

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
 Data File : BN035569.D
 Acq On : 11 Dec 2024 16:41
 Operator : RC/JU
 Sample : P5153-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28P2

Manual Integrations
 APPROVED

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

Quant Time: Dec 11 17:54:44 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	7.289	152	2521	0.400	ng/ul	0.00
4) Naphthalene-d8	10.037	136	7339	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.949	164	5023	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188	10737	0.400	ng/ul	0.00
17) Chrysene-d12	20.964	240	8459	0.400	ng/ul	0.00
23) Perylene-d12	23.051	264	7349m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.964	96	8214	3.565	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152	2258	0.210	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	5377	0.230	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.081	128	724m	0.039	ng/ul	
7) 2-Methylnaphthalene	11.714	142	494	0.039	ng/ul	99
8) 1-Methylnaphthalene	11.939	142	409	0.032	ng/ul	99
10) Acenaphthylene	13.662	152	1501	0.075	ng/ul#	90
11) Acenaphthene	14.009	153	502	0.033	ng/ul	94
12) Fluorene	15.013	166	667	0.037	ng/ul#	94
15) Phenanthrene	16.755	178	15612	0.550	ng/ul	99
16) Anthracene	16.848	178	3982	0.151	ng/ul	96
19) Fluoranthene	18.800	202	34860	1.184	ng/ul	100
20) Pyrene	19.167	202	30564	0.997	ng/ul	97
21) Benzo(a)anthracene	20.947	228	15178	0.517	ng/ul	97
22) Chrysene	20.999	228	15268	0.517	ng/ul	97
24) Benzo(b)fluoranthene	22.446	252	17651m	0.727	ng/ul	
25) Benzo(k)fluoranthene	22.481	252	6758m	0.270	ng/ul	
26) Benzo(a)pyrene	22.963	252	11902m	0.536	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.084	276	7068m	0.236	ng/ul	
28) Dibenzo(a,h)anthracene	25.091	278	1721m	0.073	ng/ul	
29) Benzo(g,h,i)perylene	25.695	276	6892m	0.292	ng/ul	

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

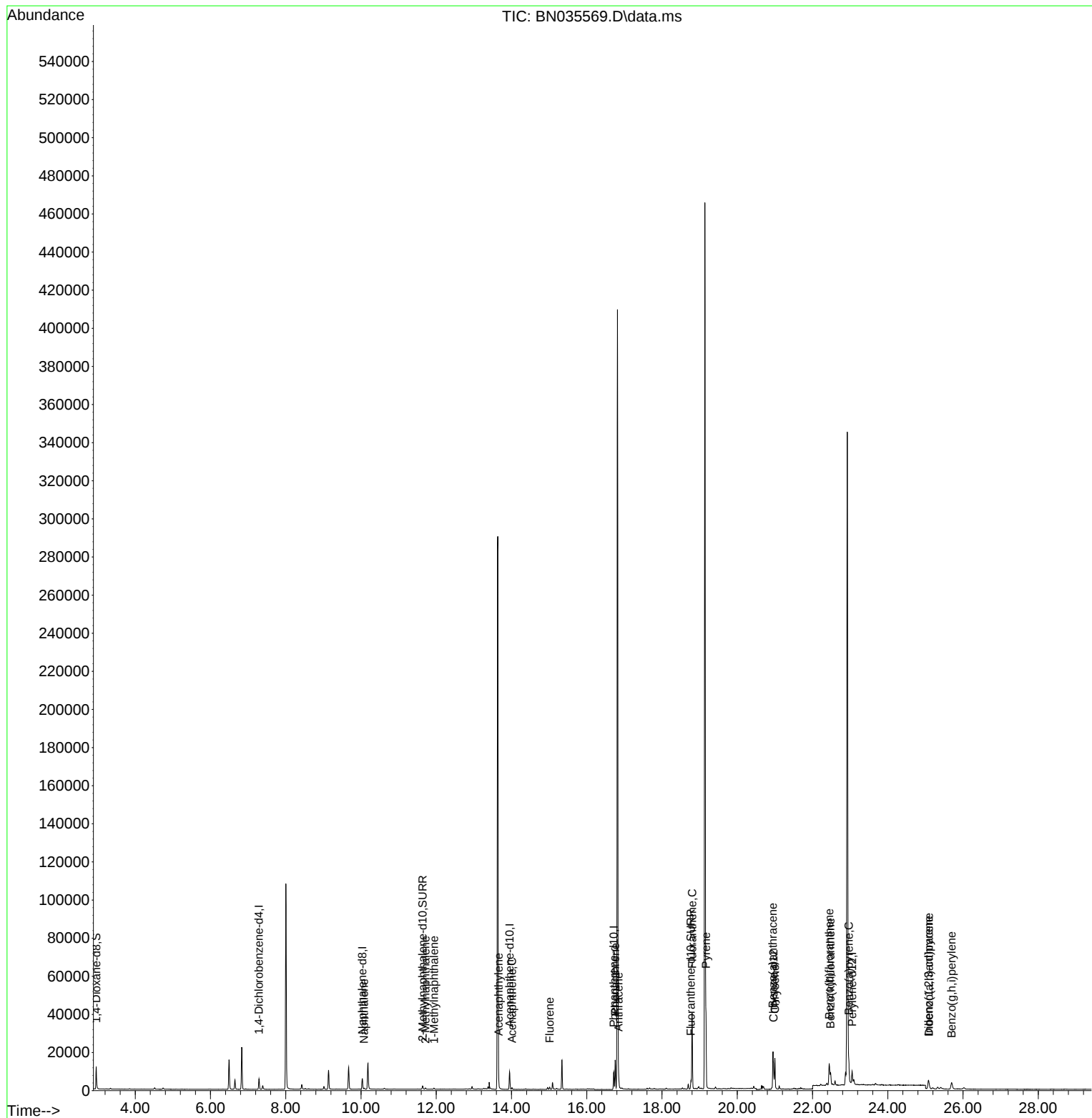
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035569.D
Acq On : 11 Dec 2024 16:41
Operator : RC/JU
Sample : P5153-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

