

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
 Data File : BN035659.D
 Acq On : 17 Dec 2024 17:47
 Operator : RC/JU
 Sample : P5232-13DL 5X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28S7DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/19/2024
 Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 18 01:00:09 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	7.280	152	2843	0.400	ng/ul	0.00
4) Naphthalene-d8	10.026	136	8474	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	6025	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	13307	0.400	ng/ul	0.00
17) Chrysene-d12	20.959	240	11663	0.400	ng/ul	0.00
23) Perylene-d12	23.045	264	12496m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	2207	0.876	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	820	0.068	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	1916	0.056	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.075	128	1167m	0.056	ng/ul	
7) 2-Methylnaphthalene	11.708	142	947	0.068	ng/ul	99
8) 1-Methylnaphthalene	11.934	142	740	0.051	ng/ul	97
10) Acenaphthylene	13.653	152	2113	0.091	ng/ul#	91
15) Phenanthrene	16.751	178	8237	0.247	ng/ul	99
16) Anthracene	16.844	178	2471	0.079	ng/ul#	91
19) Fluoranthene	18.796	202	28007	0.671	ng/ul	99
20) Pyrene	19.163	202	23011	0.501	ng/ul	99
21) Benzo(a)anthracene	20.944	228	8960	0.232	ng/ul	92
22) Chrysene	20.994	228	13801	0.344	ng/ul	98
24) Benzo(b)fluoranthene	22.437	252	18357m	0.499	ng/ul	
25) Benzo(k)fluoranthene	22.472	252	6349m	0.156	ng/ul	
26) Benzo(a)pyrene	22.954	252	10123	0.284	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.074	276	8150m	0.188	ng/ul	
28) Dibenzo(a,h)anthracene	25.084	278	1801m	0.054	ng/ul	
29) Benzo(g,h,i)perylene	25.688	276	8519	0.244	ng/ul	94

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

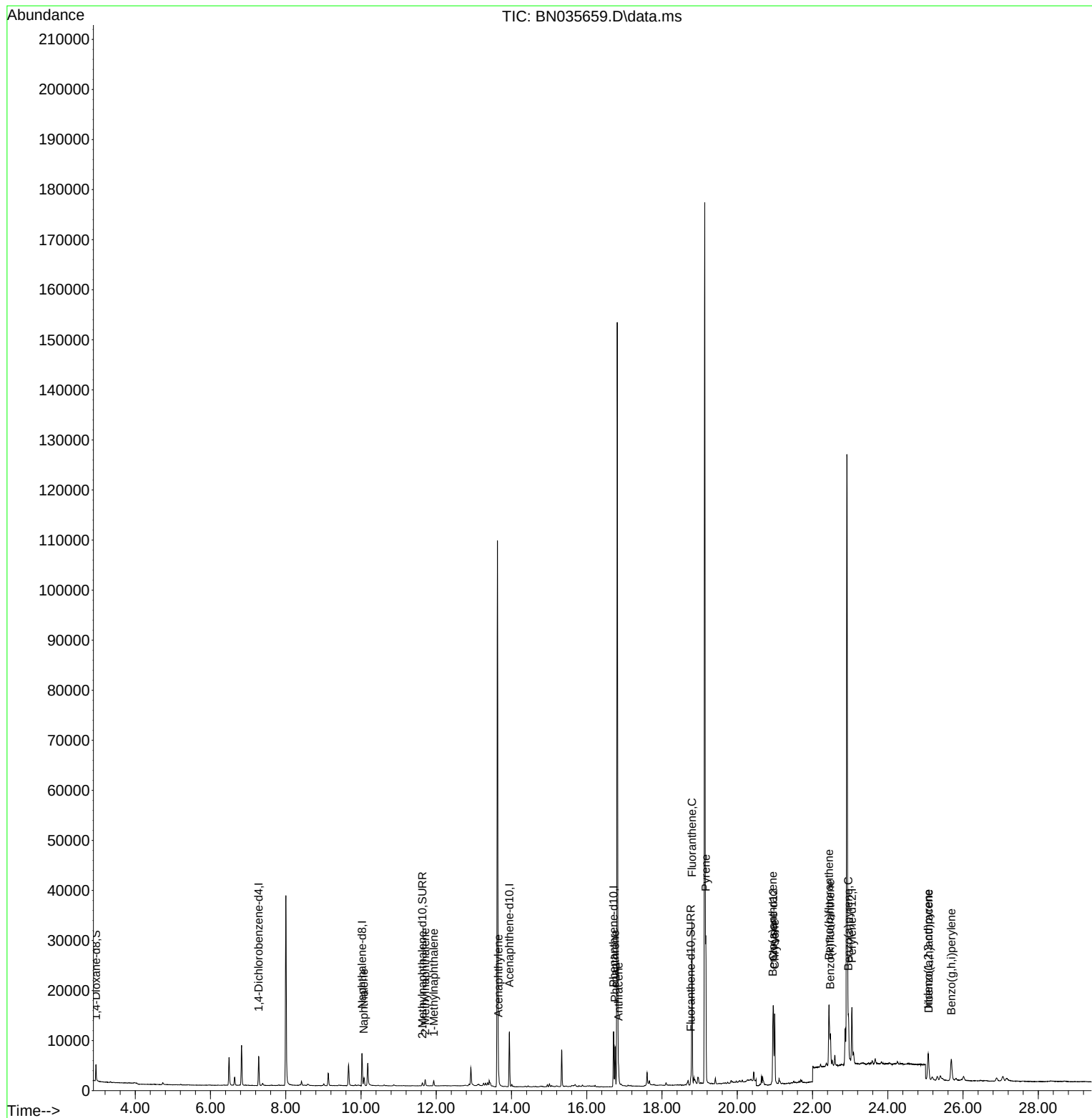
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035659.D
Acq On : 17 Dec 2024 17:47
Operator : RC/JU
Sample : P5232-13DL 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

