

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
 Data File : BN035555.D
 Acq On : 11 Dec 2024 05:54
 Operator : RC/JU
 Sample : P5066-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28M2

Manual Integrations
 APPROVED

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

Quant Time: Dec 11 06:16:30 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	7.293	152	2801	0.400	ng/ul	0.00
4) Naphthalene-d8	10.036	136	7870	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	13.949	164	5876	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188	9560m	0.400	ng/ul	0.00
17) Chrysene-d12	20.967	240	6783	0.400	ng/ul	# 0.00
23) Perylene-d12	23.074	264	7258m	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.963	96	9852	3.848	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152	3305	0.287	ng/ul	0.00
18) Fluoranthene-d10	18.772	212	5929m	0.317	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.086	128	116444	5.873	ng/ul	99
7) 2-Methylnaphthalene	11.714	142	249453	18.142	ng/ul	98
8) 1-Methylnaphthalene	11.939	142	169781	12.233	ng/ul	97
10) Acenaphthylene	13.671	152	12792	0.549	ng/ul#	1
11) Acenaphthene	14.014	153	25980	1.457	ng/ul	97
12) Fluorene	15.017	166	112258	5.363	ng/ul#	95
15) Phenanthrene	16.759	178	792900	31.373	ng/ul	100
16) Anthracene	16.852	178	231158m	9.854	ng/ul	
19) Fluoranthene	18.805	202	255410	10.815	ng/ul	98
20) Pyrene	19.172	202	284389	11.572	ng/ul	97
21) Benzo(a)anthracene	20.953	228	32906	1.398	ng/ul#	75
22) Chrysene	21.005	228	43470	1.835	ng/ul#	70
24) Benzo(b)fluoranthene	22.457	252	19805m	0.826	ng/ul	
25) Benzo(k)fluoranthene	22.495	252	5916m	0.239	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.114	276	7617m	0.257	ng/ul	
29) Benzo(g,h,i)perylene	25.735	276	9267m	0.397	ng/ul	

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

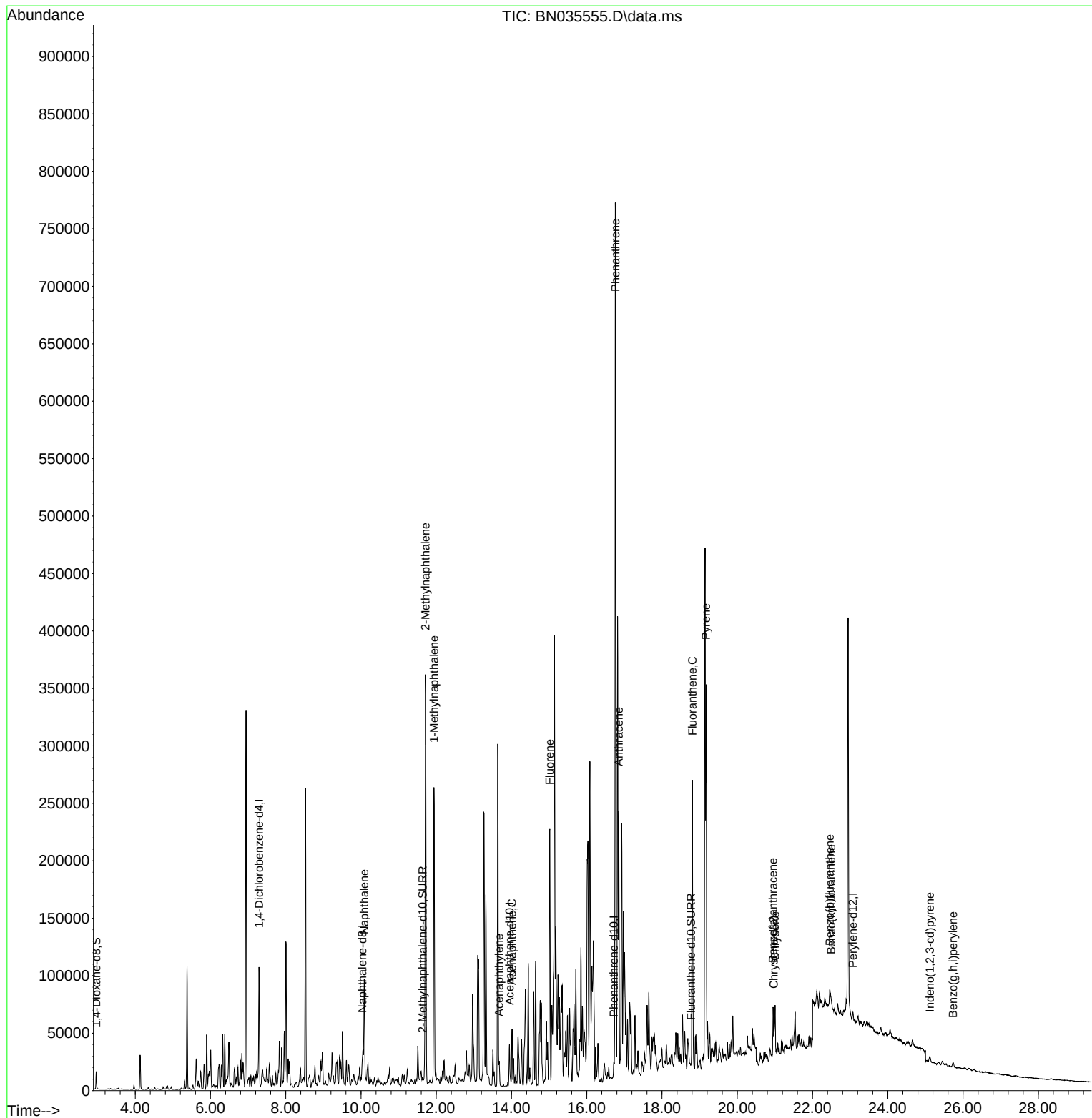
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035555.D
Acq On : 11 Dec 2024 05:54
Operator : RC/JU
Sample : P5066-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