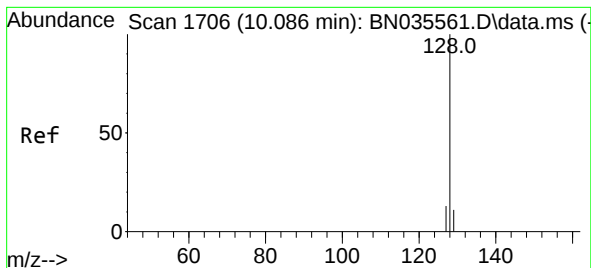
Instrument :
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#5

Naphthalene

Concen: 0.039 ng/ul m

RT: 10.081 min Scan# 1705

Delta R.T. -0.005 min

Lab File: BN035569.D

Acq: 11 Dec 2024 16:41

Instrument :

BNA_N

ClientSampleId :

E28P2

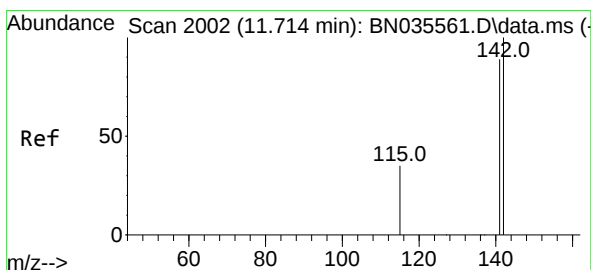
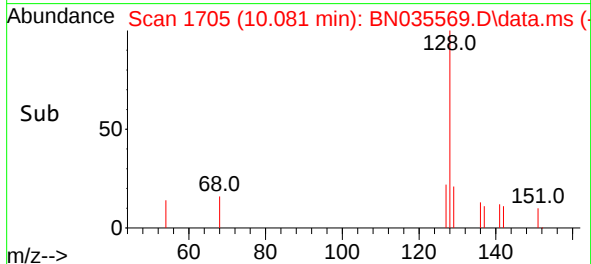
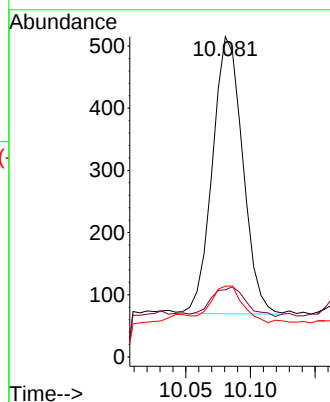
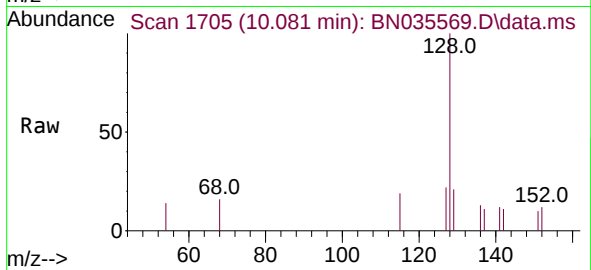
Tgt Ion:128	Resp:	724
Ion Ratio	Lower	Upper
128	100	
129	21.0	9.9 14.9
127	22.1	11.4 17.2

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#7

2-Methylnaphthalene

Concen: 0.039 ng/ul

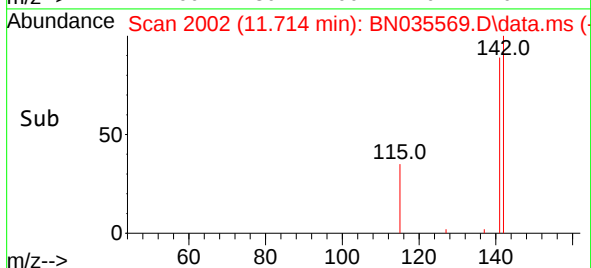
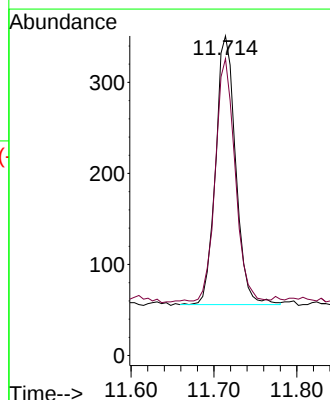
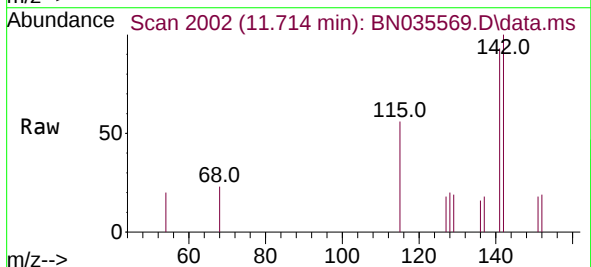
RT: 11.714 min Scan# 2002

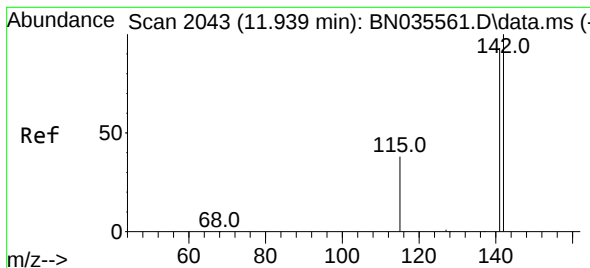
Delta R.T. 0.000 min

Lab File: BN035569.D

Acq: 11 Dec 2024 16:41

Tgt Ion:142	Resp:	494
Ion Ratio	Lower	Upper
142	100	
141	88.7	70.4 105.6





#8

1-Methylnaphthalene

Concen: 0.032 ng/ul

RT: 11.939 min Scan# 2043

Delta R.T. -0.005 min

Lab File: BN035569.D

Acq: 11 Dec 2024 16:41

Instrument :

BNA_N

ClientSampleId :

