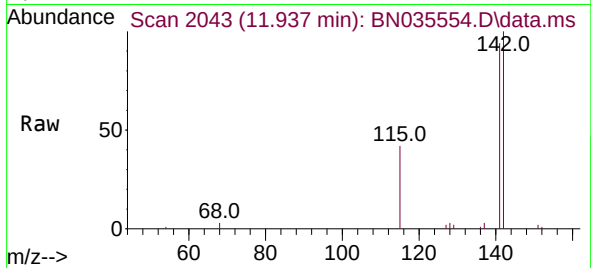
Tgt Ion:142 Resp: 28652
Ion Ratio Lower Upper
142 100
141 91.0 70.4 105.6





#8
1-Methylnaphthalene
Concen: 1.470 ng/ul
RT: 11.937 min Scan# 2043
Delta R.T. -0.007 min
Lab File: BN035554.D
Acq: 11 Dec 2024 05:18

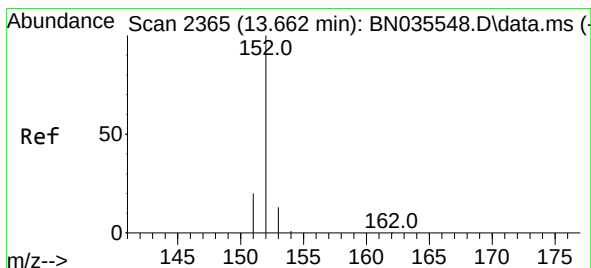
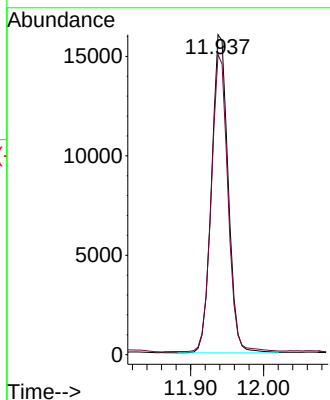
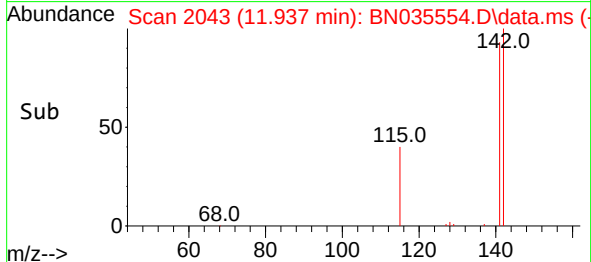
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 25354
Ion Ratio Lower Upper
142 100
141 93.0 73.1 109.7

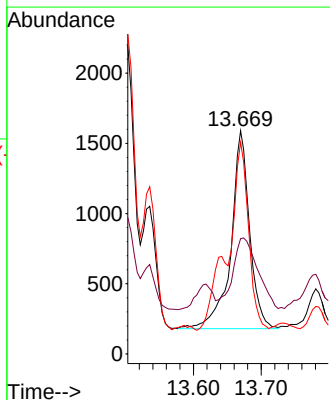
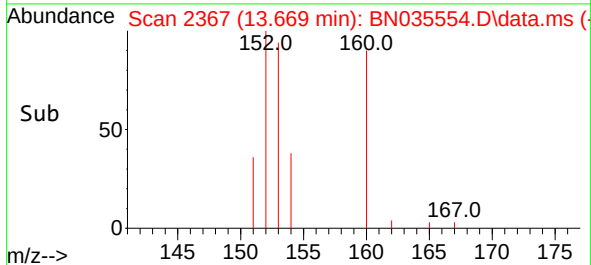
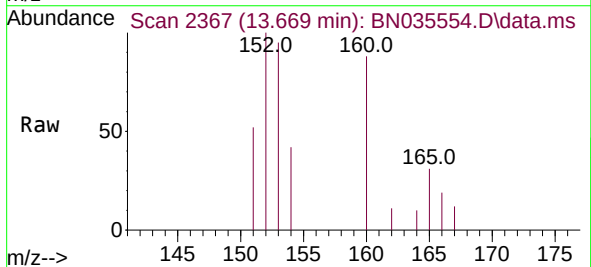
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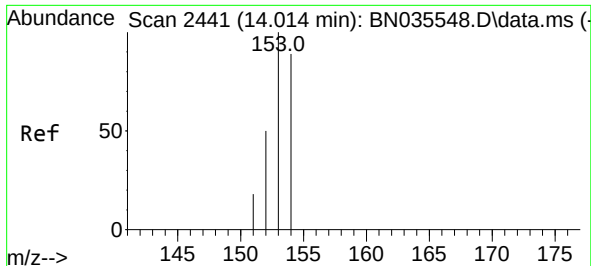
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#10
Acenaphthylene
Concen: 0.113 ng/ul
RT: 13.669 min Scan# 2367
Delta R.T. 0.008 min
Lab File: BN035554.D
Acq: 11 Dec 2024 05:18

