

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
 Data File : BN035648.D
 Acq On : 17 Dec 2024 11:12
 Operator : RC/JU
 Sample : P5232-11DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28S5DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 17 14:40:51 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	2646	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	7896	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.949	164	5266	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	10972	0.400	ng/ul	0.00
17) Chrysene-d12	20.961	240	9090	0.400	ng/ul	0.00
23) Perylene-d12	23.048	264	9808m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	1493	0.636	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152	464	0.041	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	1091	0.041	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.081	128	754m	0.039	ng/ul	
7) 2-Methylnaphthalene	11.708	142	597	0.046	ng/ul	98
8) 1-Methylnaphthalene	11.939	142	469	0.035	ng/ul	91
10) Acenaphthylene	13.657	152	1460	0.072	ng/ul#	86
15) Phenanthrene	16.755	178	4946	0.180	ng/ul	97
16) Anthracene	16.848	178	1368	0.053	ng/ul#	83
19) Fluoranthene	18.800	202	12738	0.392	ng/ul	99
20) Pyrene	19.167	202	11326	0.316	ng/ul	99
21) Benzo(a)anthracene	20.947	228	5994	0.199	ng/ul#	90
22) Chrysene	20.997	228	7069m	0.226	ng/ul	
24) Benzo(b)fluoranthene	22.440	252	11202m	0.388	ng/ul	
25) Benzo(k)fluoranthene	22.475	252	4349m	0.136	ng/ul	
26) Benzo(a)pyrene	22.957	252	7974	0.285	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	25.078	276	6687m	0.196	ng/ul	
28) Dibenzo(a,h)anthracene	25.084	278	1402m	0.054	ng/ul	
29) Benzo(g,h,i)perylene	25.695	276	7394	0.270	ng/ul#	91

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

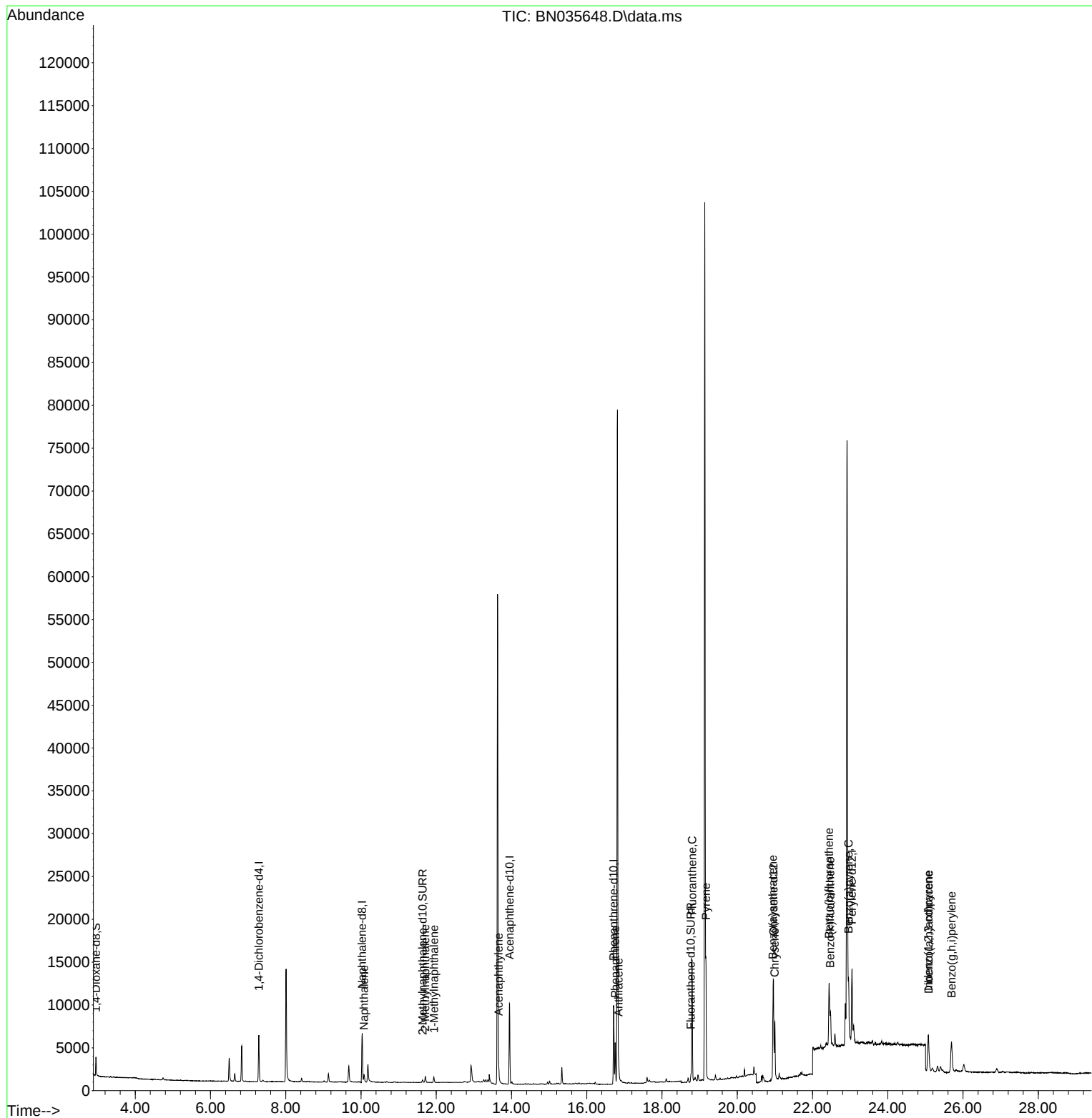
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
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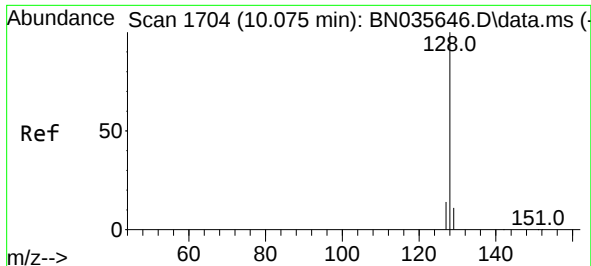
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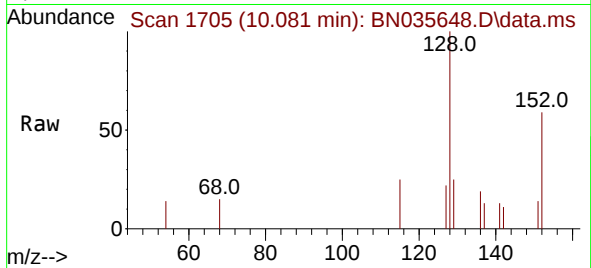
Quant Time: Dec 17 14:40:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
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#5
Naphthalene
Concen: 0.039 ng/ul m
RT: 10.081 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN035648.D
Acq: 17 Dec 2024 11:12