E28P2

Tgt Ion:142 Resp: 409

Ion Ratio Lower Upper

142 100

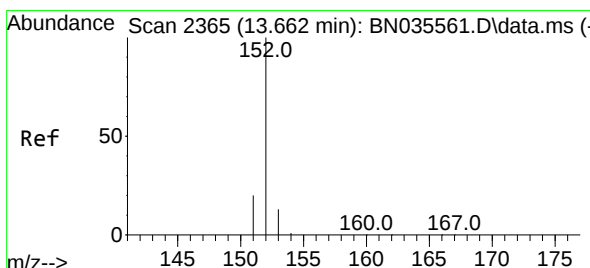
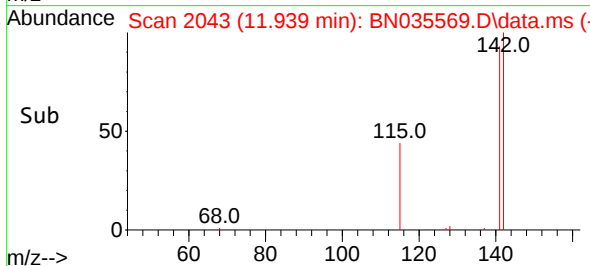
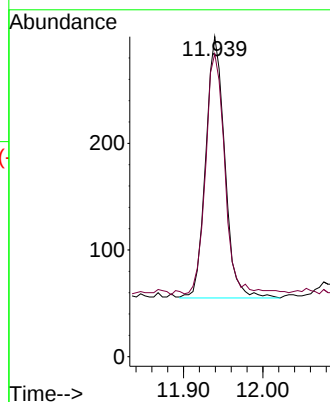
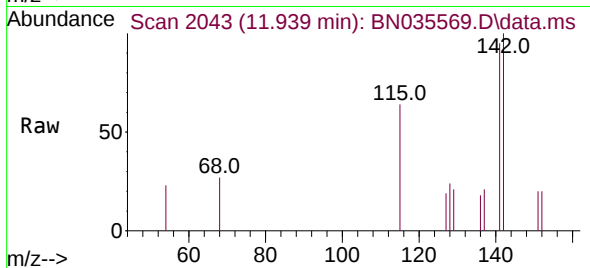
141 92.4 73.1 109.7

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#10

Acenaphthylene

Concen: 0.075 ng/ul

RT: 13.662 min Scan# 2365

Delta R.T. 0.000 min

Lab File: BN035569.D

Acq: 11 Dec 2024 16:41

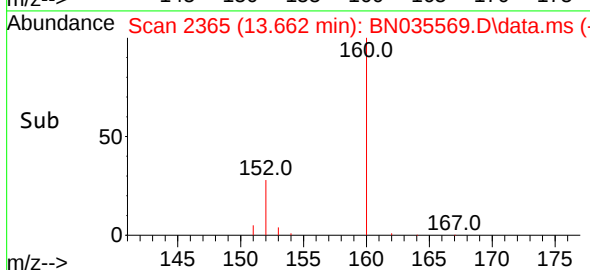
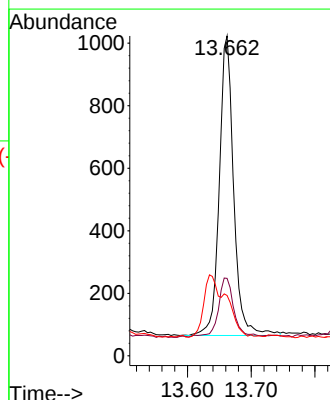
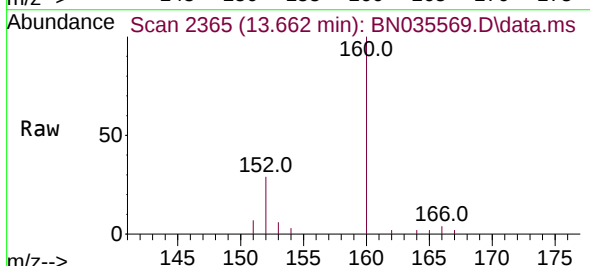
Tgt Ion:152 Resp: 1501

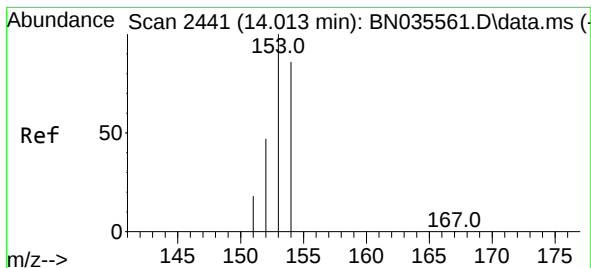
Ion Ratio Lower Upper

152 100

151 24.2 16.4 24.6

153 18.9 11.1 16.7#





#11

Acenaphthene

Concen: 0.033 ng/ul

RT: 14.009 min Scan# 2441

Delta R.T. -0.004 min

Lab File: BN035569.D

Acq: 11 Dec 2024 16:41

Instrument :

BNA_N

ClientSampleId :

E28P2

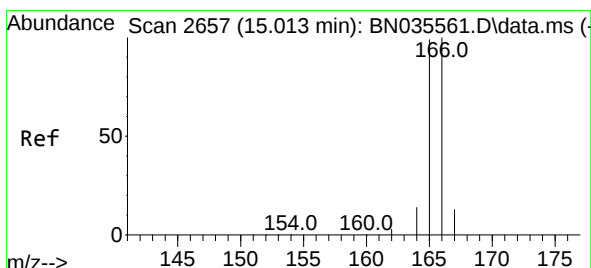
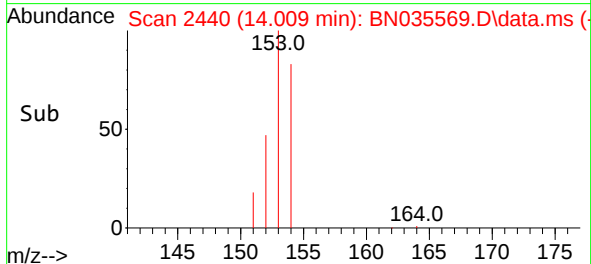
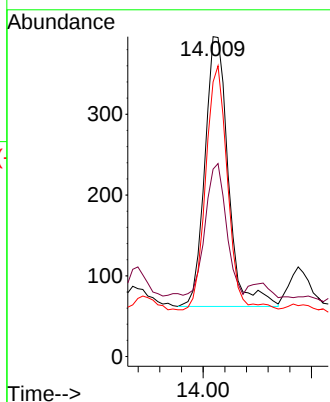
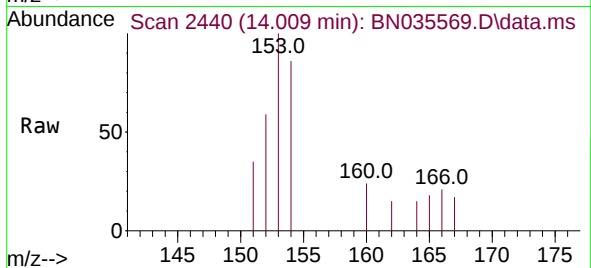
Tgt Ion:	153	Resp:	502
Ion Ratio	Lower	Upper	
153	100		
152	58.6	41.4	62.0
154	85.9	71.2	106.8

