

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
 Data File : BN035559.D
 Acq On : 11 Dec 2024 09:21
 Operator : RC/JU
 Sample : P5066-01DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28MODL

Manual Integrations
 APPROVED

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

Quant Time: Dec 11 09:55:49 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	7.288	152	2767	0.400	ng/ul	0.00
4) Naphthalene-d8	10.036	136	7670	0.400	ng/ul #	0.00
9) Acenaphthene-d10	13.949	164	4831	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188	9471	0.400	ng/ul #	0.00
17) Chrysene-d12	20.964	240	7467	0.400	ng/ul #	0.00
23) Perylene-d12	23.059	264	8227m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.959	96	1659	0.656	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152	503	0.045	ng/ul	0.00
18) Fluoranthene-d10	18.772	212	1224	0.059	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.080	128	1449m	0.075	ng/ul	
7) 2-Methylnaphthalene	11.714	142	4319	0.322	ng/ul	97
8) 1-Methylnaphthalene	11.939	142	3906	0.289	ng/ul	99
10) Acenaphthylene	13.667	152	451	0.024	ng/ul#	1
11) Acenaphthene	14.014	153	583	0.040	ng/ul#	92
12) Fluorene	15.013	166	2238	0.130	ng/ul#	87
15) Phenanthrene	16.759	178	28418	1.135	ng/ul	98
16) Anthracene	16.848	178	3172	0.136	ng/ul#	83
19) Fluoranthene	18.800	202	13819	0.532	ng/ul#	92
20) Pyrene	19.167	202	14065	0.520	ng/ul#	93
21) Benzo(a)anthracene	20.950	228	1270	0.049	ng/ul#	23
22) Chrysene	20.982	228	5643	0.216	ng/ul#	65

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

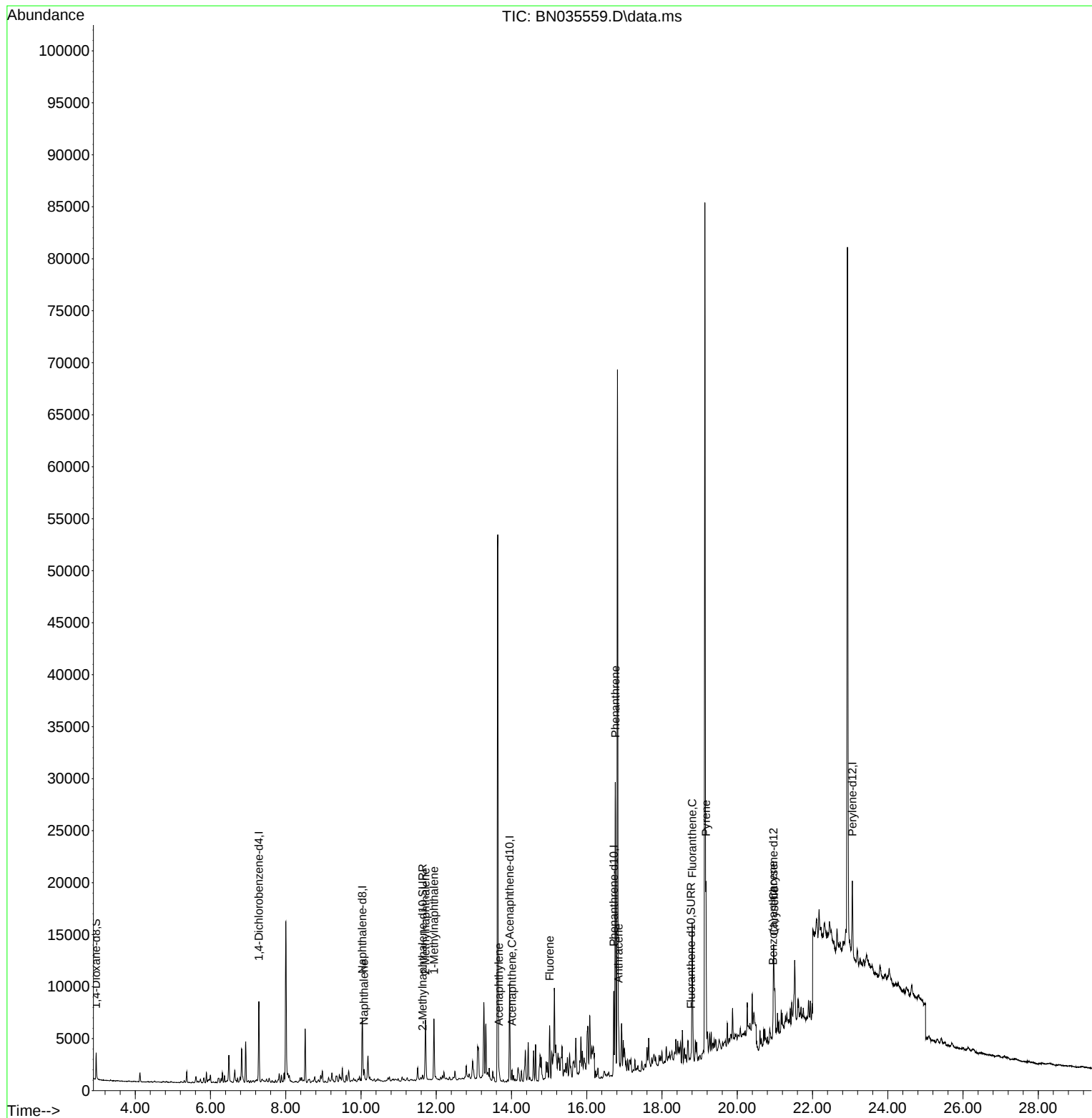
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035559.D
Acq On : 11 Dec 2024 09:21
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Misc :
ALS Vial : 30 Sample Multiplier: 1