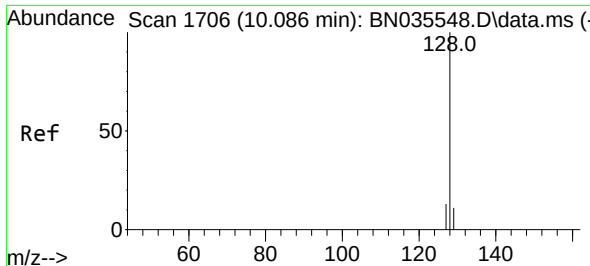
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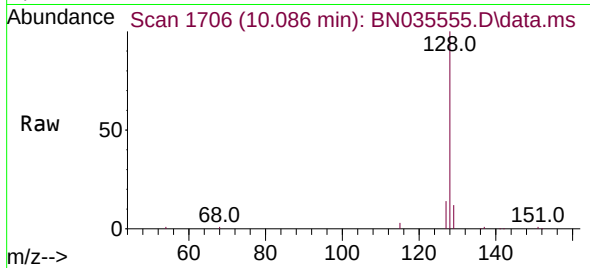
Quant Time: Dec 11 06:16:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
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#5
Naphthalene
Concen: 5.873 ng/ul
RT: 10.086 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BN035555.D
Acq: 11 Dec 2024 05:54

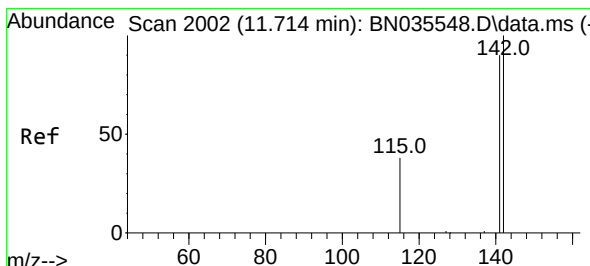
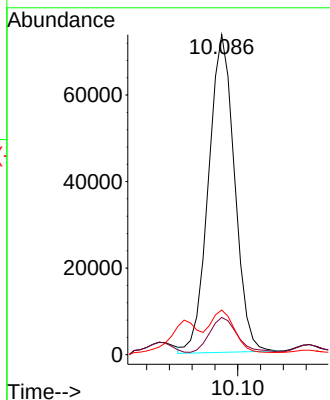
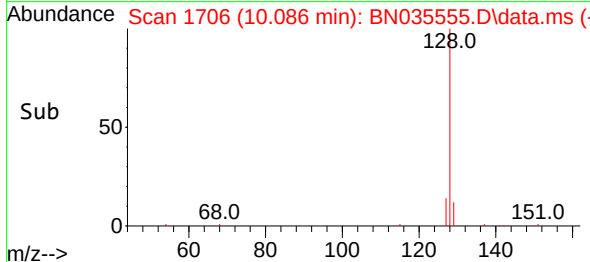
Instrument :
BNA_N
ClientSampleId :
E28M2



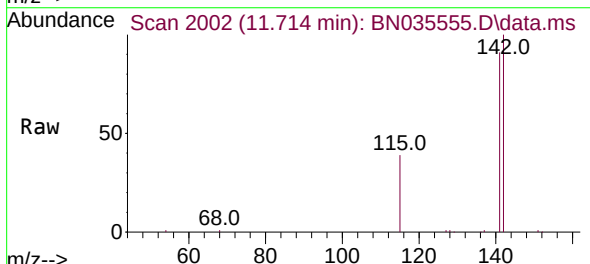
Tgt Ion:128 Resp: 11644
Ion Ratio Lower Upper
128 100
129 11.7 9.9 14.9
127 14.0 11.4 17.2

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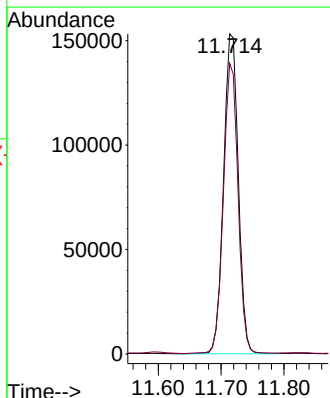
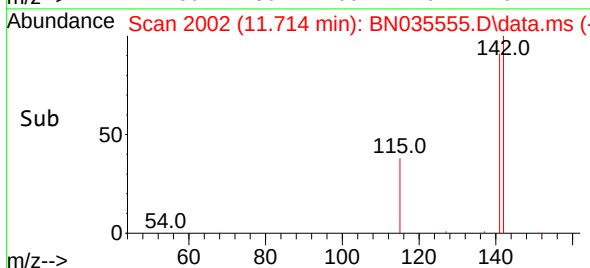
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

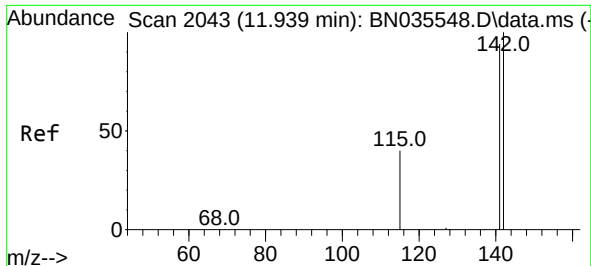


#7
2-Methylnaphthalene
Concen: 18.142 ng/ul
RT: 11.714 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN035555.D
Acq: 11 Dec 2024 05:54



