

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
 Data File : BN035651.D
 Acq On : 17 Dec 2024 13:00
 Operator : RC/JU
 Sample : P5232-15
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28S9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 17 14:04:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:26:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.284	152	3673	0.400	ng/ul	0.00
4) Naphthalene-d8	10.026	136	10643	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	7353	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	15485	0.400	ng/ul	0.00
17) Chrysene-d12	20.961	240	12418	0.400	ng/ul	0.00
23) Perylene-d12	23.048	264	13244m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	7470	2.294	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	2498	0.165	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	5279	0.145	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.075	128	1800m	0.069	ng/ul	
7) 2-Methylnaphthalene	11.708	142	1245	0.071	ng/ul	100
8) 1-Methylnaphthalene	11.934	142	886	0.049	ng/ul	99
10) Acenaphthylene	13.657	152	634	0.022	ng/ul#	63
15) Phenanthrene	16.755	178	5599	0.144	ng/ul	98
16) Anthracene	16.848	178	1311	0.036	ng/ul#	77
19) Fluoranthene	18.800	202	13129	0.296	ng/ul	99
20) Pyrene	19.167	202	11887	0.243	ng/ul	100
21) Benzo(a)anthracene	20.947	228	5243	0.127	ng/ul#	89
22) Chrysene	20.997	228	7053	0.165	ng/ul#	94
24) Benzo(b)fluoranthene	22.440	252	10217m	0.262	ng/ul	
25) Benzo(k)fluoranthene	22.475	252	3991m	0.092	ng/ul	
26) Benzo(a)pyrene	22.957	252	6710	0.178	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.074	276	5314m	0.115	ng/ul	
28) Dibenzo(a,h)anthracene	25.088	278	1215m	0.035	ng/ul	
29) Benzo(g,h,i)perylene	25.691	276	5631	0.152	ng/ul#	83

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

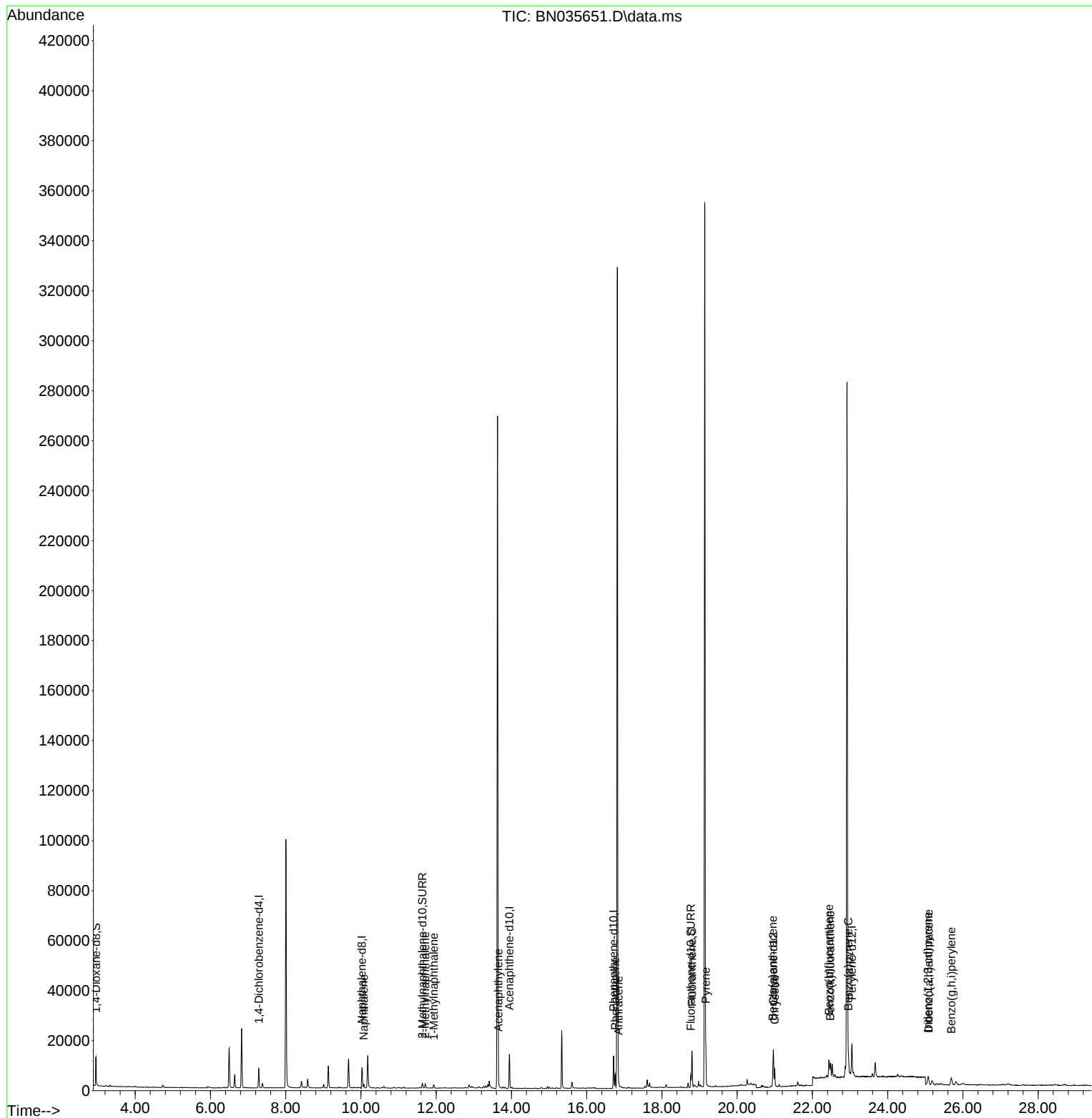
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035651.D
Acq On : 17 Dec 2024 13:00
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ALS Vial : 41 Sample Multiplier: 1

