

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
 Data File : BN035593.D
 Acq On : 13 Dec 2024 12:42
 Operator : RC/JU
 Sample : P5153-15DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28Q2DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 13 15:08:39 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	1801	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	5457	0.400	ng/ul #	0.00
9) Acenaphthene-d10	13.949	164	3758	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	8704	0.400	ng/ul #	0.00
17) Chrysene-d12	20.961	240	8306	0.400	ng/ul #	0.00
23) Perylene-d12	23.048	264	8197m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.959	96	1382	0.840	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152	487	0.061	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	1308	0.057	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.080	128	951	0.069	ng/ul#	83
7) 2-Methylnaphthalene	11.714	142	598	0.063	ng/ul	96
8) 1-Methylnaphthalene	11.939	142	458	0.048	ng/ul	98
10) Acenaphthylene	13.657	152	775	0.052	ng/ul#	75
11) Acenaphthene	14.009	153	602	0.053	ng/ul	94
12) Fluorene	15.013	166	777	0.058	ng/ul#	93
15) Phenanthrene	16.755	178	17382	0.755	ng/ul	100
16) Anthracene	16.848	178	4719	0.221	ng/ul	96
19) Fluoranthene	18.795	202	26157	0.905	ng/ul	97
20) Pyrene	19.163	202	21865	0.727	ng/ul	96
21) Benzo(a)anthracene	20.944	228	12060	0.418	ng/ul#	91
22) Chrysene	20.996	228	14384	0.496	ng/ul#	95
24) Benzo(b)fluoranthene	22.440	252	17156m	0.633	ng/ul	
25) Benzo(k)fluoranthene	22.478	252	6718m	0.240	ng/ul	
26) Benzo(a)pyrene	22.957	252	11128	0.449	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.074	276	7578m	0.227	ng/ul	
28) Dibenzo(a,h)anthracene	25.088	278	1971m	0.075	ng/ul	
29) Benzo(g,h,i)perylene	25.691	276	8538	0.324	ng/ul#	90

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

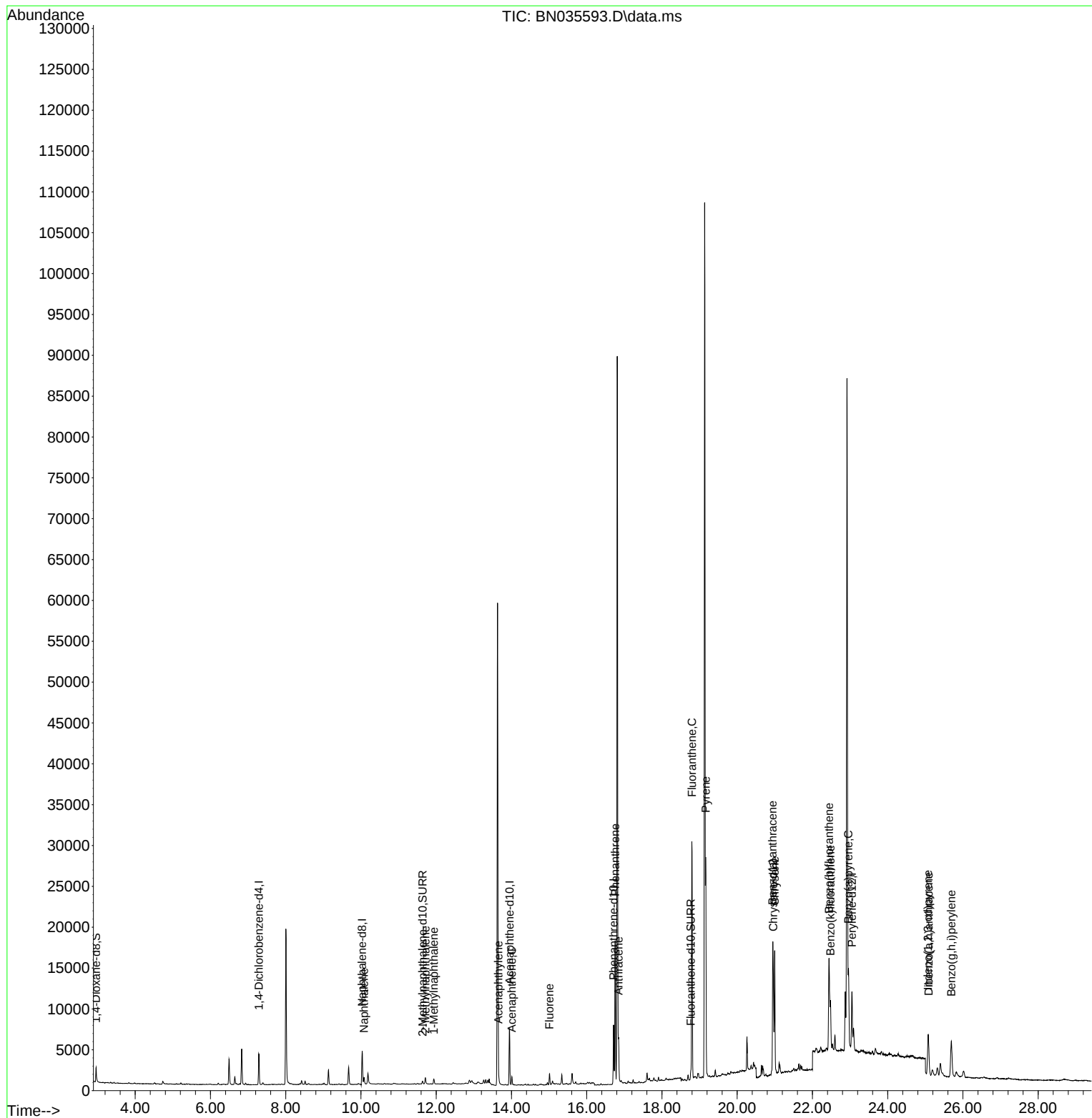
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035593.D
Acq On : 13 Dec 2024 12:42
Operator : RC/JU
Sample : P5153-15DL 5X
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ALS Vial : 6 Sample Multiplier: 1

