

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
 Data File : BN035592.D
 Acq On : 13 Dec 2024 12:07
 Operator : RC/JU
 Sample : P5153-13DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28Q0DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2024
 Supervised By :mohammad ahmed 12/14/2024

Quant Time: Dec 13 15:01:25 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	1799	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	5436	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	13.949	164	3654	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	8379	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.961	240	7998	0.400	ng/ul	# 0.00
23) Perylene-d12	23.048	264	7773m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.959	96	1370	0.833	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152	324	0.041	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	738	0.033	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.080	128	988m	0.072	ng/ul	
7) 2-Methylnaphthalene	11.714	142	802	0.084	ng/ul	98
8) 1-Methylnaphthalene	11.939	142	623	0.065	ng/ul	95
10) Acenaphthylene	13.662	152	771	0.053	ng/ul#	78
15) Phenanthrene	16.755	178	3294	0.149	ng/ul	94
16) Anthracene	16.848	178	1564	0.076	ng/ul#	88
19) Fluoranthene	18.795	202	43524	1.563	ng/ul	96
20) Pyrene	19.163	202	42665	1.472	ng/ul#	96
21) Benzo(a)anthracene	20.944	228	38666	1.393	ng/ul	98
22) Chrysene	20.996	228	32095	1.149	ng/ul	96
24) Benzo(b)fluoranthene	22.437	252	54256m	2.112	ng/ul	
25) Benzo(k)fluoranthene	22.475	252	18892m	0.713	ng/ul	
26) Benzo(a)pyrene	22.957	252	32866	1.400	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.074	276	19131m	0.603	ng/ul	
28) Dibenzo(a,h)anthracene	25.084	278	4651m	0.187	ng/ul	
29) Benzo(g,h,i)perylene	25.688	276	18333	0.733	ng/ul	98

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

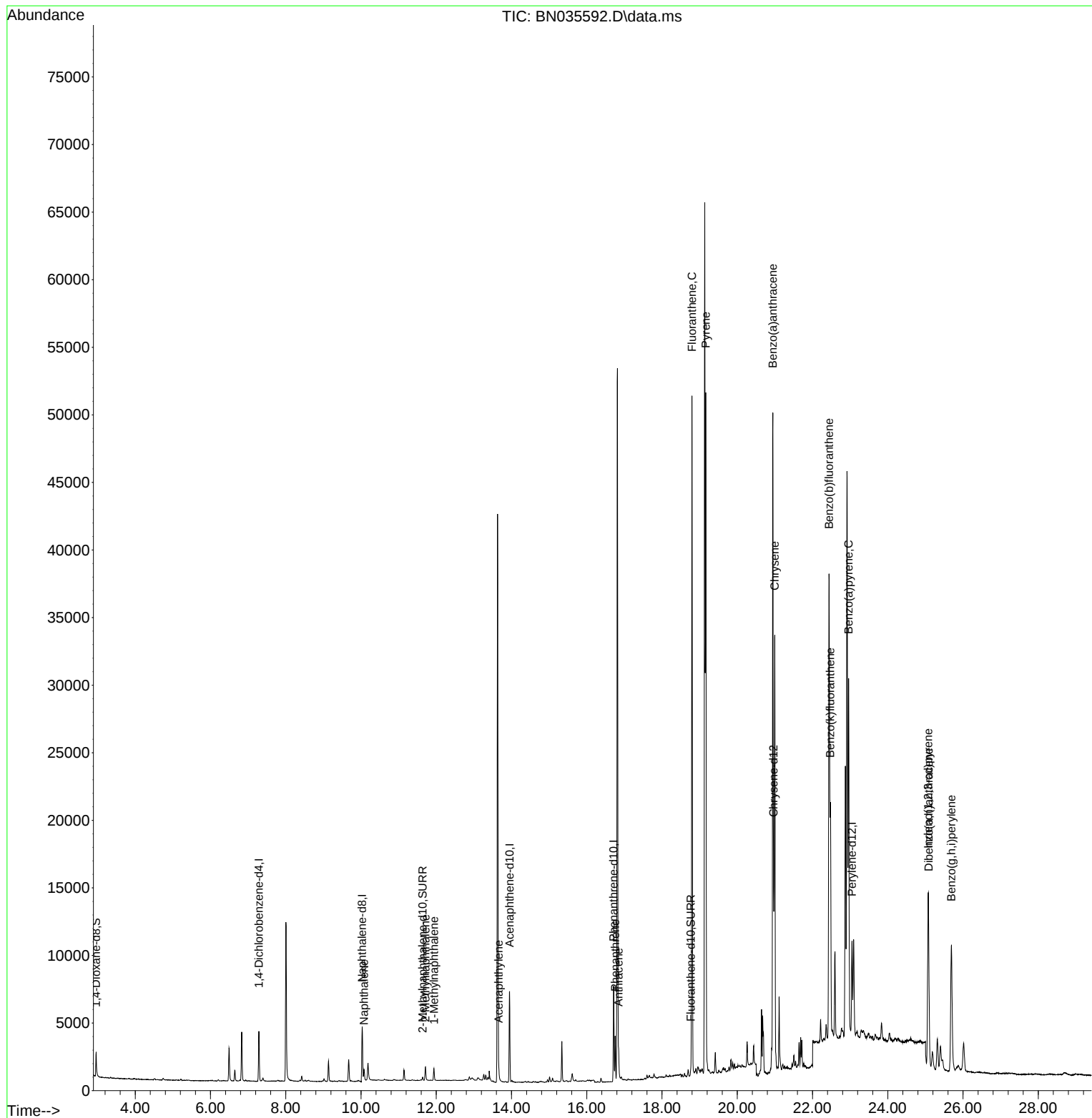
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035592.D
Acq On : 13 Dec 2024 12:07
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Sample : P5153-13DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