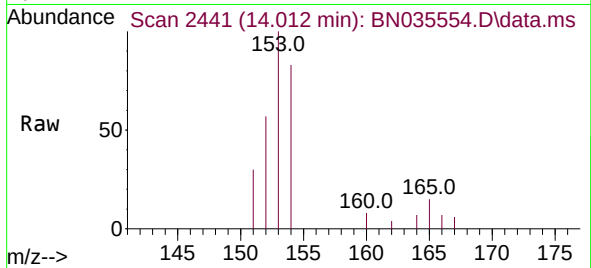
Tgt Ion:152 Resp: 2703
Ion Ratio Lower Upper
152 100
151 51.7 16.4 24.6#
153 94.8 11.1 16.7#





#11
Acenaphthene
Concen: 0.191 ng/ul
RT: 14.012 min Scan# 2441
Delta R.T. -0.002 min
Lab File: BN035554.D
Acq: 11 Dec 2024 05:18

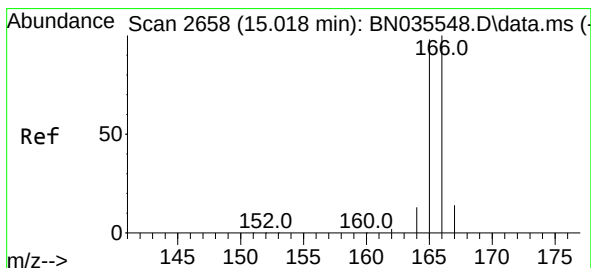
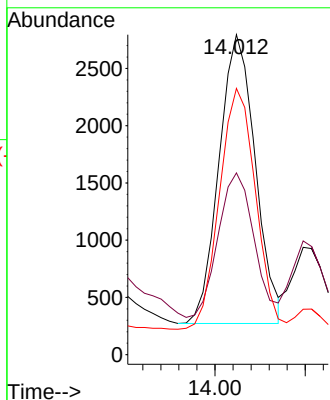
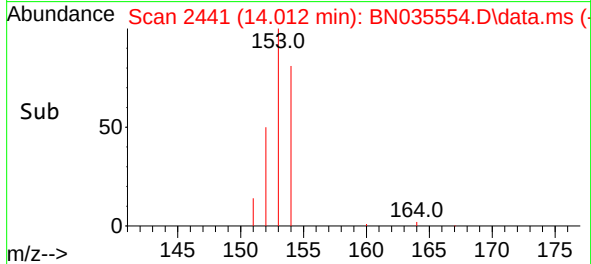
Instrument :
BNA_N
ClientSampleId :
E28M0



Tgt Ion:153 Resp: 3514
Ion Ratio Lower Upper
153 100
152 56.8 41.4 62.0
154 83.2 71.2 106.8