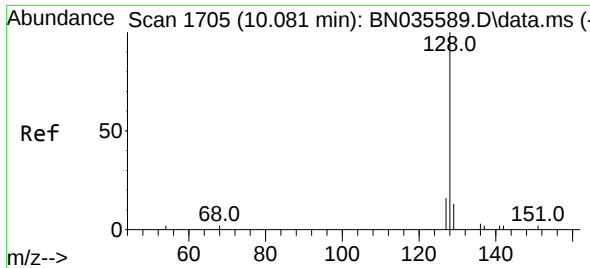
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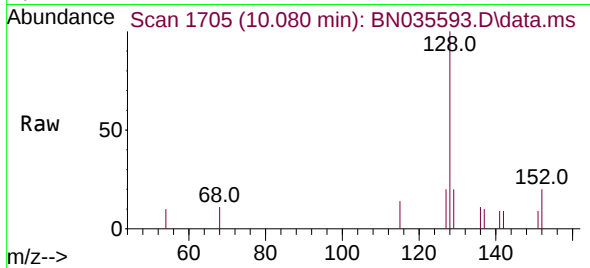
Quant Time: Dec 13 15:08:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
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#5
Naphthalene
Concen: 0.069 ng/ul
RT: 10.080 min Scan# 1705
Delta R.T. -0.005 min
Lab File: BN035593.D
Acq: 13 Dec 2024 12:42

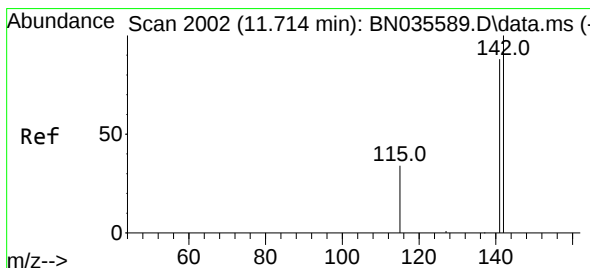
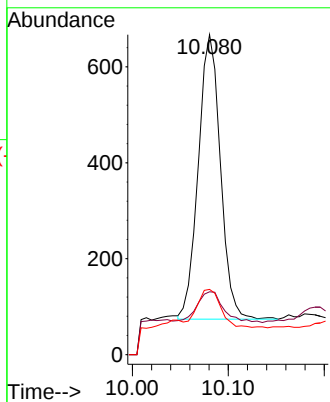
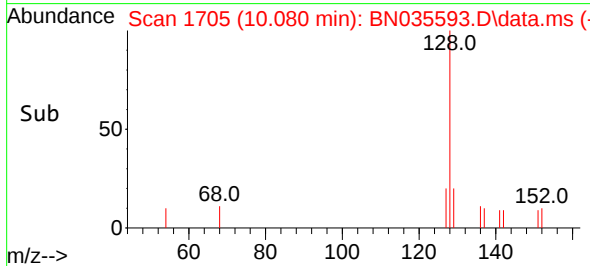
Instrument :
BNA_N
ClientSampleId :
E28Q2DL



Tgt Ion:128 Resp: 958
Ion Ratio Lower Upper
128 100
129 19.6 9.9 14.9
127 20.4 11.4 17.2

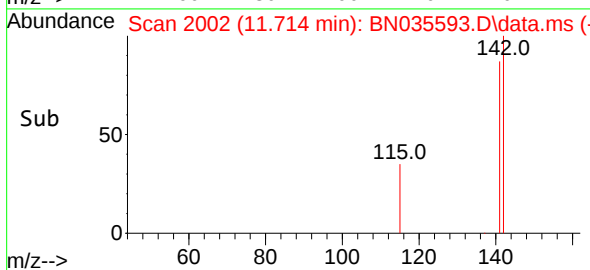
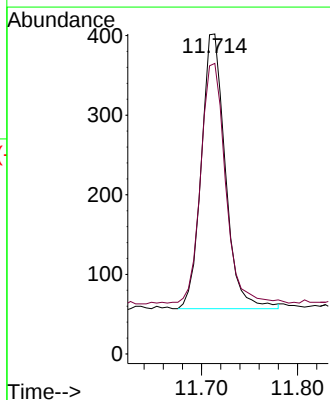
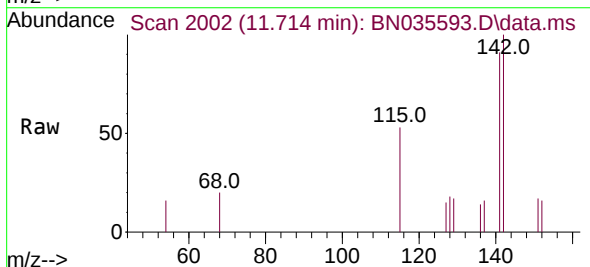
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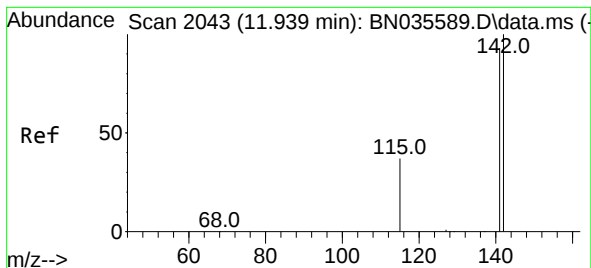
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#7
2-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 11.714 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN035593.D
Acq: 13 Dec 2024 12:42

Tgt Ion:142 Resp: 598
Ion Ratio Lower Upper
142 100
141 91.3 70.4 105.6





#8

1-Methylnaphthalene

Concen: 0.048 ng/ul

RT: 11.939 min Scan# 2043

Delta R.T. -0.005 min

Lab File: BN035593.D

Acq: 13 Dec 2024 12:42

Instrument :

BNA_N

ClientSampleId :