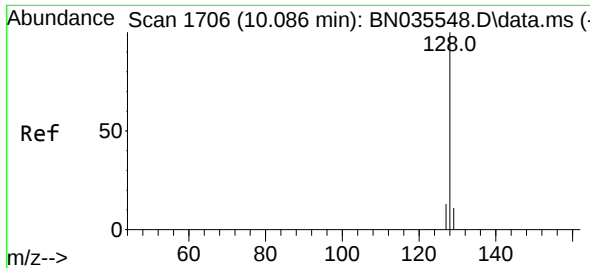
Instrument :
BNA_N
ClientSampleId :
E28M0DL

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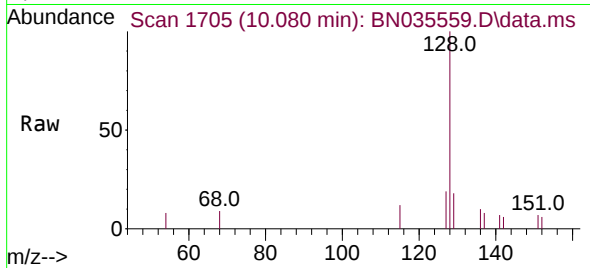
Quant Time: Dec 11 09:55:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
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#5
Naphthalene
Concen: 0.075 ng/ul m
RT: 10.080 min Scan# 1706
Delta R.T. -0.005 min
Lab File: BN035559.D
Acq: 11 Dec 2024 09:21

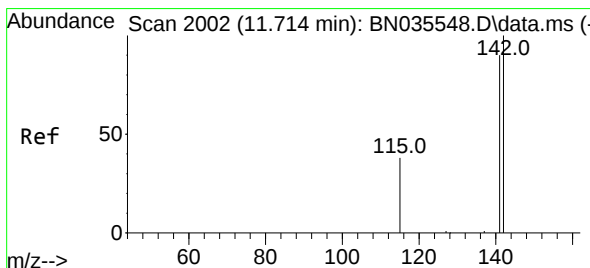
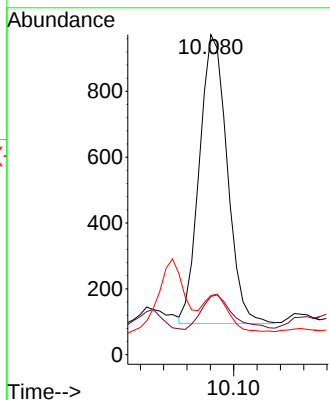
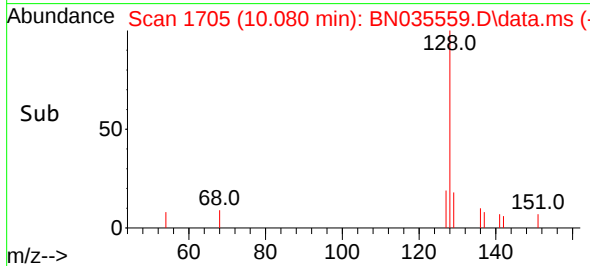
Instrument :
BNA_N
ClientSampleId :
E28MODL