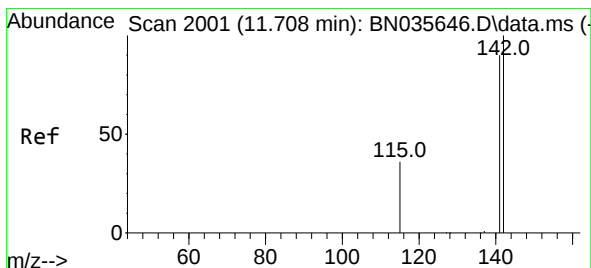
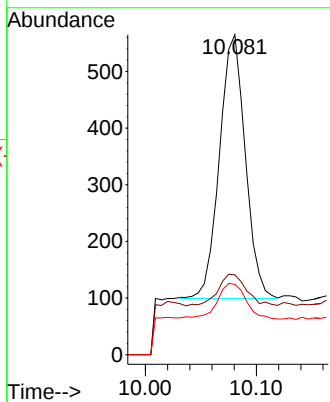
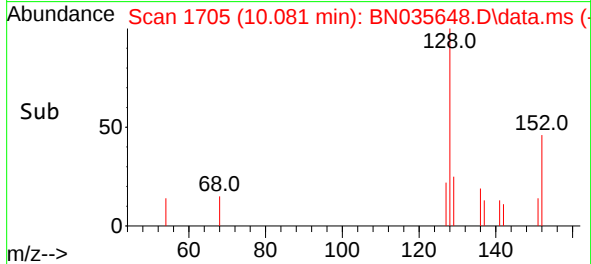
Instrument :
BNA_N
ClientSampleId :
E28S5DL



Tgt Ion:128 Resp: 754
Ion Ratio Lower Upper
128 100
129 25.0 10.8 16.2
127 21.9 12.0 18.0

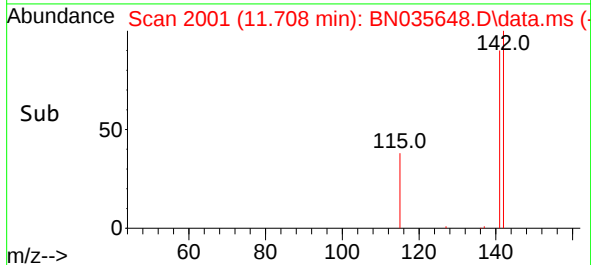
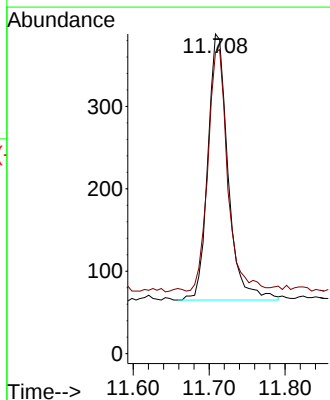
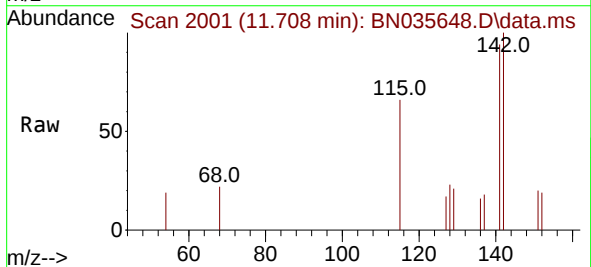
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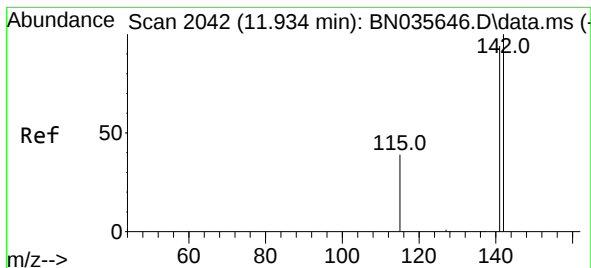
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#7
2-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 11.708 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BN035648.D
Acq: 17 Dec 2024 11:12