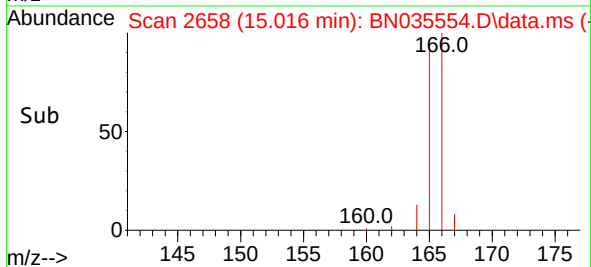
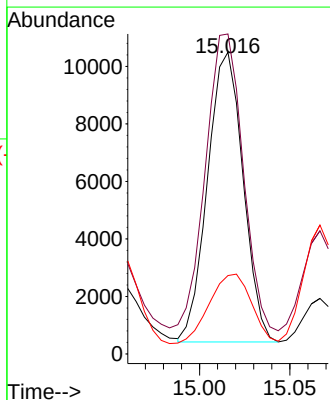
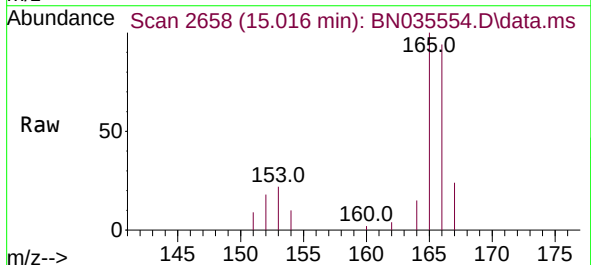
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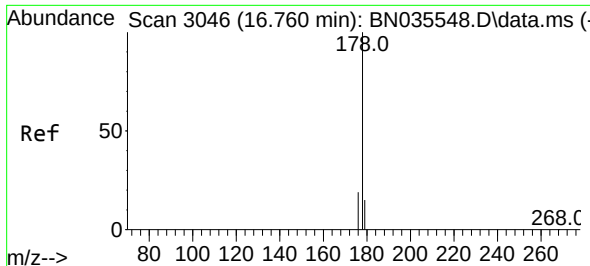
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#12
Fluorene
Concen: 0.641 ng/ul
RT: 15.016 min Scan# 2658
Delta R.T. -0.002 min
Lab File: BN035554.D
Acq: 11 Dec 2024 05:18

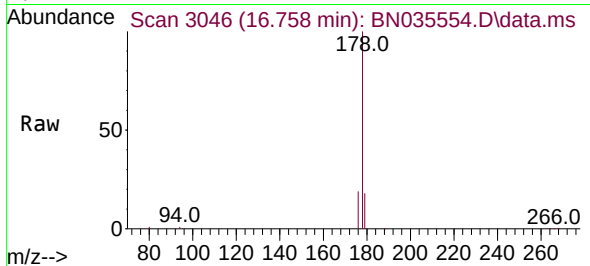
Tgt Ion:166 Resp: 13817
Ion Ratio Lower Upper
166 100
165 106.0 78.6 118.0
167 26.0 11.8 17.6#





#15
Phenanthrene
Concen: 5.953 ng/ul
RT: 16.758 min Scan# 3046
Delta R.T. -0.002 min
Lab File: BN035554.D
Acq: 11 Dec 2024 05:18