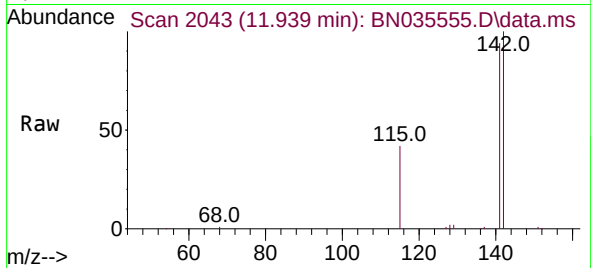
Tgt Ion:142 Resp: 249453
Ion Ratio Lower Upper
142 100
141 90.0 70.4 105.6





#8
1-Methylnaphthalene
Concen: 12.233 ng/ul
RT: 11.939 min Scan# 2043
Delta R.T. -0.005 min
Lab File: BN035555.D
Acq: 11 Dec 2024 05:54

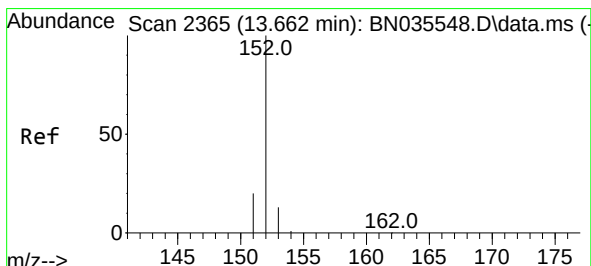
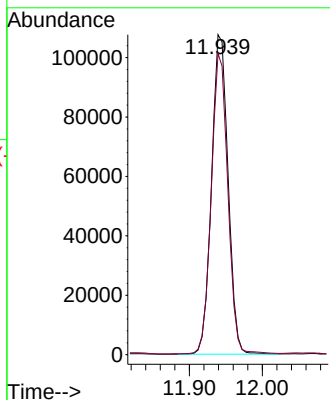
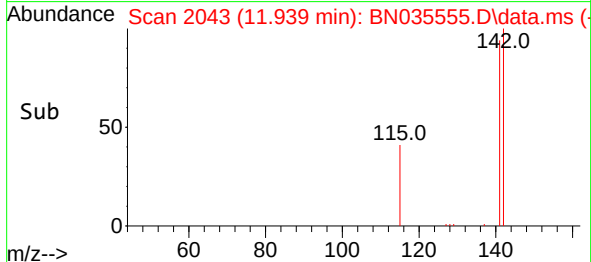
Instrument :
BNA_N
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Tgt Ion:142 Resp: 16978
Ion Ratio Lower Upper
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141 93.9 73.1 109.7

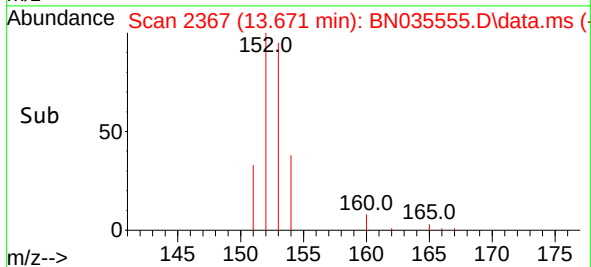
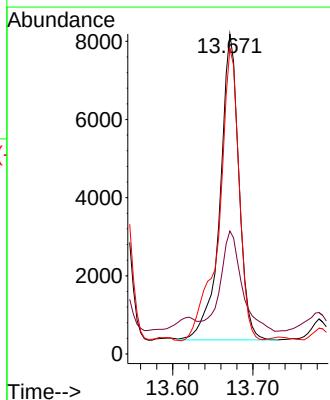
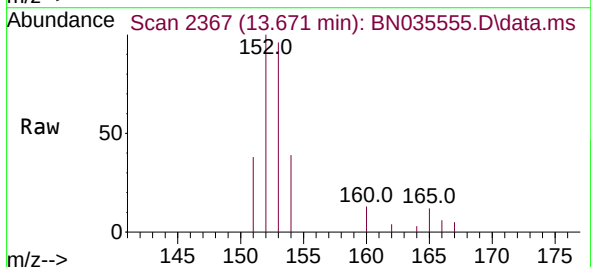
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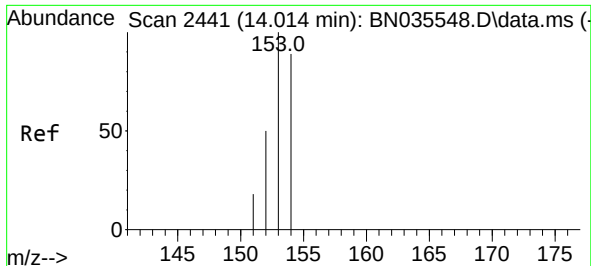
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#10
Acenaphthylene
Concen: 0.549 ng/ul
RT: 13.671 min Scan# 2367
Delta R.T. 0.009 min
Lab File: BN035555.D
Acq: 11 Dec 2024 05:54

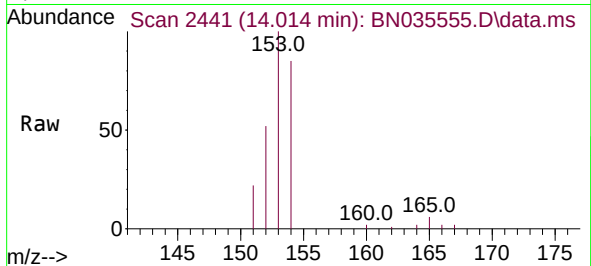
Tgt Ion:152 Resp: 12792
Ion Ratio Lower Upper
152 100
151 38.4 16.4 24.6#
153 95.5 11.1 16.7#