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Supervised By :mohammad ahmed 12/12/2024



#12

Fluorene

Concen: 0.037 ng/ul

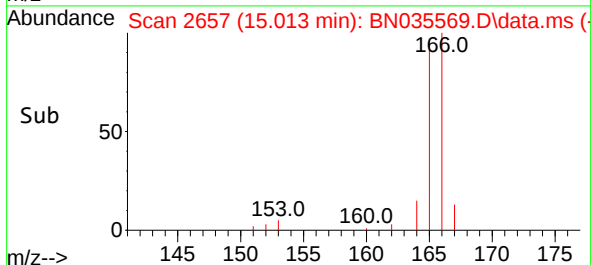
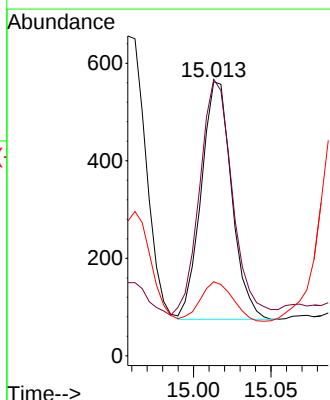
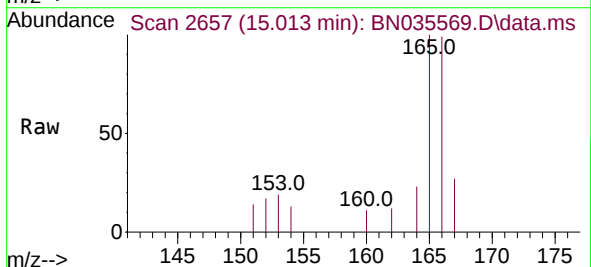
RT: 15.013 min Scan# 2657

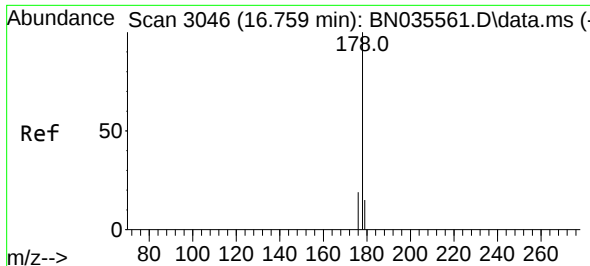
Delta R.T. -0.004 min

Lab File: BN035569.D

Acq: 11 Dec 2024 16:41

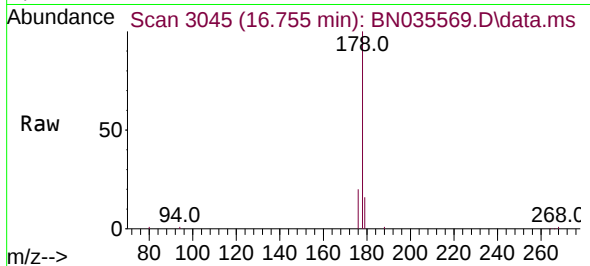
Tgt Ion:	166	Resp:	667
Ion Ratio	Lower	Upper	
166	100		
165	100.9	78.6	118.0
167	27.0	11.8	17.6#





#15
Phenanthrene
Concen: 0.550 ng/ul
RT: 16.755 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BN035569.D
Acq: 11 Dec 2024 16:41

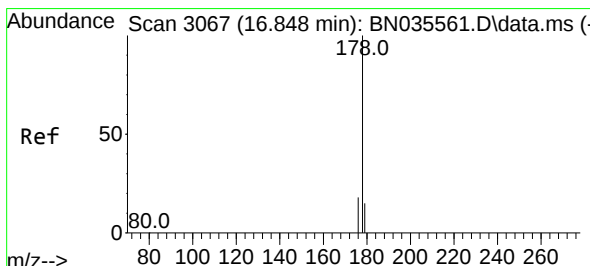
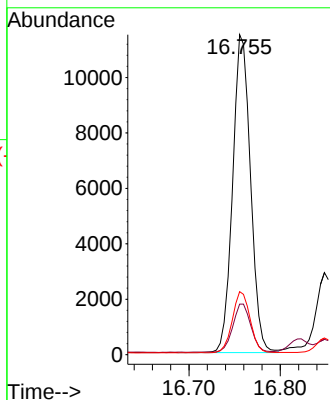
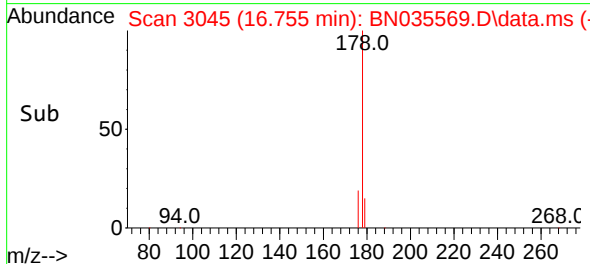
Instrument :
BNA_N
ClientSampleId :
E28P2



Tgt Ion:178 Resp: 1561
Ion Ratio Lower Upper
178 100
179 15.8 12.9 19.3
176 19.7 15.6 23.4

