

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
 Data File : BN035591.D
 Acq On : 13 Dec 2024 11:31
 Operator : RC/JU
 Sample : P5153-12DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28P9DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 13 11:58:20 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	2062	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	5981	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	13.944	164	4085	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	9472	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.961	240	9231	0.400	ng/ul	# 0.00
23) Perylene-d12	23.051	264	9649	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.959	96	2299	1.220	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	693	0.079	ng/ul	-0.01
18) Fluoranthene-d10	18.768	212	1858	0.073	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.081	128	2707m	0.180	ng/ul	
7) 2-Methylnaphthalene	11.708	142	1087	0.104	ng/ul	98
8) 1-Methylnaphthalene	11.939	142	683	0.065	ng/ul	98
10) Acenaphthylene	13.657	152	1333	0.082	ng/ul#	84
12) Fluorene	15.013	166	423	0.029	ng/ul#	82
15) Phenanthrene	16.755	178	11687	0.467	ng/ul	98
16) Anthracene	16.844	178	3099	0.133	ng/ul#	87
19) Fluoranthene	18.796	202	17817	0.554	ng/ul	96
20) Pyrene	19.163	202	16701	0.499	ng/ul#	94
21) Benzo(a)anthracene	20.944	228	13028	0.407	ng/ul#	80
22) Chrysene	20.996	228	22066	0.685	ng/ul#	90
24) Benzo(b)fluoranthene	22.443	252	30982m	0.971	ng/ul	
25) Benzo(k)fluoranthene	22.478	252	9235m	0.281	ng/ul	
26) Benzo(a)pyrene	22.960	252	14247	0.489	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.081	276	13522	0.343	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.088	278	4267m	0.138	ng/ul	
29) Benzo(g,h,i)perylene	25.698	276	16108	0.519	ng/ul#	92

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

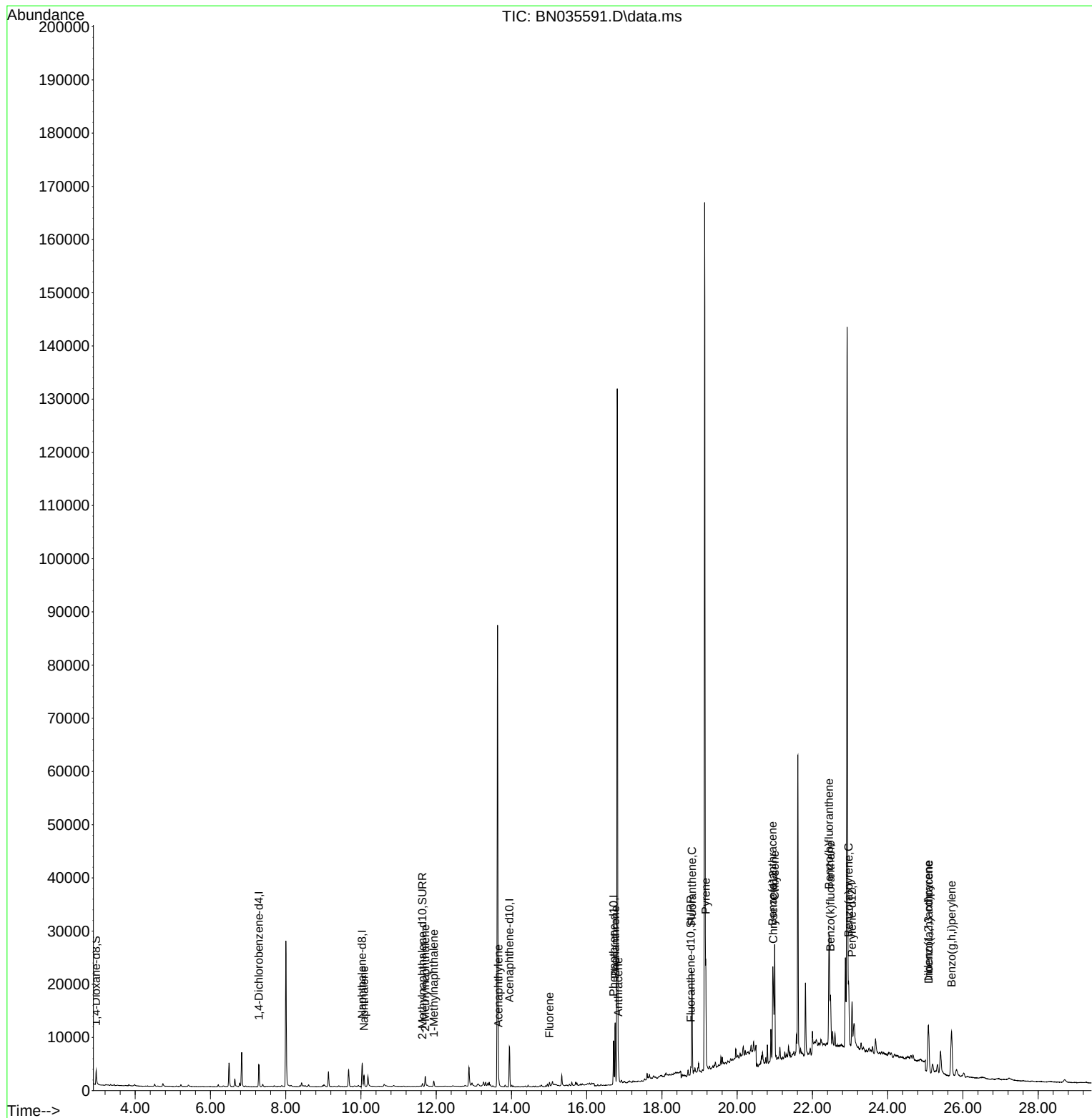
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035591.D
Acq On : 13 Dec 2024 11:31
Operator : RC/JU
Sample : P5153-12DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