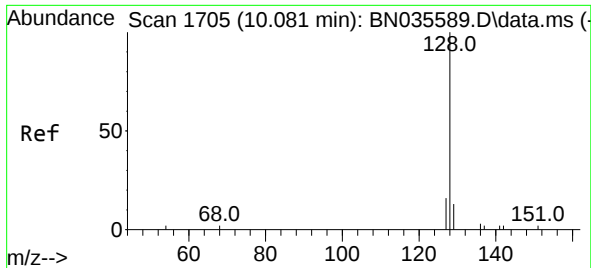
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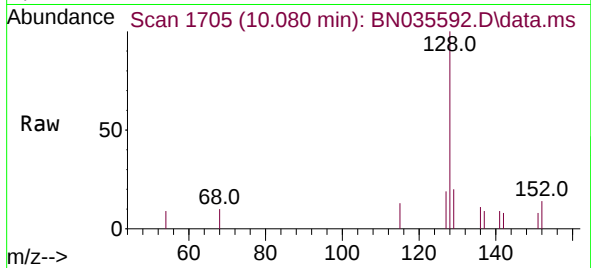
Quant Time: Dec 13 15:01:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.072 ng/ul m
RT: 10.080 min Scan# 1705
Delta R.T. -0.005 min
Lab File: BN035592.D
Acq: 13 Dec 2024 12:07

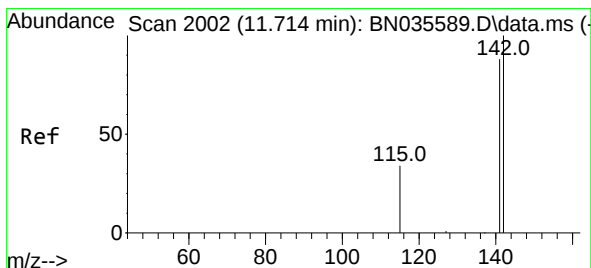
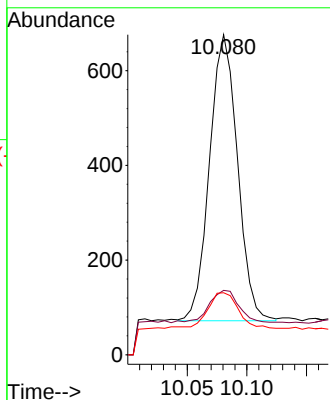
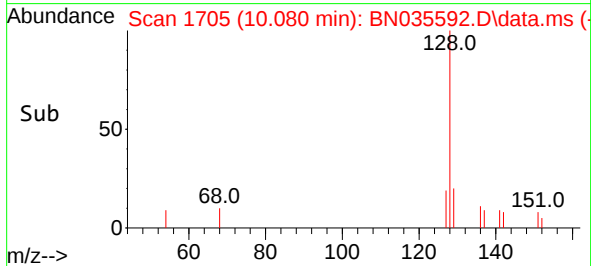
Instrument :
BNA_N
ClientSampleId :
E28Q0DL



Tgt Ion:128 Resp: 988
Ion Ratio Lower Upper
128 100
129 20.1 9.9 14.9
127 19.4 11.4 17.2

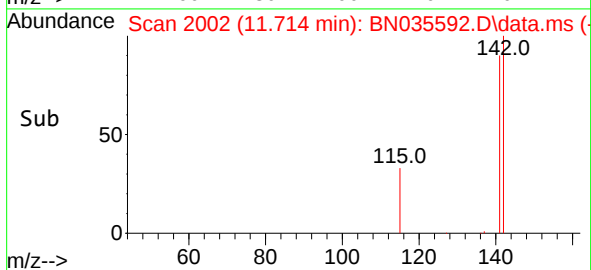
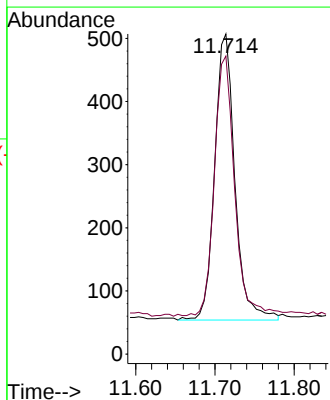
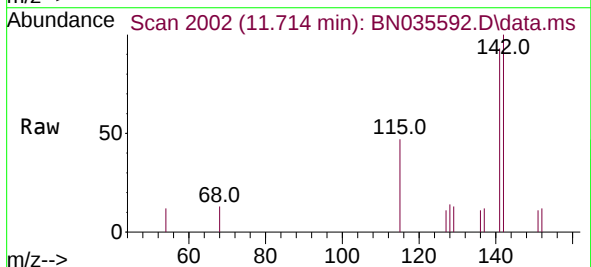
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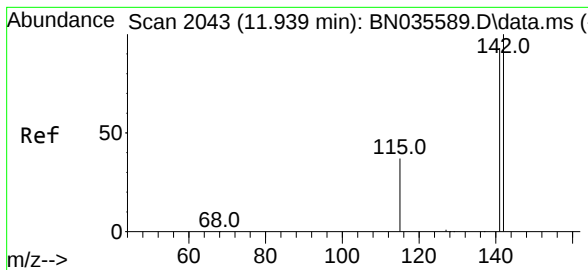
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#7
2-Methylnaphthalene
Concen: 0.084 ng/ul
RT: 11.714 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN035592.D
Acq: 13 Dec 2024 12:07