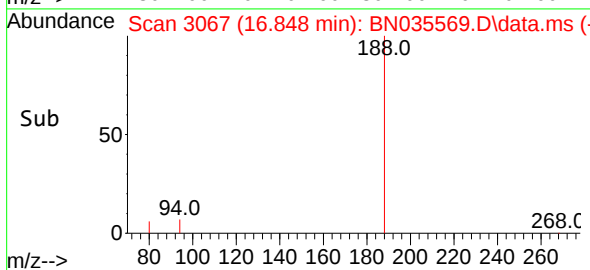
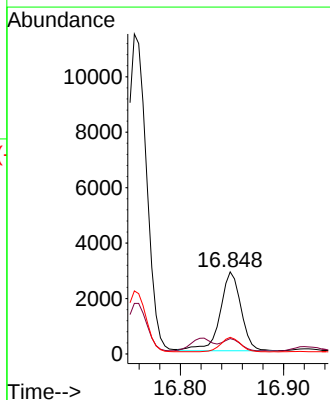
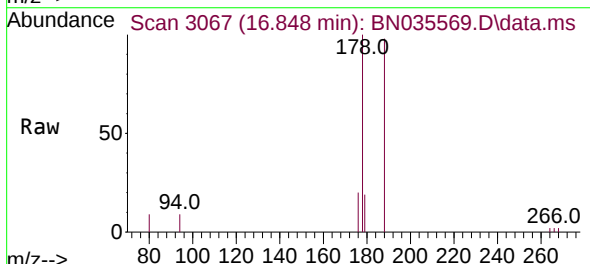
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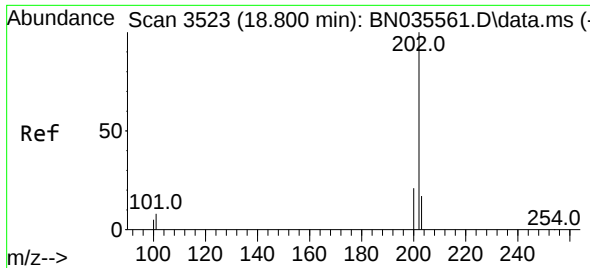
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#16
Anthracene
Concen: 0.151 ng/ul
RT: 16.848 min Scan# 3067
Delta R.T. 0.000 min
Lab File: BN035569.D
Acq: 11 Dec 2024 16:41

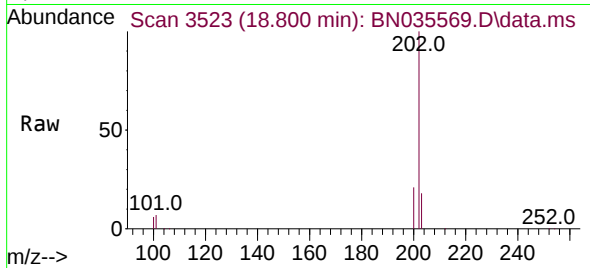
Tgt Ion:178 Resp: 3982
Ion Ratio Lower Upper
178 100
179 18.8 12.9 19.3
176 20.4 15.4 23.2





#19
Fluoranthene
Concen: 1.184 ng/ul
RT: 18.800 min Scan# 3523
Delta R.T. 0.000 min
Lab File: BN035569.D
Acq: 11 Dec 2024 16:41

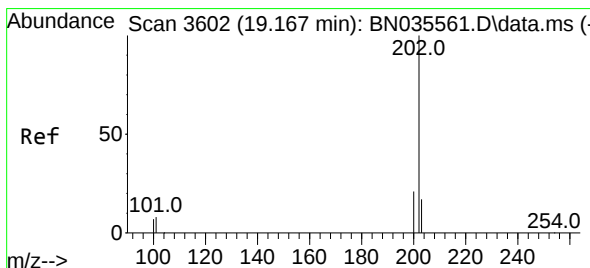
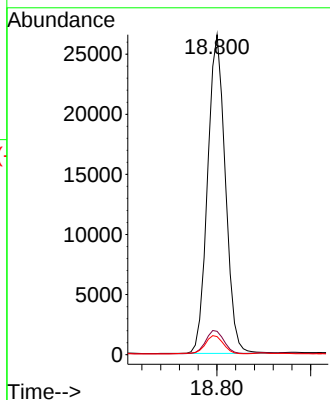
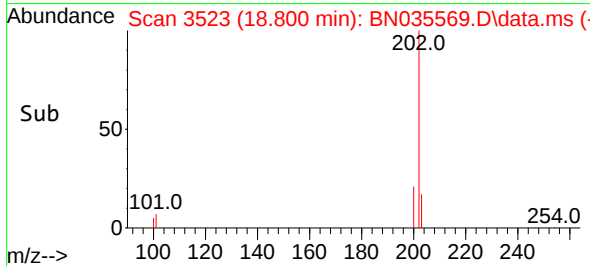
Instrument :
BNA_N
ClientSampleId :
E28P2



Tgt Ion:202 Resp: 34860
Ion Ratio Lower Upper
202 100
101 7.3 5.8 8.6
100 5.7 4.5 6.7

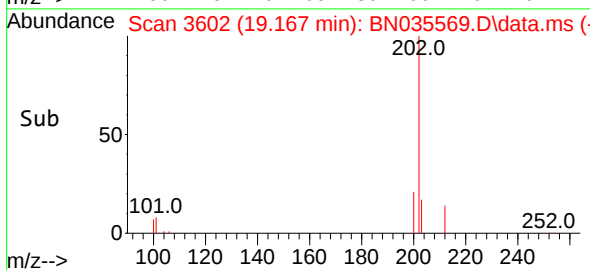
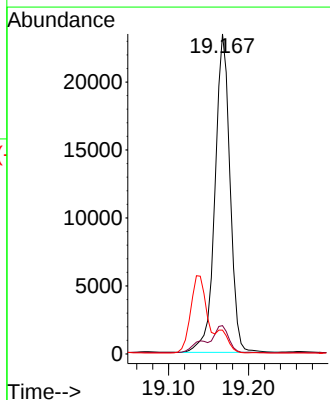
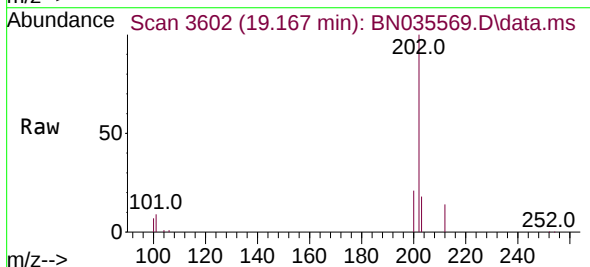
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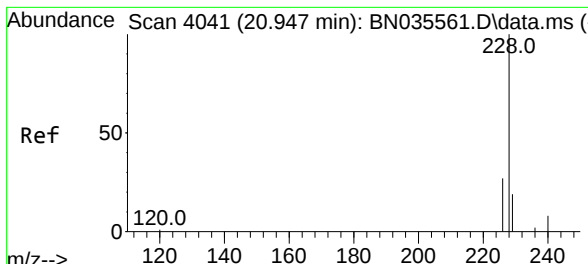
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#20
Pyrene
Concen: 0.997 ng/ul
RT: 19.167 min Scan# 3602
Delta R.T. 0.000 min
Lab File: BN035569.D
Acq: 11 Dec 2024 16:41