Tgt Ion:128 Resp: 1449
Ion Ratio Lower Upper
128 100
129 18.2 9.9 14.9
127 18.5 11.4 17.2

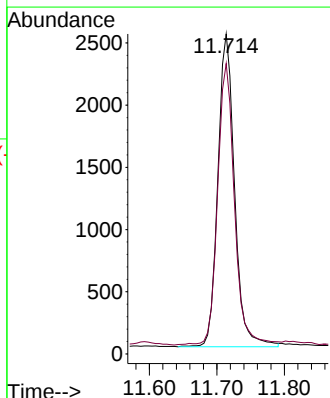
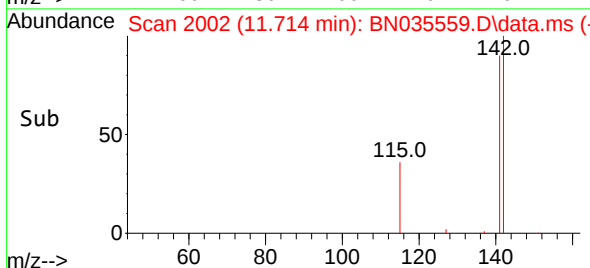
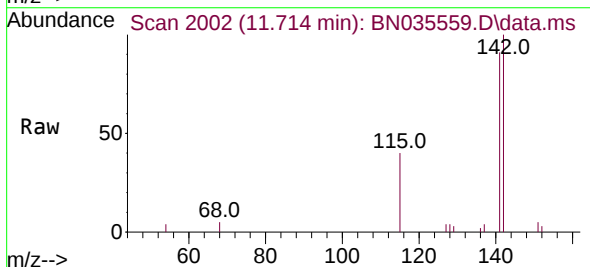
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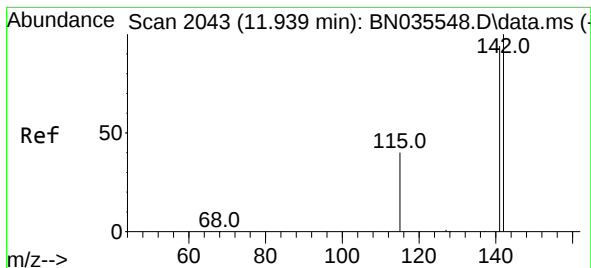
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#7
2-Methylnaphthalene
Concen: 0.322 ng/ul
RT: 11.714 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN035559.D
Acq: 11 Dec 2024 09:21

Tgt Ion:142 Resp: 4319
Ion Ratio Lower Upper
142 100
141 90.7 70.4 105.6





#8

1-Methylnaphthalene

Concen: 0.289 ng/ul

RT: 11.939 min Scan# 2043

Delta R.T. -0.005 min

Lab File: BN035559.D

Acq: 11 Dec 2024 09:21

Instrument :

BNA_N

ClientSampleId :

E28MODL

Tgt Ion:142 Resp: 3900

Ion Ratio Lower Upper

142 100

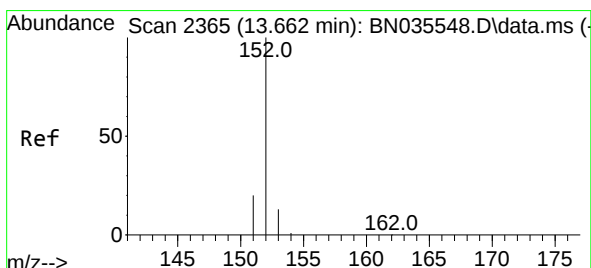
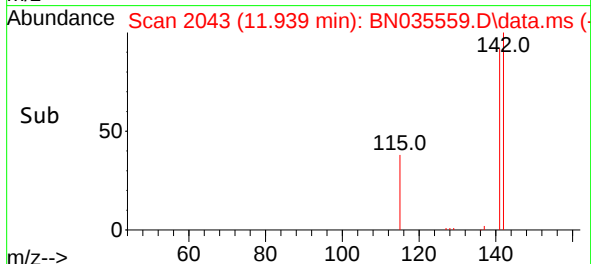
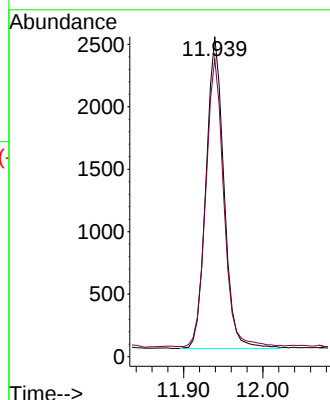
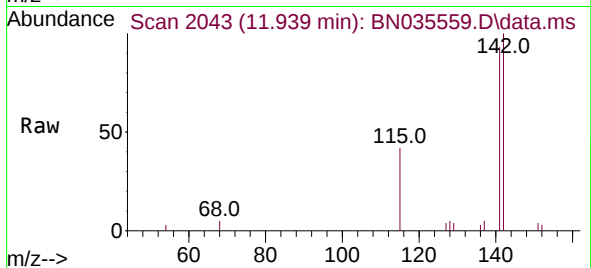
141 92.6 73.1 109.7

