

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032950.D
 Acq On : 24 Jul 2024 16:00
 Operator : MA/JU
 Sample : P3201-14DL 5X
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CH8DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 24 16:28:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	4335	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.294	136	15521	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.174	164	8276	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.940	188	12882	0.400	ng/ul	-0.02
17) Chrysene-d12	21.156	240	10884	0.400	ng/ul	# 0.00
23) Perylene-d12	23.354	264	14182	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	3299	0.634	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.911	152	794	0.034	ng/ul	-0.02
18) Fluoranthene-d10	18.980	212	1379	0.039	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.343	128	1181	0.028	ng/ul#	74
10) Acenaphthylene	13.892	152	2978	0.089	ng/ul#	90
11) Acenaphthene	14.239	153	1225	0.044	ng/ul	97
12) Fluorene	15.238	166	1426	0.045	ng/ul#	96
15) Phenanthrene	16.978	178	24510	0.699	ng/ul	99
16) Anthracene	17.075	178	8173	0.285	ng/ul	96
19) Fluoranthene	19.013	202	74058	1.674	ng/ul	97
20) Pyrene	19.375	202	53832	1.175	ng/ul	99
21) Benzo(a)anthracene	21.141	228	41858	1.208	ng/ul	98
22) Chrysene	21.194	228	36339	0.725	ng/ul	96
24) Benzo(b)fluoranthene	22.696	252	60056m	1.200	ng/ul	
25) Benzo(k)fluoranthene	22.734	252	19442m	0.319	ng/ul	
26) Benzo(a)pyrene	23.254	252	24132	0.557	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.566	276	22472	0.383	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.552	278	6789	0.149	ng/ul#	46
29) Benzo(g,h,i)perylene	26.246	276	3090	0.063	ng/ul#	24

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

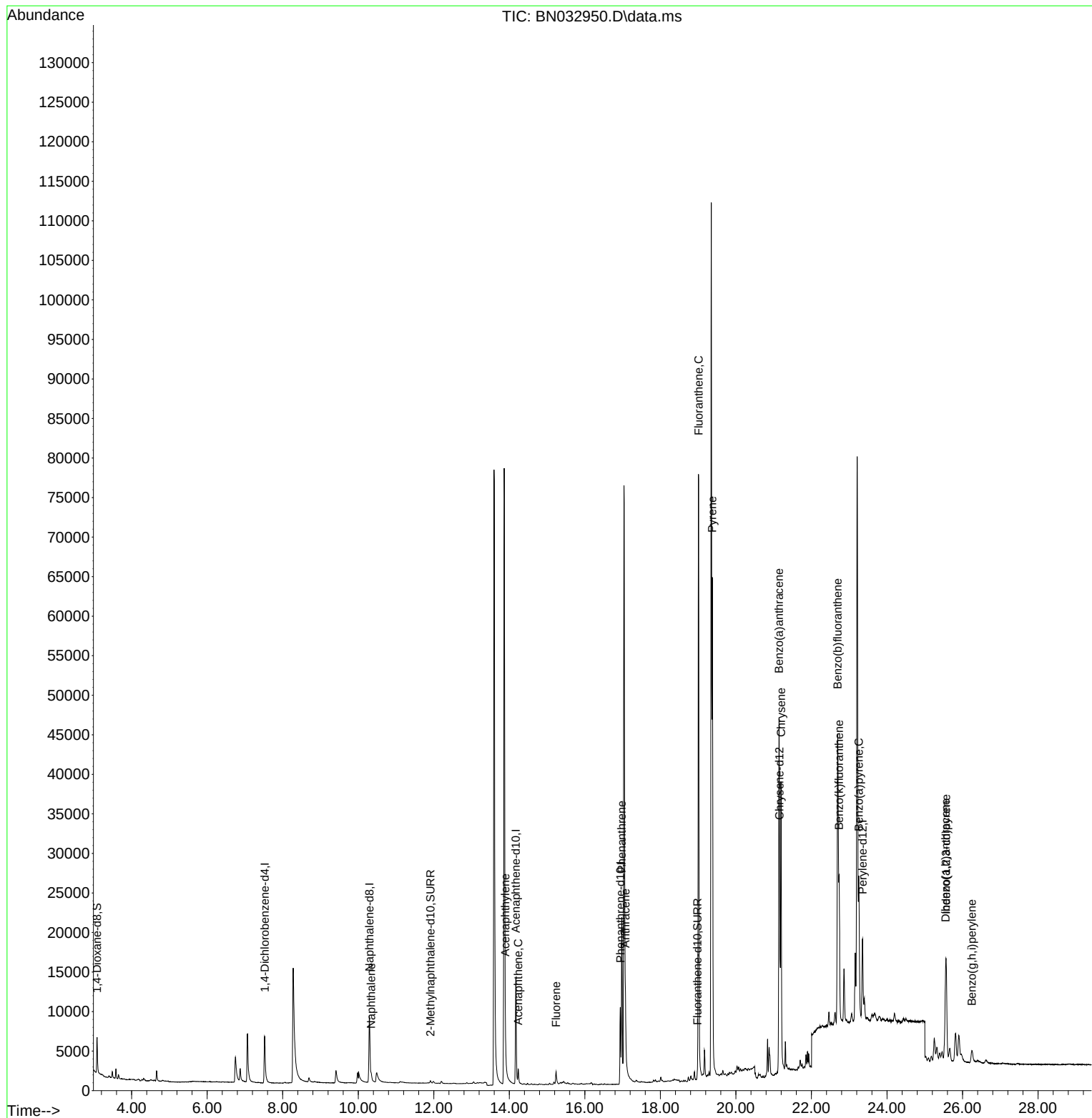
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032950.D
Acq On : 24 Jul 2024 16:00
Operator : MA/JU
Sample : P3201-14DL 5X
Misc :
ALS Vial : 61 Sample Multiplier: 1