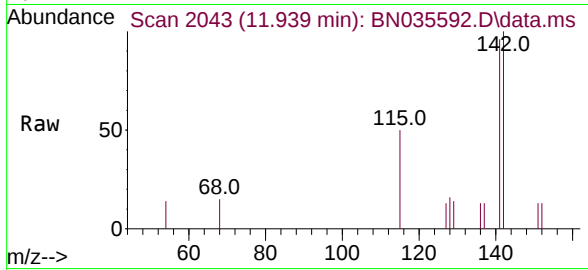
Tgt Ion:142 Resp: 802
Ion Ratio Lower Upper
142 100
141 90.3 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.065 ng/u1
RT: 11.939 min Scan# 2043
Delta R.T. -0.005 min
Lab File: BN035592.D
Acq: 13 Dec 2024 12:07

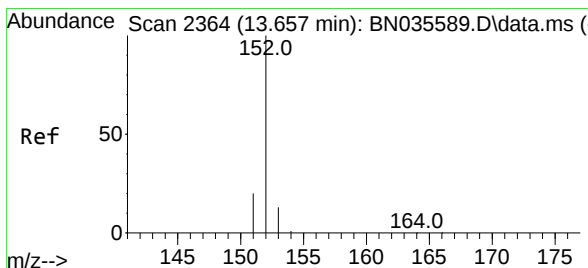
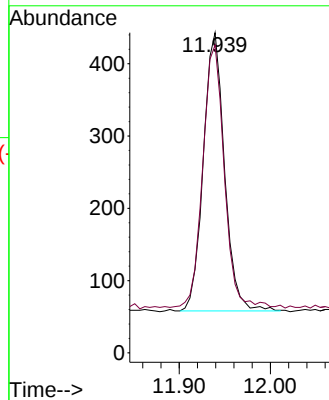
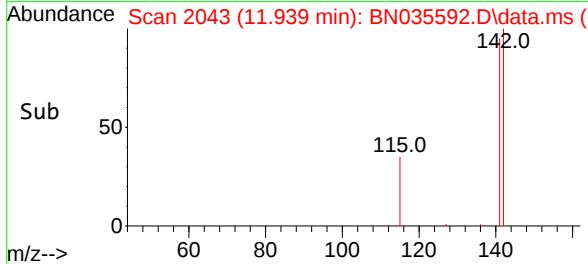
Instrument :
BNA_N
ClientSampleId :
E28Q0DL



Tgt Ion:142 Resp: 621
Ion Ratio Lower Upper
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141 96.1 73.1 109.7

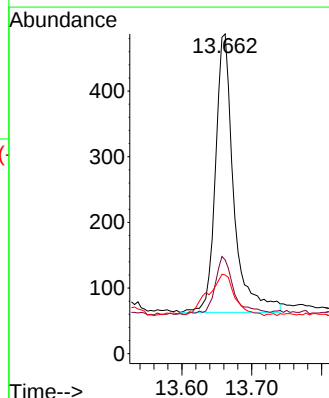
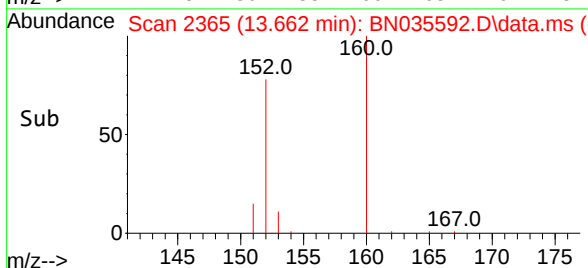
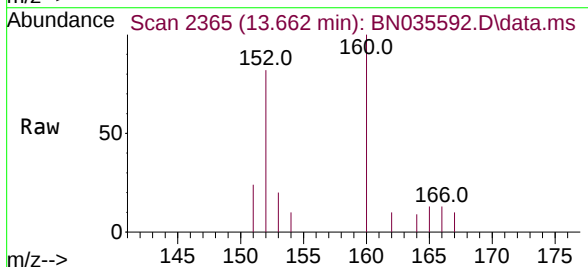
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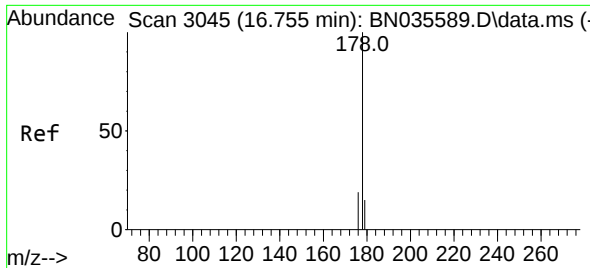
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#10
Acenaphthylene
Concen: 0.053 ng/u1
RT: 13.662 min Scan# 2365
Delta R.T. 0.000 min
Lab File: BN035592.D
Acq: 13 Dec 2024 12:07

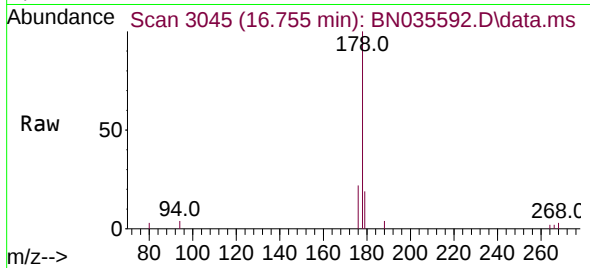
Tgt Ion:152 Resp: 771
Ion Ratio Lower Upper
152 100
151 29.4 16.4 24.6#
153 24.6 11.1 16.7#