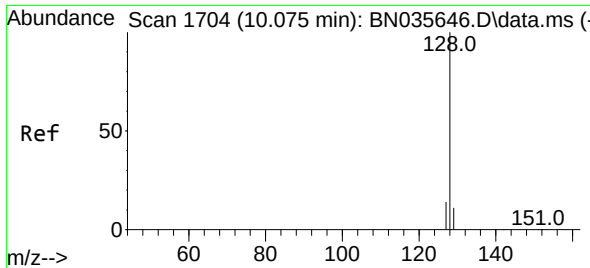
Instrument :
BNA_N
ClientSampleId :
E28S7DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/19/2024
Supervised By :mohammad ahmed 12/21/2024

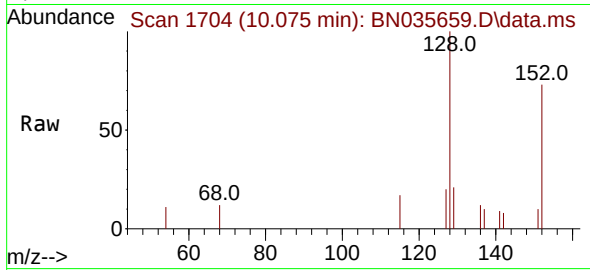
Quant Time: Dec 18 01:00:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.056 ng/ul m
RT: 10.075 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN035659.D
Acq: 17 Dec 2024 17:47

Instrument :
BNA_N
ClientSampleId :
E28S7DL

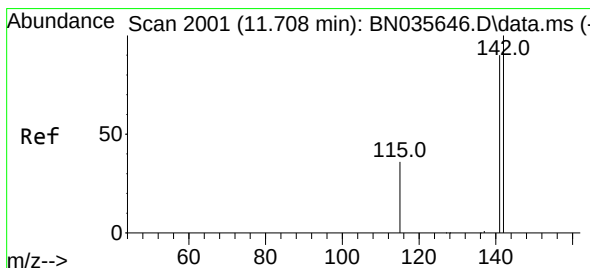
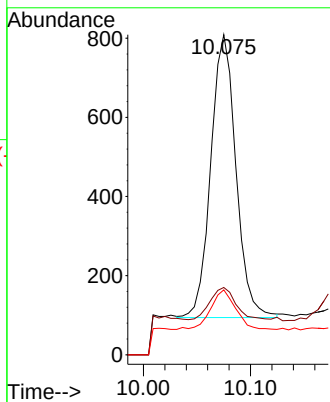
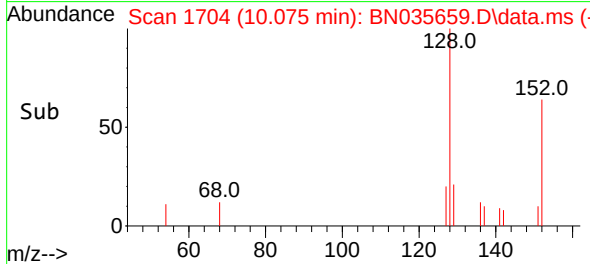


Tgt Ion:128 Resp: 116

Ion	Ratio	Lower	Upper
128	100		
129	21.0	10.8	16.2
127	20.3	12.0	18.0

Manual Integrations
APPROVED

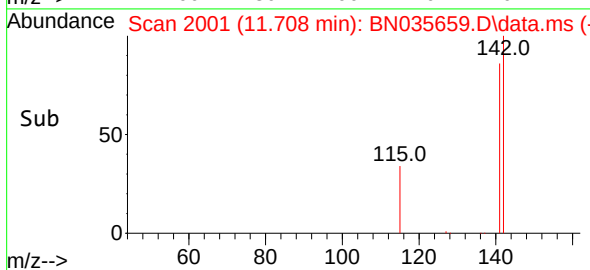
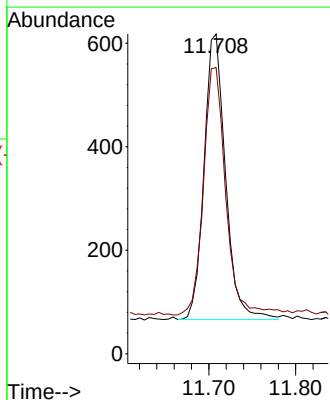
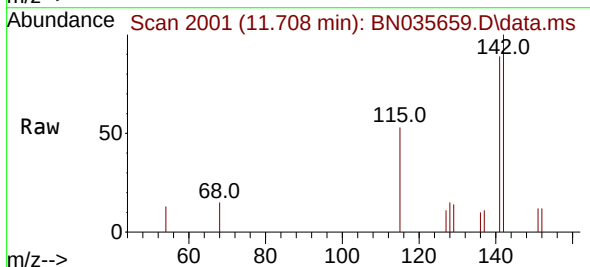
Reviewed By :Yogesh Patel 12/19/2024
Supervised By :mohammad ahmed 12/21/2024

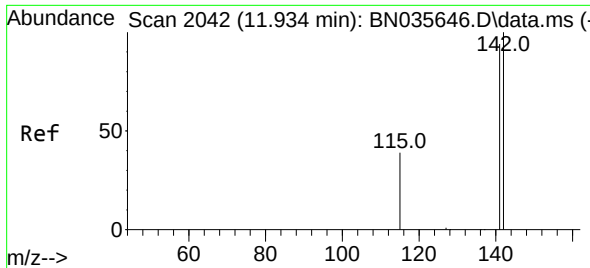


#7
2-Methylnaphthalene
Concen: 0.068 ng/ul
RT: 11.708 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BN035659.D
Acq: 17 Dec 2024 17:47