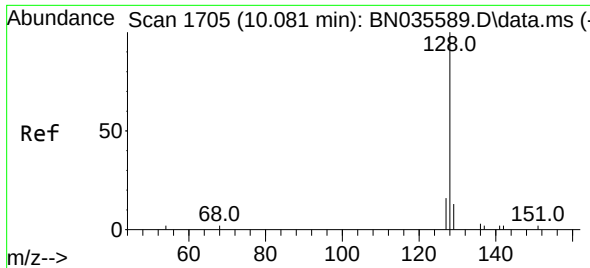
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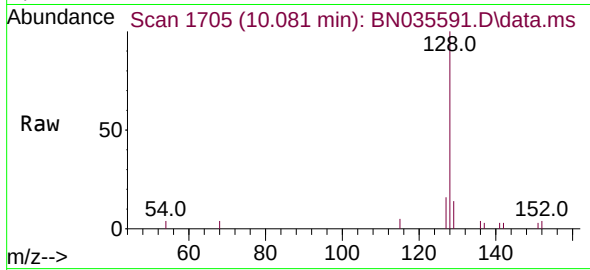
Quant Time: Dec 13 11:58:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
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#5
Naphthalene
Concen: 0.180 ng/ul m
RT: 10.081 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN035591.D
Acq: 13 Dec 2024 11:31

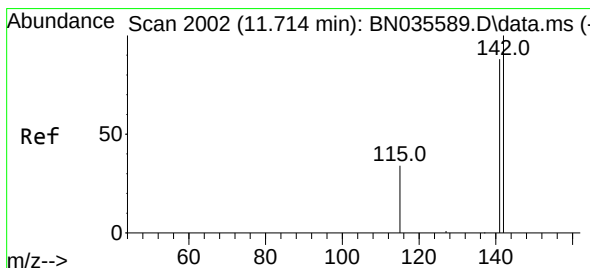
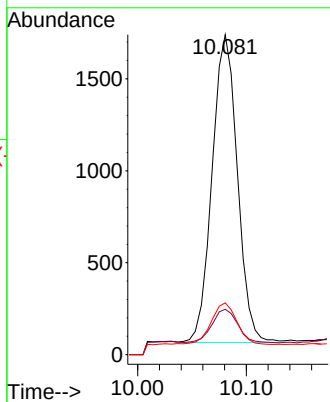
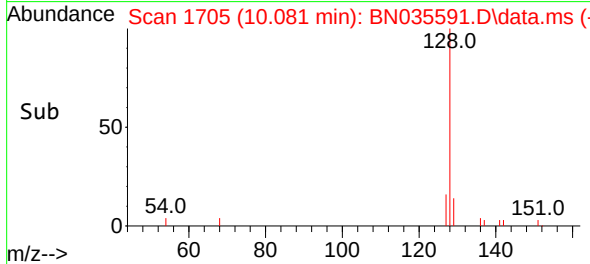
Instrument :
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ClientSampleId :
E28P9DL



Tgt Ion:128 Resp: 270
Ion Ratio Lower Upper
128 100
129 14.2 9.9 14.9
127 16.2 11.4 17.2

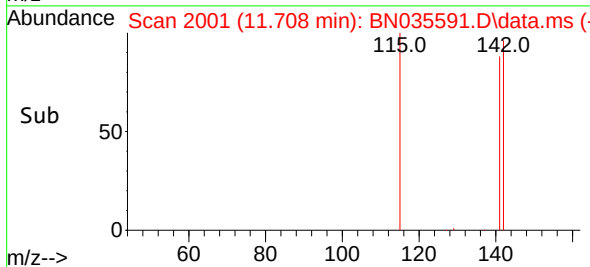
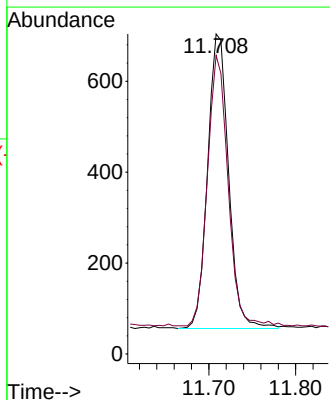
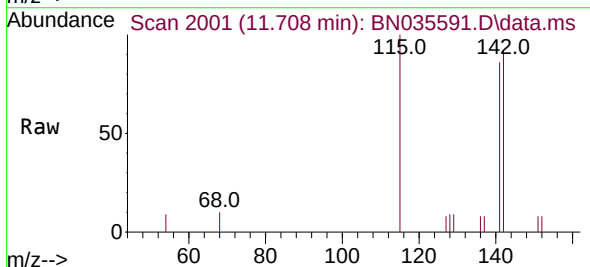
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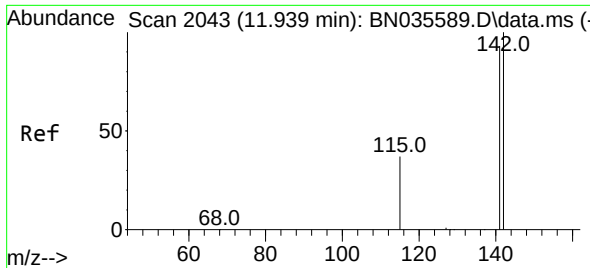
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#7
2-Methylnaphthalene
Concen: 0.104 ng/ul
RT: 11.708 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BN035591.D
Acq: 13 Dec 2024 11:31

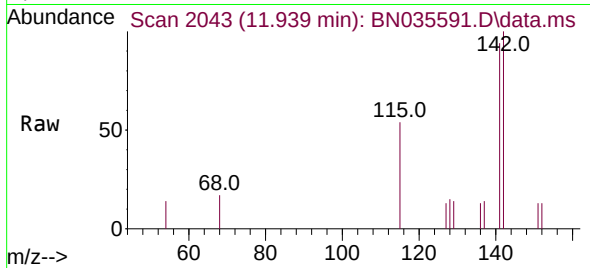
Tgt Ion:142 Resp: 1087
Ion Ratio Lower Upper
142 100
141 90.0 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.065 ng/ul
RT: 11.939 min Scan# 2043
Delta R.T. -0.005 min
Lab File: BN035591.D
Acq: 13 Dec 2024 11:31