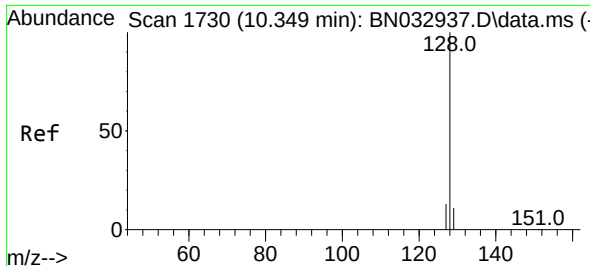
Instrument :
BNA_N
ClientSampleId :
A4CH8DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024

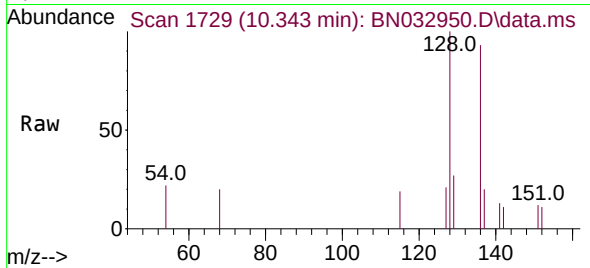
Quant Time: Jul 24 16:28:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.028 ng/ul
RT: 10.343 min Scan# 118
Delta R.T. -0.021 min
Lab File: BN032950.D
Acq: 24 Jul 2024 16:00

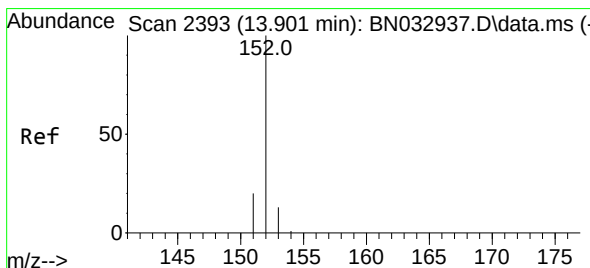
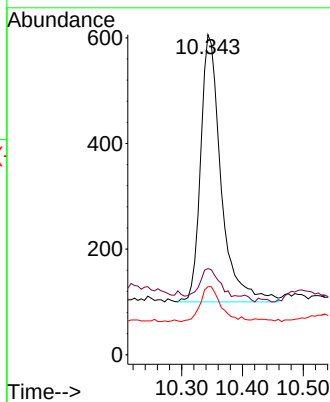
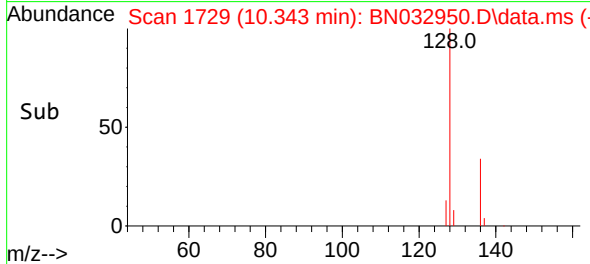
Instrument :
BNA_N
ClientSampleId :
A4CH8DL