Tgt Ion:142 Resp: 947

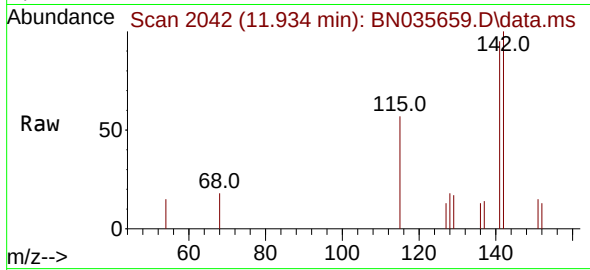
Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.8	109.2





#8
1-Methylnaphthalene
Concen: 0.051 ng/ul
RT: 11.934 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BN035659.D
Acq: 17 Dec 2024 17:47

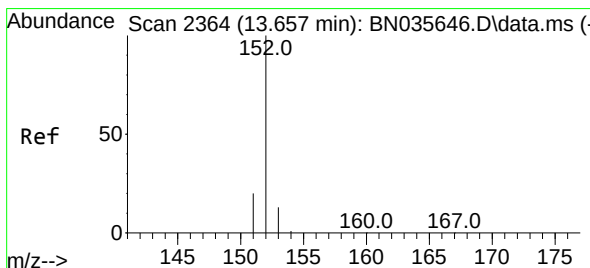
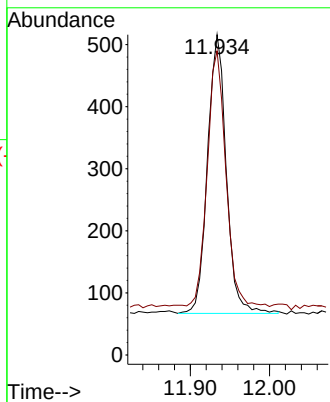
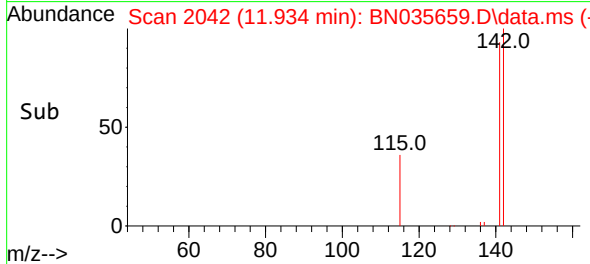
Instrument :
BNA_N
ClientSampleId :
E28S7DL



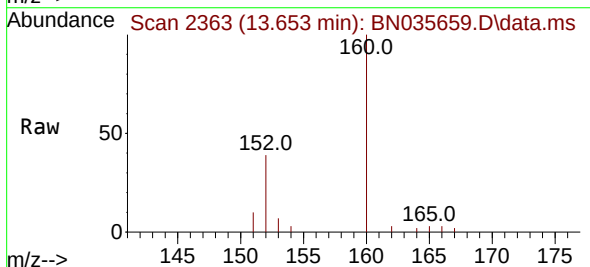
Tgt Ion:142 Resp: 740
Ion Ratio Lower Upper
142 100
141 90.4 74.7 112.1

Manual Integrations
APPROVED

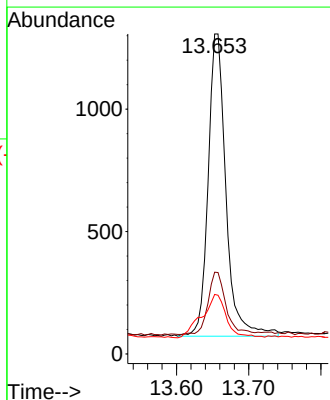
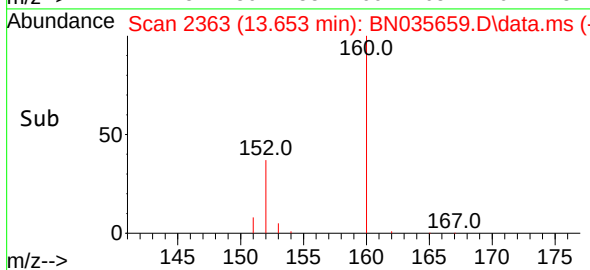
Reviewed By :Yogesh Patel 12/19/2024
Supervised By :mohammad ahmed 12/21/2024

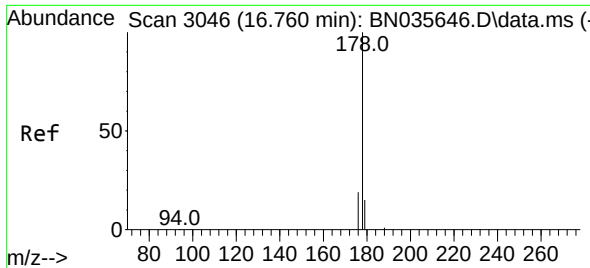


#10
Acenaphthylene
Concen: 0.091 ng/ul
RT: 13.653 min Scan# 2363
Delta R.T. -0.009 min
Lab File: BN035659.D
Acq: 17 Dec 2024 17:47



Tgt Ion:152 Resp: 2113
Ion Ratio Lower Upper
152 100
151 25.6 17.6 26.4
153 18.6 11.4 17.2#