E28Q2DL

Tgt Ion:142 Resp: 458

Ion Ratio Lower Upper

142 100

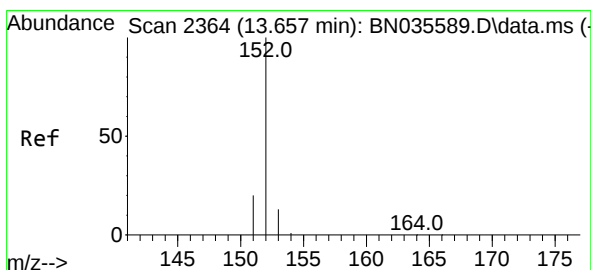
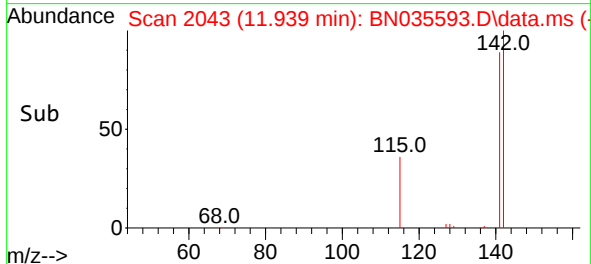
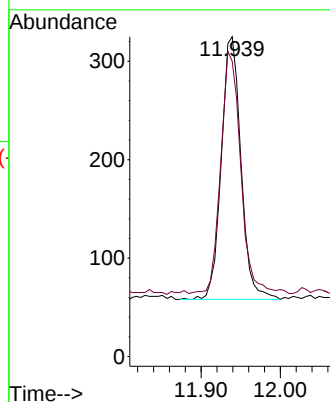
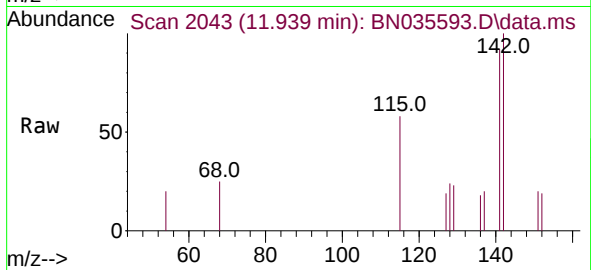
141 93.4 73.1 109.7

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#10

Acenaphthylene

Concen: 0.052 ng/ul

RT: 13.657 min Scan# 2364

Delta R.T. -0.005 min

Lab File: BN035593.D

Acq: 13 Dec 2024 12:42

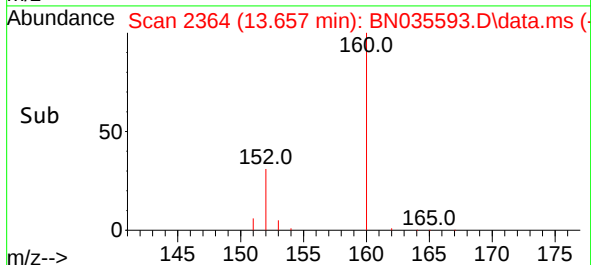
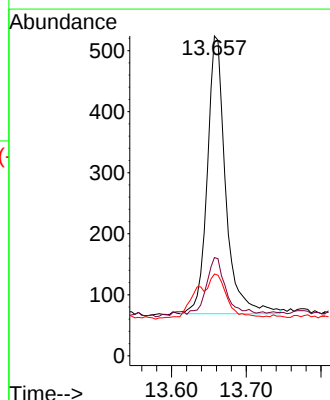
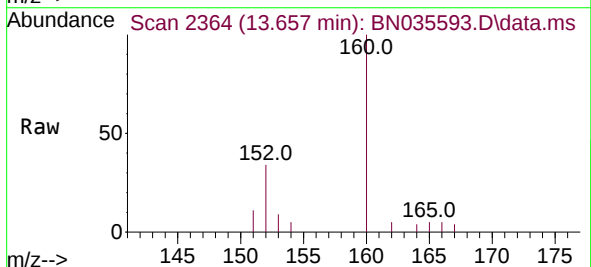
Tgt Ion:152 Resp: 775

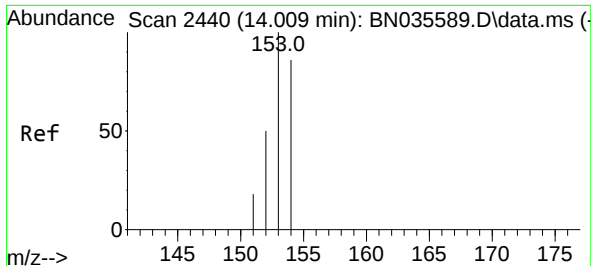
Ion Ratio Lower Upper

152 100

151 30.7 16.4 24.6#

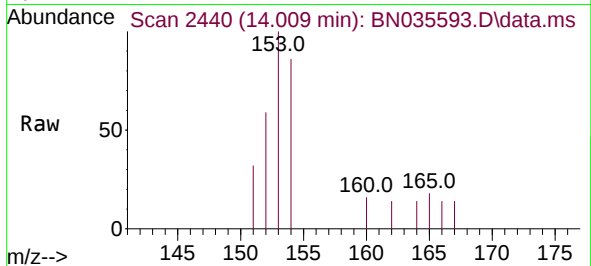
153 25.6 11.1 16.7#





#11
Acenaphthene
Concen: 0.053 ng/u1
RT: 14.009 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BN035593.D
Acq: 13 Dec 2024 12:42

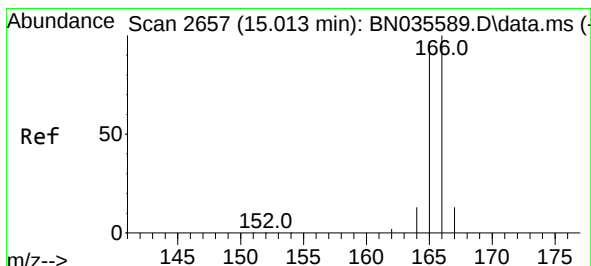
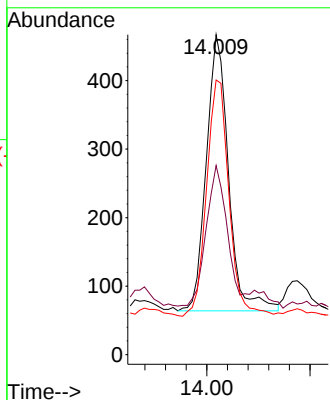
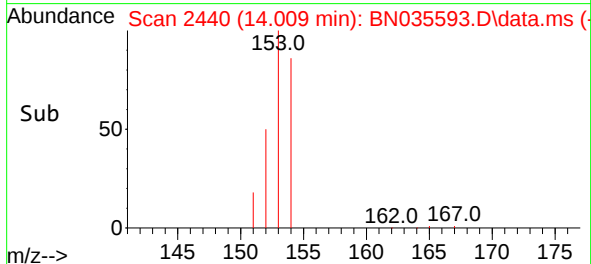
Instrument :
BNA_N
ClientSampleId :
E28Q2DL