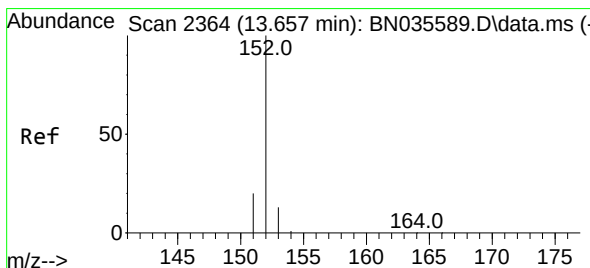
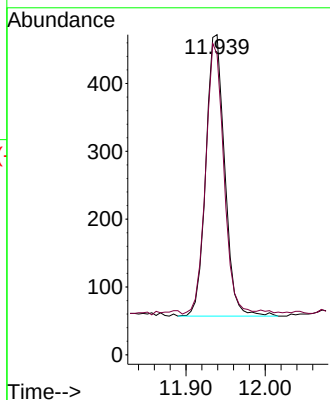
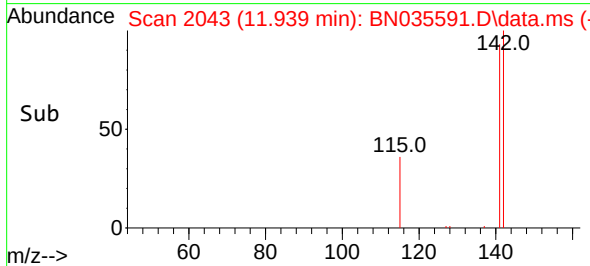
Instrument :
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Tgt Ion:142 Resp: 683
Ion Ratio Lower Upper
142 100
141 93.3 73.1 109.7

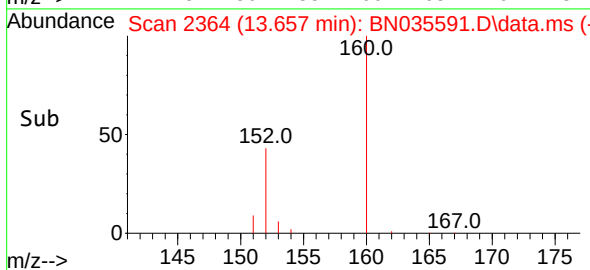
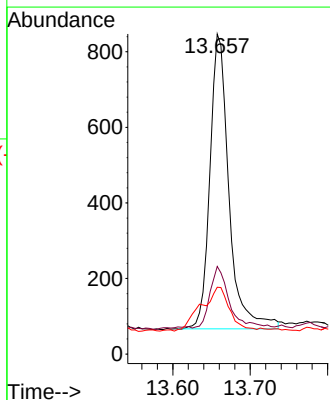
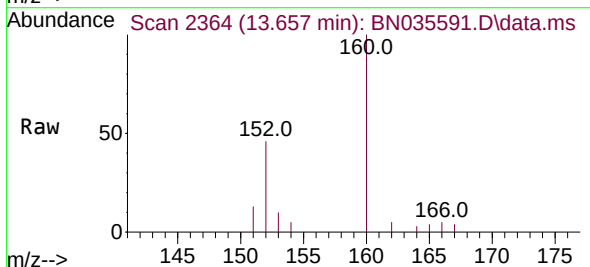
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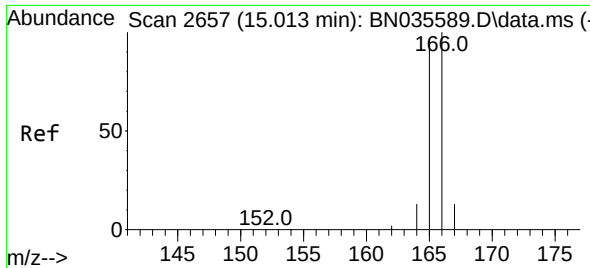
Reviewed By :Yogesh Patel 12/14/2024
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#10
Acenaphthylene
Concen: 0.082 ng/ul
RT: 13.657 min Scan# 2364
Delta R.T. -0.004 min
Lab File: BN035591.D
Acq: 13 Dec 2024 11:31

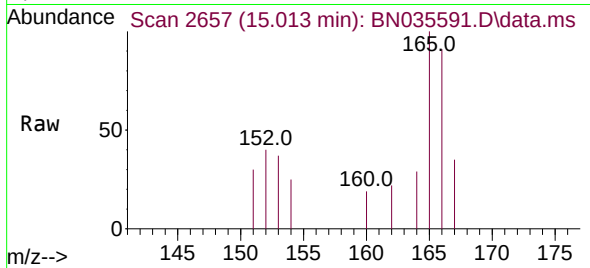
Tgt Ion:152 Resp: 1333
Ion Ratio Lower Upper
152 100
151 27.4 16.4 24.6#
153 20.9 11.1 16.7#





#12
Fluorene
Concen: 0.029 ng/ul
RT: 15.013 min Scan# 2657
Delta R.T. -0.004 min
Lab File: BN035591.D
Acq: 13 Dec 2024 11:31