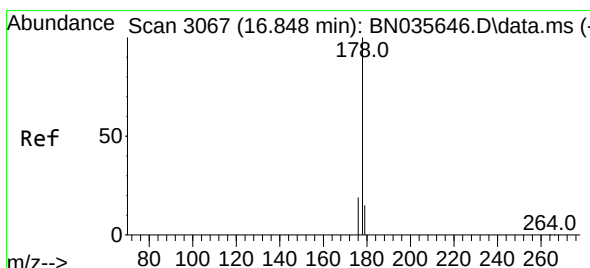
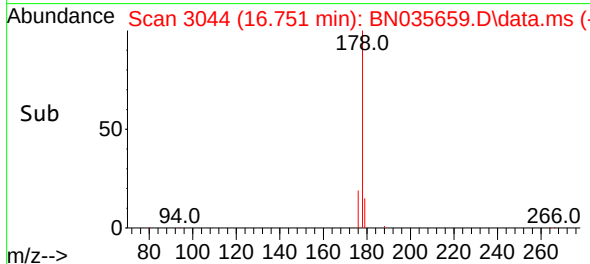
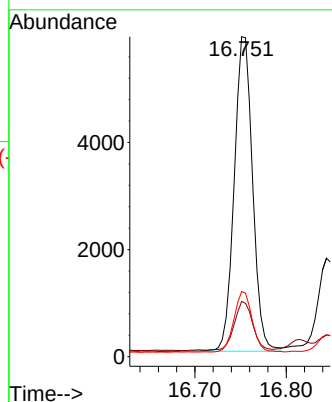
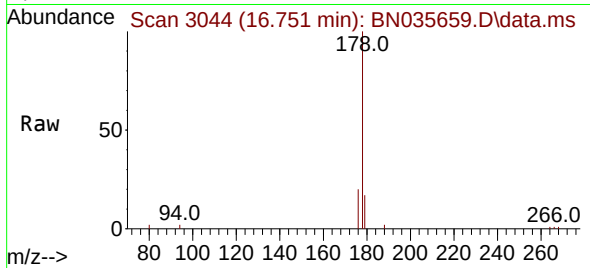
#15
Phenanthrene
Concen: 0.247 ng/ul
RT: 16.751 min Scan# 3044
Delta R.T. -0.008 min
Lab File: BN035659.D
Acq: 17 Dec 2024 17:47

Instrument :
BNA_N
ClientSampleId :
E28S7DL

Tgt Ion:178 Resp: 823
Ion Ratio Lower Upper
178 100
179 17.3 13.3 19.9
176 20.4 15.8 23.8

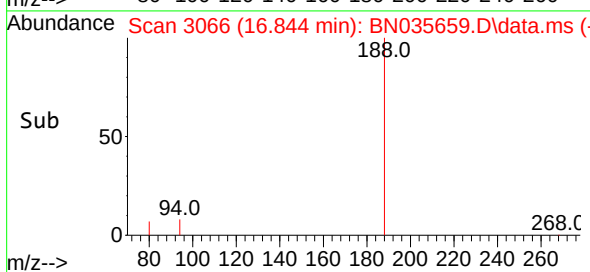
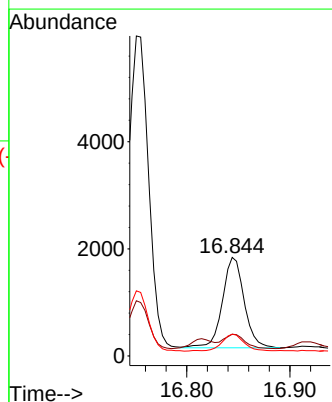
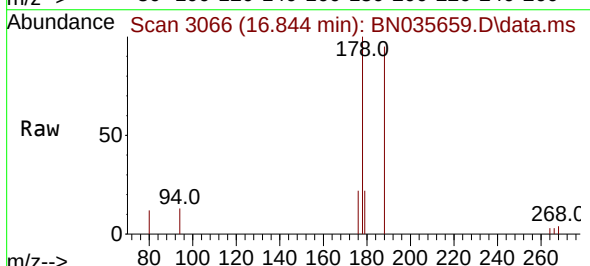
Manual Integrations
APPROVED

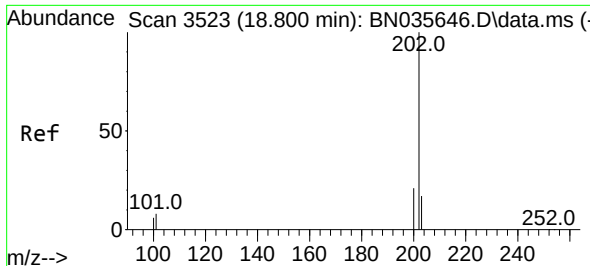
Reviewed By :Yogesh Patel 12/19/2024
Supervised By :mohammad ahmed 12/21/2024



#16
Anthracene
Concen: 0.079 ng/ul
RT: 16.844 min Scan# 3066
Delta R.T. -0.004 min
Lab File: BN035659.D
Acq: 17 Dec 2024 17:47

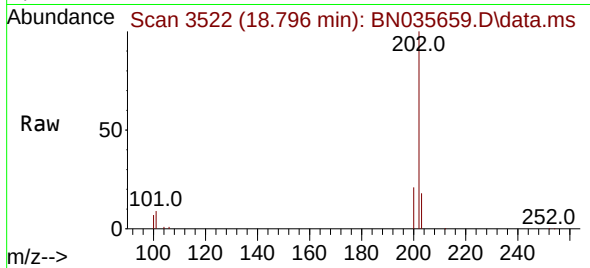
Tgt Ion:178 Resp: 2471
Ion Ratio Lower Upper
178 100
179 22.2 13.4 20.0#
176 22.1 15.4 23.0





#19
Fluoranthene
Concen: 0.671 ng/ul
RT: 18.796 min Scan# 3522
Delta R.T. -0.004 min
Lab File: BN035659.D
Acq: 17 Dec 2024 17:47