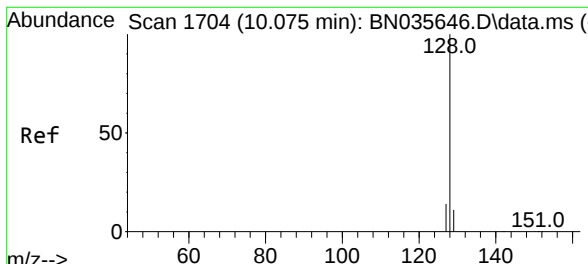
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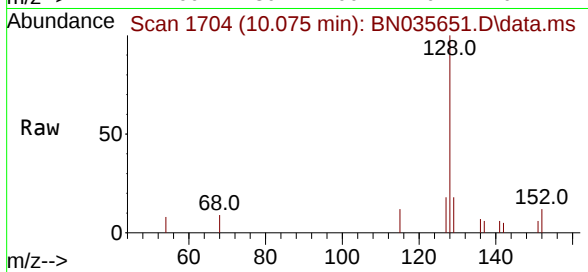
Quant Time: Dec 17 14:04:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 0.069 ng/ul m
RT: 10.075 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BN035651.D
Acq: 17 Dec 2024 13:00

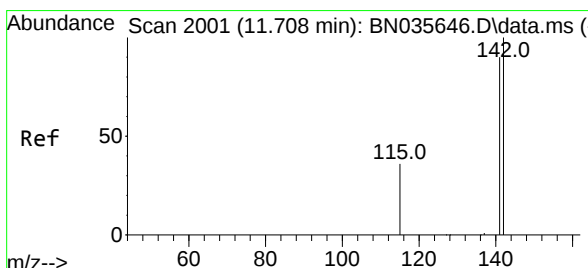
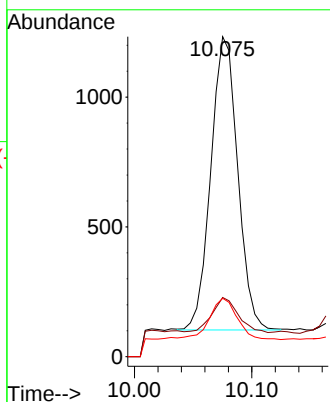
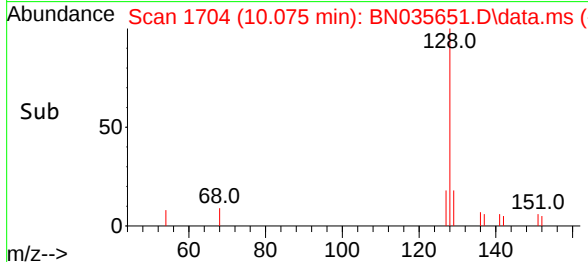
Instrument :
BNA_N
ClientSampleId :
E28S9



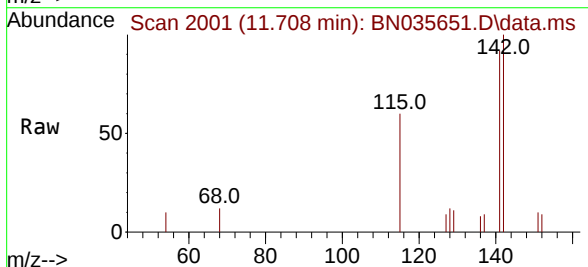
Tgt Ion:128 Resp: 1800
Ion Ratio Lower Upper
128 100
129 18.5 10.8 16.2
127 18.2 12.0 18.0

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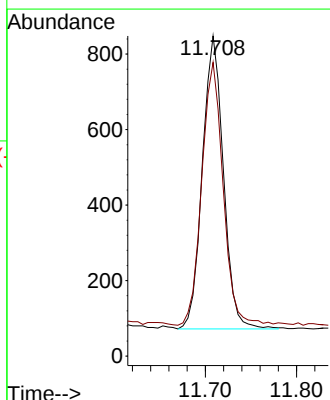
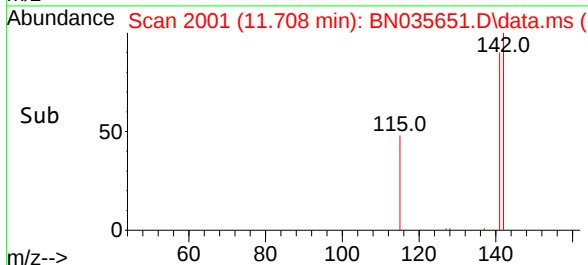
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024

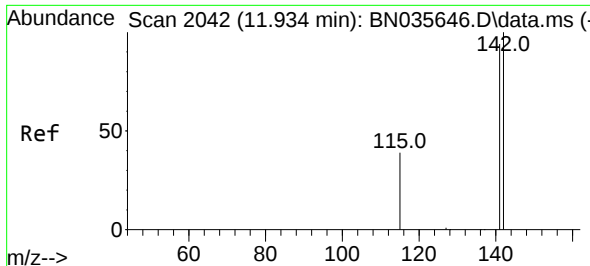


#7
2-Methylnaphthalene
Concen: 0.071 ng/ul
RT: 11.708 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BN035651.D
Acq: 17 Dec 2024 13:00