Tgt Ion:153 Resp: 602
Ion Ratio Lower Upper
153 100
152 59.1 41.4 62.0
154 85.9 71.2 106.8

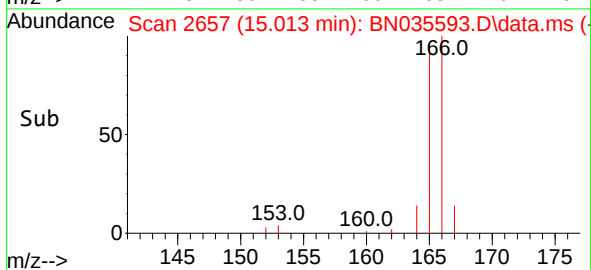
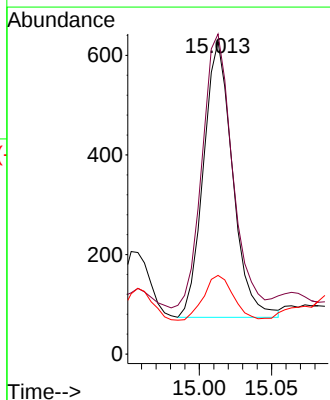
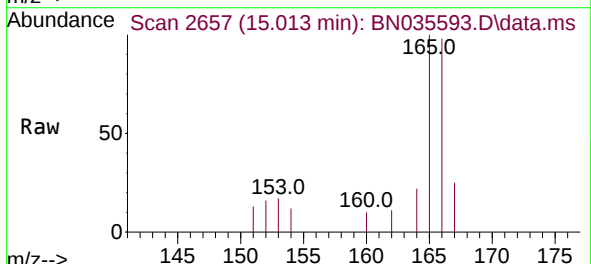
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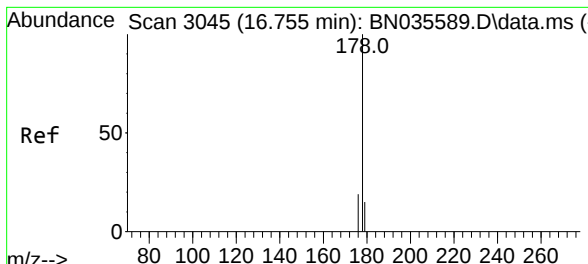
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#12
Fluorene
Concen: 0.058 ng/u1
RT: 15.013 min Scan# 2657
Delta R.T. -0.005 min
Lab File: BN035593.D
Acq: 13 Dec 2024 12:42

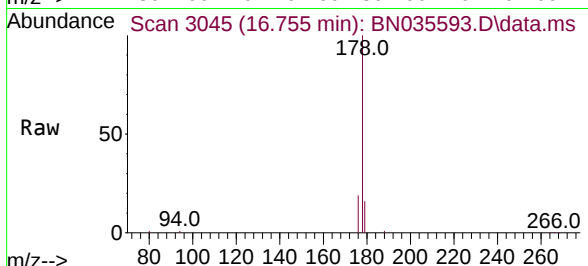
Tgt Ion:166 Resp: 777
Ion Ratio Lower Upper
166 100
165 102.4 78.6 118.0
167 25.2 11.8 17.6#





#15
Phenanthrene
Concen: 0.755 ng/ul
RT: 16.755 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BN035593.D
Acq: 13 Dec 2024 12:42

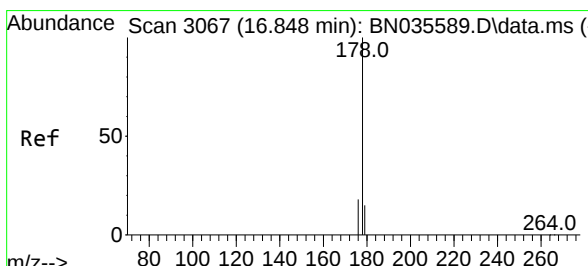
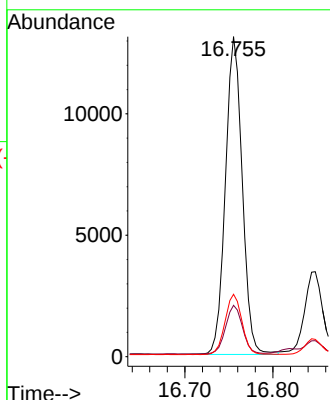
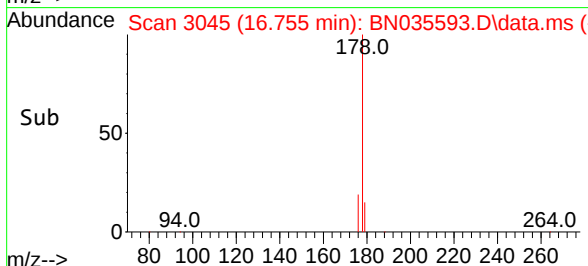
Instrument :
BNA_N
ClientSampleId :
E28Q2DL



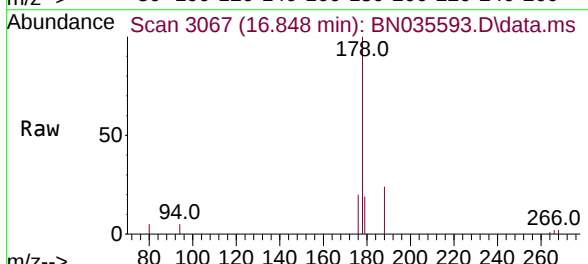
Tgt Ion:178 Resp: 1738
Ion Ratio Lower Upper
178 100
179 16.0 12.9 19.3
176 19.5 15.6 23.4