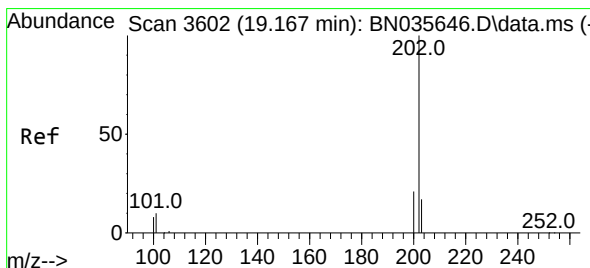
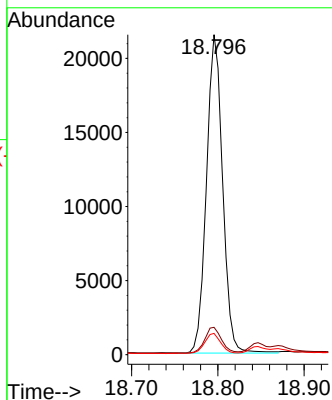
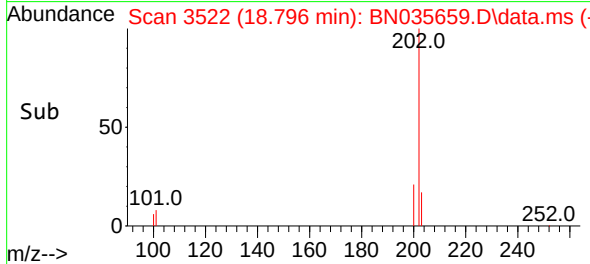
Instrument :
BNA_N
ClientSampleId :
E28S7DL



Tgt Ion:202 Resp: 2800
Ion Ratio Lower Upper
202 100
101 8.6 7.3 10.9
100 6.7 5.4 8.0

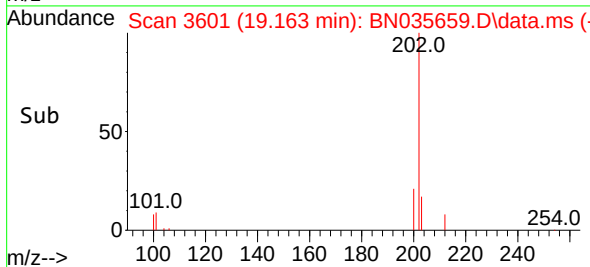
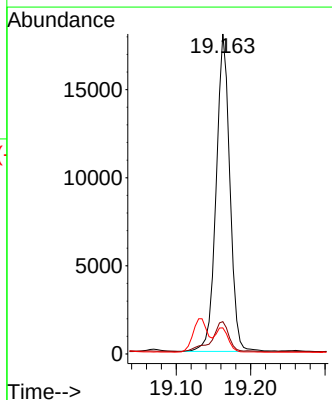
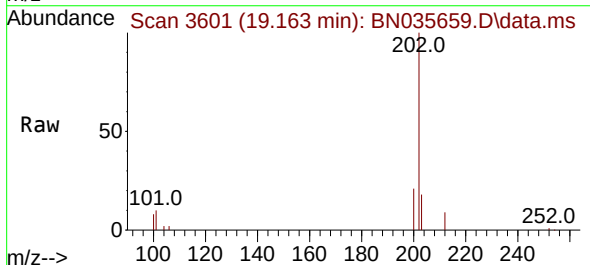
Manual Integrations
APPROVED

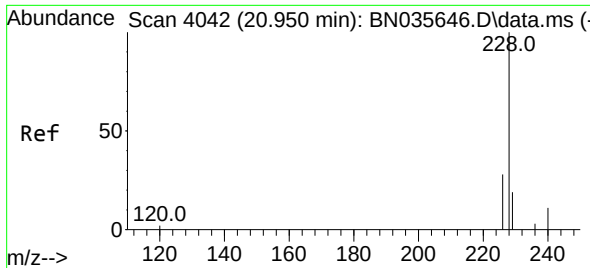
Reviewed By :Yogesh Patel 12/19/2024
Supervised By :mohammad ahmed 12/21/2024



#20
Pyrene
Concen: 0.501 ng/ul
RT: 19.163 min Scan# 3601
Delta R.T. -0.004 min
Lab File: BN035659.D
Acq: 17 Dec 2024 17:47

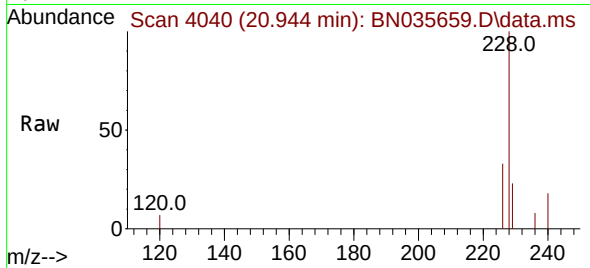
Tgt Ion:202 Resp: 23011
Ion Ratio Lower Upper
202 100
101 10.1 8.5 12.7
100 8.1 6.5 9.7





#21
Benzo(a)anthracene
Concen: 0.232 ng/ul
RT: 20.944 min Scan# 4042
Delta R.T. -0.006 min
Lab File: BN035659.D
Acq: 17 Dec 2024 17:47