Tgt Ion:142 Resp: 597
Ion Ratio Lower Upper
142 100
141 88.8 72.8 109.2





#8

1-Methylnaphthalene

Concen: 0.035 ng/ul

RT: 11.939 min Scan# 2042

Delta R.T. 0.000 min

Lab File: BN035648.D

Acq: 17 Dec 2024 11:12

Instrument :

BNA_N

ClientSampleId :

E28S5DL

Tgt Ion:142 Resp: 469

Ion Ratio Lower Upper

142 100

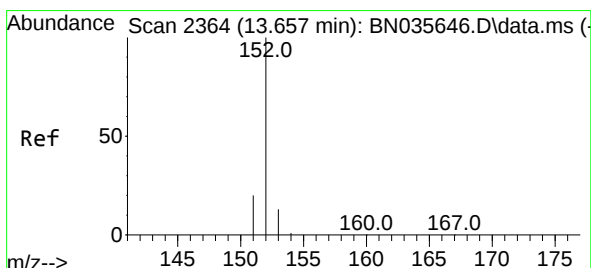
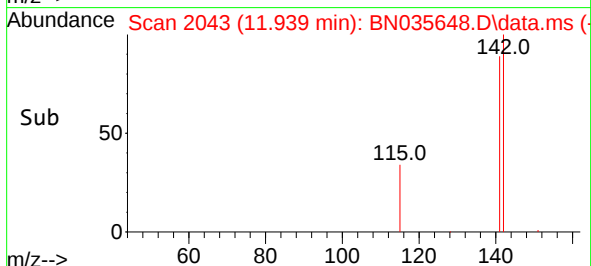
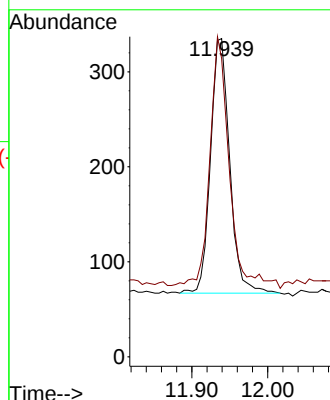
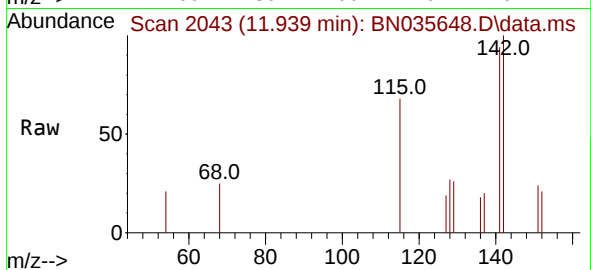
141 101.7 74.7 112.1

Manual Integrations

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#10

Acenaphthylene

Concen: 0.072 ng/ul

RT: 13.657 min Scan# 2364

Delta R.T. -0.004 min

Lab File: BN035648.D

Acq: 17 Dec 2024 11:12

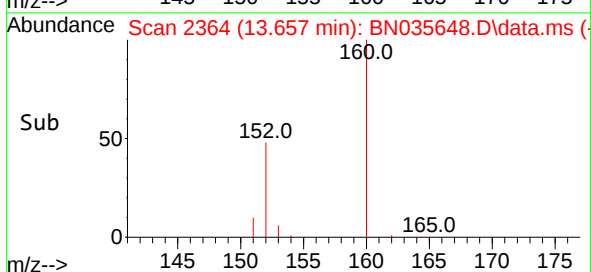
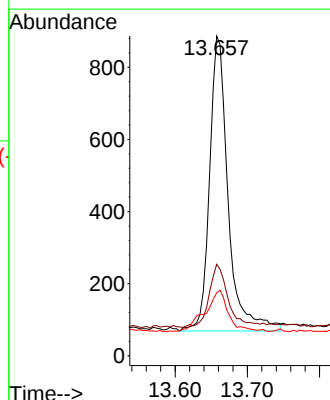
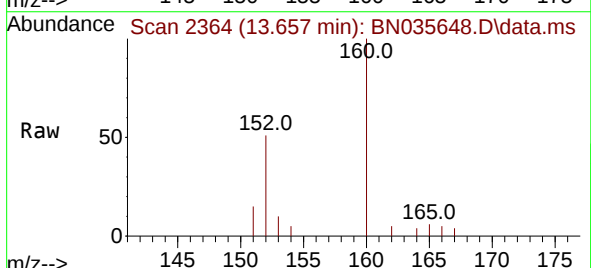
Tgt Ion:152 Resp: 1460

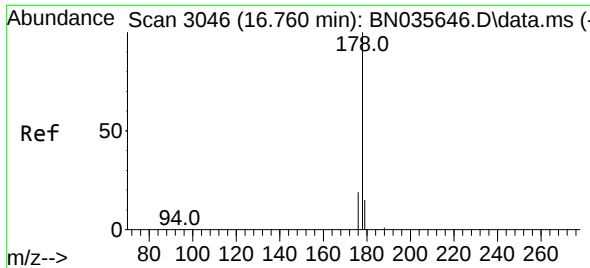
Ion Ratio Lower Upper

152 100

151 28.6 17.6 26.4#

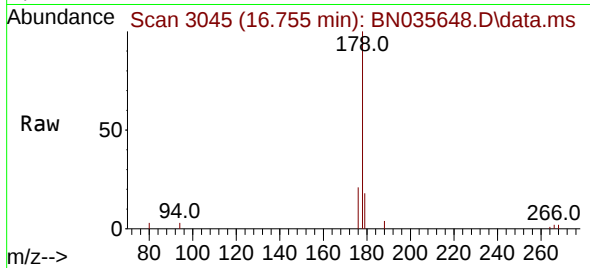
153 19.7 11.4 17.2#





#15
Phenanthrene
Concen: 0.180 ng/ul
RT: 16.755 min Scan# 3046
Delta R.T. -0.004 min
Lab File: BN035648.D
Acq: 17 Dec 2024 11:12