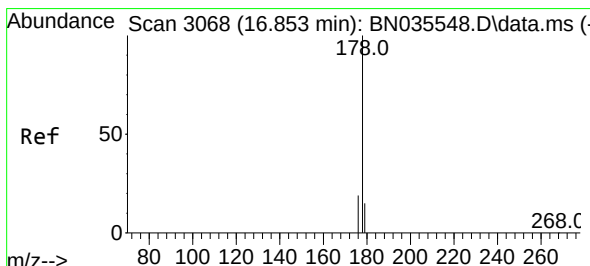
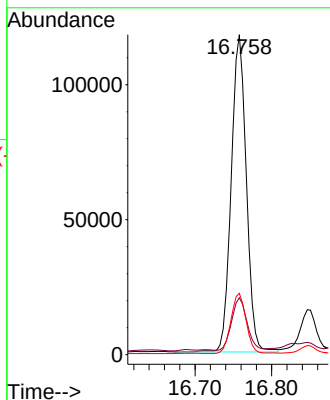
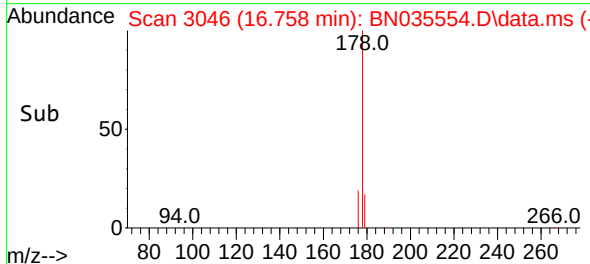
Instrument :
BNA_N
ClientSampleId :
E28M0



Tgt Ion:178 Resp: 16098
Ion Ratio Lower Upper
178 100
179 17.8 12.9 19.3
176 19.2 15.6 23.4

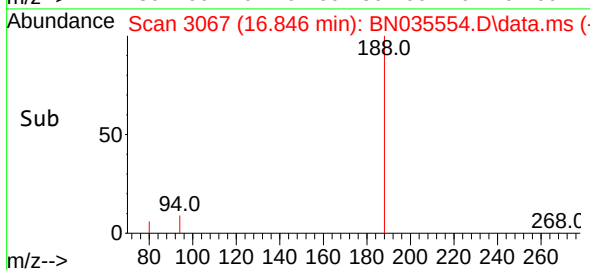
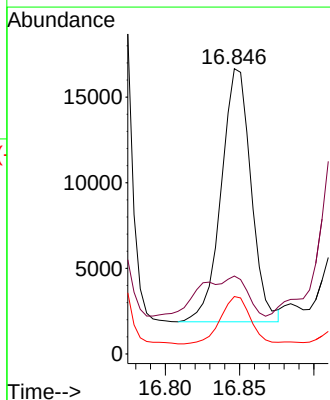
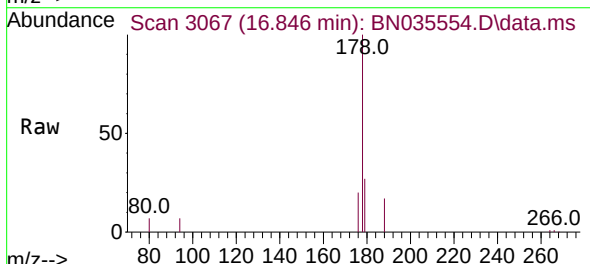
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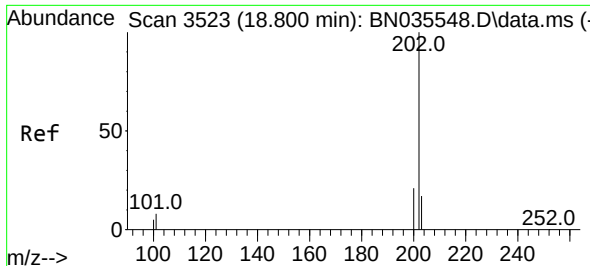
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#16
Anthracene
Concen: 0.824 ng/ul
RT: 16.846 min Scan# 3067
Delta R.T. -0.002 min
Lab File: BN035554.D
Acq: 11 Dec 2024 05:18

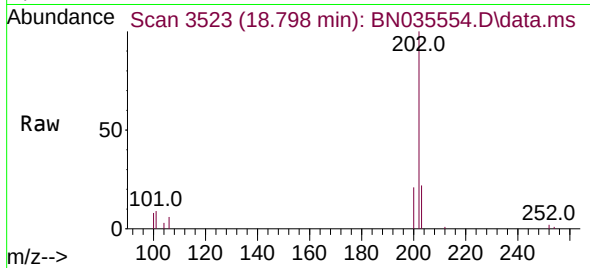
Tgt Ion:178 Resp: 20675
Ion Ratio Lower Upper
178 100
179 27.3 12.9 19.3#
176 20.1 15.4 23.2