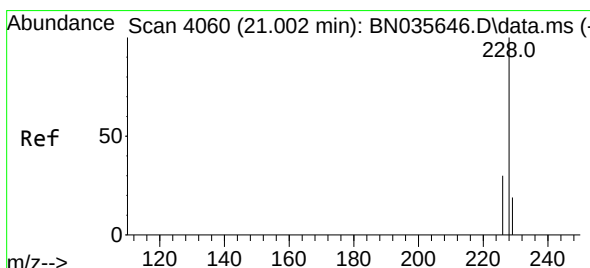
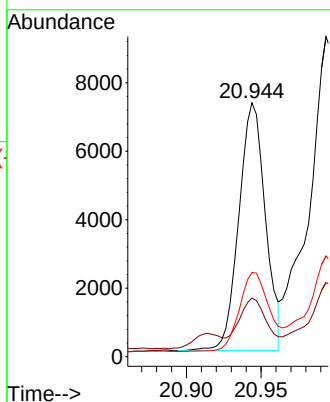
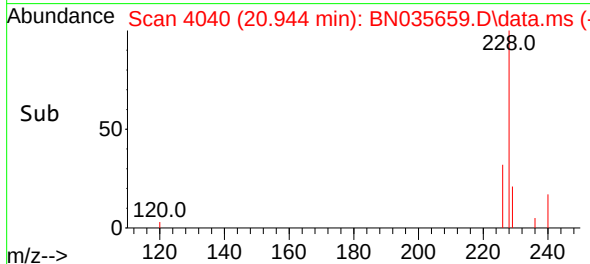
Instrument :
BNA_N
ClientSampleId :
E28S7DL



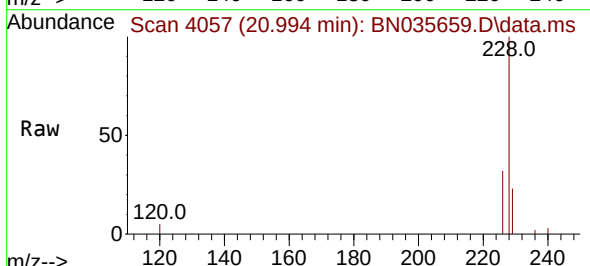
Tgt Ion:228 Resp: 8960
Ion Ratio Lower Upper
228 100
229 23.1 16.6 25.0
226 33.2 22.5 33.7

Manual Integrations
APPROVED

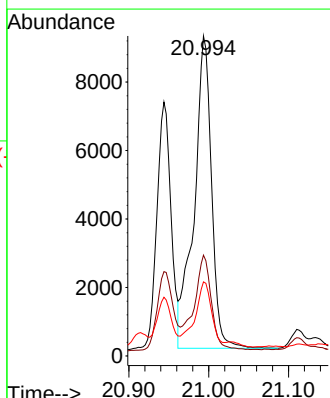
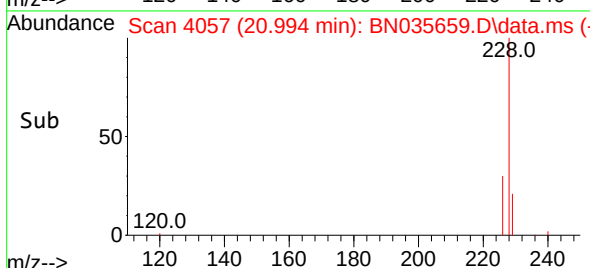
Reviewed By :Yogesh Patel 12/19/2024
Supervised By :mohammad ahmed 12/21/2024

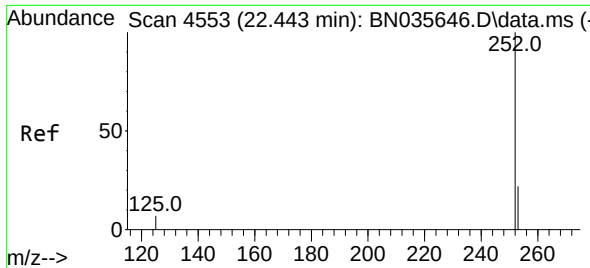


#22
Chrysene
Concen: 0.344 ng/ul
RT: 20.994 min Scan# 4057
Delta R.T. -0.006 min
Lab File: BN035659.D
Acq: 17 Dec 2024 17:47



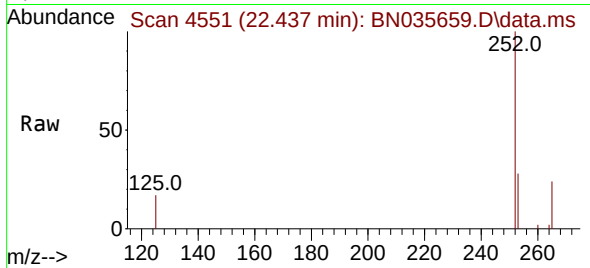
Tgt Ion:228 Resp: 13801
Ion Ratio Lower Upper
228 100
226 31.5 25.1 37.7
229 23.1 16.6 24.8





#24
Benzo(b)fluoranthene
Concen: 0.499 ng/ul m
RT: 22.437 min Scan# 4551
Delta R.T. -0.006 min
Lab File: BN035659.D
Acq: 17 Dec 2024 17:47

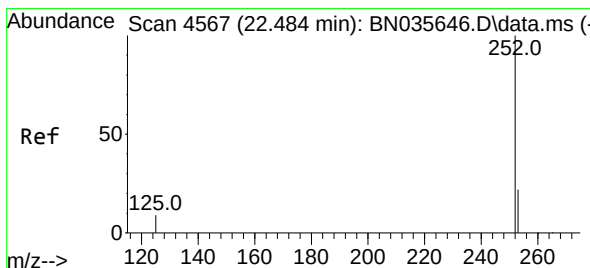
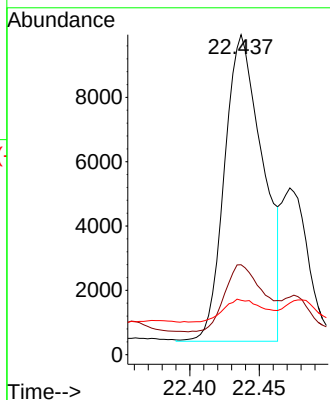
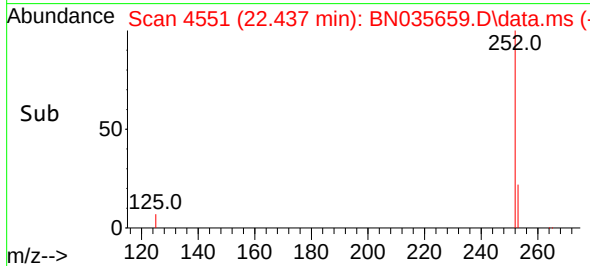
Instrument :
BNA_N
ClientSampleId :
E28S7DL