Tgt Ion:202 Resp: 30564
Ion Ratio Lower Upper
202 100
101 8.9 6.2 9.4
100 7.4 5.1 7.7





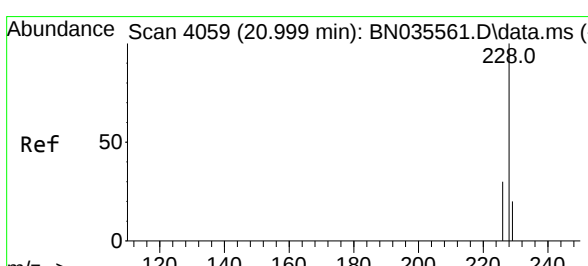
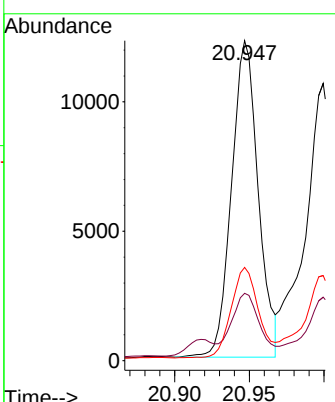
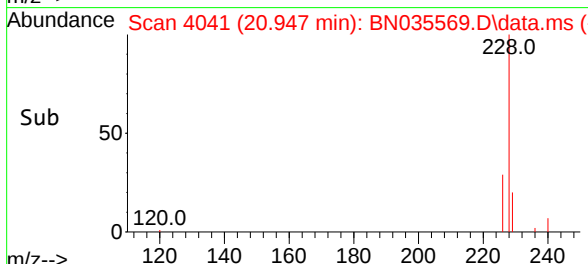
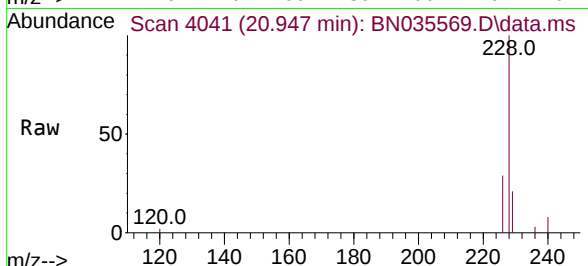
#21
 Benzo(a)anthracene
 Concen: 0.517 ng/ul
 RT: 20.947 min Scan# 4041
 Delta R.T. 0.000 min
 Lab File: BN035569.D
 Acq: 11 Dec 2024 16:41

Instrument : BNA_N
 ClientSampleId : E28P2

Tgt Ion:228 Resp: 15178

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.8	23.8
226	29.1	21.8	32.8

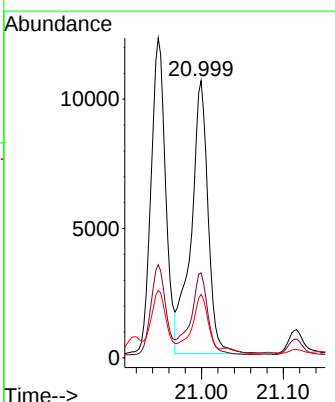
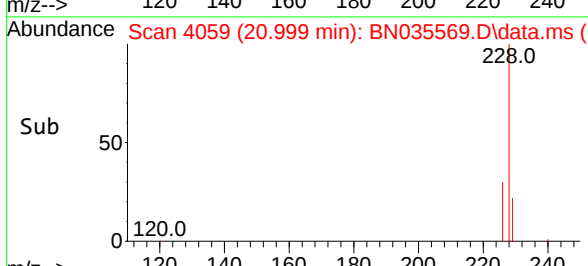
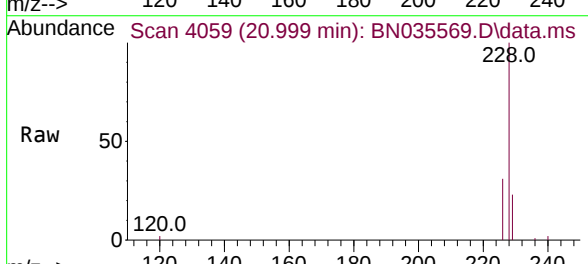
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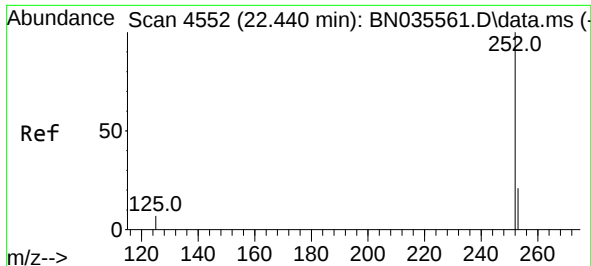


#22
 Chrysene
 Concen: 0.517 ng/ul
 RT: 20.999 min Scan# 4059
 Delta R.T. 0.003 min
 Lab File: BN035569.D
 Acq: 11 Dec 2024 16:41

Tgt Ion:228 Resp: 15268

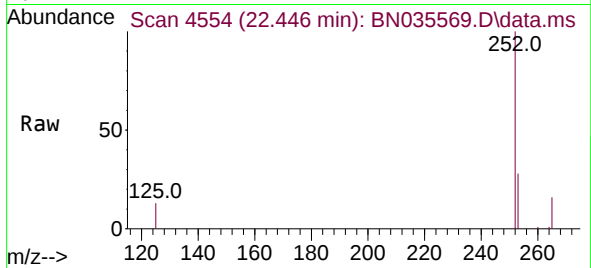
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.7	37.1
229	22.9	16.0	24.0





#24
Benzo(b)fluoranthene
Concen: 0.727 ng/ul m
RT: 22.446 min Scan# 4554
Delta R.T. 0.006 min
Lab File: BN035569.D
Acq: 11 Dec 2024 16:41