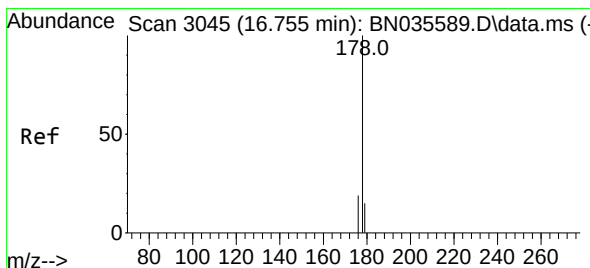
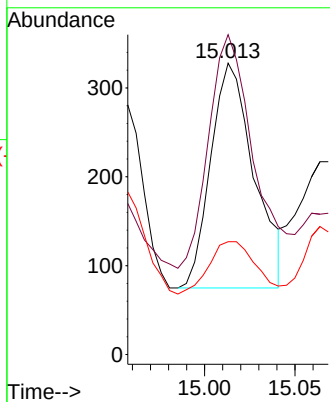
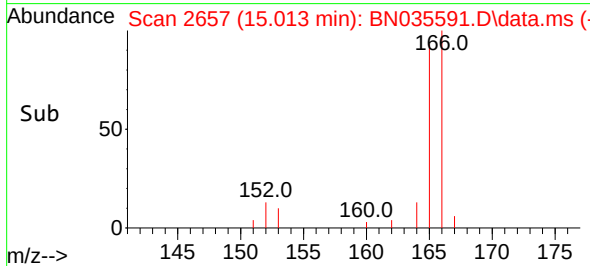
Instrument :
BNA_N
ClientSampleId :
E28P9DL



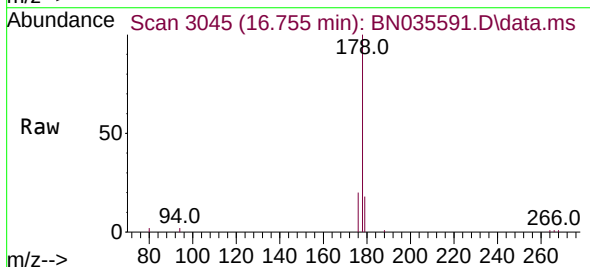
Tgt Ion:166 Resp: 423
Ion Ratio Lower Upper
166 100
165 109.8 78.6 118.0
167 38.7 11.8 17.6

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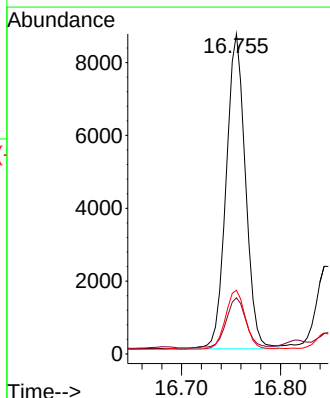
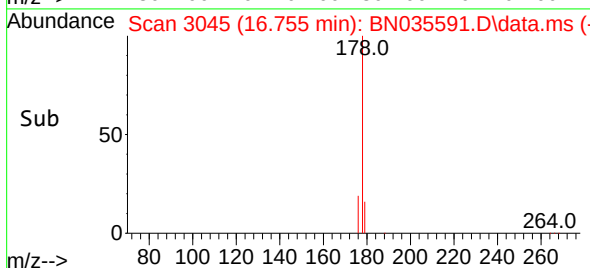
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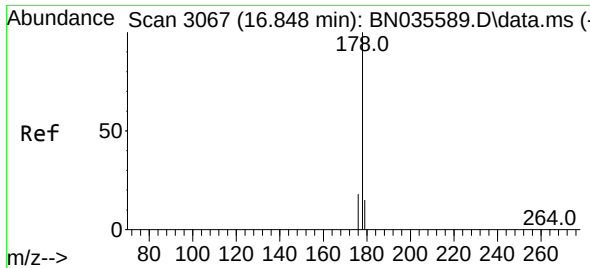


#15
Phenanthrene
Concen: 0.467 ng/ul
RT: 16.755 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BN035591.D
Acq: 13 Dec 2024 11:31



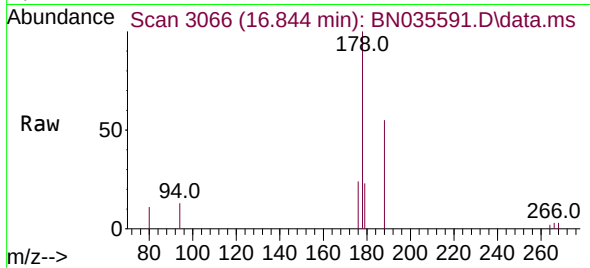
Tgt Ion:178 Resp: 11687
Ion Ratio Lower Upper
178 100
179 17.5 12.9 19.3
176 19.9 15.6 23.4





#16
 Anthracene
 Concen: 0.133 ng/ul
 RT: 16.844 min Scan# 3067
 Delta R.T. -0.004 min
 Lab File: BN035591.D
 Acq: 13 Dec 2024 11:31

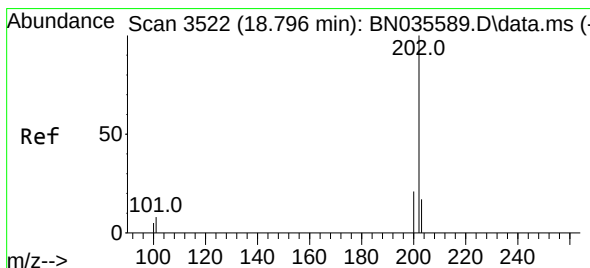
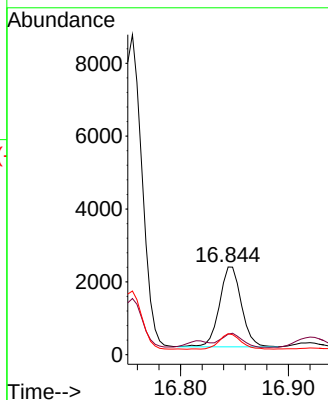
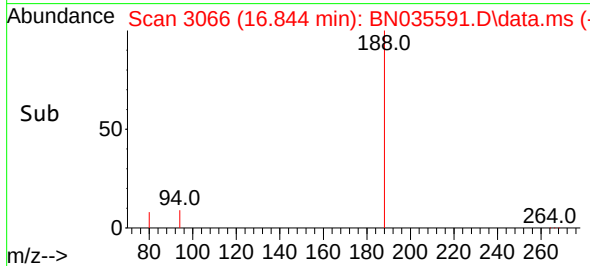
Instrument :
 BNA_N
 ClientSampleId :
 E28P9DL