#15
Phenanthrene
Concen: 0.149 ng/u1
RT: 16.755 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BN035592.D
Acq: 13 Dec 2024 12:07

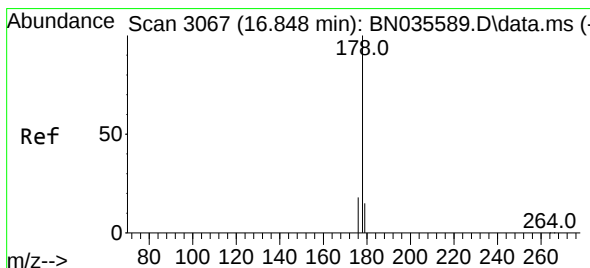
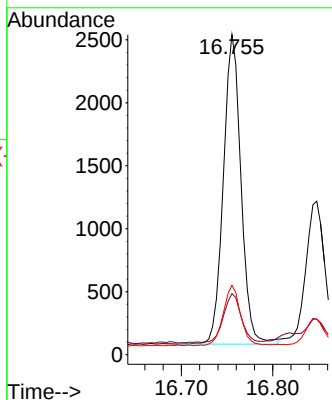
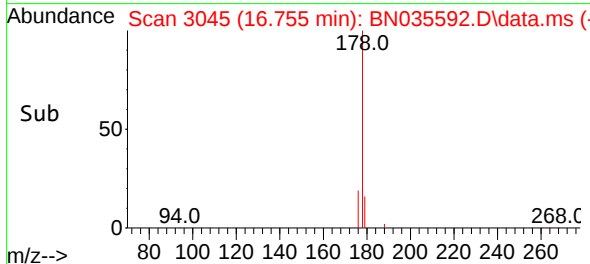
Instrument :
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ClientSampleId :
E28Q0DL



Tgt Ion:178 Resp: 3294
Ion Ratio Lower Upper
178 100
179 19.1 12.9 19.3
176 21.6 15.6 23.4

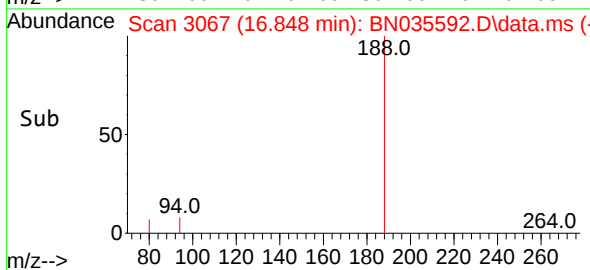
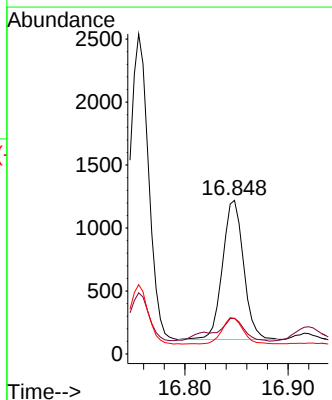
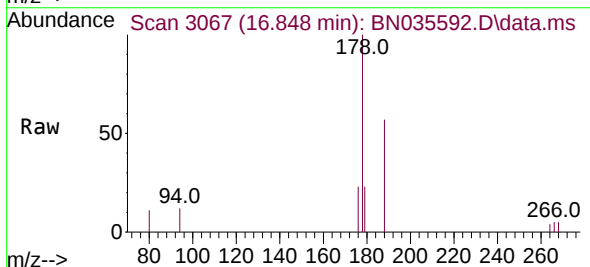
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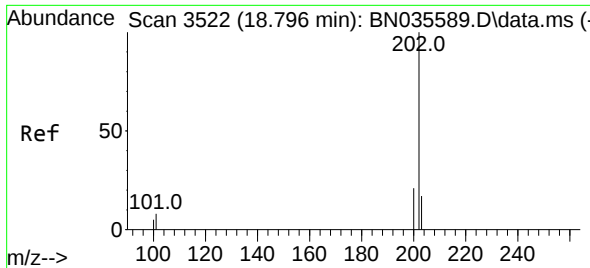
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#16
Anthracene
Concen: 0.076 ng/u1
RT: 16.848 min Scan# 3067
Delta R.T. 0.000 min
Lab File: BN035592.D
Acq: 13 Dec 2024 12:07

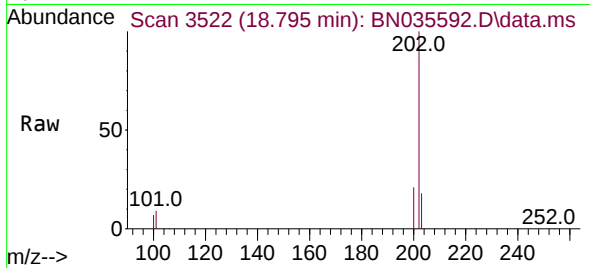
Tgt Ion:178 Resp: 1564
Ion Ratio Lower Upper
178 100
179 23.2 12.9 19.3#
176 23.1 15.4 23.2





#19
Fluoranthene
Concen: 1.563 ng/ul
RT: 18.795 min Scan# 3522
Delta R.T. -0.005 min
Lab File: BN035592.D
Acq: 13 Dec 2024 12:07