#11
Acenaphthene
Concen: 1.457 ng/ul
RT: 14.014 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN035555.D
Acq: 11 Dec 2024 05:54

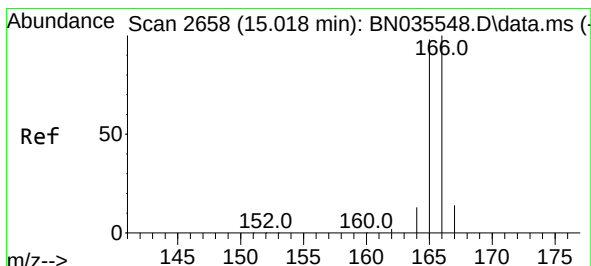
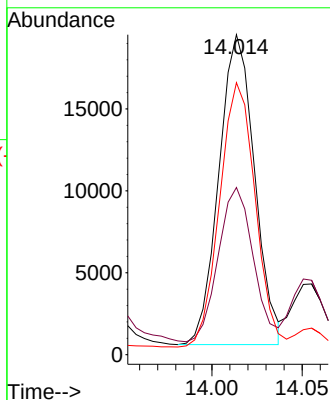
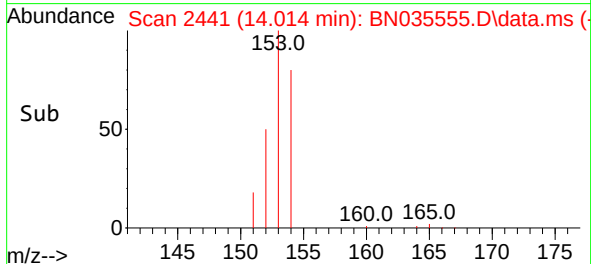
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 25980
Ion Ratio Lower Upper
153 100
152 52.2 41.4 62.0
154 85.0 71.2 106.8

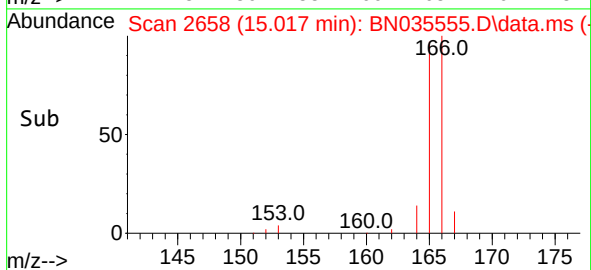
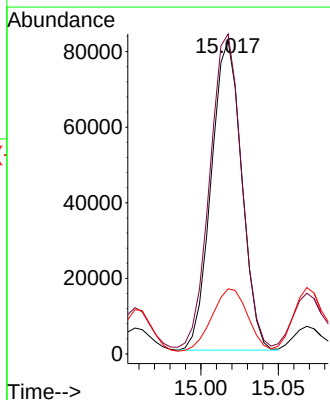
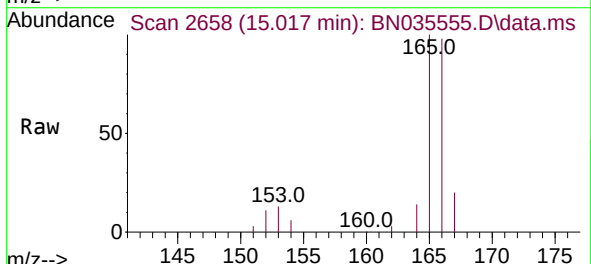
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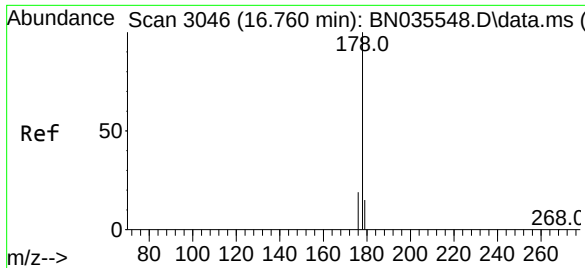
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#12
Fluorene
Concen: 5.363 ng/ul
RT: 15.017 min Scan# 2658
Delta R.T. 0.000 min
Lab File: BN035555.D
Acq: 11 Dec 2024 05:54

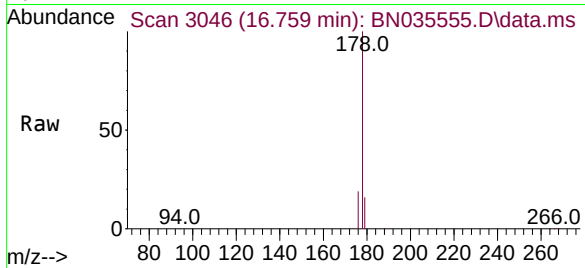
Tgt Ion:166 Resp: 112258
Ion Ratio Lower Upper
166 100
165 102.2 78.6 118.0
167 20.8 11.8 17.6#





#15
 Phenanthrene
 Concen: 31.373 ng/ul
 RT: 16.759 min Scan# 3046
 Delta R.T. 0.000 min
 Lab File: BN035555.D
 Acq: 11 Dec 2024 05:54