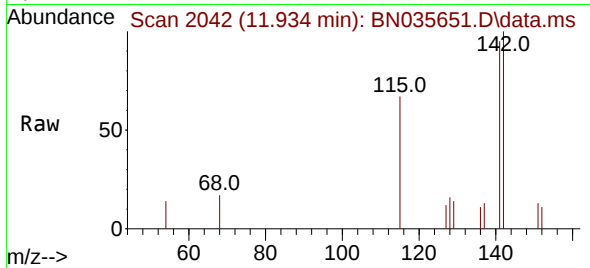
Tgt Ion:142 Resp: 1245
Ion Ratio Lower Upper
142 100
141 91.2 72.8 109.2





#8
1-Methylnaphthalene
Concen: 0.049 ng/ul
RT: 11.934 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BN035651.D
Acq: 17 Dec 2024 13:00

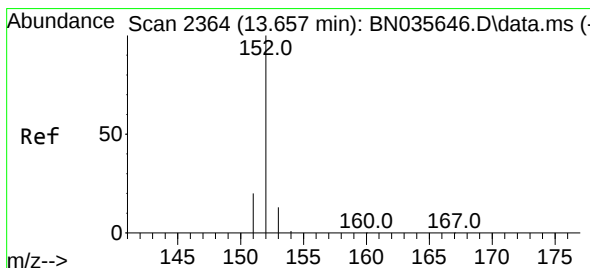
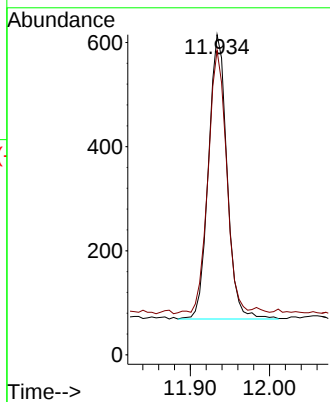
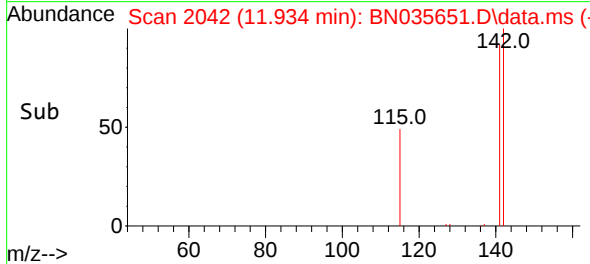
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ClientSampleId :
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Tgt Ion:142 Resp: 880
Ion Ratio Lower Upper
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141 93.9 74.7 112.1

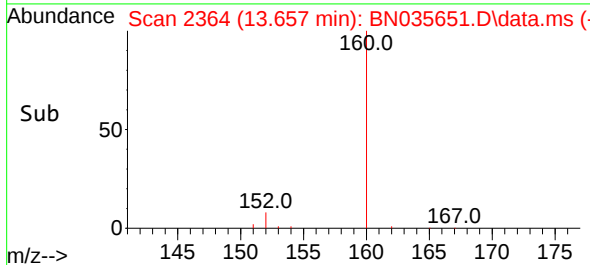
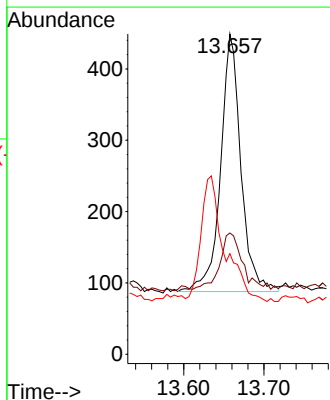
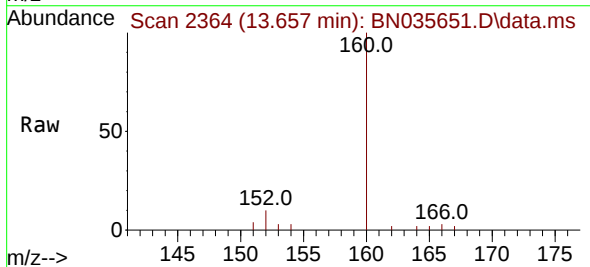
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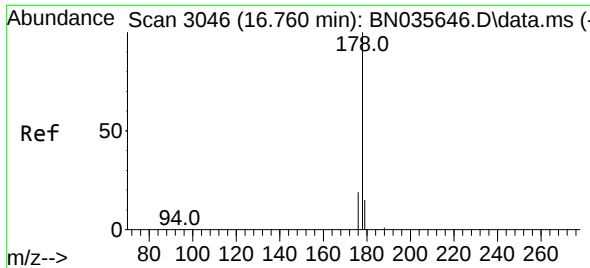
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#10
Acenaphthylene
Concen: 0.022 ng/ul
RT: 13.657 min Scan# 2364
Delta R.T. -0.004 min
Lab File: BN035651.D
Acq: 17 Dec 2024 13:00

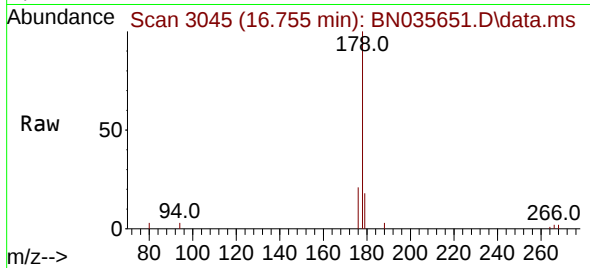
Tgt Ion:152 Resp: 634
Ion Ratio Lower Upper
152 100
151 37.9 17.6 26.4#
153 31.4 11.4 17.2#