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#10

Acenaphthylene

Concen: 0.024 ng/ul

RT: 13.667 min Scan# 2366

Delta R.T. 0.005 min

Lab File: BN035559.D

Acq: 11 Dec 2024 09:21

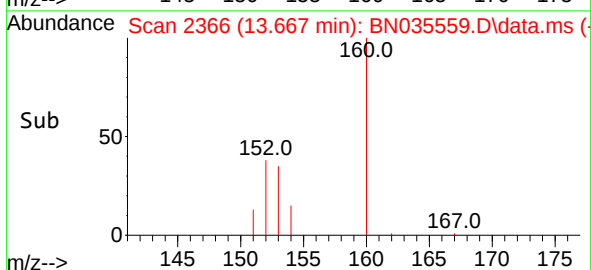
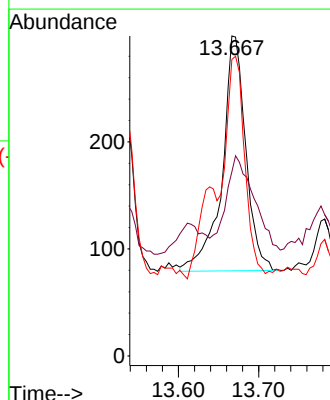
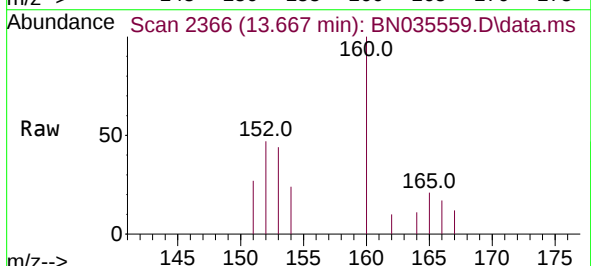
Tgt Ion:152 Resp: 451

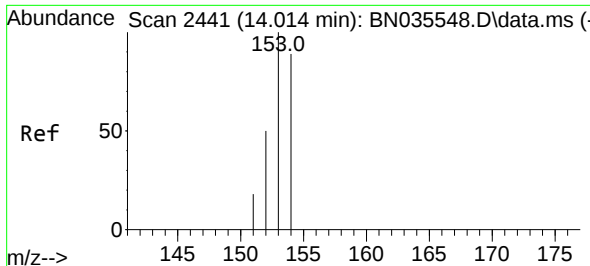
Ion Ratio Lower Upper

152 100

151 57.5 16.4 24.6#

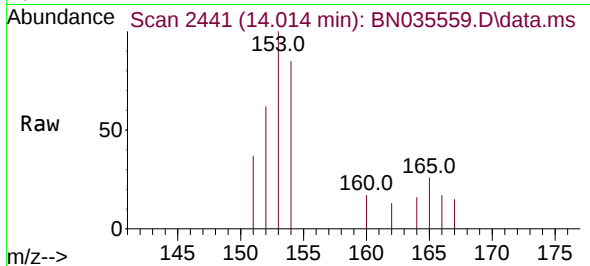
153 92.6 11.1 16.7#





#11
Acenaphthene
Concen: 0.040 ng/u1
RT: 14.014 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN035559.D
Acq: 11 Dec 2024 09:21