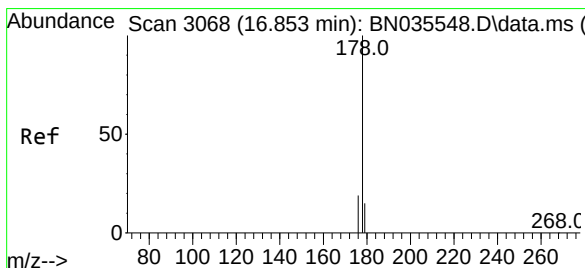
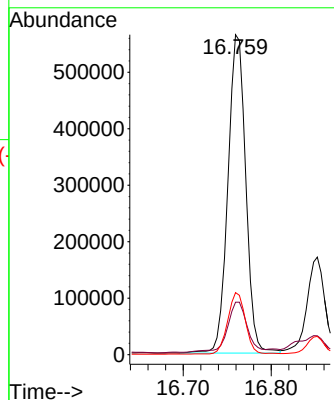
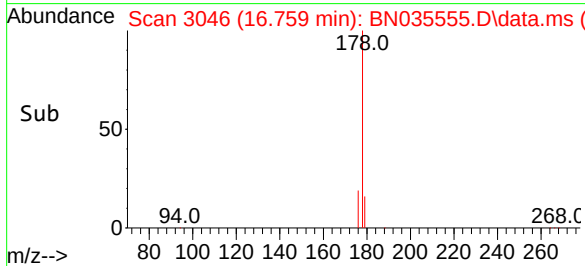
Instrument :
 BNA_N
 ClientSampleId :
 E28M2



Tgt Ion:178 Resp: 792900
 Ion Ratio Lower Upper
 178 100
 179 16.4 12.9 19.3
 176 19.4 15.6 23.4

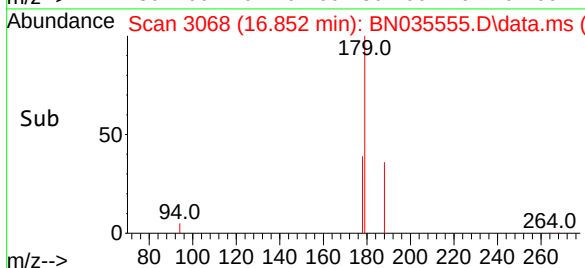
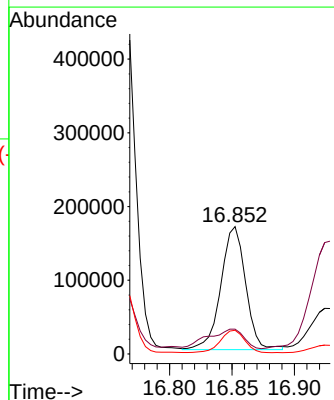
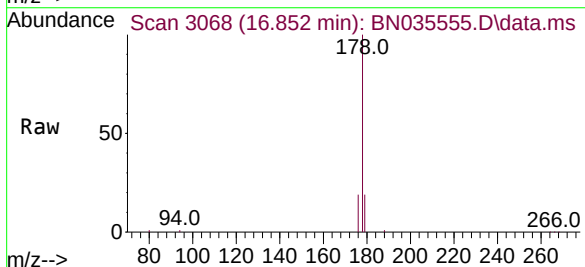
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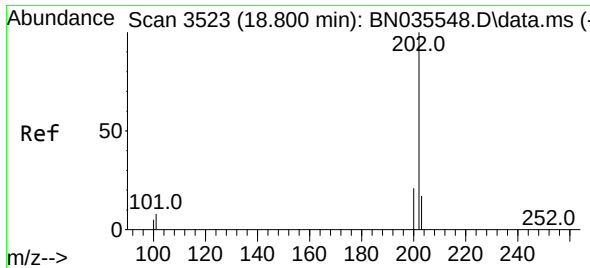
Reviewed By :Yogesh Patel 12/12/2024
 Supervised By :mohammad ahmed 12/12/2024



#16
 Anthracene
 Concen: 9.854 ng/ul m
 RT: 16.852 min Scan# 3068
 Delta R.T. 0.004 min
 Lab File: BN035555.D
 Acq: 11 Dec 2024 05:54

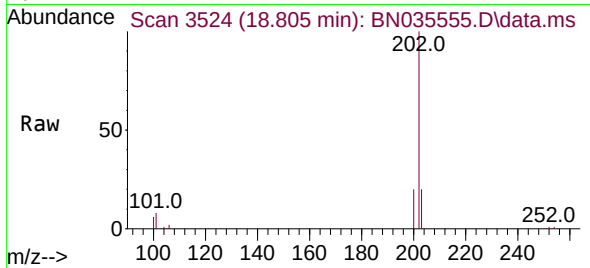
Tgt Ion:178 Resp: 231158
 Ion Ratio Lower Upper
 178 100
 179 19.4 12.9 19.3#
 176 18.7 15.4 23.2





#19
Fluoranthene
Concen: 10.815 ng/u1
RT: 18.805 min Scan# 3523
Delta R.T. 0.005 min
Lab File: BN035555.D
Acq: 11 Dec 2024 05:54

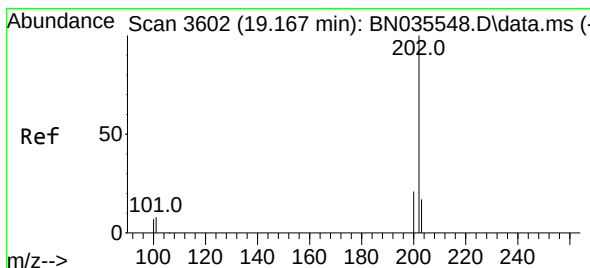
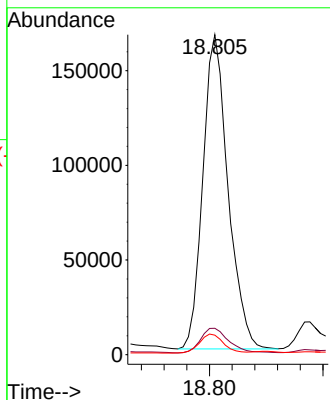
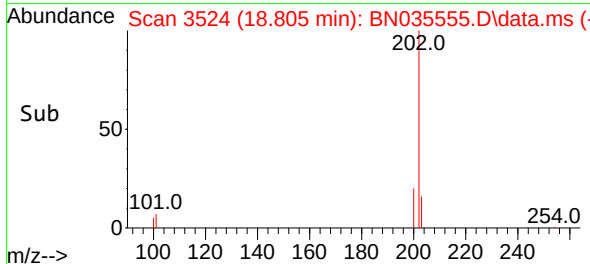
Instrument :
BNA_N
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E28M2