#15
Phenanthrene
Concen: 0.144 ng/ul
RT: 16.755 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BN035651.D
Acq: 17 Dec 2024 13:00

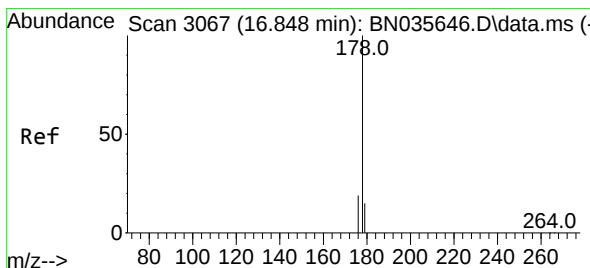
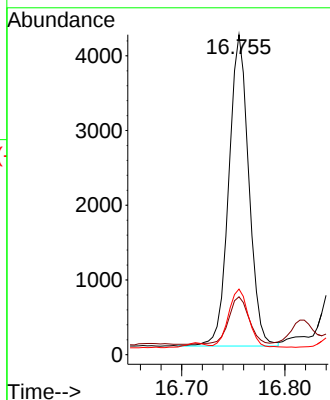
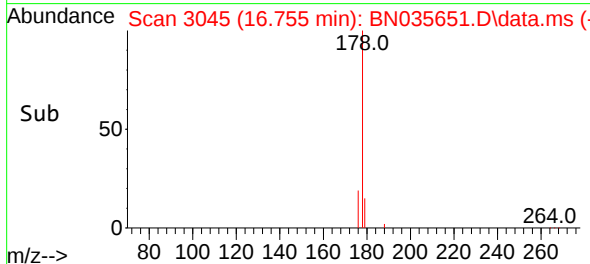
Instrument :
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Tgt Ion:178 Resp: 5599
Ion Ratio Lower Upper
178 100
179 18.1 13.3 19.9
176 20.5 15.8 23.8

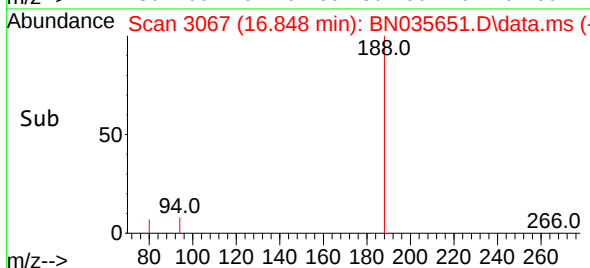
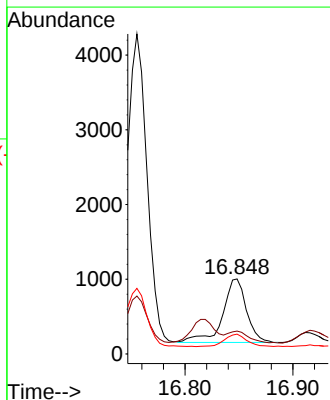
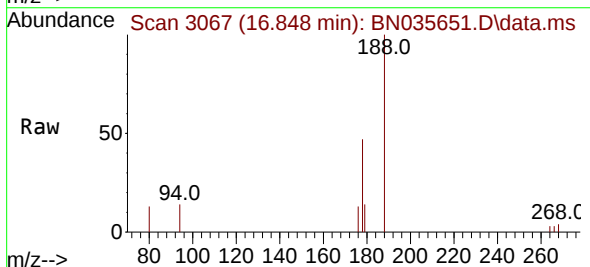
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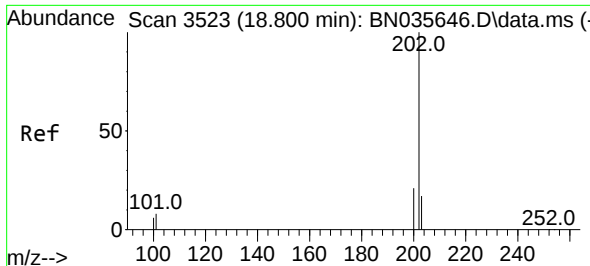
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#16
Anthracene
Concen: 0.036 ng/ul
RT: 16.848 min Scan# 3067
Delta R.T. 0.000 min
Lab File: BN035651.D
Acq: 17 Dec 2024 13:00

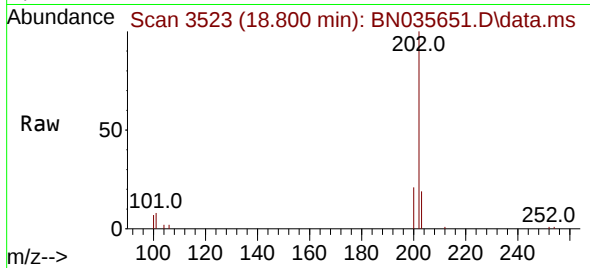
Tgt Ion:178 Resp: 1311
Ion Ratio Lower Upper
178 100
179 30.5 13.4 20.0#
176 26.4 15.4 23.0#





#19
Fluoranthene
Concen: 0.296 ng/ul
RT: 18.800 min Scan# 3523
Delta R.T. 0.000 min
Lab File: BN035651.D
Acq: 17 Dec 2024 13:00