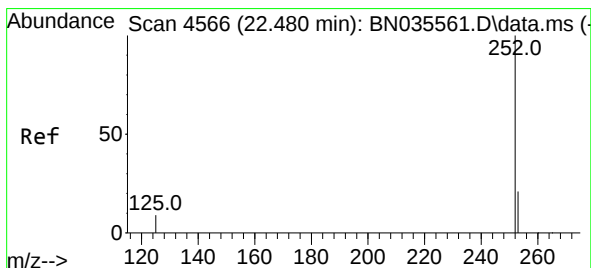
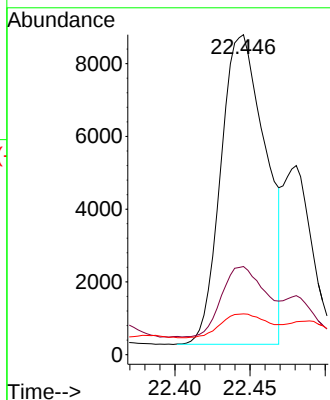
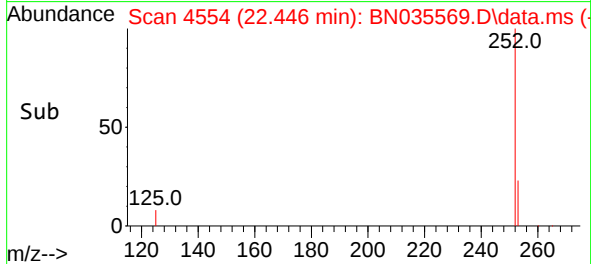
Instrument :
BNA_N
ClientSampleId :
E28P2



Tgt Ion:252 Resp: 1765
Ion Ratio Lower Upper
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253 27.5 0.0 54.0
125 12.8 0.0 19.4

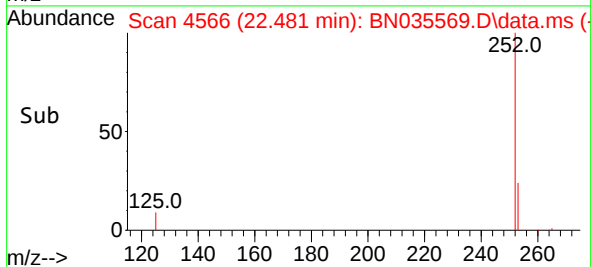
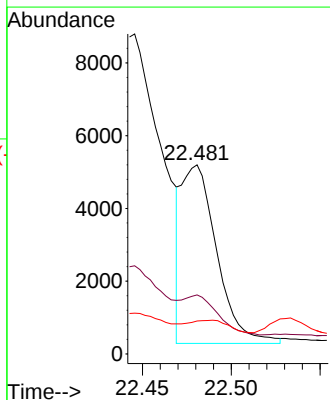
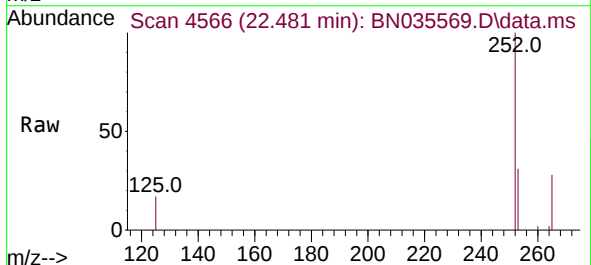
Manual Integrations
APPROVED

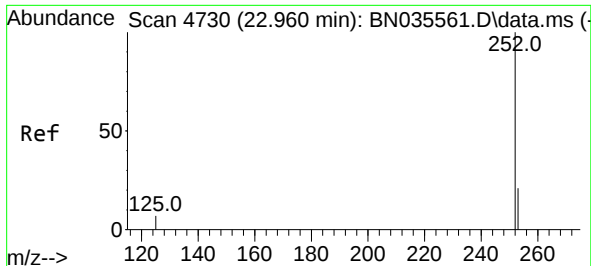
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#25
Benzo(k)fluoranthene
Concen: 0.270 ng/ul m
RT: 22.481 min Scan# 4566
Delta R.T. 0.000 min
Lab File: BN035569.D
Acq: 11 Dec 2024 16:41

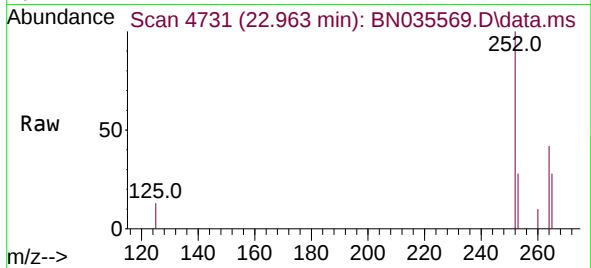
Tgt Ion:252 Resp: 6758
Ion Ratio Lower Upper
252 100
253 31.2 21.8 32.6
125 17.4 8.6 12.8#





#26
Benzo(a)pyrene
Concen: 0.536 ng/ul m
RT: 22.963 min Scan# 4731
Delta R.T. 0.003 min
Lab File: BN035569.D
Acq: 11 Dec 2024 16:41

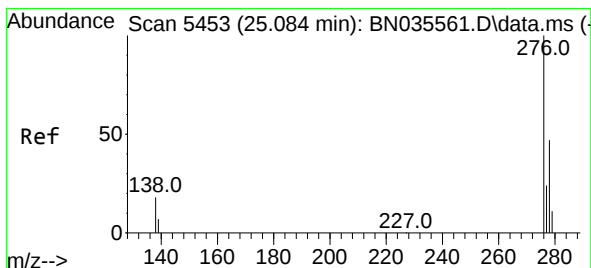
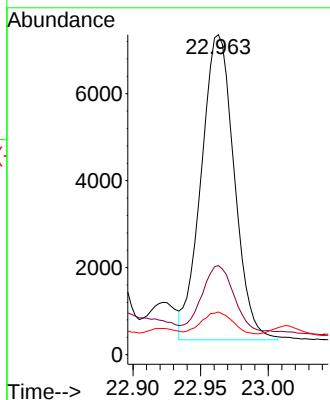
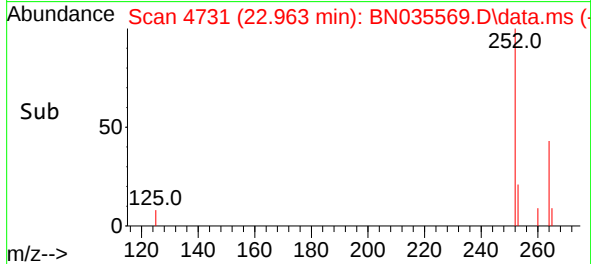
Instrument :
BNA_N
ClientSampleId :
E28P2