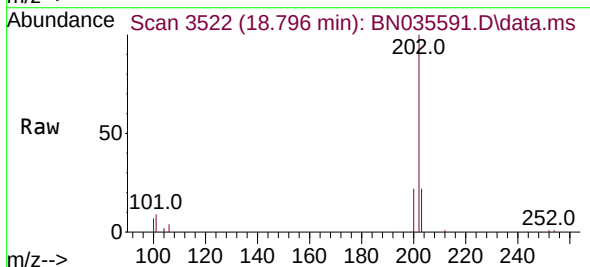
Tgt Ion:178 Resp: 3099
 Ion Ratio Lower Upper
 178 100
 179 23.3 12.9 19.3
 176 23.9 15.4 23.2

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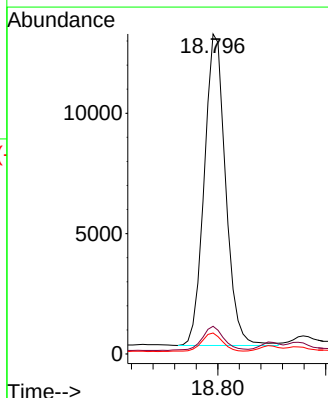
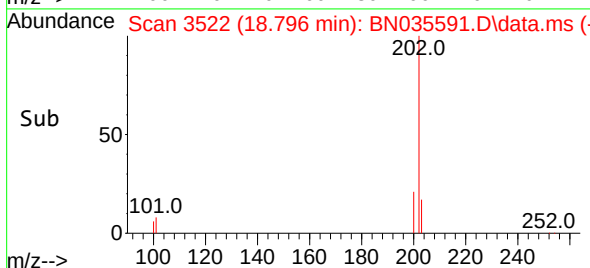
Reviewed By :Yogesh Patel 12/14/2024
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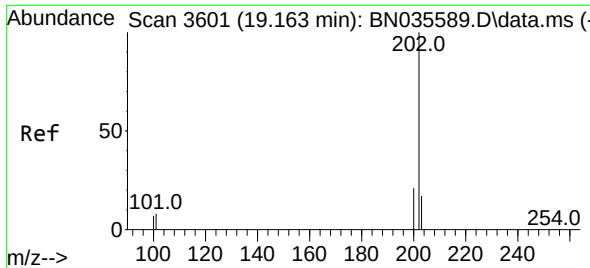


#19
 Fluoranthene
 Concen: 0.554 ng/ul
 RT: 18.796 min Scan# 3522
 Delta R.T. -0.004 min
 Lab File: BN035591.D
 Acq: 13 Dec 2024 11:31



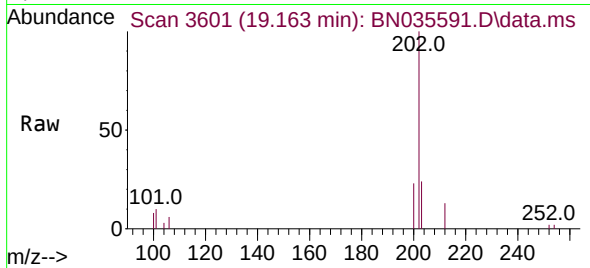
Tgt Ion:202 Resp: 17817
 Ion Ratio Lower Upper
 202 100
 101 8.6 5.8 8.6
 100 6.5 4.5 6.7





#20
Pyrene
Concen: 0.499 ng/ul
RT: 19.163 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN035591.D
Acq: 13 Dec 2024 11:31

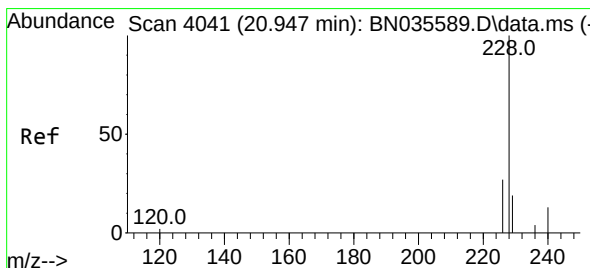
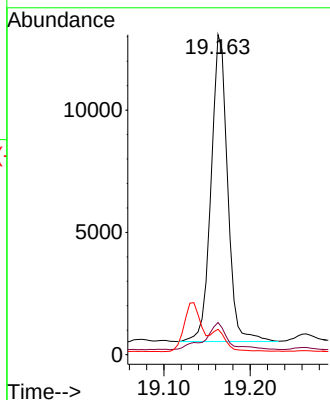
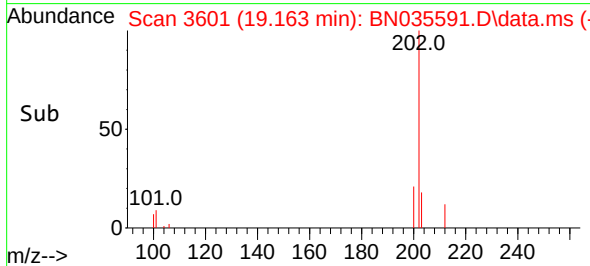
Instrument :
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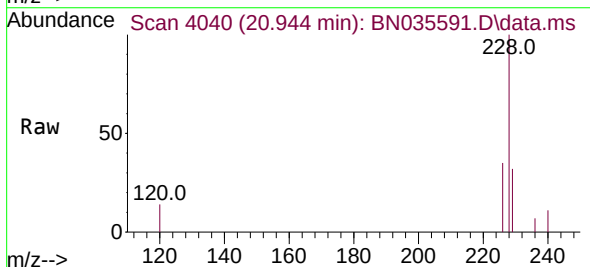
Tgt Ion:202 Resp: 1670
Ion Ratio Lower Upper
202 100
101 10.1 6.2 9.4#
100 8.0 5.1 7.7#