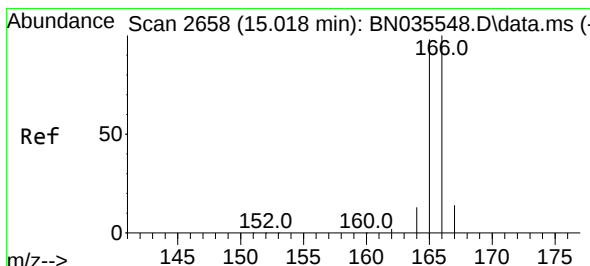
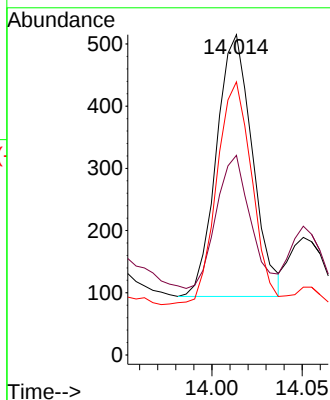
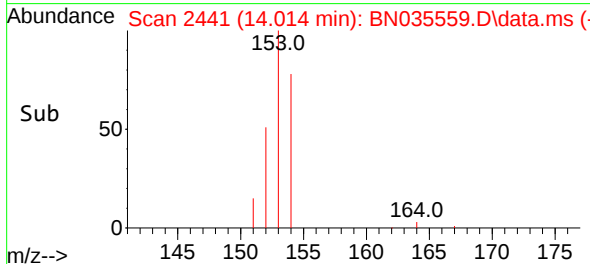
Instrument :
BNA_N
ClientSampleId :
E28MODL



Tgt Ion:153 Resp: 583
Ion Ratio Lower Upper
153 100
152 62.3 41.4 62.0
154 85.2 71.2 106.8

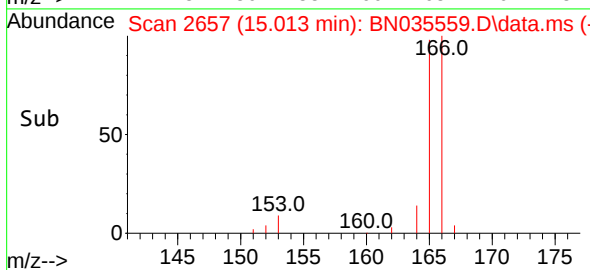
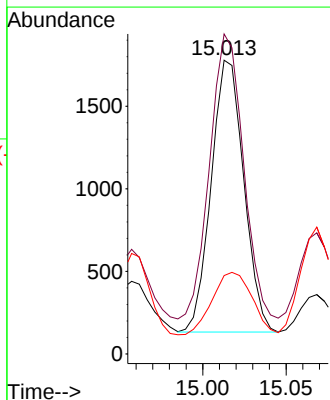
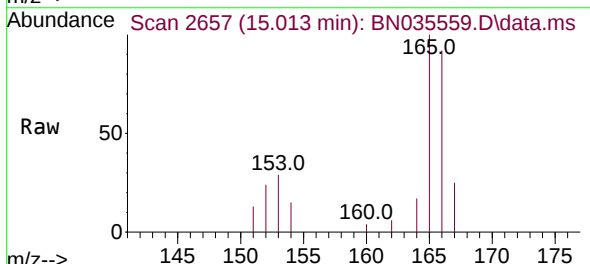
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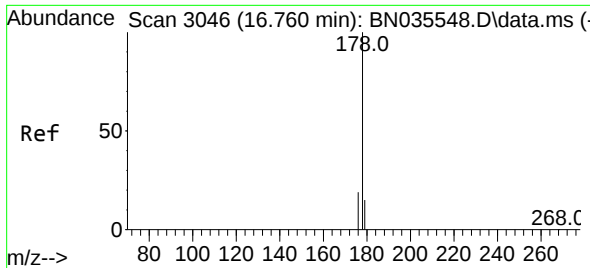
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#12
Fluorene
Concen: 0.130 ng/u1
RT: 15.013 min Scan# 2657
Delta R.T. -0.005 min
Lab File: BN035559.D
Acq: 11 Dec 2024 09:21