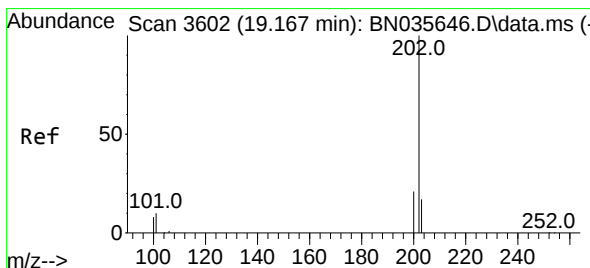
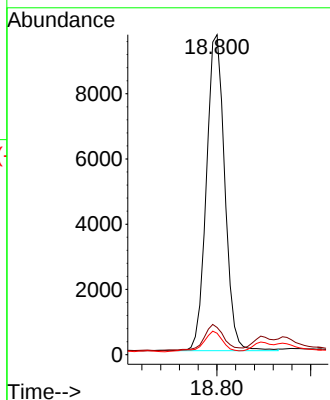
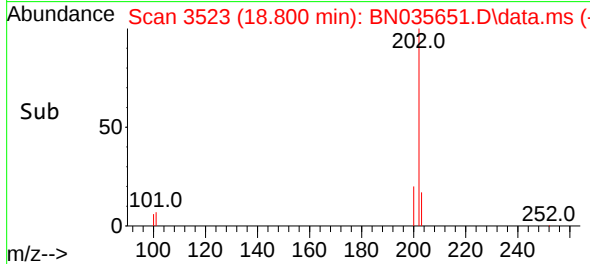
Instrument :
BNA_N
ClientSampleId :
E28S9



Tgt Ion:202 Resp: 13129
Ion Ratio Lower Upper
202 100
101 8.5 7.3 10.9
100 6.7 5.4 8.0

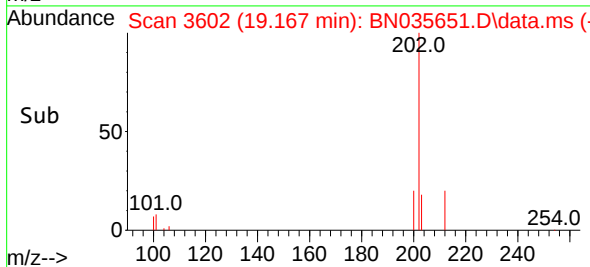
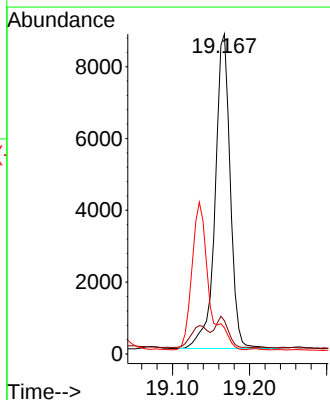
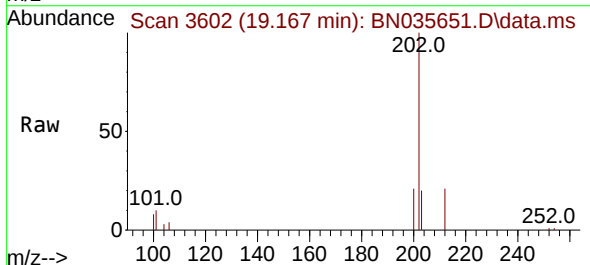
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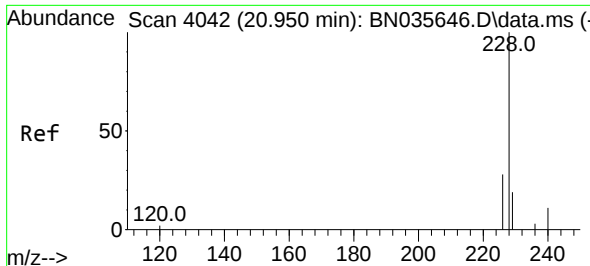
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#20
Pyrene
Concen: 0.243 ng/ul
RT: 19.167 min Scan# 3602
Delta R.T. 0.000 min
Lab File: BN035651.D
Acq: 17 Dec 2024 13:00

Tgt Ion:202 Resp: 11887
Ion Ratio Lower Upper
202 100
101 10.4 8.5 12.7
100 8.2 6.5 9.7





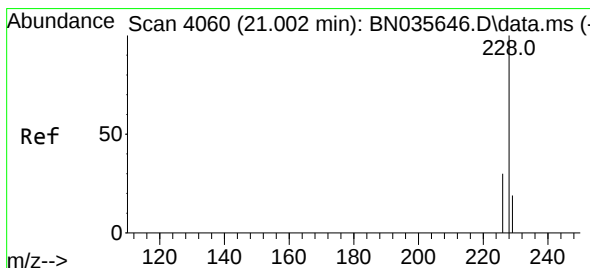
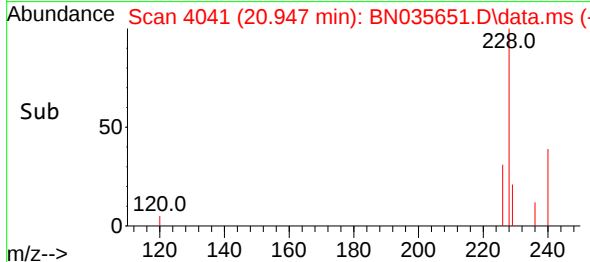
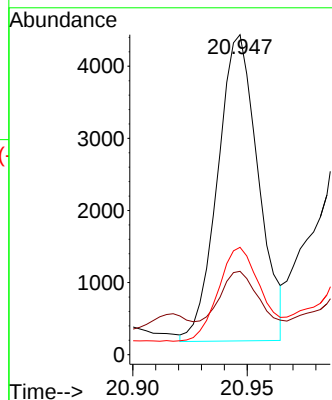
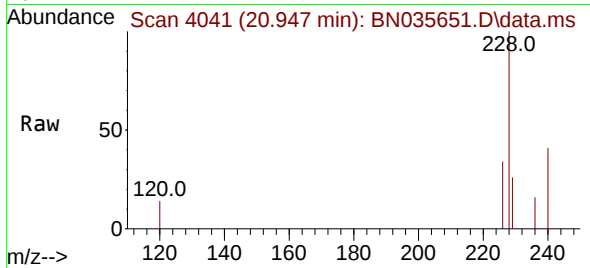
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Benzo(a)anthracene
Concen: 0.127 ng/ul
RT: 20.947 min Scan# 4041
Delta R.T. -0.003 min
Lab File: BN035651.D
Acq: 17 Dec 2024 13:00