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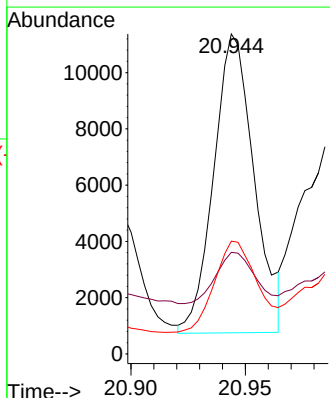
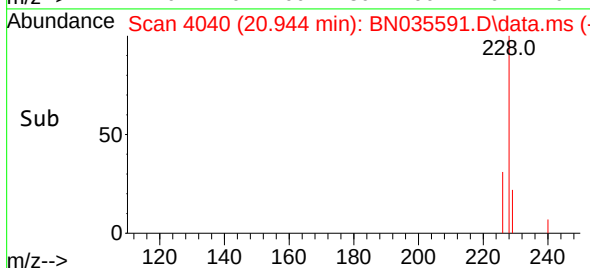
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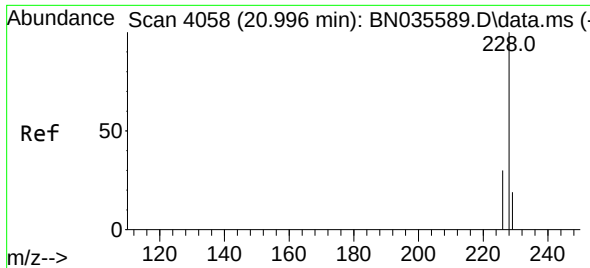


#21
Benzo(a)anthracene
Concen: 0.407 ng/ul
RT: 20.944 min Scan# 4040
Delta R.T. -0.003 min
Lab File: BN035591.D
Acq: 13 Dec 2024 11:31



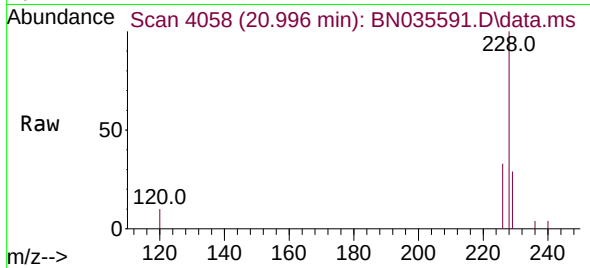
Tgt Ion:228 Resp: 13028
Ion Ratio Lower Upper
228 100
229 31.8 15.8 23.8#
226 35.2 21.8 32.8#





#22
Chrysene
Concen: 0.685 ng/ul
RT: 20.996 min Scan# 4058
Delta R.T. 0.000 min
Lab File: BN035591.D
Acq: 13 Dec 2024 11:31

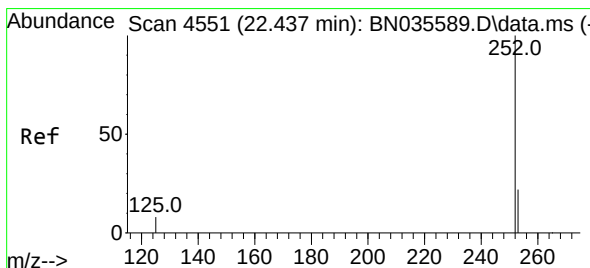
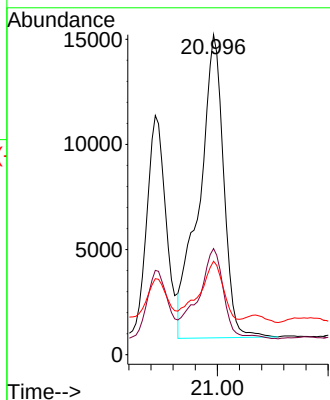
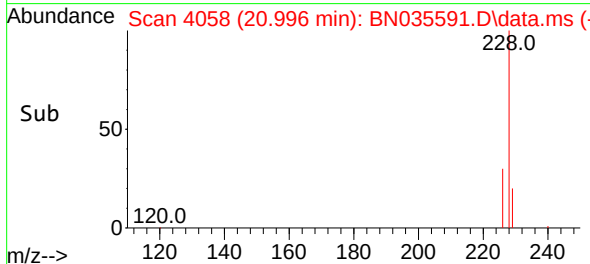
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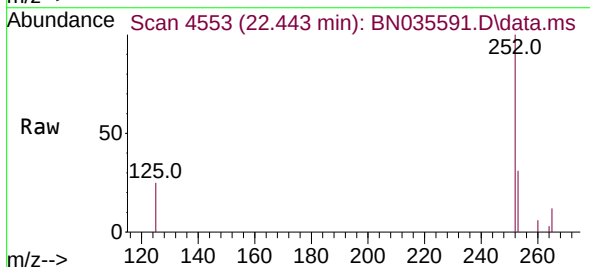
Tgt Ion:228 Resp: 22060
Ion Ratio Lower Upper
228 100
226 33.1 24.7 37.1
229 29.2 16.0 24.0

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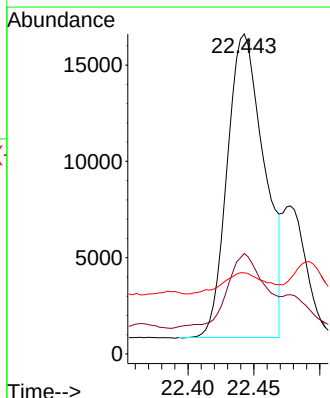
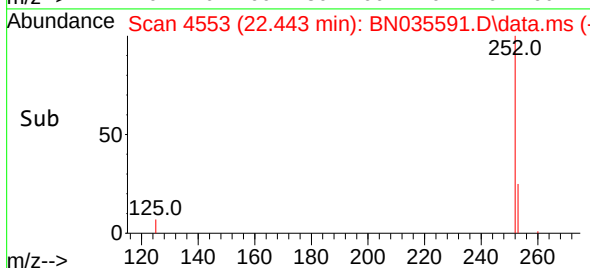
Reviewed By :Yogesh Patel 12/14/2024
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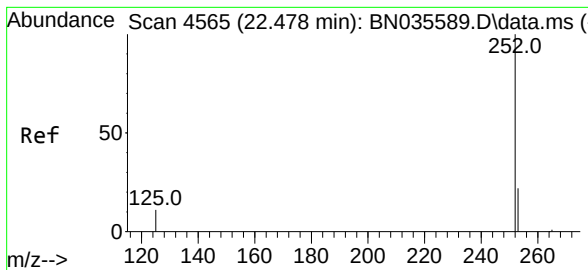