#19
Fluoranthene
Concen: 2.985 ng/u1
RT: 18.798 min Scan# 3523
Delta R.T. -0.002 min
Lab File: BN035554.D
Acq: 11 Dec 2024 05:18

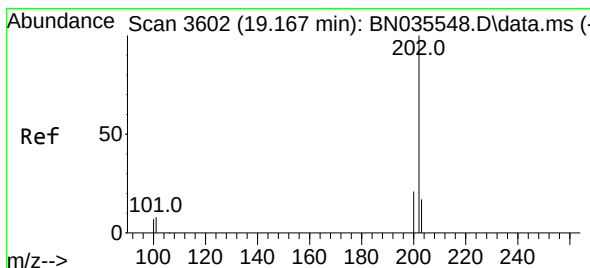
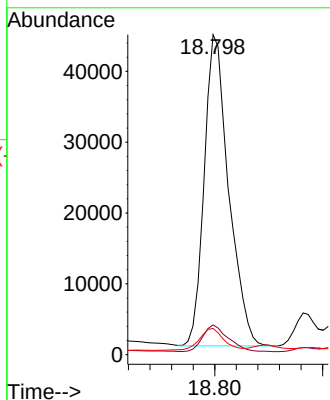
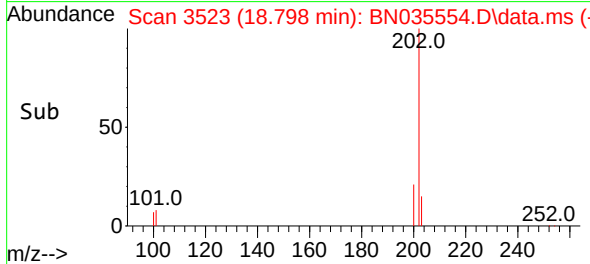
Instrument :
BNA_N
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E28M0



Tgt Ion:202 Resp: 69230
Ion Ratio Lower Upper
202 100
101 9.3 5.8 8.6#
100 8.2 4.5 6.7#

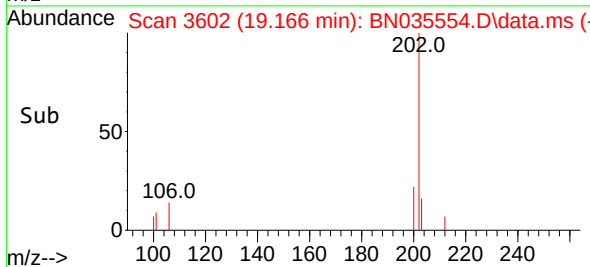
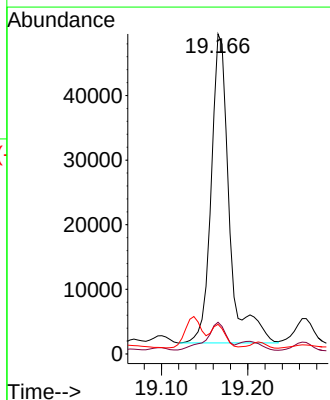
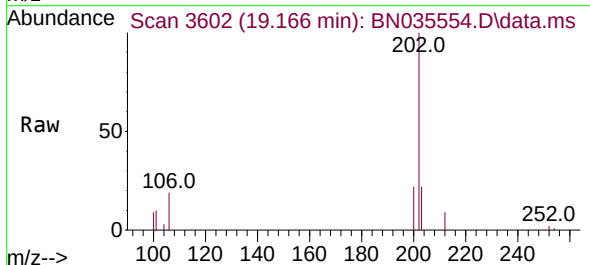
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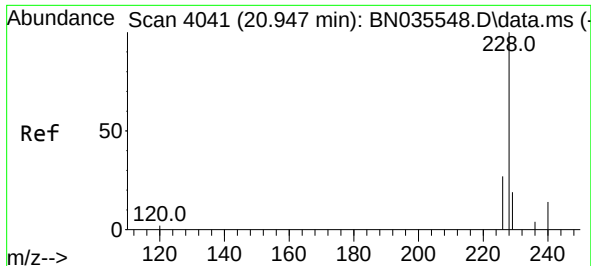
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#20
Pyrene
Concen: 2.889 ng/u1
RT: 19.166 min Scan# 3602
Delta R.T. -0.002 min
Lab File: BN035554.D
Acq: 11 Dec 2024 05:18