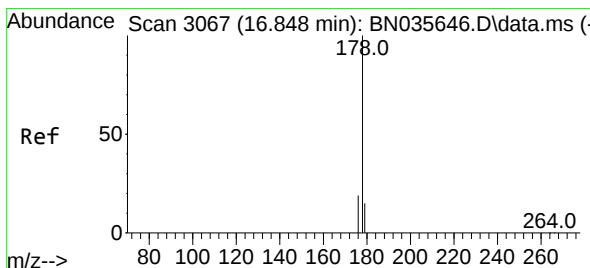
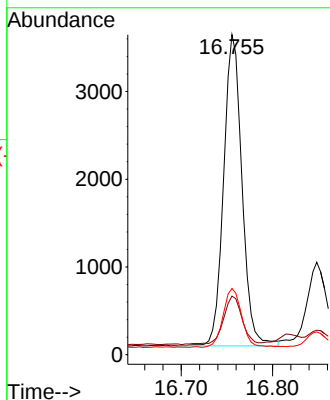
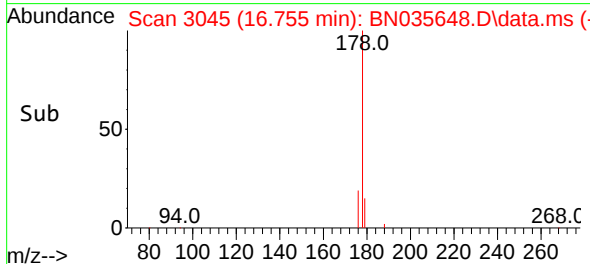
Instrument :
BNA_N
ClientSampleId :
E28S5DL



Tgt Ion:178 Resp: 4940
Ion Ratio Lower Upper
178 100
179 18.3 13.3 19.9
176 20.7 15.8 23.8

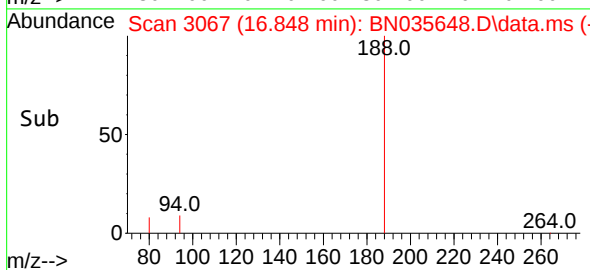
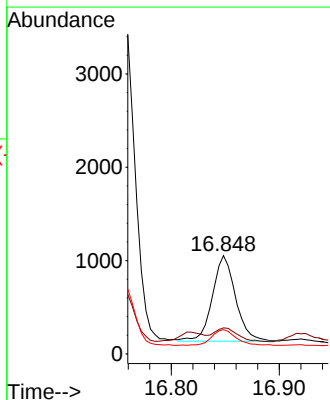
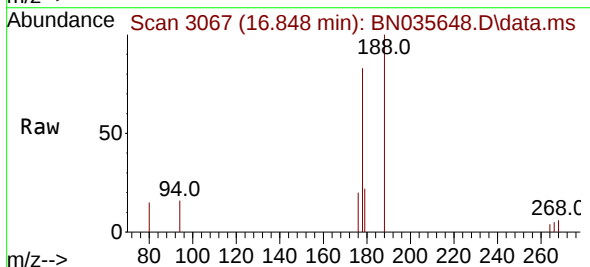
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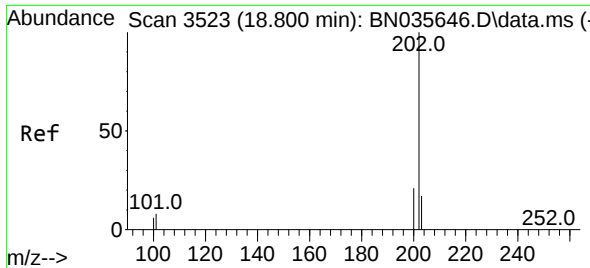
Reviewed By :Yogesh Patel 12/18/2024
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#16
Anthracene
Concen: 0.053 ng/ul
RT: 16.848 min Scan# 3067
Delta R.T. 0.000 min
Lab File: BN035648.D
Acq: 17 Dec 2024 11:12

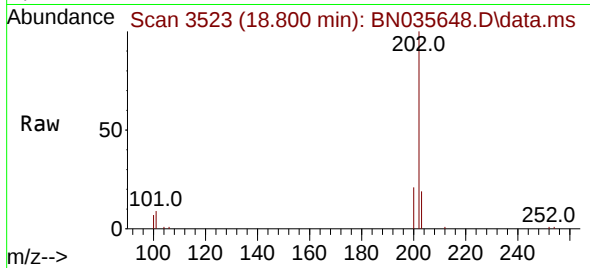
Tgt Ion:178 Resp: 1368
Ion Ratio Lower Upper
178 100
179 26.6 13.4 20.0#
176 24.7 15.4 23.0#





#19
Fluoranthene
Concen: 0.392 ng/ul
RT: 18.800 min Scan# 3523
Delta R.T. 0.000 min
Lab File: BN035648.D
Acq: 17 Dec 2024 11:12