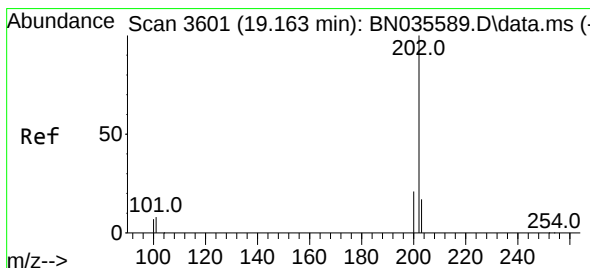
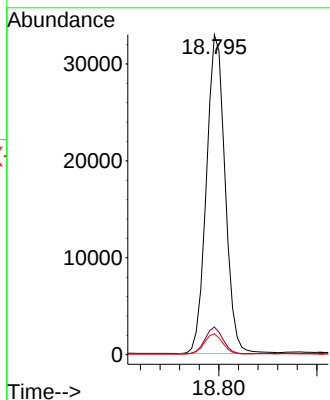
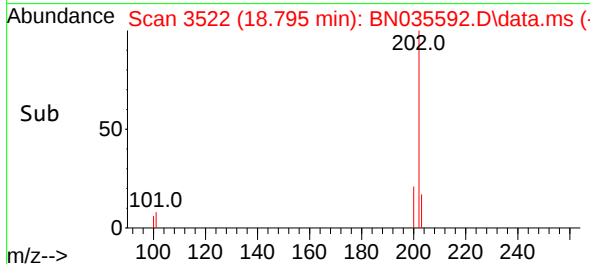
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BNA_N
ClientSampleId :
E28Q0DL



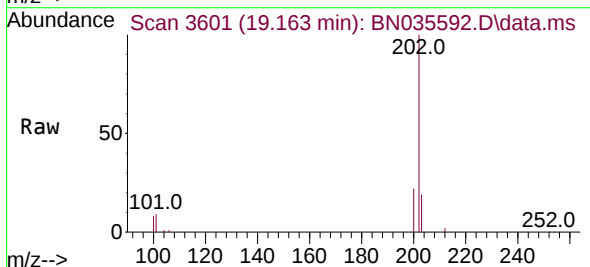
Tgt Ion:202 Resp: 43524
Ion Ratio Lower Upper
202 100
101 8.6 5.8 8.6
100 6.5 4.5 6.7

Manual Integrations
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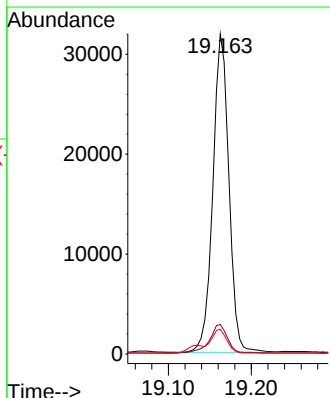
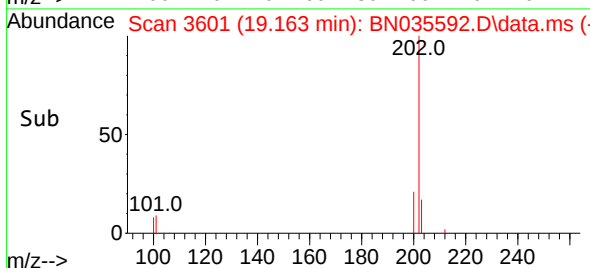
Reviewed By :Yogesh Patel 12/14/2024
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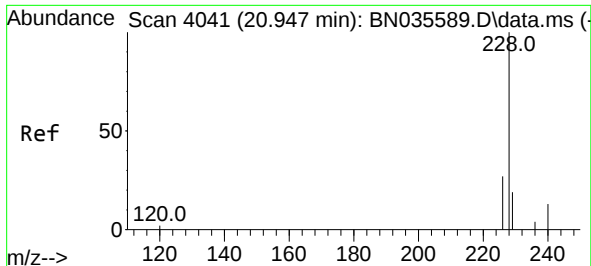


#20
Pyrene
Concen: 1.472 ng/ul
RT: 19.163 min Scan# 3601
Delta R.T. -0.005 min
Lab File: BN035592.D
Acq: 13 Dec 2024 12:07



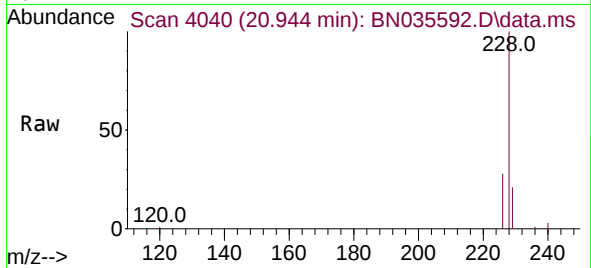
Tgt Ion:202 Resp: 42665
Ion Ratio Lower Upper
202 100
101 9.2 6.2 9.4
100 7.7 5.1 7.7#





#21
Benzo(a)anthracene
Concen: 1.393 ng/ul
RT: 20.944 min Scan# 4041
Delta R.T. -0.003 min
Lab File: BN035592.D
Acq: 13 Dec 2024 12:07

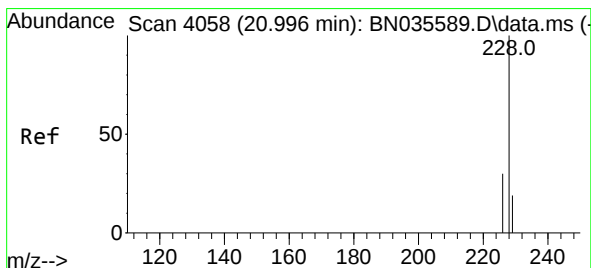
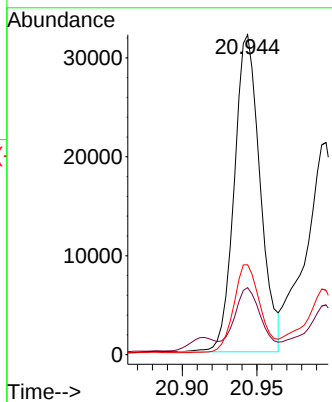
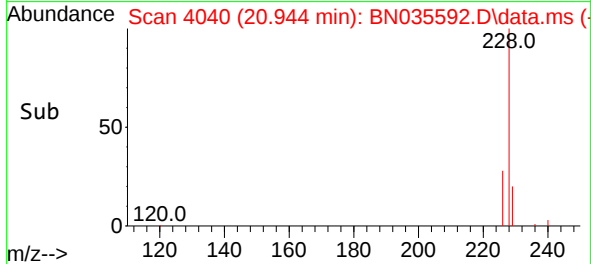
Instrument :
BNA_N
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E28Q0DL