Instrument :
BNA_N
ClientSampleId :
E28S9

Tgt Ion:228 Resp: 524
Ion Ratio Lower Upper
228 100
229 26.1 16.6 25.0
226 33.5 22.5 33.7

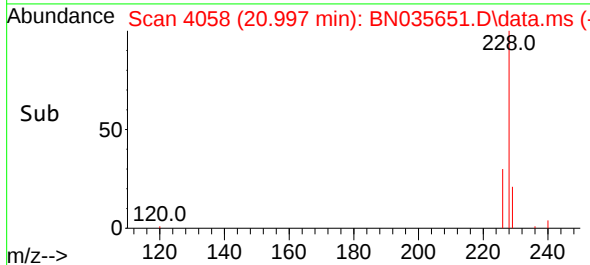
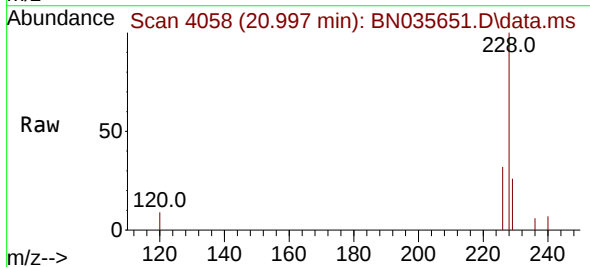
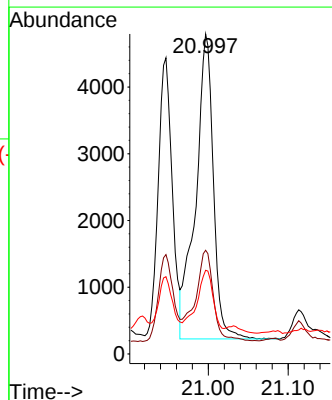
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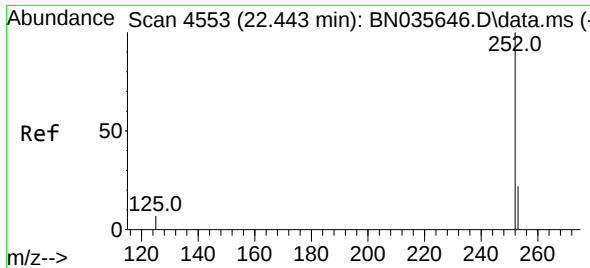
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#22
Chrysene
Concen: 0.165 ng/ul
RT: 20.997 min Scan# 4058
Delta R.T. -0.003 min
Lab File: BN035651.D
Acq: 17 Dec 2024 13:00

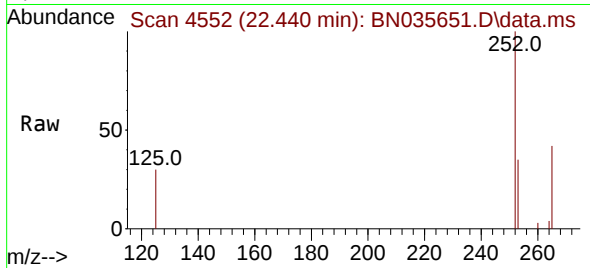
Tgt Ion:228 Resp: 7053
Ion Ratio Lower Upper
228 100
226 32.4 25.1 37.7
229 26.1 16.6 24.8





#24
Benzo(b)fluoranthene
Concen: 0.262 ng/ul m
RT: 22.440 min Scan# 4552
Delta R.T. -0.003 min
Lab File: BN035651.D
Acq: 17 Dec 2024 13:00

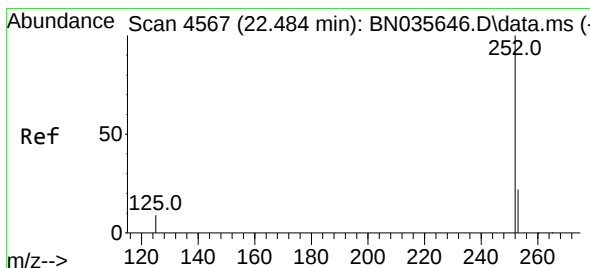
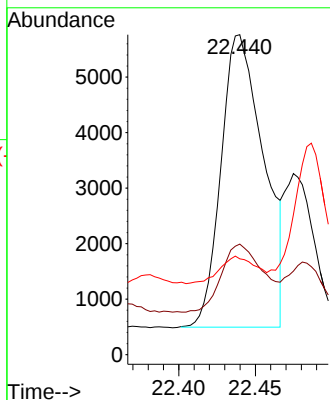
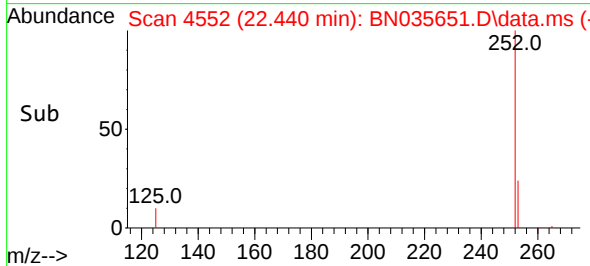
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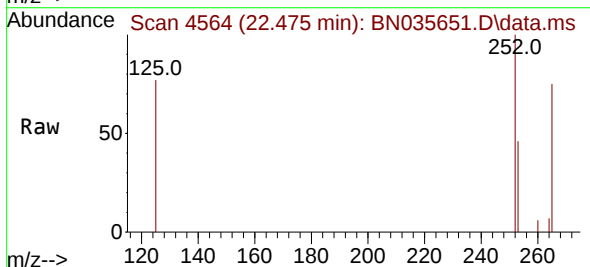
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Ion Ratio Lower Upper
252 100
253 34.6 0.0 56.4
125 29.9 0.0 37.6