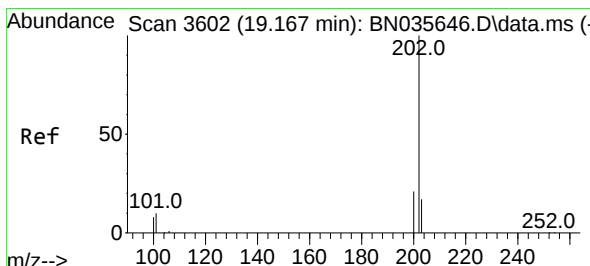
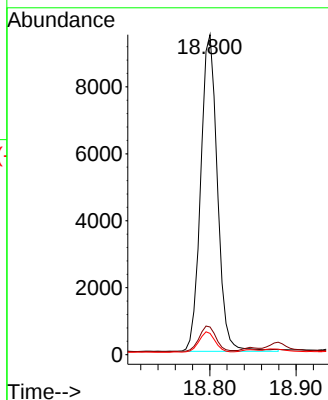
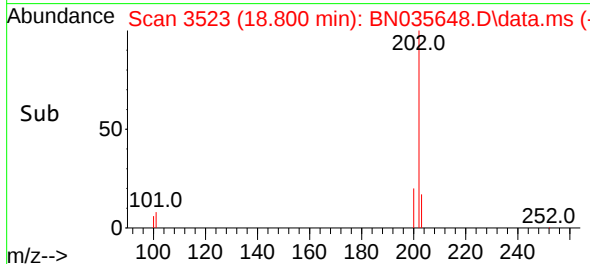
Instrument :
BNA_N
ClientSampleId :
E28S5DL



Tgt Ion:202 Resp: 12738
Ion Ratio Lower Upper
202 100
101 8.6 7.3 10.9
100 6.6 5.4 8.0

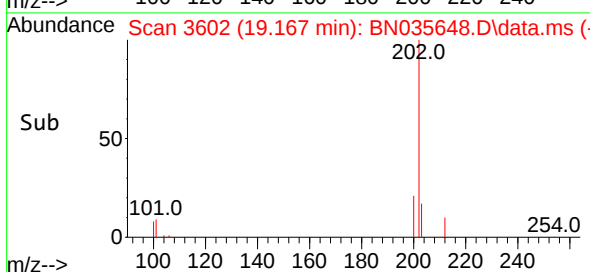
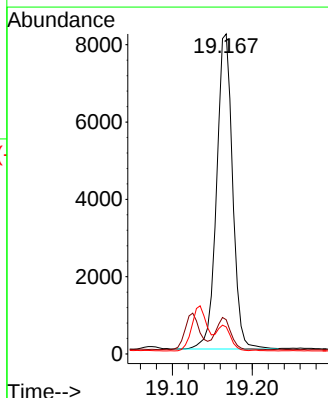
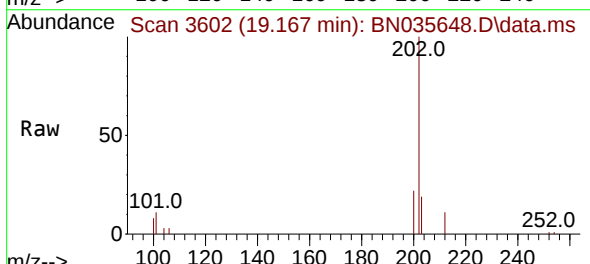
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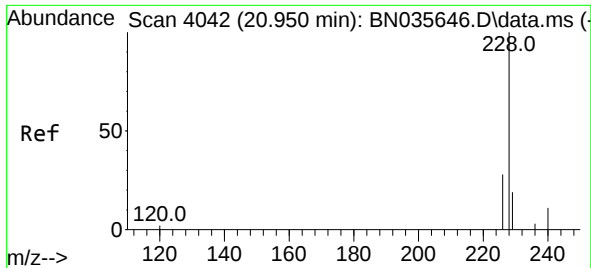
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#20
Pyrene
Concen: 0.316 ng/ul
RT: 19.167 min Scan# 3602
Delta R.T. 0.000 min
Lab File: BN035648.D
Acq: 17 Dec 2024 11:12

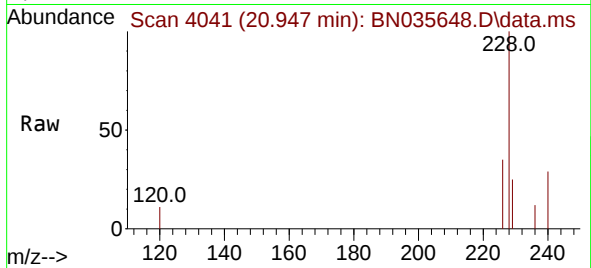
Tgt Ion:202 Resp: 11326
Ion Ratio Lower Upper
202 100
101 10.7 8.5 12.7
100 8.5 6.5 9.7





#21
Benzo(a)anthracene
Concen: 0.199 ng/ul
RT: 20.947 min Scan# 4042
Delta R.T. -0.003 min
Lab File: BN035648.D
Acq: 17 Dec 2024 11:12