Tgt Ion:128 Resp: 118
Ion Ratio Lower Upper
128 100
129 26.9 10.0 15.0#
127 21.3 11.6 17.4#

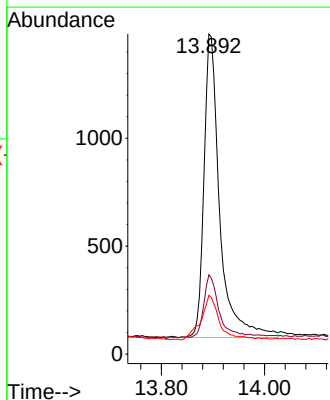
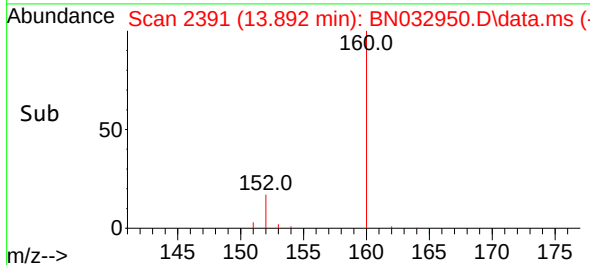
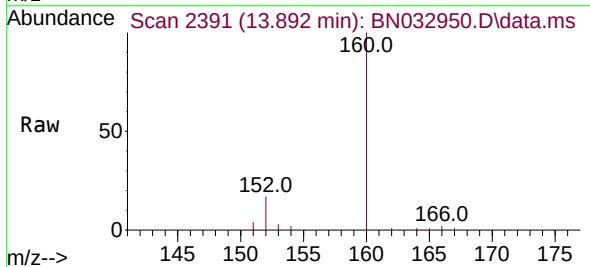
Manual Integrations
APPROVED

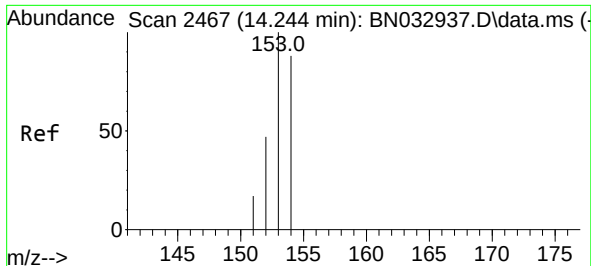
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#10
Acenaphthylene
Concen: 0.089 ng/ul
RT: 13.892 min Scan# 2391
Delta R.T. -0.022 min
Lab File: BN032950.D
Acq: 24 Jul 2024 16:00

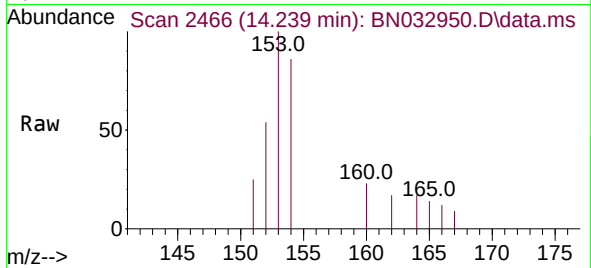
Tgt Ion:152 Resp: 2978
Ion Ratio Lower Upper
152 100
151 24.7 16.3 24.5#
153 18.3 11.3 16.9#