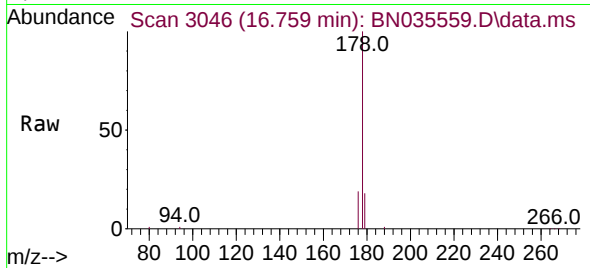
Tgt Ion:166 Resp: 2238
Ion Ratio Lower Upper
166 100
165 108.9 78.6 118.0
167 26.7 11.8 17.6#





#15
Phenanthrene
Concen: 1.135 ng/ul
RT: 16.759 min Scan# 3046
Delta R.T. 0.000 min
Lab File: BN035559.D
Acq: 11 Dec 2024 09:21

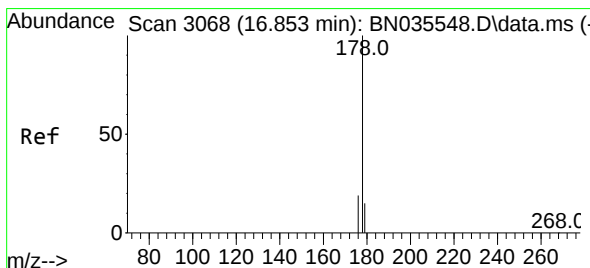
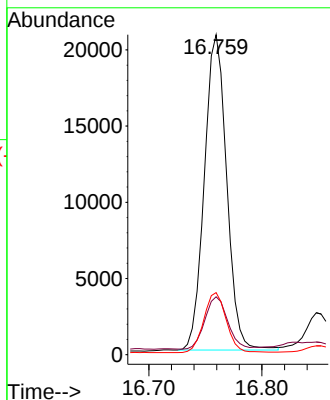
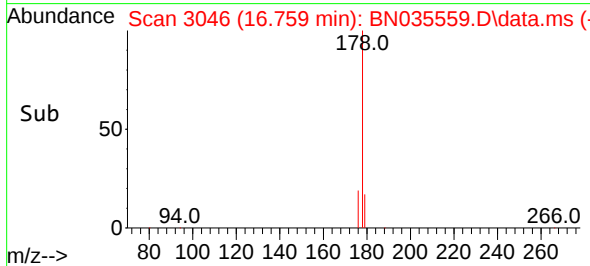
Instrument :
BNA_N
ClientSampleId :
E28MODL



Tgt Ion:178 Resp: 28418
Ion Ratio Lower Upper
178 100
179 18.1 12.9 19.3
176 19.4 15.6 23.4

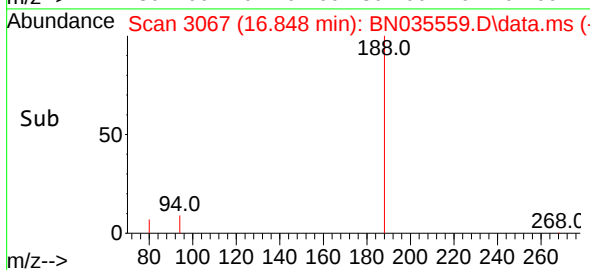
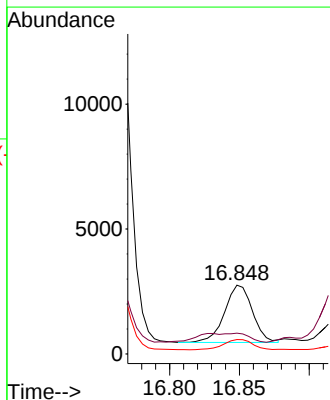
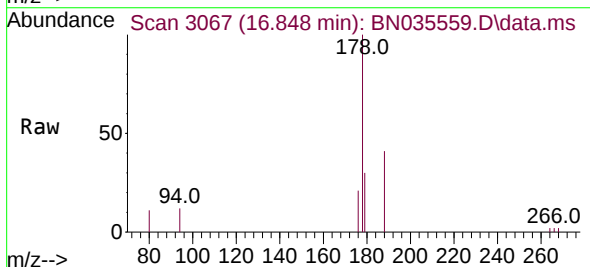
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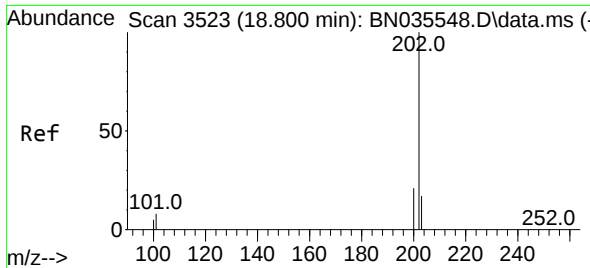
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#16
Anthracene
Concen: 0.136 ng/ul
RT: 16.848 min Scan# 3067
Delta R.T. 0.000 min
Lab File: BN035559.D
Acq: 11 Dec 2024 09:21