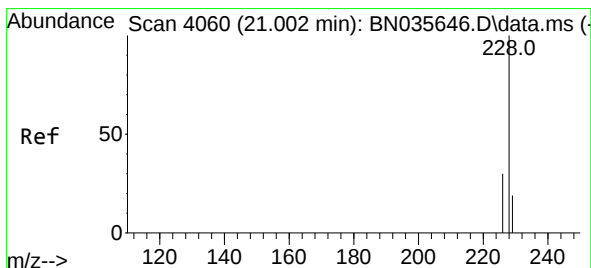
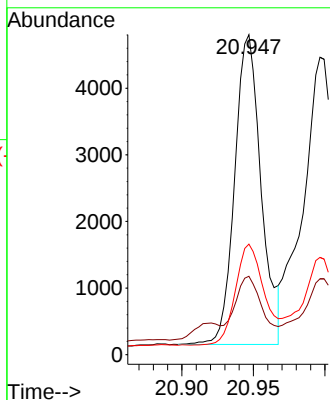
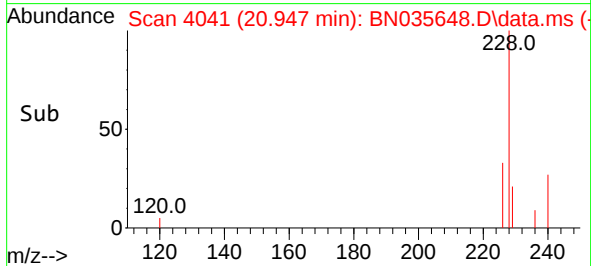
Instrument :
BNA_N
ClientSampleId :
E28S5DL



Tgt Ion:228 Resp: 5994
Ion Ratio Lower Upper
228 100
229 24.5 16.6 25.0
226 34.6 22.5 33.7

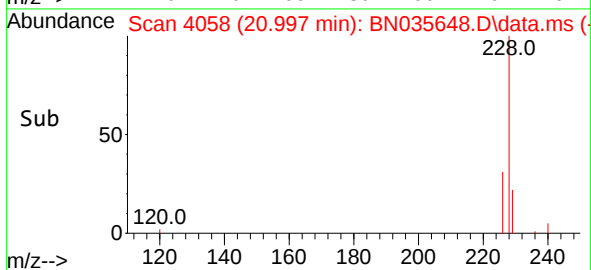
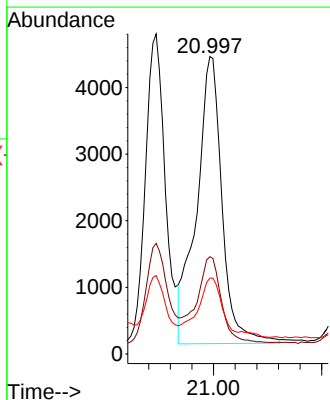
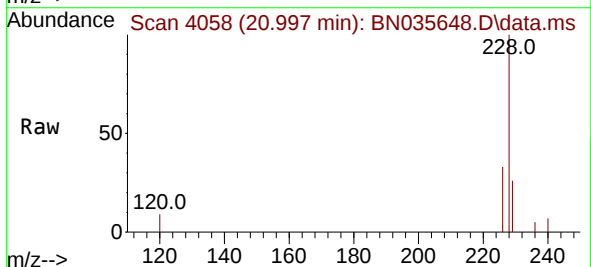
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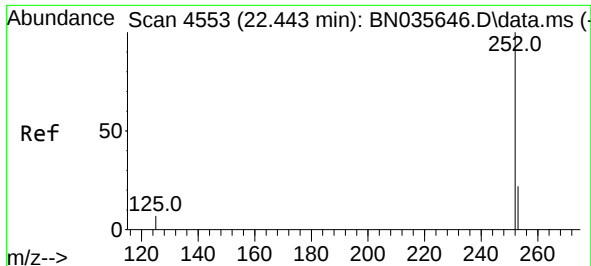
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#22
Chrysene
Concen: 0.226 ng/ul m
RT: 20.997 min Scan# 4058
Delta R.T. -0.003 min
Lab File: BN035648.D
Acq: 17 Dec 2024 11:12

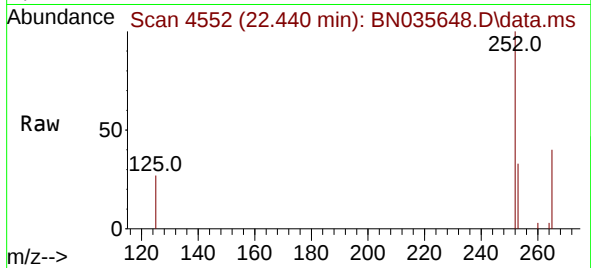
Tgt Ion:228 Resp: 7069
Ion Ratio Lower Upper
228 100
226 32.7 25.1 37.7
229 25.5 16.6 24.8





#24
Benzo(b)fluoranthene
Concen: 0.388 ng/ul m
RT: 22.440 min Scan# 4552
Delta R.T. -0.003 min
Lab File: BN035648.D
Acq: 17 Dec 2024 11:12

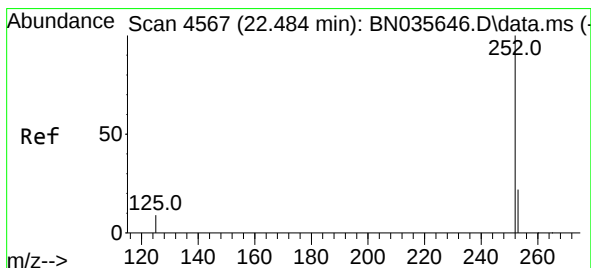
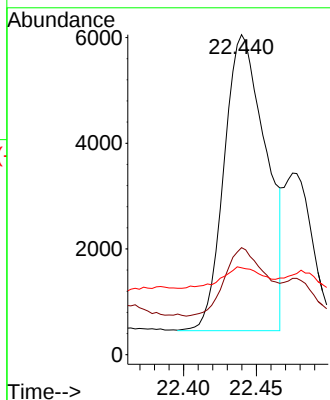
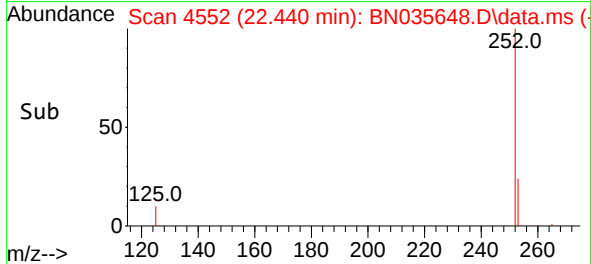
Instrument :
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E28S5DL