Tgt Ion:202 Resp: 255410
Ion Ratio Lower Upper
202 100
101 8.2 5.8 8.6
100 6.1 4.5 6.7

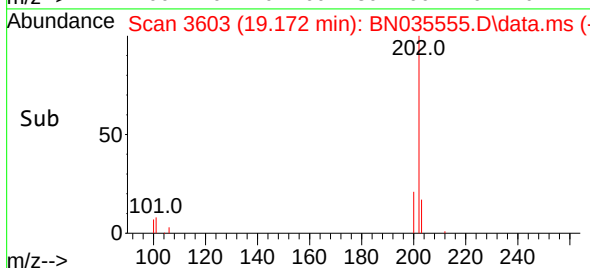
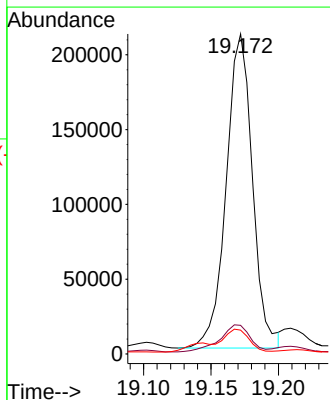
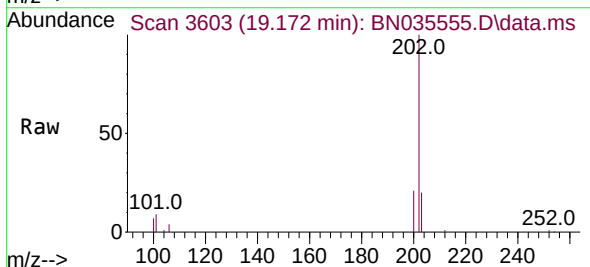
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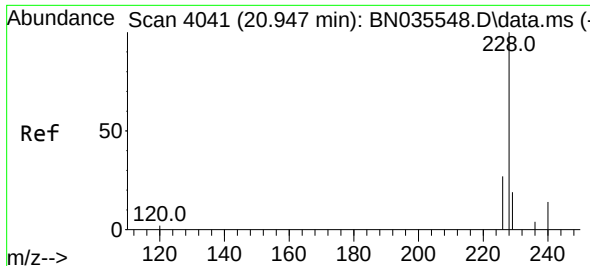
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#20
Pyrene
Concen: 11.572 ng/u1
RT: 19.172 min Scan# 3603
Delta R.T. 0.005 min
Lab File: BN035555.D
Acq: 11 Dec 2024 05:54

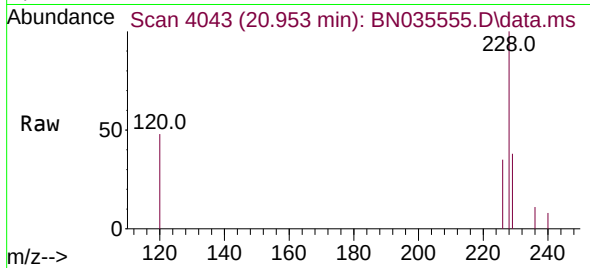
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Ion Ratio Lower Upper
202 100
101 9.0 6.2 9.4
100 7.4 5.1 7.7





#21
Benzo(a)anthracene
Concen: 1.398 ng/ul
RT: 20.953 min Scan# 4041
Delta R.T. 0.006 min
Lab File: BN035555.D
Acq: 11 Dec 2024 05:54

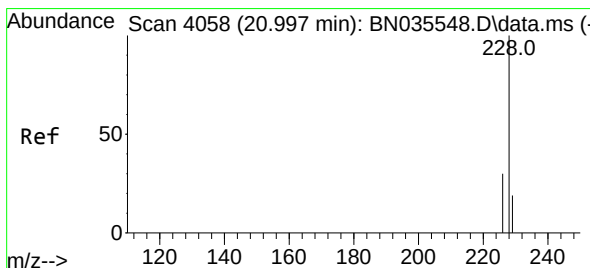
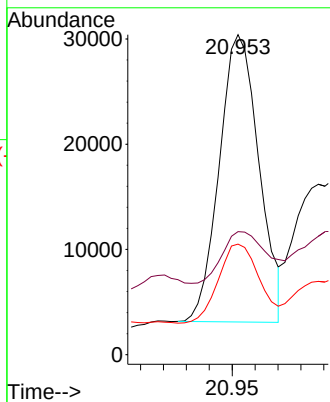
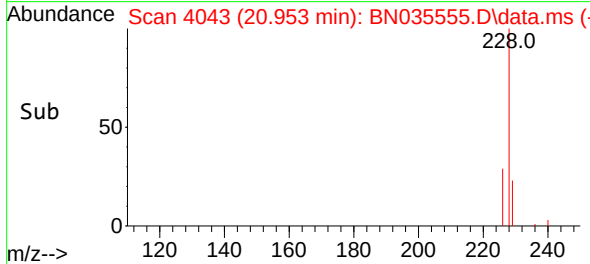
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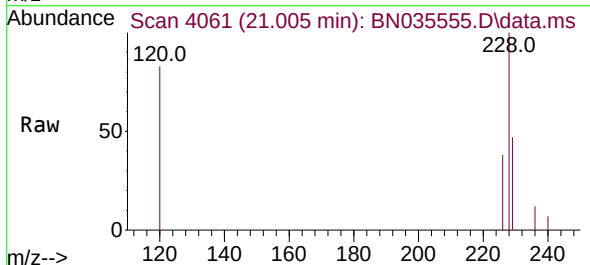
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Ion Ratio Lower Upper
228 100
229 38.5 15.8 23.8
226 34.6 21.8 32.8