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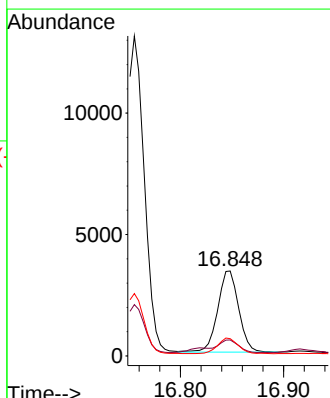
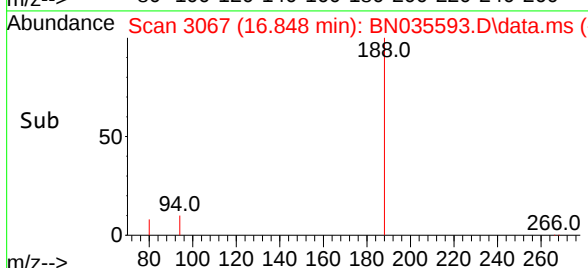
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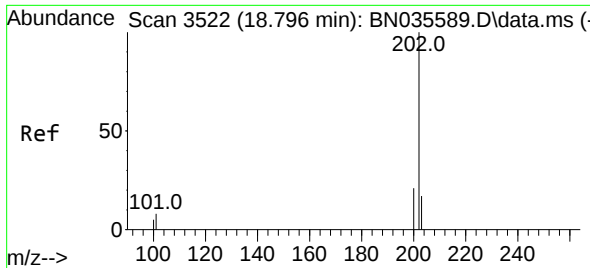


#16
Anthracene
Concen: 0.221 ng/ul
RT: 16.848 min Scan# 3067
Delta R.T. 0.000 min
Lab File: BN035593.D
Acq: 13 Dec 2024 12:42



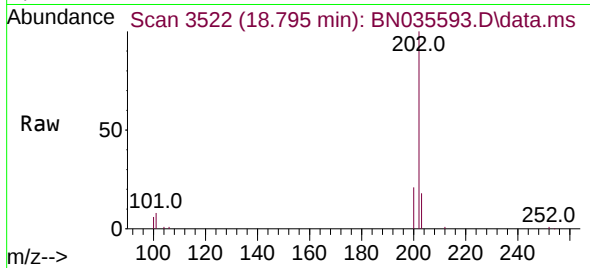
Tgt Ion:178 Resp: 4719
Ion Ratio Lower Upper
178 100
179 18.8 12.9 19.3
176 20.3 15.4 23.2





#19
Fluoranthene
Concen: 0.905 ng/u1
RT: 18.795 min Scan# 3522
Delta R.T. -0.005 min
Lab File: BN035593.D
Acq: 13 Dec 2024 12:42

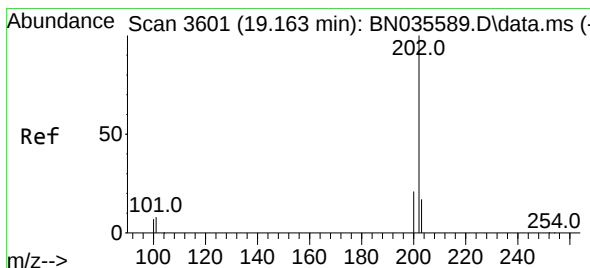
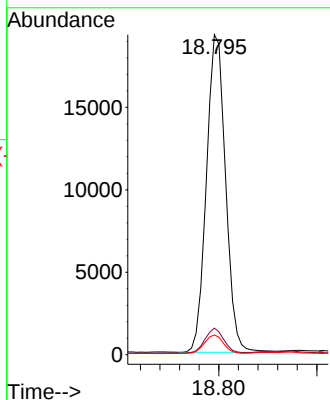
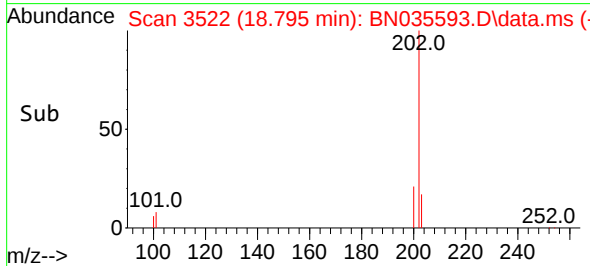
Instrument :
BNA_N
ClientSampleId :
E28Q2DL



Tgt Ion:202 Resp: 2615
Ion Ratio Lower Upper
202 100
101 8.3 5.8 8.6
100 6.2 4.5 6.7

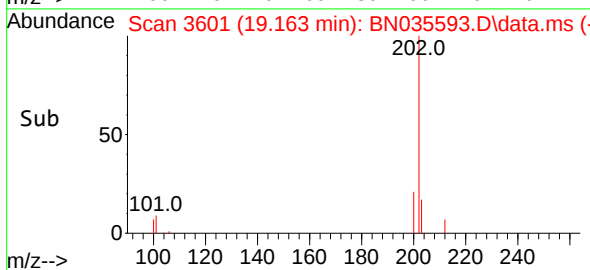
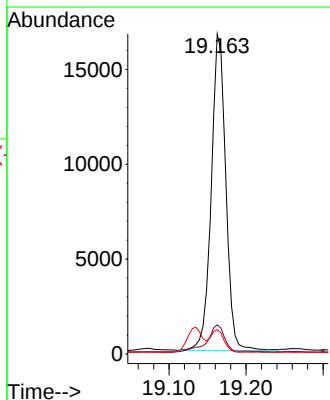
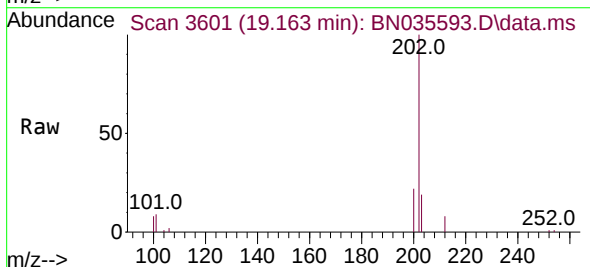
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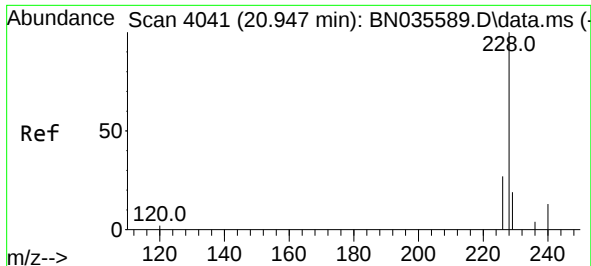
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#20
Pyrene
Concen: 0.727 ng/u1
RT: 19.163 min Scan# 3601
Delta R.T. -0.005 min
Lab File: BN035593.D
Acq: 13 Dec 2024 12:42