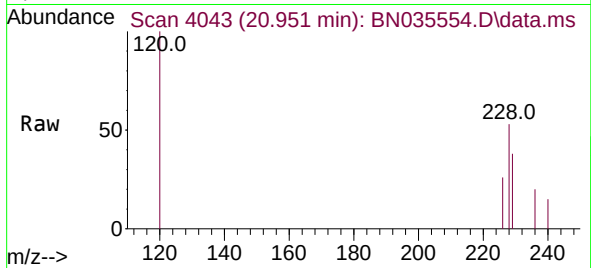
Tgt Ion:202 Resp: 69732
Ion Ratio Lower Upper
202 100
101 9.9 6.2 9.4#
100 9.3 5.1 7.7#





#21
Benzo(a)anthracene
Concen: 0.250 ng/ul
RT: 20.951 min Scan# 4041
Delta R.T. 0.004 min
Lab File: BN035554.D
Acq: 11 Dec 2024 05:18

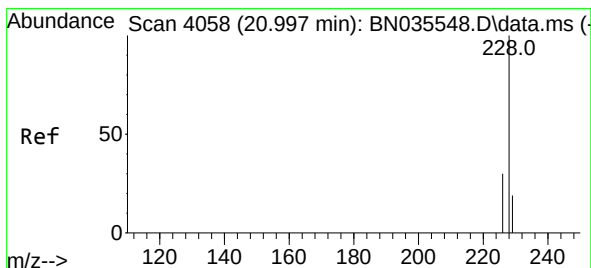
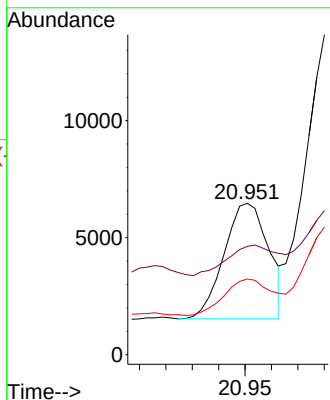
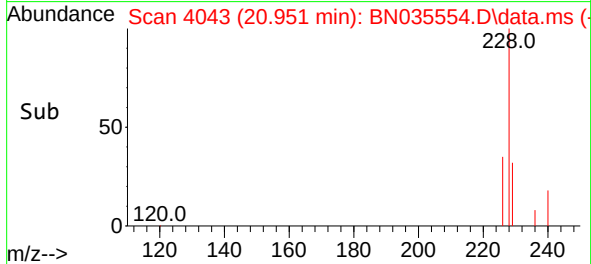
Instrument :
BNA_N
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E28M0



Tgt Ion:228 Resp: 5780
Ion Ratio Lower Upper
228 100
229 71.6 15.8 23.8
226 50.0 21.8 32.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#22
Chrysene
Concen: 1.085 ng/ul
RT: 20.983 min Scan# 4054
Delta R.T. -0.013 min
Lab File: BN035554.D
Acq: 11 Dec 2024 05:18

Tgt Ion:228 Resp: 25235
Ion Ratio Lower Upper
228 100
226 39.9 24.7 37.1#
229 45.2 16.0 24.0#