Tgt Ion:252 Resp: 1120
Ion Ratio Lower Upper
252 100
253 33.5 0.0 56.4
125 27.2 0.0 37.6

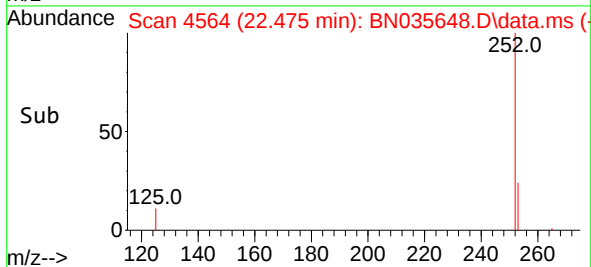
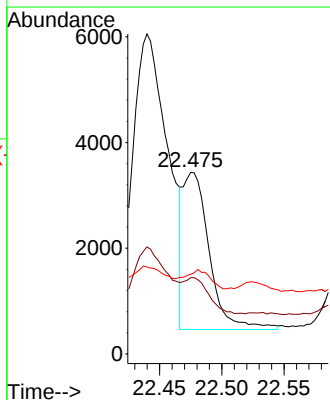
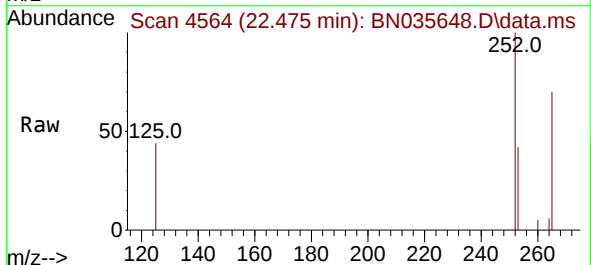
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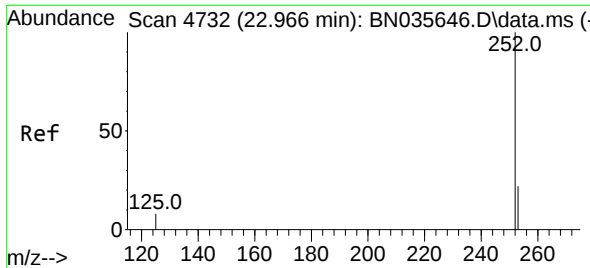
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#25
Benzo(k)fluoranthene
Concen: 0.136 ng/ul m
RT: 22.475 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BN035648.D
Acq: 17 Dec 2024 11:12

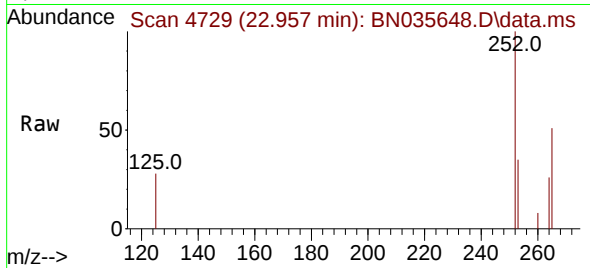
Tgt Ion:252 Resp: 4349
Ion Ratio Lower Upper
252 100
253 42.1 22.1 33.1#
125 43.8 15.3 22.9#





#26
Benzo(a)pyrene
Concen: 0.285 ng/ul
RT: 22.957 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN035648.D
Acq: 17 Dec 2024 11:12

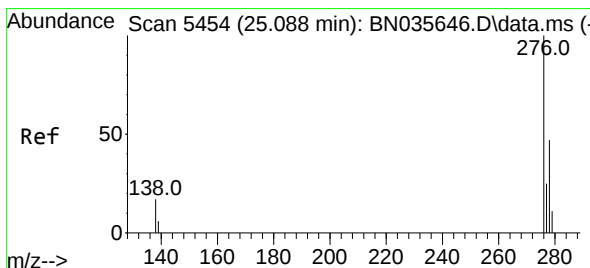
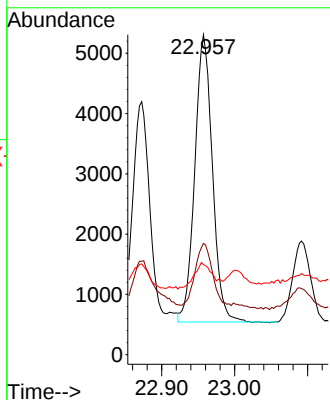
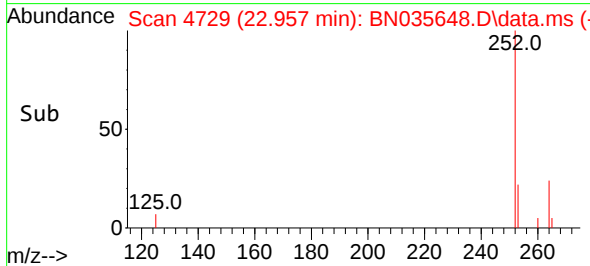
Instrument :
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E28S5DL