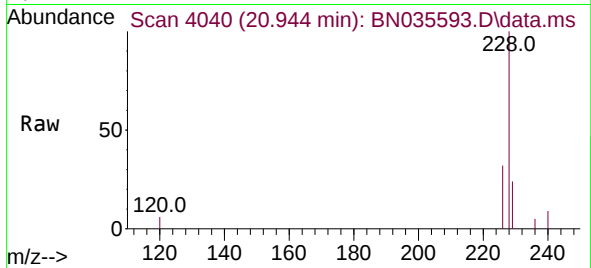
Tgt Ion:202 Resp: 21865
Ion Ratio Lower Upper
202 100
101 9.1 6.2 9.4
100 7.6 5.1 7.7





#21
Benzo(a)anthracene
Concen: 0.418 ng/ul
RT: 20.944 min Scan# 4041
Delta R.T. -0.003 min
Lab File: BN035593.D
Acq: 13 Dec 2024 12:42

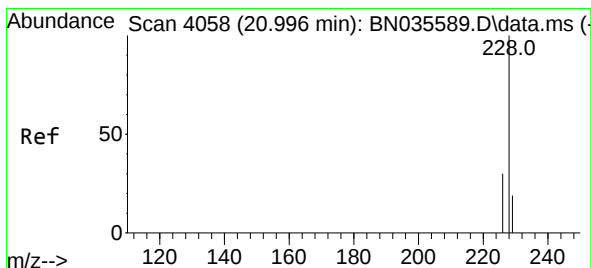
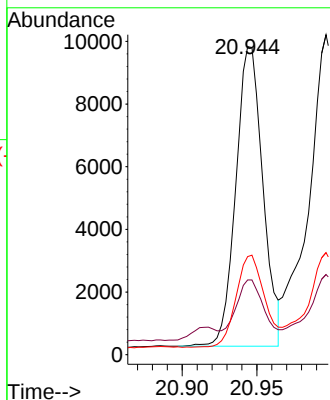
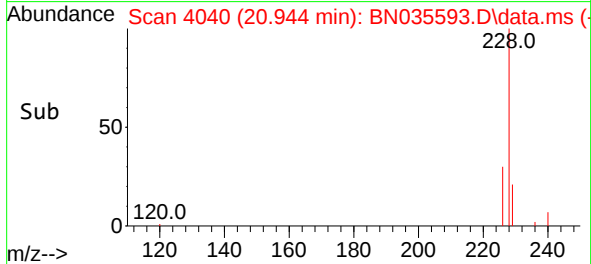
Instrument :
BNA_N
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E28Q2DL



Tgt Ion:228 Resp: 12060
Ion Ratio Lower Upper
228 100
229 24.3 15.8 23.8
226 31.9 21.8 32.8

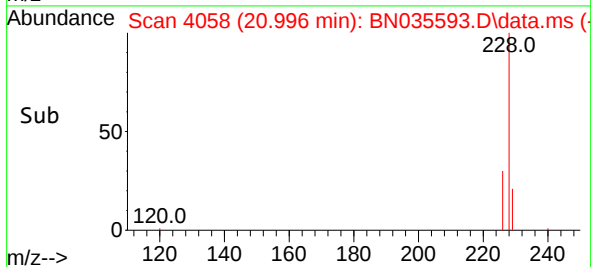
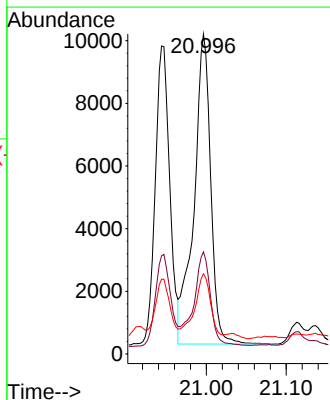
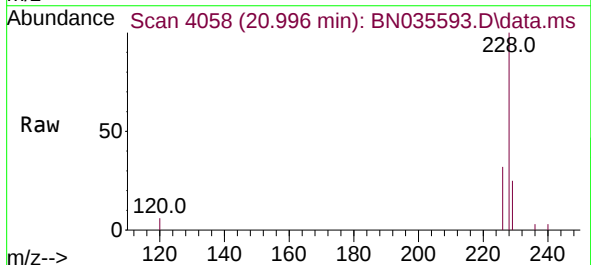
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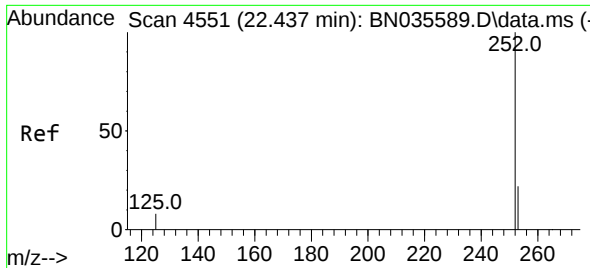
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#22
Chrysene
Concen: 0.496 ng/ul
RT: 20.996 min Scan# 4058
Delta R.T. 0.000 min
Lab File: BN035593.D
Acq: 13 Dec 2024 12:42

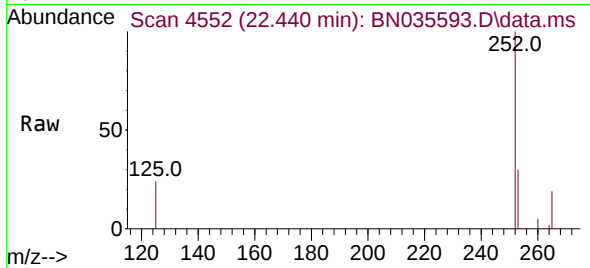
Tgt Ion:228 Resp: 14384
Ion Ratio Lower Upper
228 100
226 31.9 24.7 37.1
229 25.0 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.633 ng/ul m
RT: 22.440 min Scan# 4552
Delta R.T. 0.000 min
Lab File: BN035593.D
Acq: 13 Dec 2024 12:42