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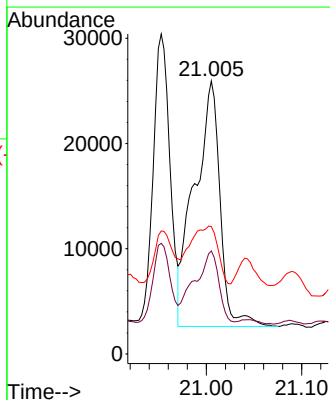
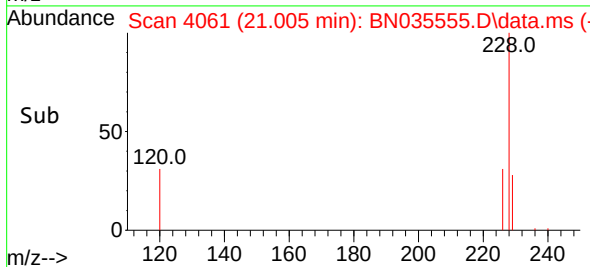
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Supervised By :mohammad ahmed 12/12/2024

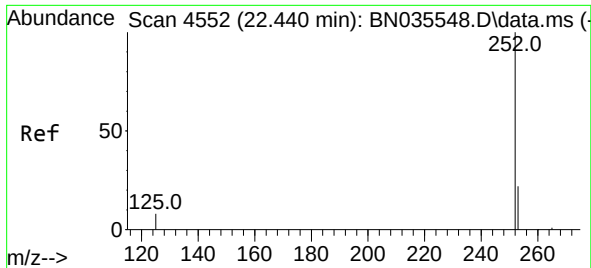


#22
Chrysene
Concen: 1.835 ng/ul
RT: 21.005 min Scan# 4061
Delta R.T. 0.009 min
Lab File: BN035555.D
Acq: 11 Dec 2024 05:54



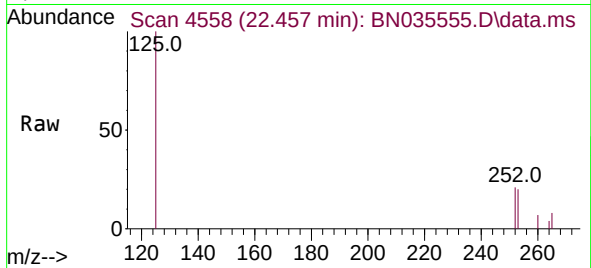
Tgt Ion:228 Resp: 43470
Ion Ratio Lower Upper
228 100
226 37.7 24.7 37.1#
229 46.6 16.0 24.0#





#24
Benzo(b)fluoranthene
Concen: 0.826 ng/ul m
RT: 22.457 min Scan# 4558
Delta R.T. 0.018 min
Lab File: BN035555.D
Acq: 11 Dec 2024 05:54

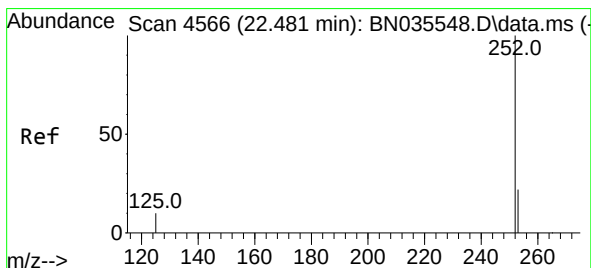
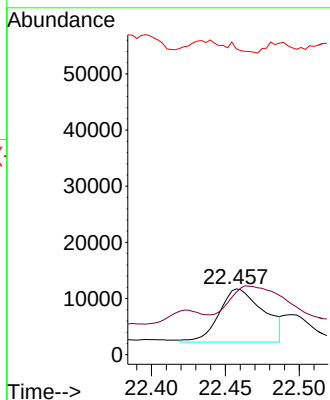
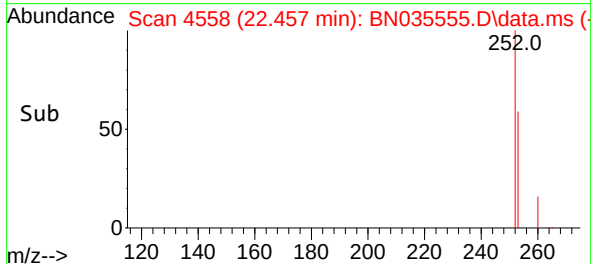
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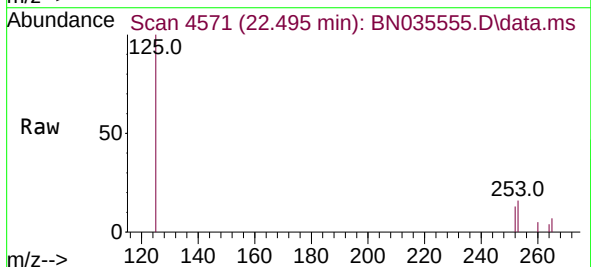
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Ion Ratio Lower Upper
252 100
253 94.7 0.0 54.0#
125 465.2 0.0 19.4#