Tgt Ion:228 Resp: 38660
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.8
226 28.1 21.8 32.8

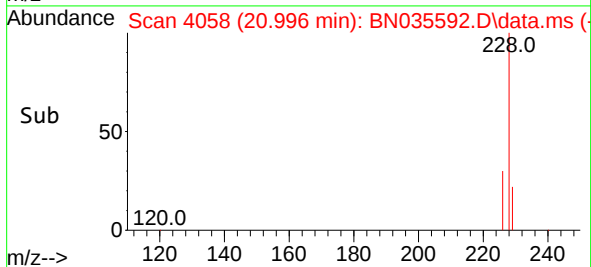
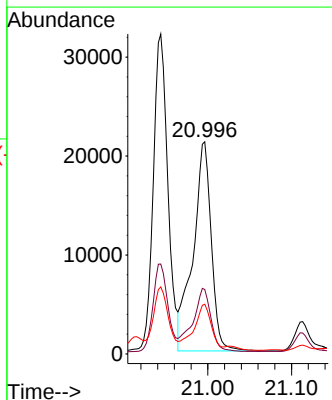
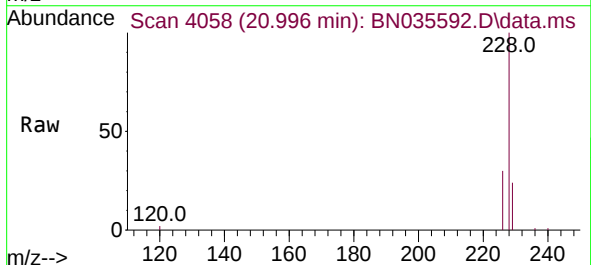
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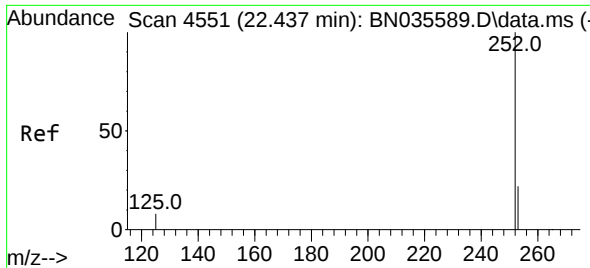
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#22
Chrysene
Concen: 1.149 ng/ul
RT: 20.996 min Scan# 4058
Delta R.T. 0.000 min
Lab File: BN035592.D
Acq: 13 Dec 2024 12:07

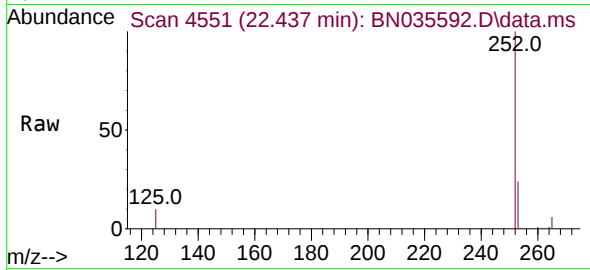
Tgt Ion:228 Resp: 32095
Ion Ratio Lower Upper
228 100
226 30.4 24.7 37.1
229 23.5 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 2.112 ng/ul m
RT: 22.437 min Scan# 4551
Delta R.T. -0.003 min
Lab File: BN035592.D
Acq: 13 Dec 2024 12:07

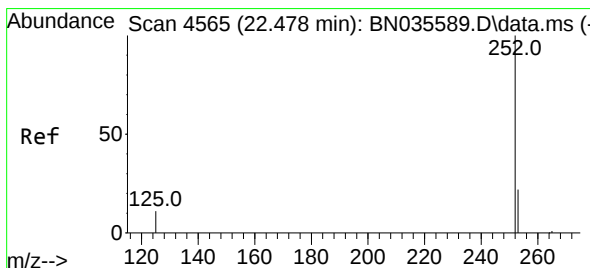
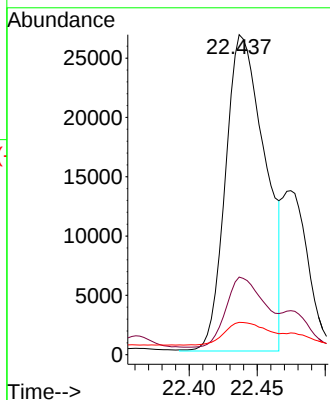
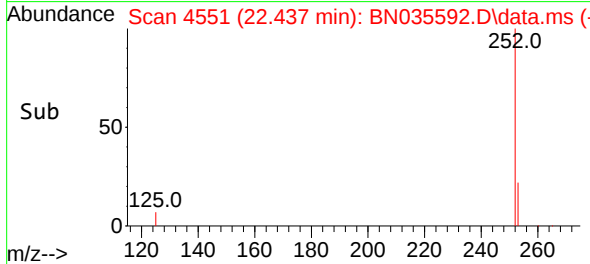
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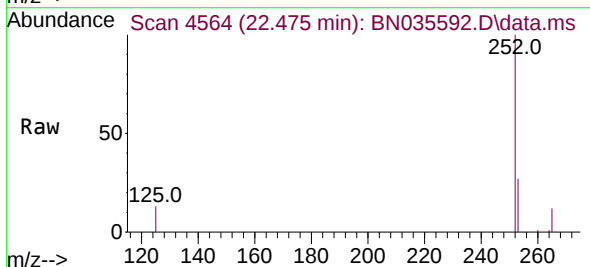
Tgt Ion:252 Resp: 54250
Ion Ratio Lower Upper
252 100
253 24.2 0.0 54.0
125 10.1 0.0 19.4