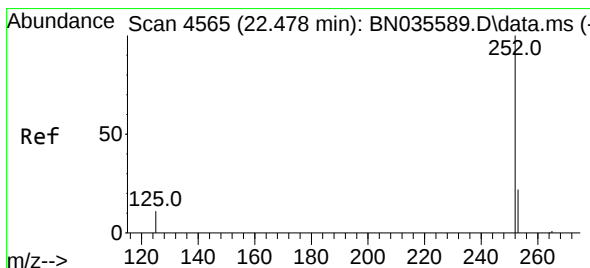
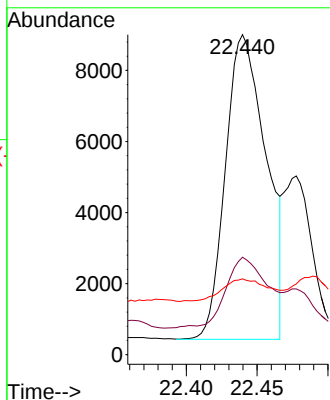
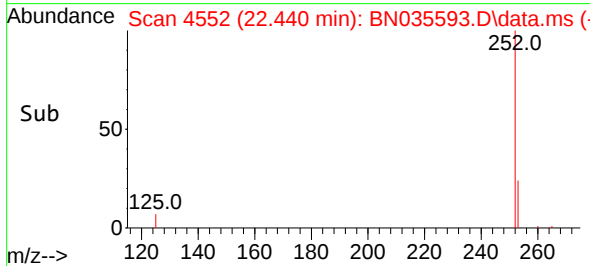
Instrument :
BNA_N
ClientSampleId :
E28Q2DL



Tgt Ion:252 Resp: 17150
Ion Ratio Lower Upper
252 100
253 30.5 0.0 54.0
125 23.7 0.0 19.4

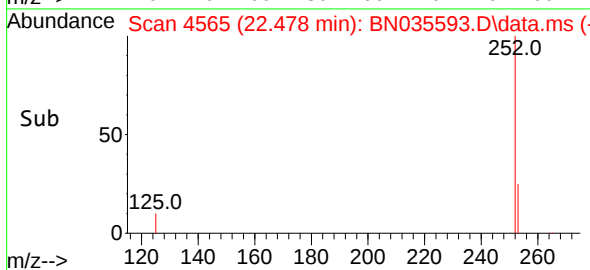
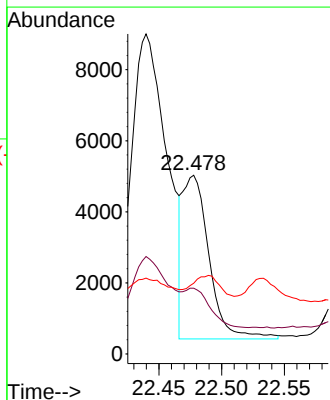
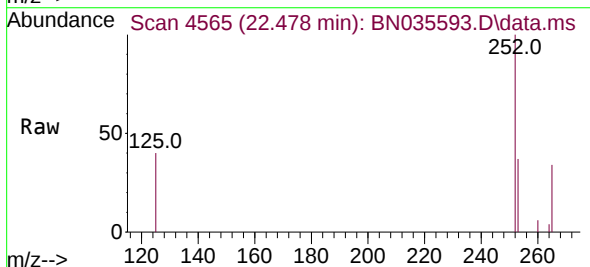
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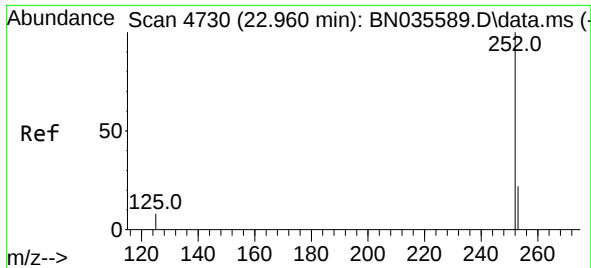
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#25
Benzo(k)fluoranthene
Concen: 0.240 ng/ul m
RT: 22.478 min Scan# 4565
Delta R.T. -0.003 min
Lab File: BN035593.D
Acq: 13 Dec 2024 12:42

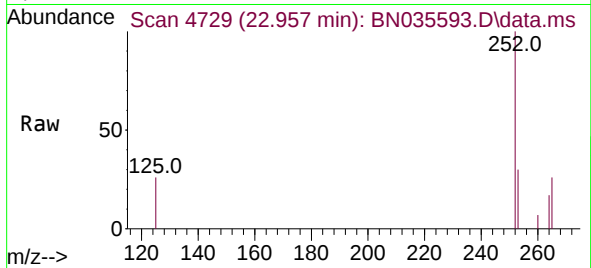
Tgt Ion:252 Resp: 6718
Ion Ratio Lower Upper
252 100
253 36.8 21.8 32.6#
125 39.6 8.6 12.8#





#26
Benzo(a)pyrene
Concen: 0.449 ng/ul
RT: 22.957 min Scan# 41128
Delta R.T. -0.003 min
Lab File: BN035593.D
Acq: 13 Dec 2024 12:42

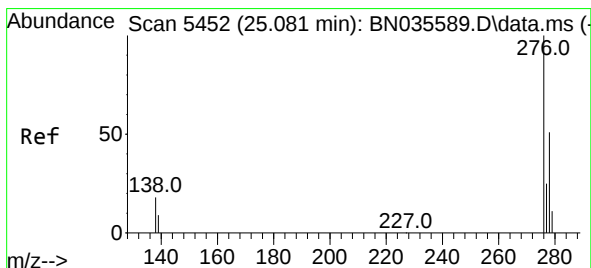
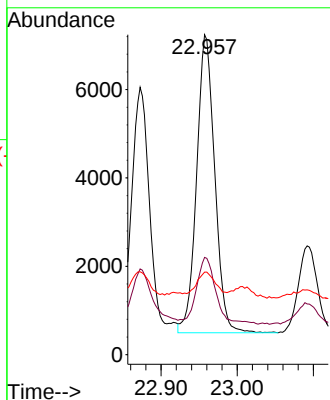
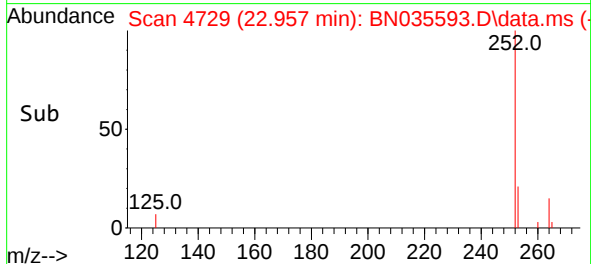
Instrument :
BNA_N
ClientSampleId :
E28Q2DL