#24
Benzo(b)fluoranthene
Concen: 0.971 ng/ul m
RT: 22.443 min Scan# 4553
Delta R.T. 0.003 min
Lab File: BN035591.D
Acq: 13 Dec 2024 11:31



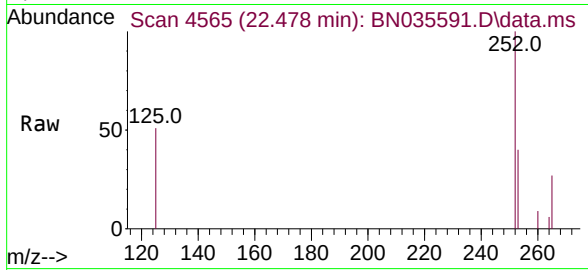
Tgt Ion:252 Resp: 30982
Ion Ratio Lower Upper
252 100
253 31.4 0.0 54.0
125 25.4 0.0 19.4





#25
Benzo(k)fluoranthene
Concen: 0.281 ng/ul m
RT: 22.478 min Scan# 4565
Delta R.T. -0.003 min
Lab File: BN035591.D
Acq: 13 Dec 2024 11:31

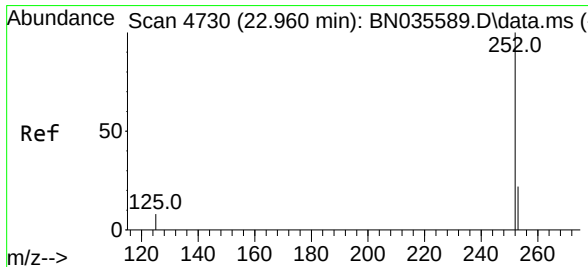
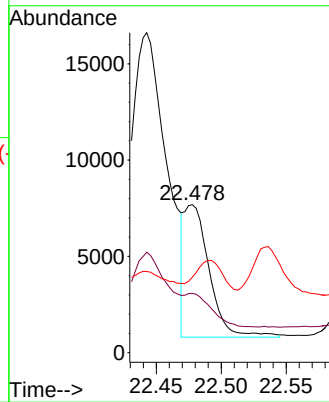
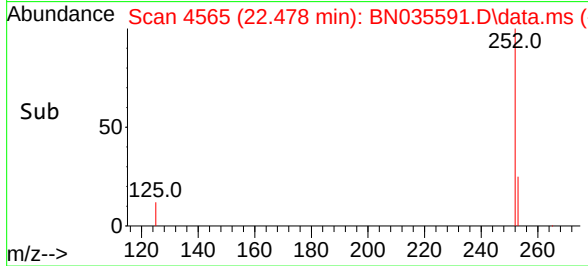
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Tgt Ion:252 Resp: 9235
Ion Ratio Lower Upper
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253 40.0 21.8 32.6
125 51.0 8.6 12.8

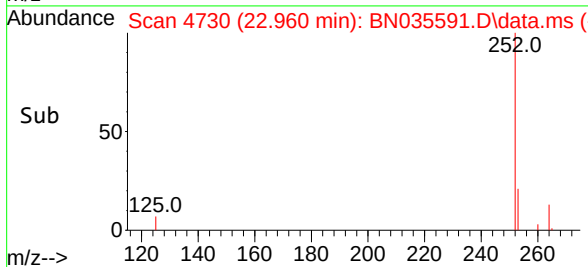
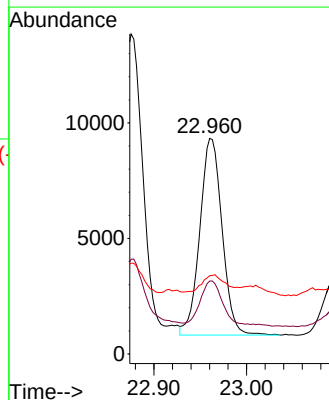
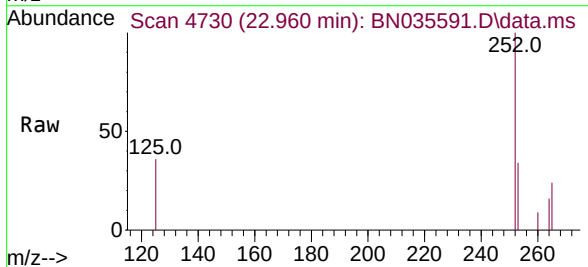
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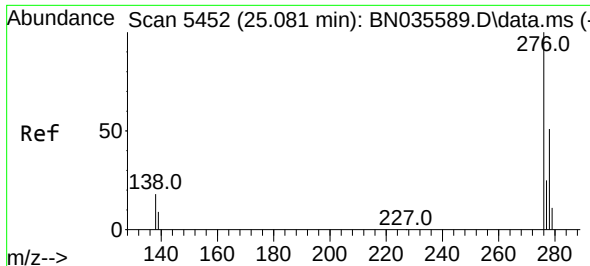
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#26
Benzo(a)pyrene
Concen: 0.489 ng/ul
RT: 22.960 min Scan# 4730
Delta R.T. 0.000 min
Lab File: BN035591.D
Acq: 13 Dec 2024 11:31

Tgt Ion:252 Resp: 14247
Ion Ratio Lower Upper
252 100
253 33.9 22.9 34.3
125 36.3 9.4 14.2