Tgt Ion:252 Resp: 1835
Ion Ratio Lower Upper
252 100
253 28.1 0.0 56.4
125 17.0 0.0 37.6

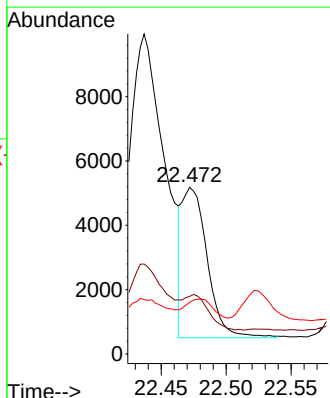
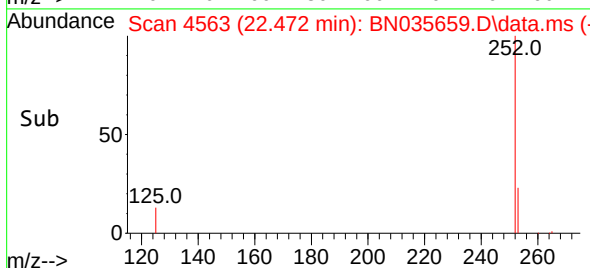
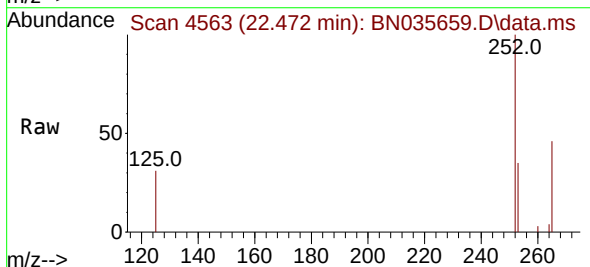
Manual Integrations
APPROVED

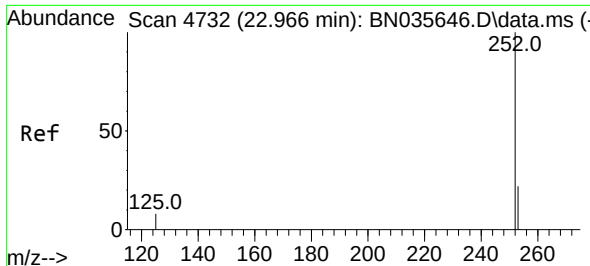
Reviewed By :Yogesh Patel 12/19/2024
Supervised By :mohammad ahmed 12/21/2024



#25
Benzo(k)fluoranthene
Concen: 0.156 ng/ul m
RT: 22.472 min Scan# 4563
Delta R.T. -0.009 min
Lab File: BN035659.D
Acq: 17 Dec 2024 17:47

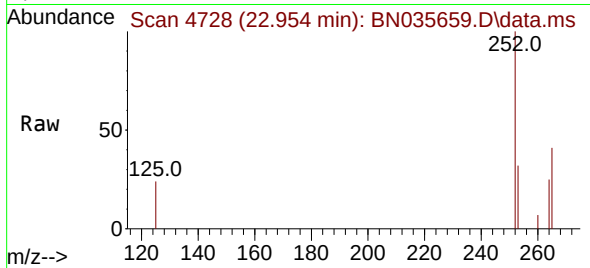
Tgt Ion:252 Resp: 6349
Ion Ratio Lower Upper
252 100
253 34.6 22.1 33.1#
125 31.0 15.3 22.9#





#26
Benzo(a)pyrene
Concen: 0.284 ng/ul
RT: 22.954 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN035659.D
Acq: 17 Dec 2024 17:47

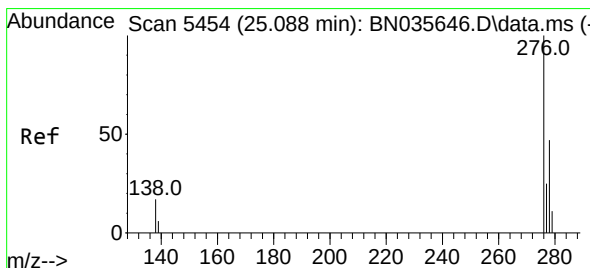
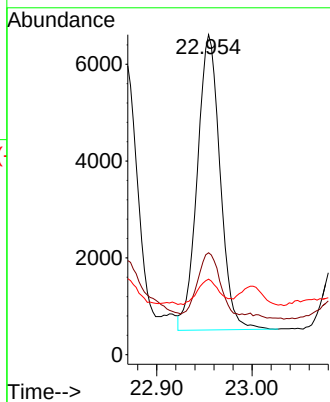
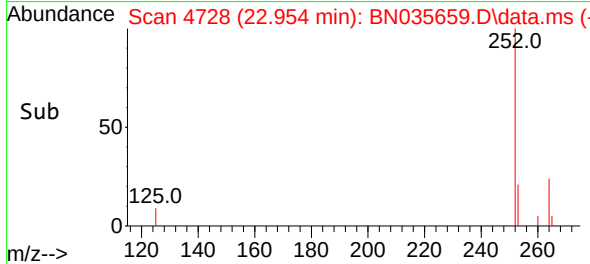
Instrument :
BNA_N
ClientSampleId :
E28S7DL