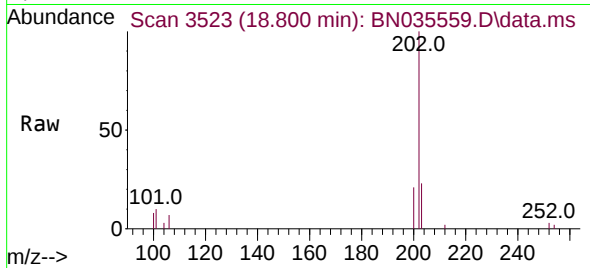
Tgt Ion:178 Resp: 3172
Ion Ratio Lower Upper
178 100
179 30.2 12.9 19.3#
176 21.0 15.4 23.2





#19
Fluoranthene
Concen: 0.532 ng/u1
RT: 18.800 min Scan# 3523
Delta R.T. 0.000 min
Lab File: BN035559.D
Acq: 11 Dec 2024 09:21

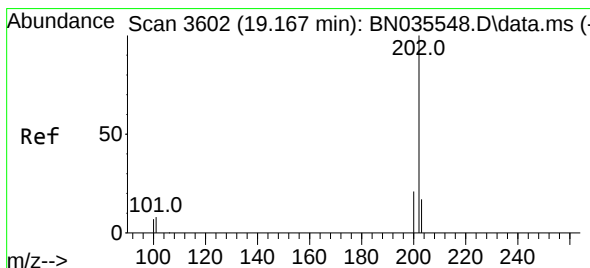
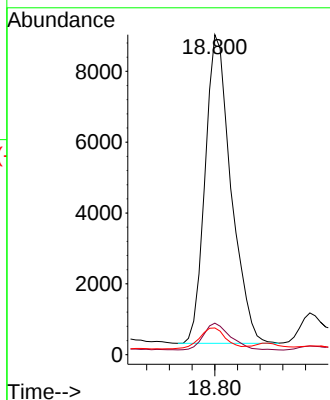
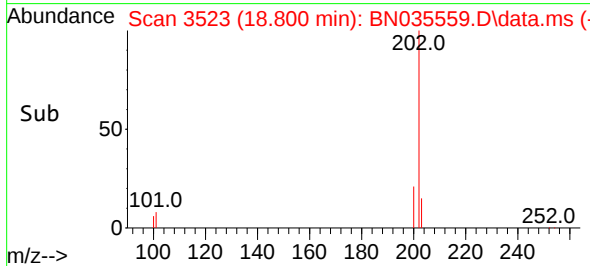
Instrument :
BNA_N
ClientSampleId :
E28MODL



Tgt Ion:202 Resp: 13819
Ion Ratio Lower Upper
202 100
101 9.9 5.8 8.6#
100 8.4 4.5 6.7#

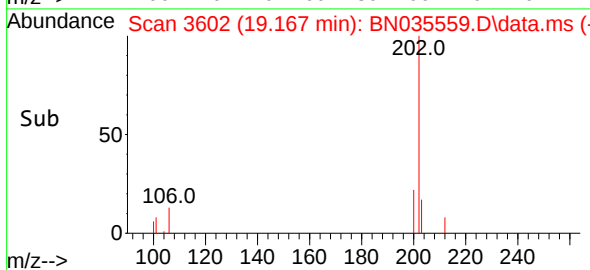
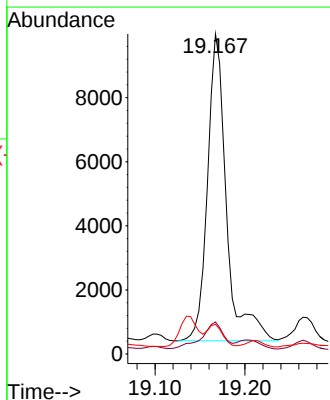
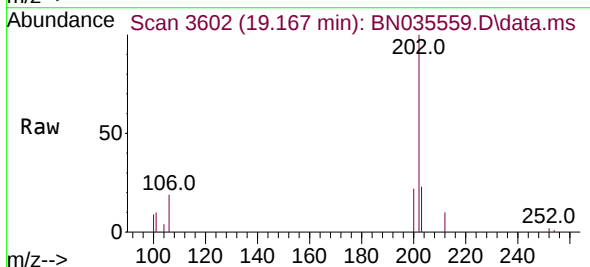
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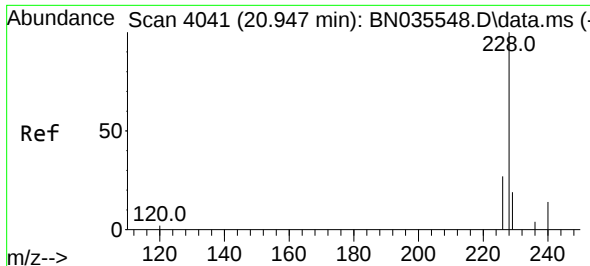
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#20
Pyrene
Concen: 0.520 ng/u1
RT: 19.167 min Scan# 3602
Delta R.T. 0.000 min
Lab File: BN035559.D
Acq: 11 Dec 2024 09:21