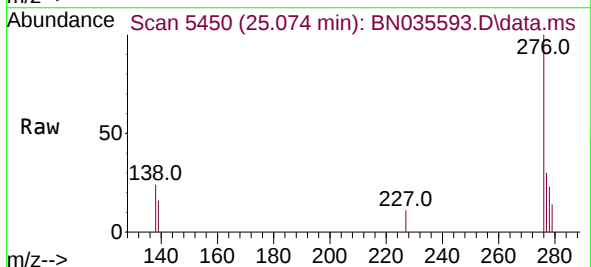
Tgt Ion:252 Resp: 11128
Ion Ratio Lower Upper
252 100
253 30.4 22.9 34.3
125 25.8 9.4 14.2

Manual Integrations
APPROVED

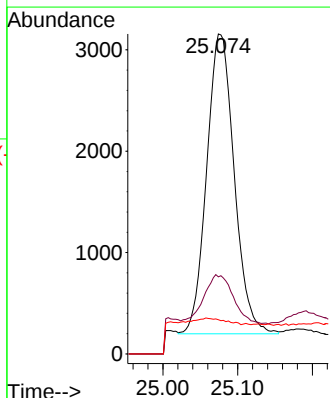
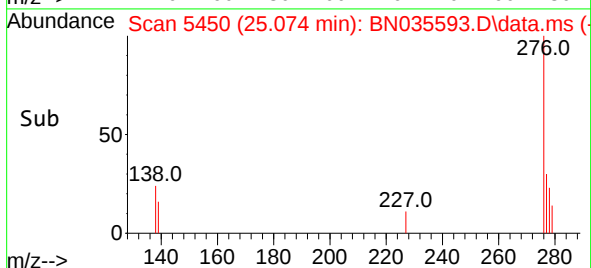
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

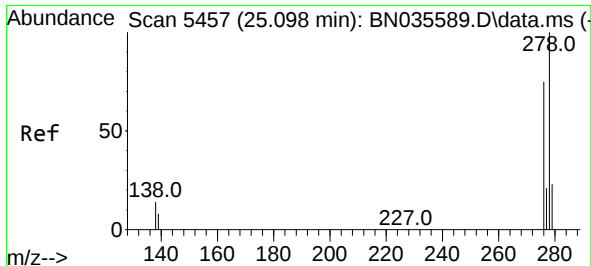


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.227 ng/ul m
RT: 25.074 min Scan# 5450
Delta R.T. -0.007 min
Lab File: BN035593.D
Acq: 13 Dec 2024 12:42



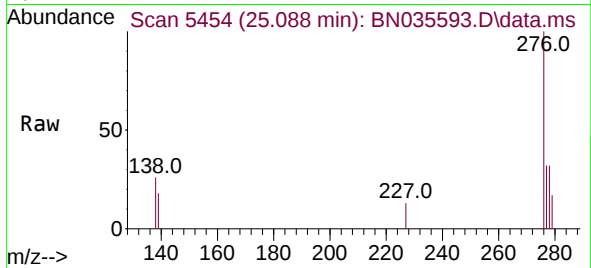
Tgt Ion:276 Resp: 7578
Ion Ratio Lower Upper
276 100
138 17.0 13.8 20.8
227 63.6 0.2 0.4





#28
Dibenzo(a,h)anthracene
Concen: 0.075 ng/ul m
RT: 25.088 min Scan# 5457
Delta R.T. -0.013 min
Lab File: BN035593.D
Acq: 13 Dec 2024 12:42

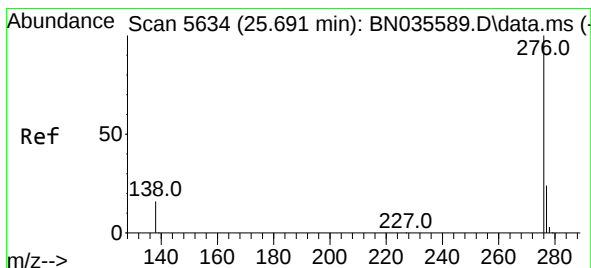
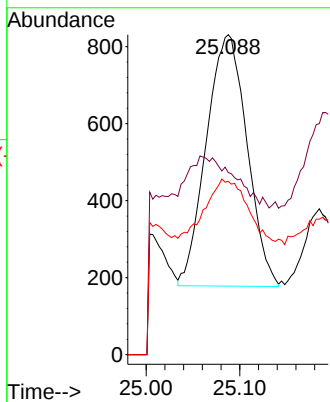
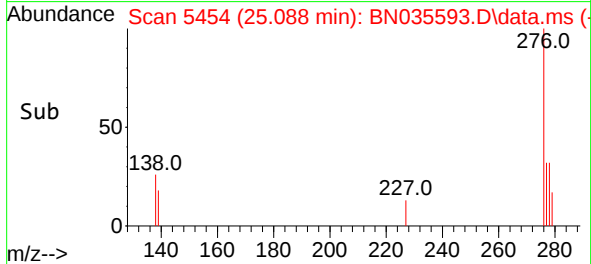
Instrument :
BNA_N
ClientSampleId :
E28Q2DL



Tgt Ion:278 Resp: 197
Ion Ratio Lower Upper
278 100
139 56.9 10.7 16.1
279 54.2 22.8 34.2

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



#29
Benzo(g,h,i)perylene
Concen: 0.324 ng/ul
RT: 25.691 min Scan# 5634
Delta R.T. 0.000 min
Lab File: BN035593.D
Acq: 13 Dec 2024 12:42

Tgt Ion:276 Resp: 8538
Ion Ratio Lower Upper
276 100
138 23.4 13.0 19.6
277 28.8 20.5 30.7