Manual Integrations
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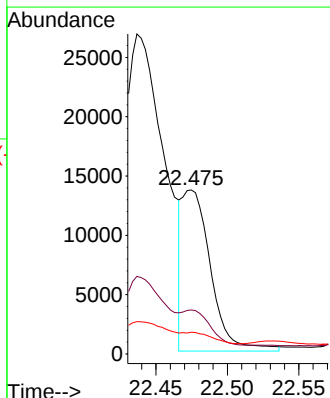
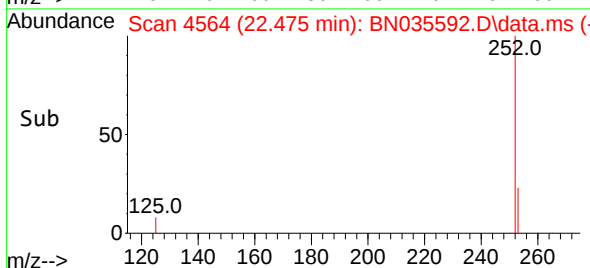
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

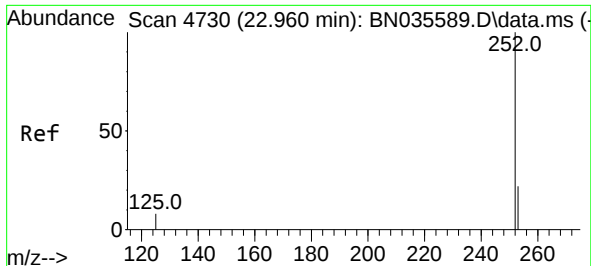


#25
Benzo(k)fluoranthene
Concen: 0.713 ng/ul m
RT: 22.475 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BN035592.D
Acq: 13 Dec 2024 12:07



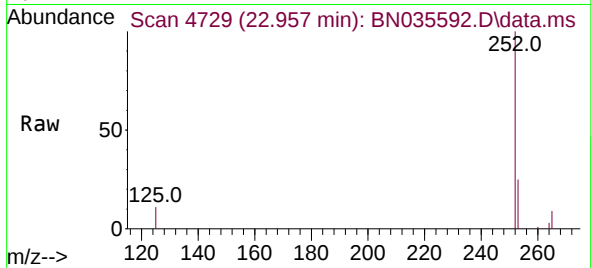
Tgt Ion:252 Resp: 18892
Ion Ratio Lower Upper
252 100
253 26.9 21.8 32.6
125 13.2 8.6 12.8#





#26
Benzo(a)pyrene
Concen: 1.400 ng/ul
RT: 22.957 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN035592.D
Acq: 13 Dec 2024 12:07

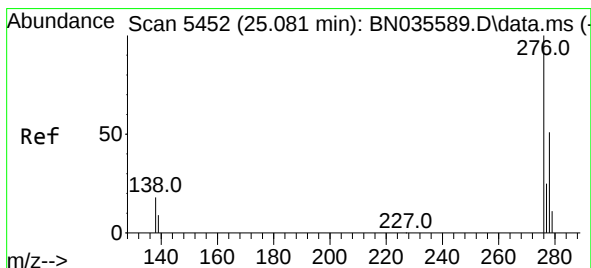
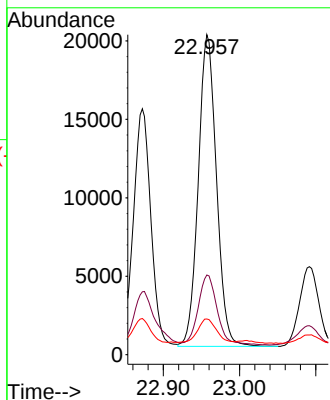
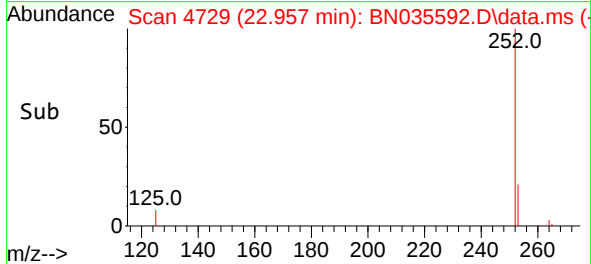
Instrument :
BNA_N
ClientSampleId :
E28Q0DL



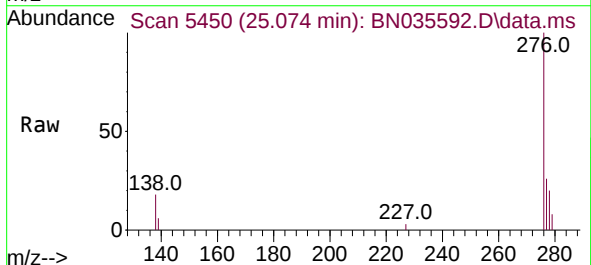
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Ion Ratio Lower Upper
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125 11.2 9.4 14.2