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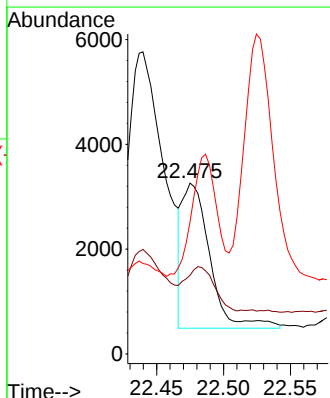
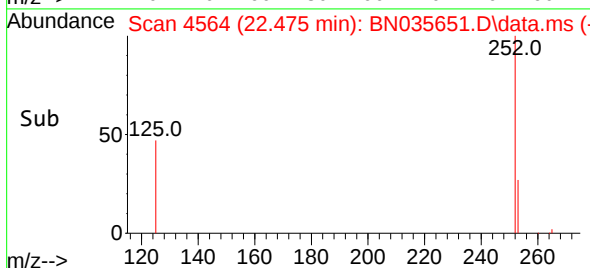
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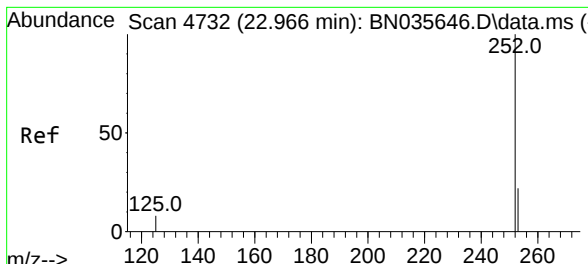


#25
Benzo(k)fluoranthene
Concen: 0.092 ng/ul m
RT: 22.475 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BN035651.D
Acq: 17 Dec 2024 13:00



Tgt Ion:252 Resp: 3991
Ion Ratio Lower Upper
252 100
253 46.1 22.1 33.1#
125 77.3 15.3 22.9#





#26
 Benzo(a)pyrene
 Concen: 0.178 ng/ul
 RT: 22.957 min Scan# 4732
 Delta R.T. -0.006 min
 Lab File: BN035651.D
 Acq: 17 Dec 2024 13:00

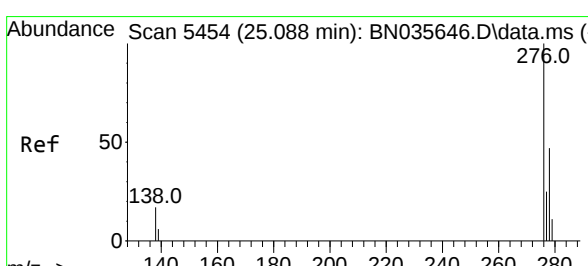
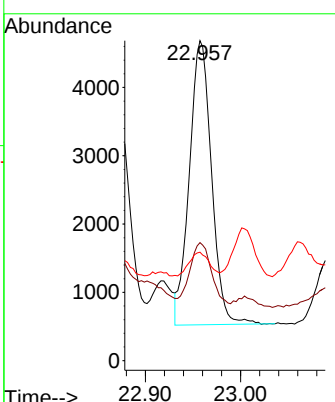
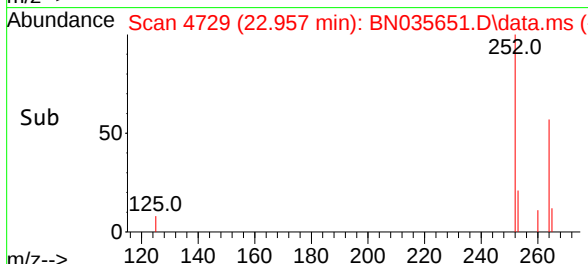
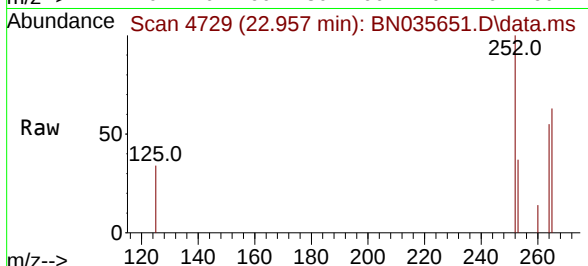
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Tgt Ion:252 Resp: 6710