Tgt Ion:252 Resp: 7974
Ion Ratio Lower Upper
252 100
253 34.8 24.1 36.1
125 28.2 19.1 28.7

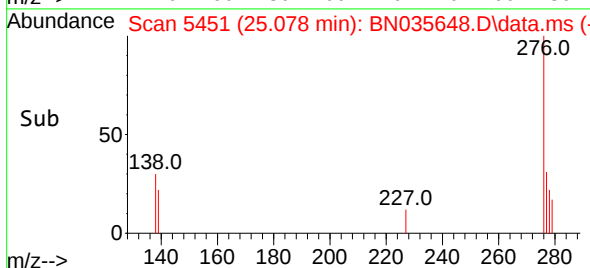
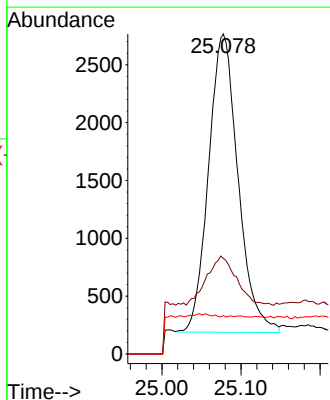
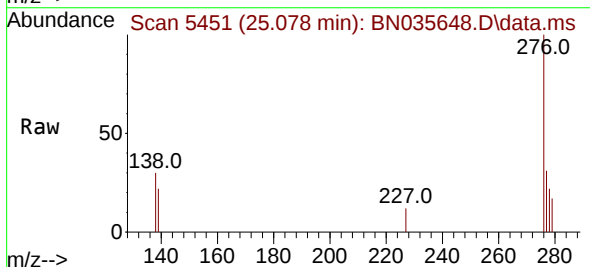
Manual Integrations
APPROVED

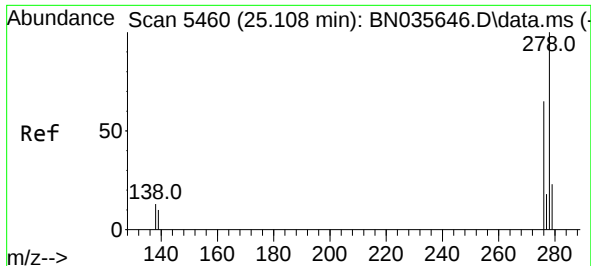
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.196 ng/ul m
RT: 25.078 min Scan# 5451
Delta R.T. -0.003 min
Lab File: BN035648.D
Acq: 17 Dec 2024 11:12

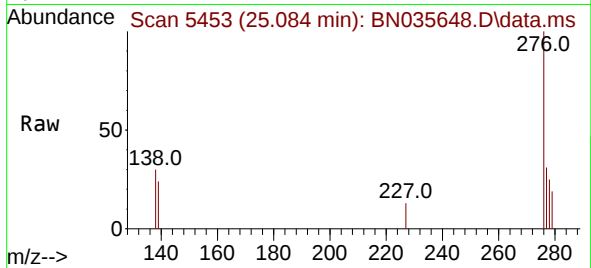
Tgt Ion:276 Resp: 6687
Ion Ratio Lower Upper
276 100
138 18.3 14.7 22.1
227 0.0 21.6 32.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.054 ng/ul m
RT: 25.084 min Scan# 5460
Delta R.T. -0.017 min
Lab File: BN035648.D
Acq: 17 Dec 2024 11:12

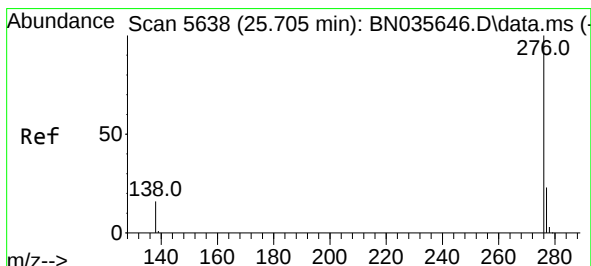
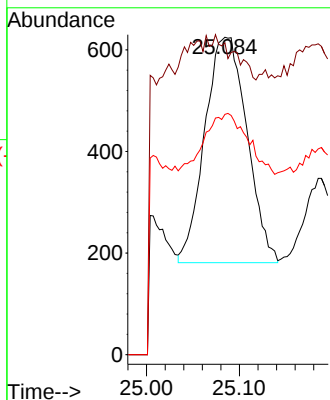
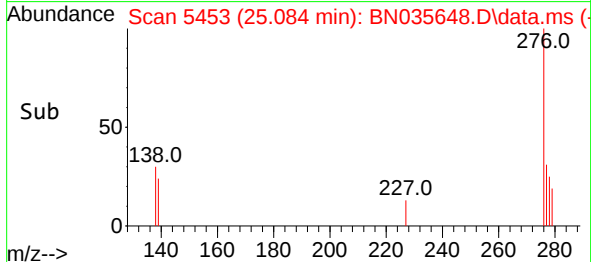
Instrument :
BNA_N
ClientSampleId :
E28S5DL



Tgt Ion:278 Resp: 1402
Ion Ratio Lower Upper
278 100
139 98.2 19.8 29.8
279 75.7 24.0 36.0

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.270 ng/ul
RT: 25.695 min Scan# 5635
Delta R.T. -0.003 min
Lab File: BN035648.D
Acq: 17 Dec 2024 11:12

Tgt Ion:276 Resp: 7394
Ion Ratio Lower Upper
276 100
138 30.5 19.6 29.4
277 30.6 21.6 32.4