Manual Integrations
APPROVED

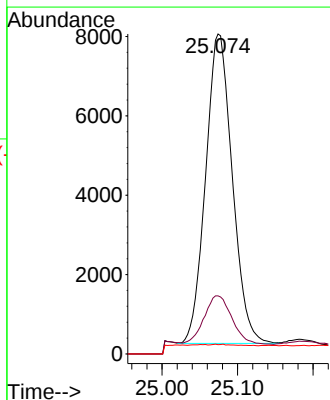
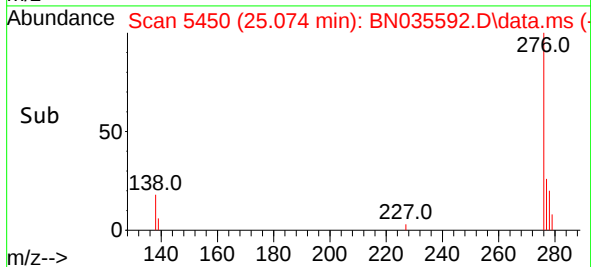
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

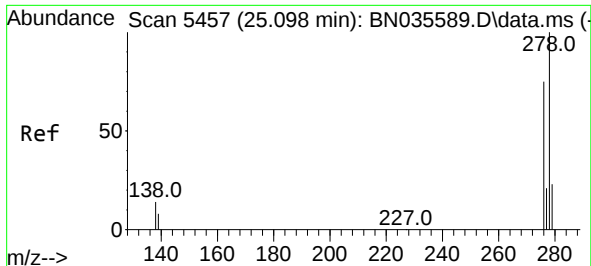


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.603 ng/ul m
RT: 25.074 min Scan# 5450
Delta R.T. -0.007 min
Lab File: BN035592.D
Acq: 13 Dec 2024 12:07



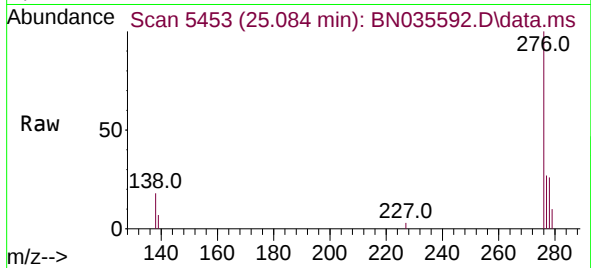
Tgt Ion:276 Resp: 19131
Ion Ratio Lower Upper
276 100
138 25.7 13.8 20.8#
227 17.9 0.2 0.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.187 ng/ul m
RT: 25.084 min Scan# 5457
Delta R.T. -0.017 min
Lab File: BN035592.D
Acq: 13 Dec 2024 12:07

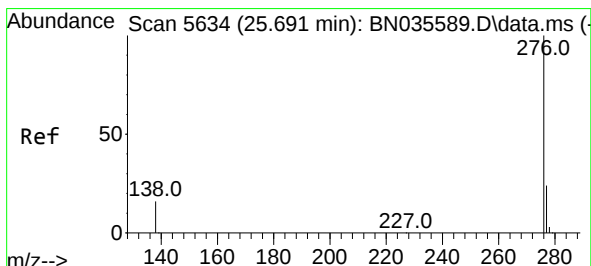
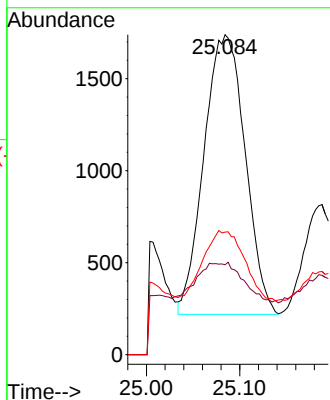
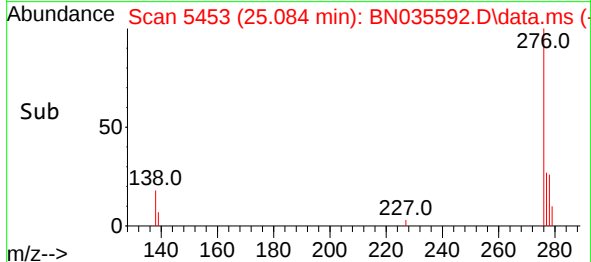
Instrument :
BNA_N
ClientSampleId :
E28Q0DL



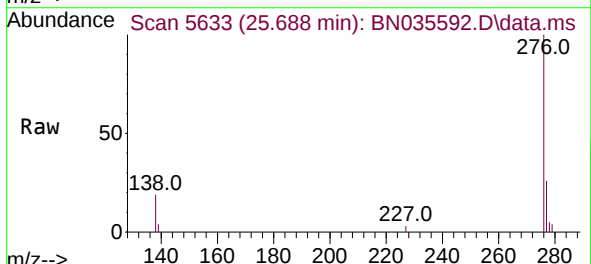
Tgt Ion:278 Resp: 465
Ion Ratio Lower Upper
278 100
139 28.1 10.7 16.1
279 38.3 22.8 34.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#29
Benzo(g,h,i)perylene
Concen: 0.733 ng/ul
RT: 25.688 min Scan# 5633
Delta R.T. -0.003 min
Lab File: BN035592.D
Acq: 13 Dec 2024 12:07



Tgt Ion:276 Resp: 18333
Ion Ratio Lower Upper
276 100
138 18.8 13.0 19.6
277 25.8 20.5 30.7