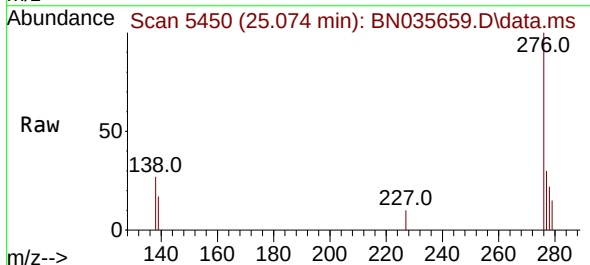
Tgt Ion:252 Resp: 1012
Ion Ratio Lower Upper
252 100
253 31.9 24.1 36.1
125 23.6 19.1 28.7

Manual Integrations
APPROVED

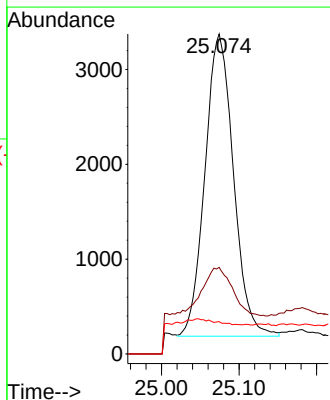
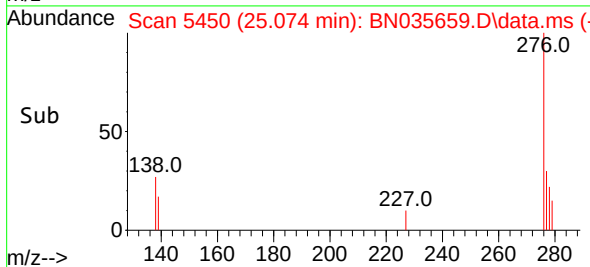
Reviewed By :Yogesh Patel 12/19/2024
Supervised By :mohammad ahmed 12/21/2024

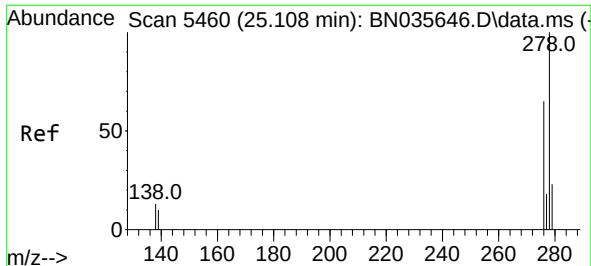


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.188 ng/ul m
RT: 25.074 min Scan# 5450
Delta R.T. -0.006 min
Lab File: BN035659.D
Acq: 17 Dec 2024 17:47



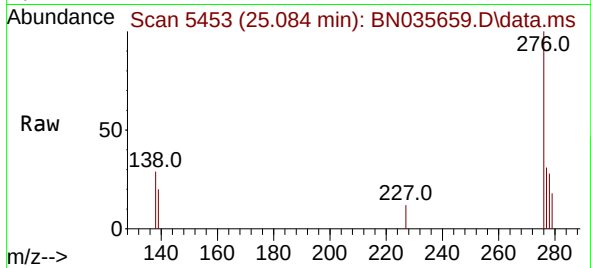
Tgt Ion:276 Resp: 8150
Ion Ratio Lower Upper
276 100
138 19.0 14.7 22.1
227 0.0 21.6 32.4#





#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: BN035659.D
Acq: 17 Dec 2024 17:47

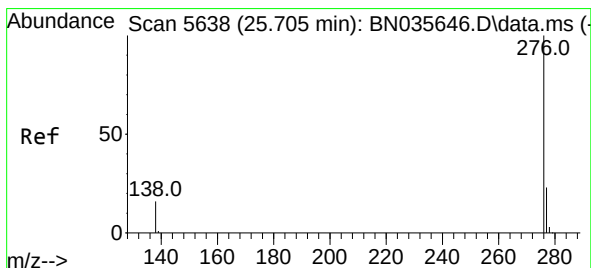
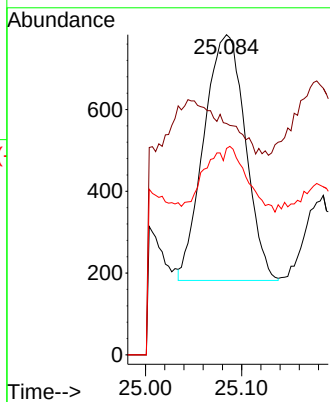
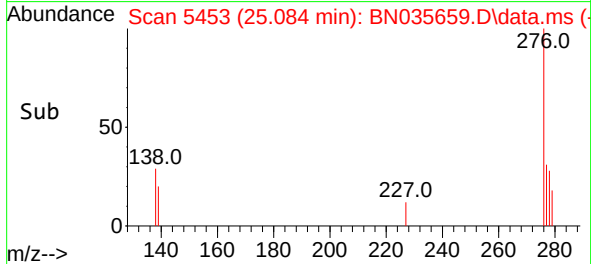
Instrument :
BNA_N
ClientSampleId :
E28S7DL



Tgt Ion:278 Resp: 180
Ion Ratio Lower Upper
278 100
139 72.3 19.8 29.8
279 64.5 24.0 36.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/19/2024
Supervised By :mohammad ahmed 12/21/2024



#29
Benzo(g,h,i)perylene
Concen: 0.244 ng/ul
RT: 25.688 min Scan# 5633
Delta R.T. -0.010 min
Lab File: BN035659.D
Acq: 17 Dec 2024 17:47

Tgt Ion:276 Resp: 8519
Ion Ratio Lower Upper
276 100
138 27.8 19.6 29.4
277 29.7 21.6 32.4