#11
Acenaphthene
Concen: 0.044 ng/ul
RT: 14.239 min Scan# 2466
Delta R.T. -0.012 min
Lab File: BN032950.D
Acq: 24 Jul 2024 16:00

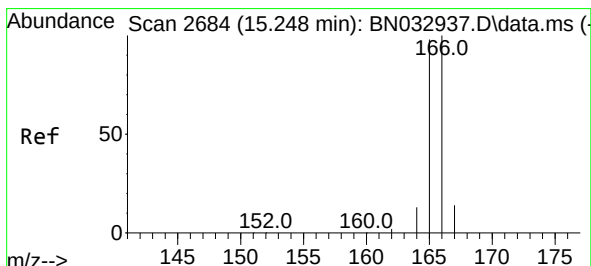
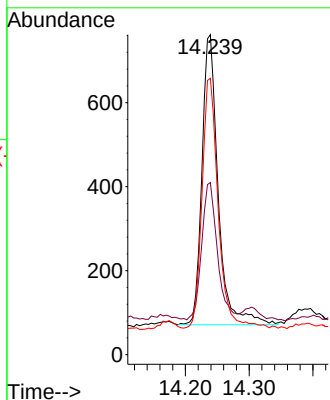
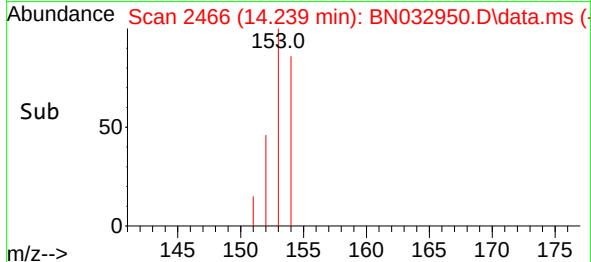
Instrument :
BNA_N
ClientSampleId :
A4CH8DL



Tgt Ion:153 Resp: 1225
Ion Ratio Lower Upper
153 100
152 53.8 40.0 60.0
154 86.4 70.2 105.4

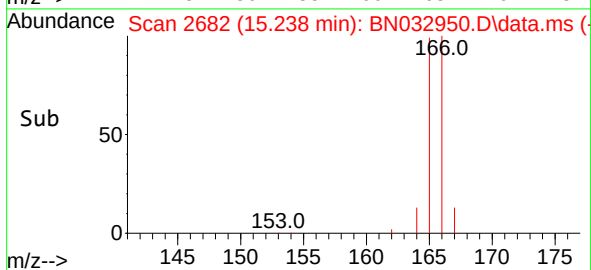
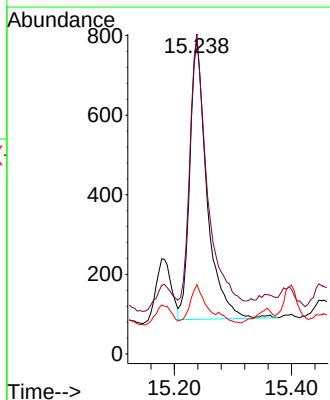
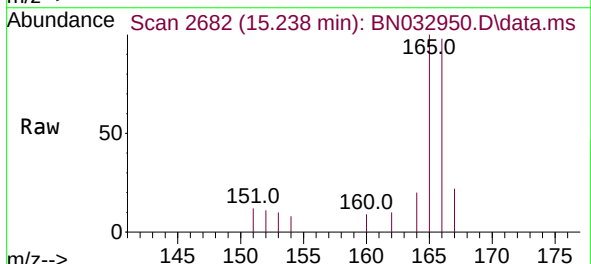
Manual Integrations
APPROVED

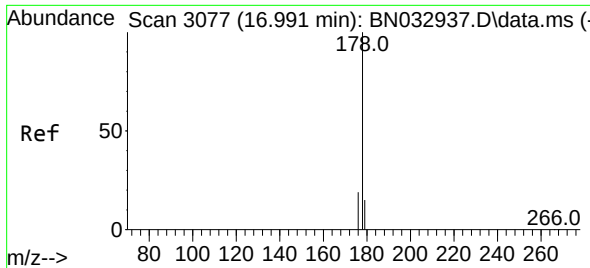
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#12
Fluorene
Concen: 0.045 ng/ul
RT: 15.238 min Scan# 2682
Delta R.T. -0.022 min
Lab File: BN032950.D
Acq: 24 Jul 2024 16:00