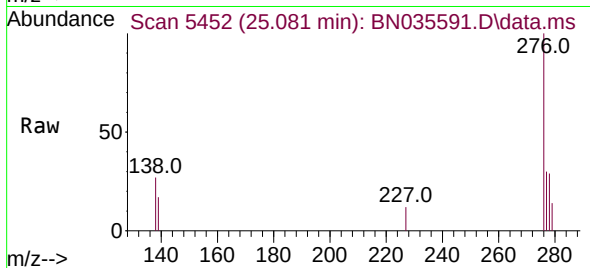
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.343 ng/ul
 RT: 25.081 min Scan# 5452
 Delta R.T. 0.000 min
 Lab File: BN035591.D
 Acq: 13 Dec 2024 11:31

Instrument :

BNA_N

ClientSampleId :

E28P9DL



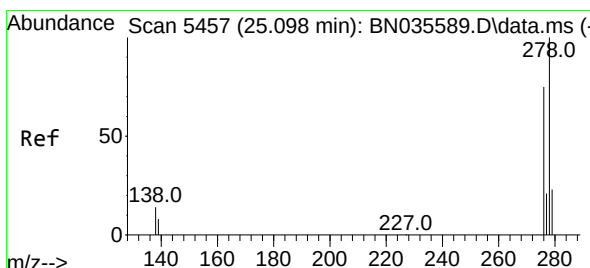
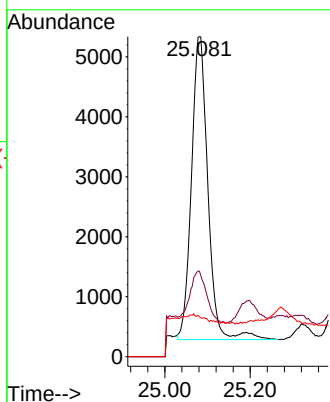
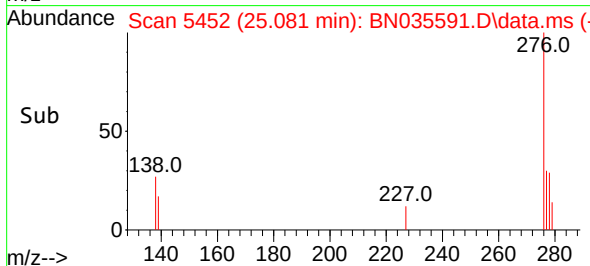
Tgt Ion:276 Resp: 1352
 Ion Ratio Lower Upper
 276 100
 138 14.3 13.8 20.8
 227 0.0 0.2 0.4

Manual Integrations

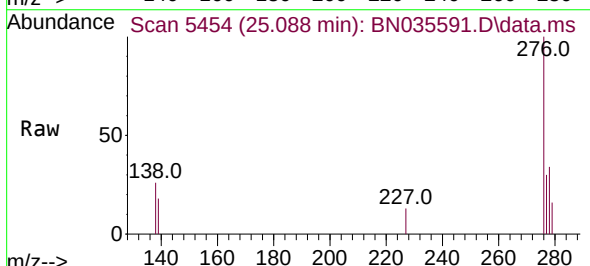
APPROVED

Reviewed By :Yogesh Patel 12/14/2024

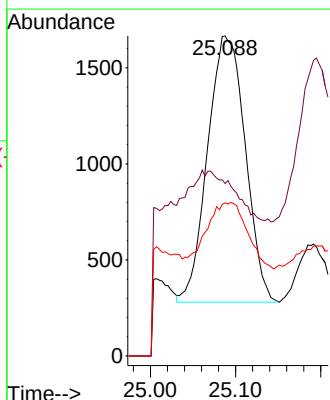
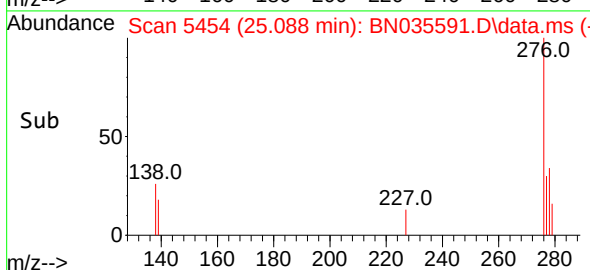
Supervised By :mohammad ahmed 12/14/2024

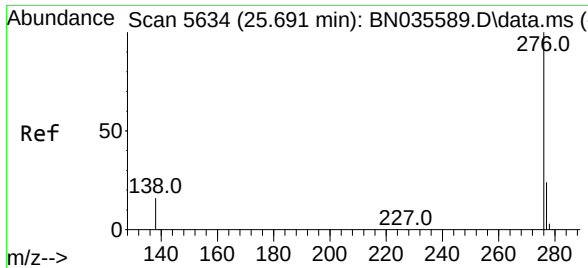


#28
 Dibenzo(a,h)anthracene
 Concen: 0.138 ng/ul m
 RT: 25.088 min Scan# 5454
 Delta R.T. -0.013 min
 Lab File: BN035591.D
 Acq: 13 Dec 2024 11:31



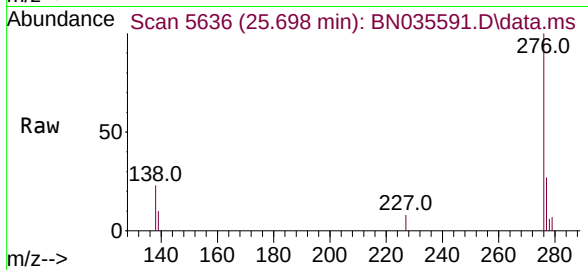
Tgt Ion:278 Resp: 4267
 Ion Ratio Lower Upper
 278 100
 139 53.9 10.7 16.1#
 279 47.8 22.8 34.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.519 ng/ul
 RT: 25.698 min Scan# 50
 Delta R.T. 0.007 min
 Lab File: BN035591.D
 Acq: 13 Dec 2024 11:31

Instrument :
 BNA_N
 ClientSampleId :
 E28P9DL



Tgt Ion:	276	Resp:	1610
Ion Ratio	Lower	Upper	
276	100		
138	23.2	13.0	19.6
277	27.3	20.5	30.7

Manual Integrations
 APPROVED

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