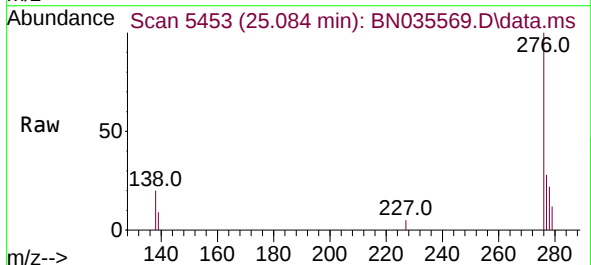
Tgt Ion:252 Resp: 1190
Ion Ratio Lower Upper
252 100
253 27.9 22.9 34.3
125 13.3 9.4 14.2

Manual Integrations
APPROVED

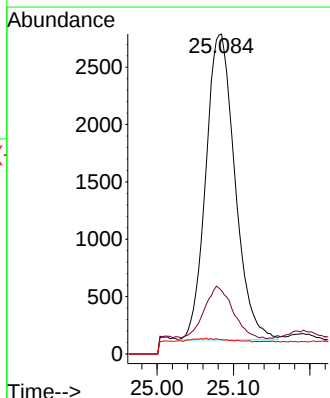
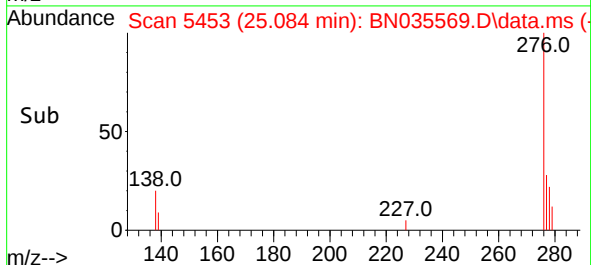
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

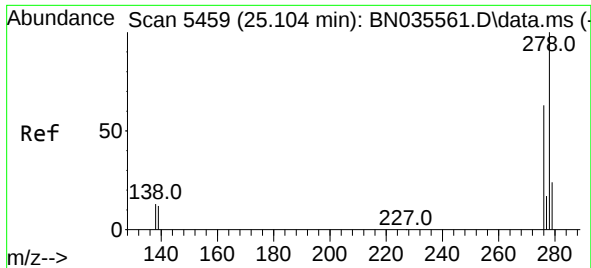


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.236 ng/ul m
RT: 25.084 min Scan# 5453
Delta R.T. 0.004 min
Lab File: BN035569.D
Acq: 11 Dec 2024 16:41



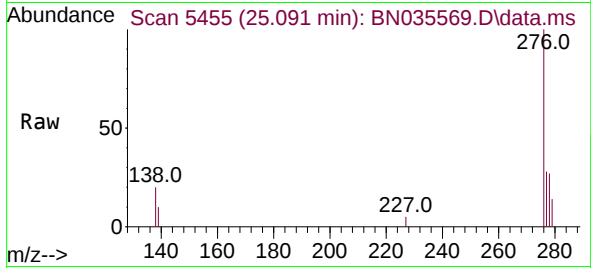
Tgt Ion:276 Resp: 7068
Ion Ratio Lower Upper
276 100
138 0.0 13.8 20.8#
227 0.0 0.2 0.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.073 ng/ul m
RT: 25.091 min Scan# 5459
Delta R.T. -0.010 min
Lab File: BN035569.D
Acq: 11 Dec 2024 16:41

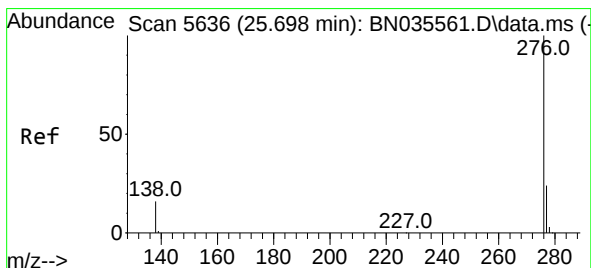
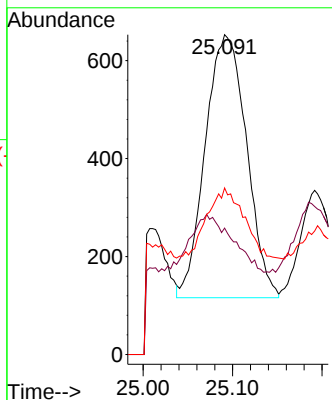
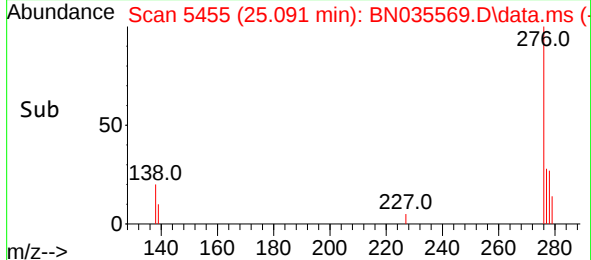
Instrument :
BNA_N
ClientSampleId :
E28P2



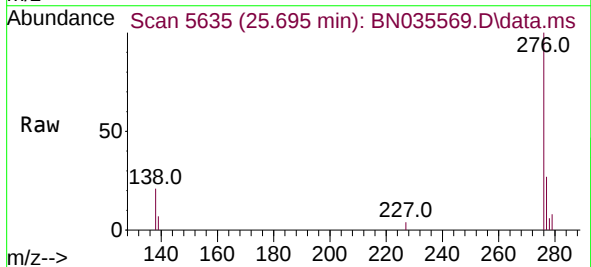
Tgt Ion:278 Resp: 172
Ion Ratio Lower Upper
278 100
139 39.5 10.7 16.1
279 52.1 22.8 34.2

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



#29
Benzo(g,h,i)perylene
Concen: 0.292 ng/ul m
RT: 25.695 min Scan# 5635
Delta R.T. 0.004 min
Lab File: BN035569.D
Acq: 11 Dec 2024 16:41



Tgt Ion:276 Resp: 6892
Ion Ratio Lower Upper
276 100
138 21.0 13.0 19.6
277 27.2 20.5 30.7