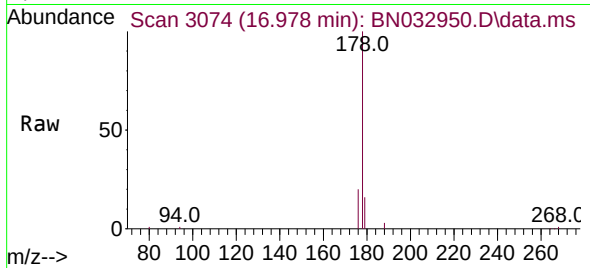
Tgt Ion:166 Resp: 1426
Ion Ratio Lower Upper
166 100
165 101.8 79.7 119.5
167 22.0 11.4 17.2#





#15
Phenanthrene
Concen: 0.699 ng/u1
RT: 16.978 min Scan# 3074
Delta R.T. -0.024 min
Lab File: BN032950.D
Acq: 24 Jul 2024 16:00

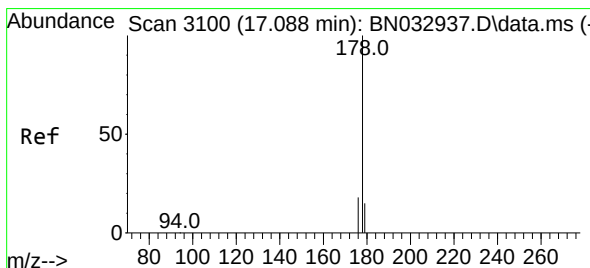
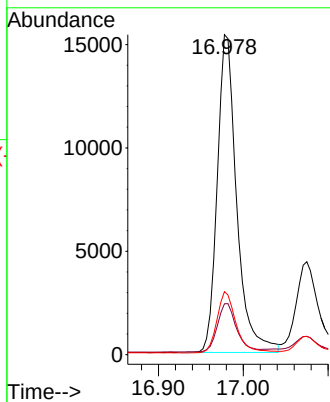
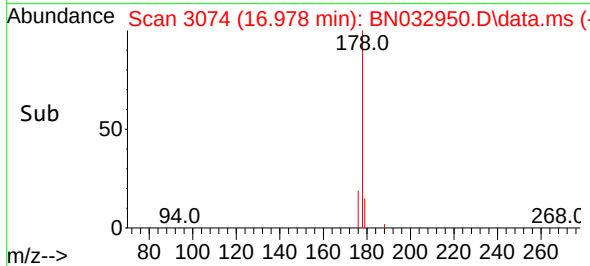
Instrument :
BNA_N
ClientSampleId :
A4CH8DL



Tgt Ion:178 Resp: 24510
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.4
176 19.7 15.6 23.4

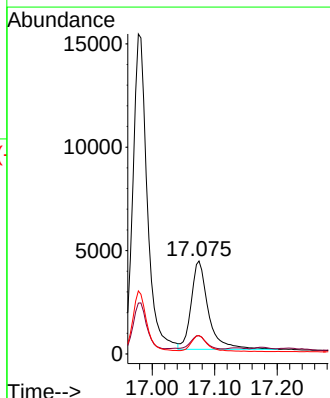
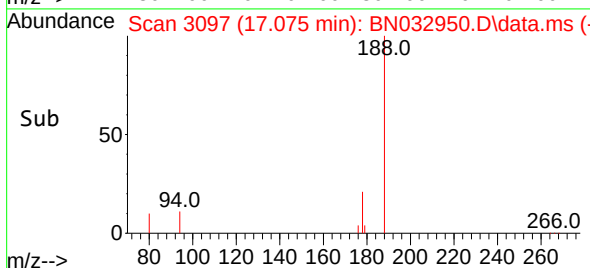
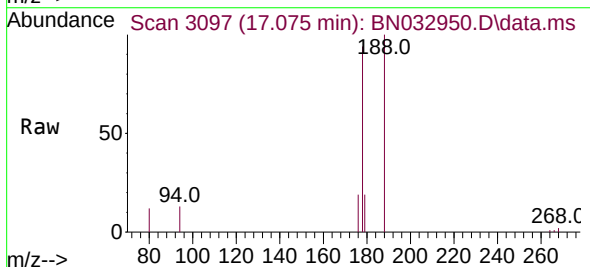
Manual Integrations
APPROVED