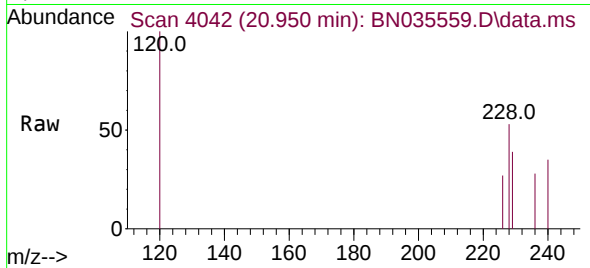
Tgt Ion:202 Resp: 14065
Ion Ratio Lower Upper
202 100
101 10.0 6.2 9.4#
100 9.2 5.1 7.7#





#21
Benzo(a)anthracene
Concen: 0.049 ng/ul
RT: 20.950 min Scan# 4041
Delta R.T. 0.003 min
Lab File: BN035559.D
Acq: 11 Dec 2024 09:21

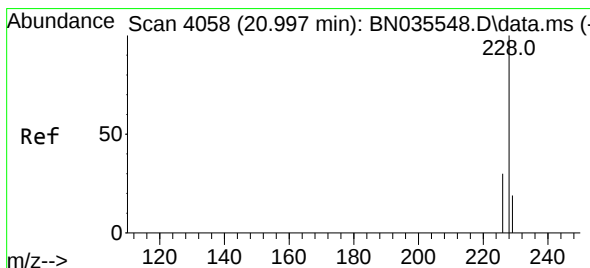
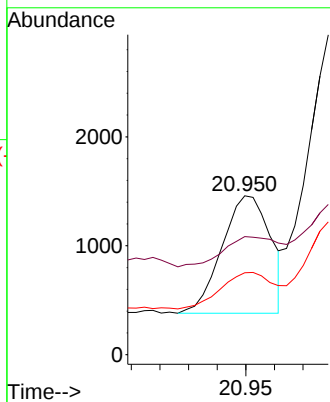
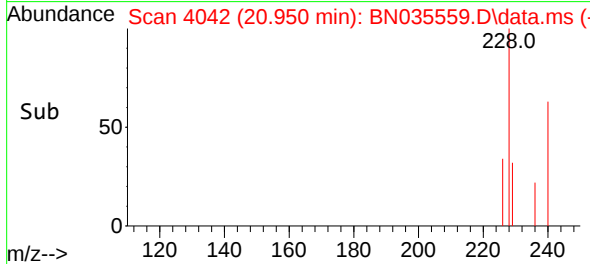
Instrument :
BNA_N
ClientSampleId :
E28MODL



Tgt Ion:228 Resp: 1270
Ion Ratio Lower Upper
228 100
229 74.3 15.8 23.8
226 51.6 21.8 32.8

Manual Integrations
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Supervised By :mohammad ahmed 12/12/2024



#22
Chrysene
Concen: 0.216 ng/ul
RT: 20.982 min Scan# 4053
Delta R.T. -0.015 min
Lab File: BN035559.D
Acq: 11 Dec 2024 09:21

Tgt Ion:228 Resp: 5643
Ion Ratio Lower Upper
228 100
226 41.3 24.7 37.1#
229 47.3 16.0 24.0#