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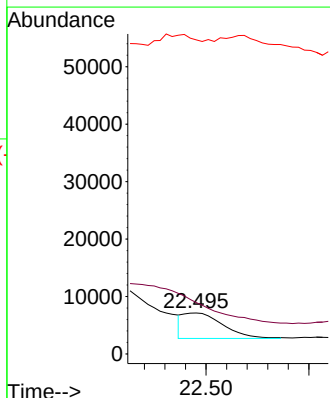
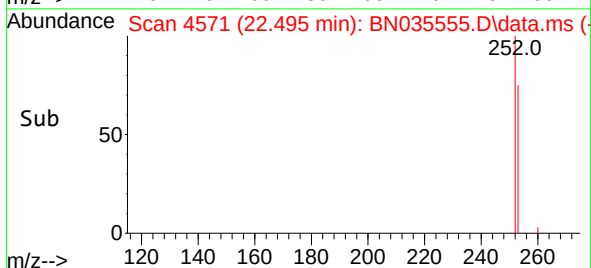
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

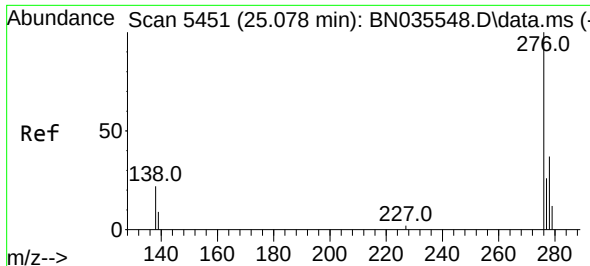


#25
Benzo(k)fluoranthene
Concen: 0.239 ng/ul m
RT: 22.495 min Scan# 4571
Delta R.T. 0.015 min
Lab File: BN035555.D
Acq: 11 Dec 2024 05:54



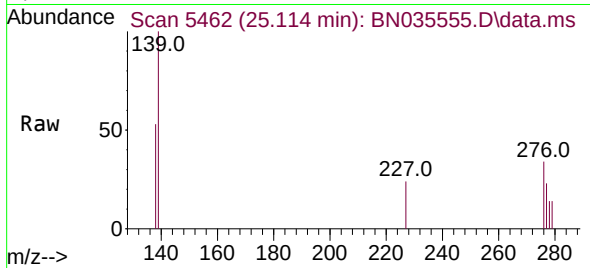
Tgt Ion:252 Resp: 5916
Ion Ratio Lower Upper
252 100
253 125.7 21.8 32.6#
125 767.5 8.6 12.8#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.257 ng/ul m
RT: 25.114 min Scan# 5451
Delta R.T. 0.034 min
Lab File: BN035555.D
Acq: 11 Dec 2024 05:54

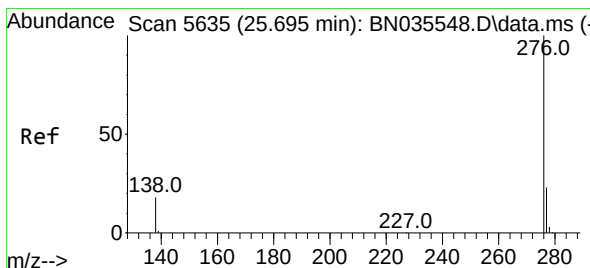
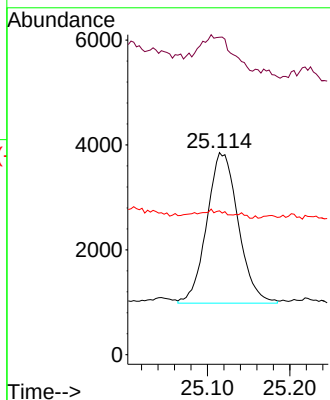
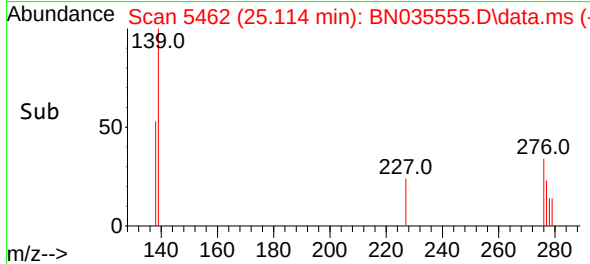
Instrument :
BNA_N
ClientSampleId :
E28M2



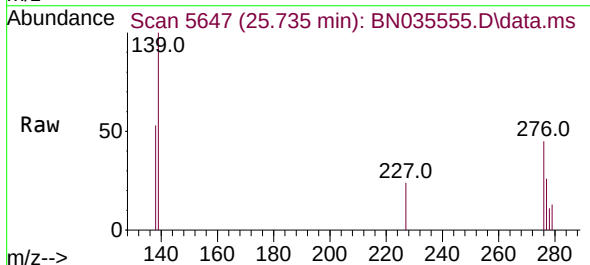
Tgt Ion:276 Resp: 761
Ion Ratio Lower Upper
276 100
138 686.7 13.8 20.8#
227 0.0 0.2 0.4#

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.397 ng/ul m
RT: 25.735 min Scan# 5647
Delta R.T. 0.044 min
Lab File: BN035555.D
Acq: 11 Dec 2024 05:54



Tgt Ion:276 Resp: 9267
Ion Ratio Lower Upper
276 100
138 117.8 13.0 19.6#
277 57.3 20.5 30.7#