Ion	Ratio	Lower	Upper
252	100		
253	36.9	24.1	36.1
125	33.9	19.1	28.7

Manual Integrations
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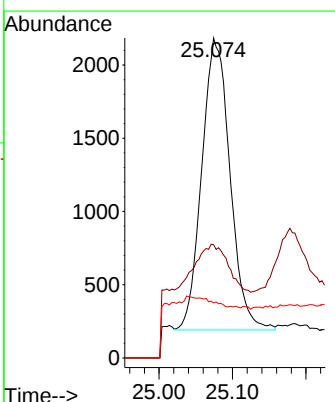
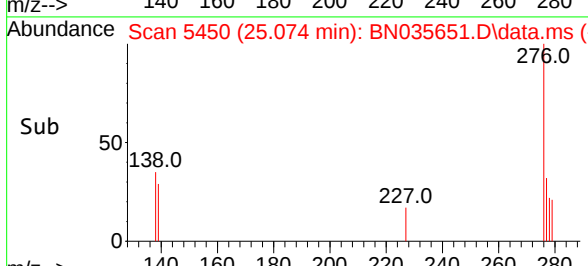
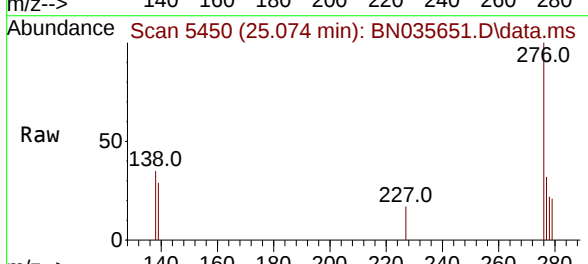
Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/21/2024

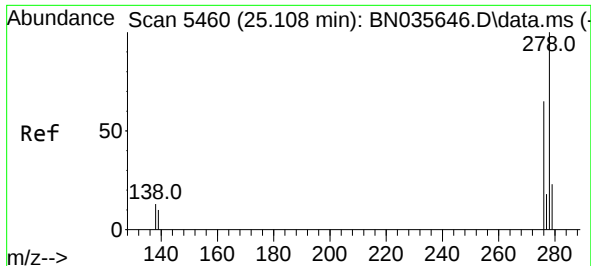


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.115 ng/ul m
 RT: 25.074 min Scan# 5450
 Delta R.T. -0.006 min
 Lab File: BN035651.D
 Acq: 17 Dec 2024 13:00

Tgt Ion:276 Resp: 5314

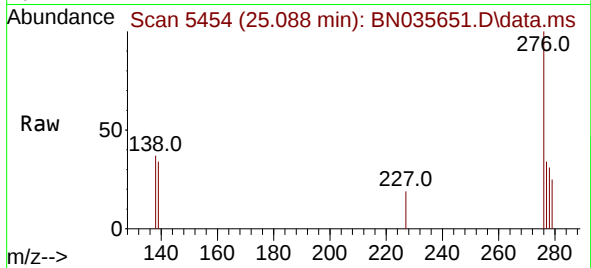
Ion	Ratio	Lower	Upper
276	100		
138	96.4	14.7	22.1
227	0.0	21.6	32.4





#28
Dibenzo(a,h)anthracene
Concen: 0.035 ng/ul m
RT: 25.088 min Scan# 5460
Delta R.T. -0.013 min
Lab File: BN035651.D
Acq: 17 Dec 2024 13:00

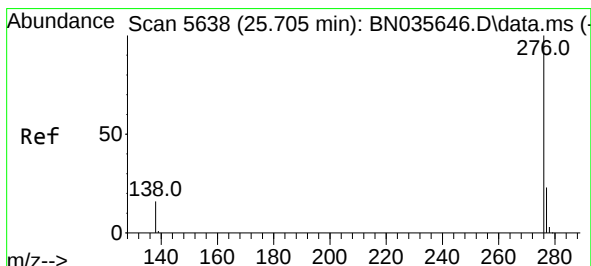
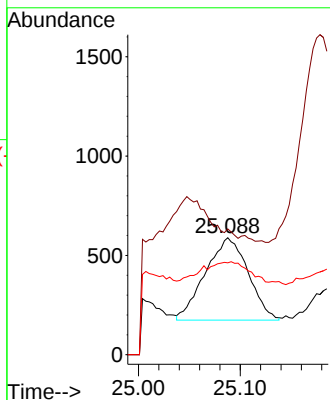
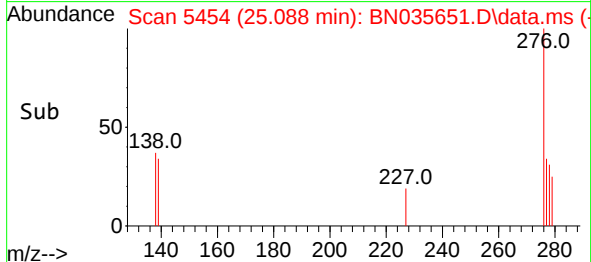
Instrument :
BNA_N
ClientSampleId :
E28S9



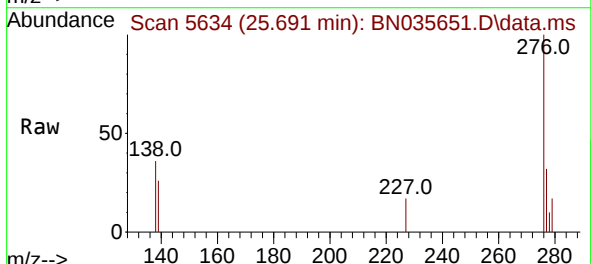
Tgt Ion:278 Resp: 1215
Ion Ratio Lower Upper
278 100
139 107.5 19.8 29.8#
279 78.6 24.0 36.0#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#29
Benzo(g,h,i)perylene
Concen: 0.152 ng/ul
RT: 25.691 min Scan# 5634
Delta R.T. -0.006 min
Lab File: BN035651.D
Acq: 17 Dec 2024 13:00



Tgt Ion:276 Resp: 5631
Ion Ratio Lower Upper
276 100
138 36.1 19.6 29.4#
277 32.4 21.6 32.4#