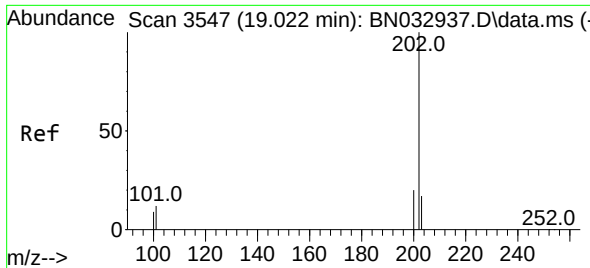
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#16
Anthracene
Concen: 0.285 ng/u1
RT: 17.075 min Scan# 3097
Delta R.T. -0.024 min
Lab File: BN032950.D
Acq: 24 Jul 2024 16:00

Tgt Ion:178 Resp: 8173
Ion Ratio Lower Upper
178 100
179 19.7 13.4 20.2
176 19.8 15.4 23.0





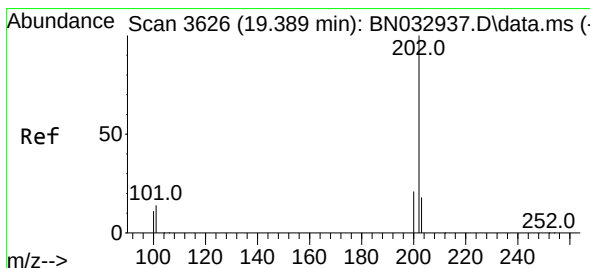
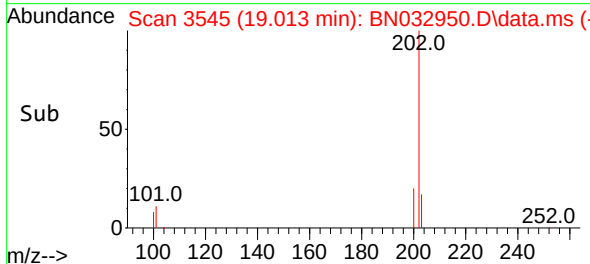
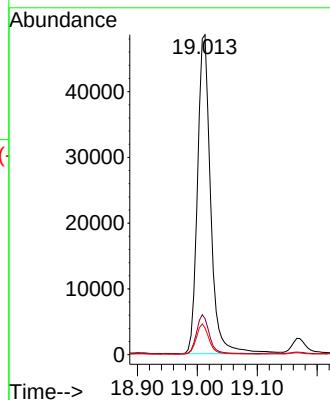
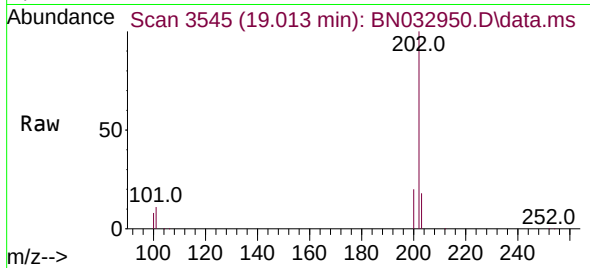
#19
Fluoranthene
Concen: 1.674 ng/ul
RT: 19.013 min Scan# 3545
Delta R.T. -0.013 min
Lab File: BN032950.D
Acq: 24 Jul 2024 16:00

Instrument :
BNA_N
ClientSampleId :
A4CH8DL

Tgt Ion:202 Resp: 74058
Ion Ratio Lower Upper
202 100
101 11.3 9.8 14.8
100 8.3 7.9 11.9

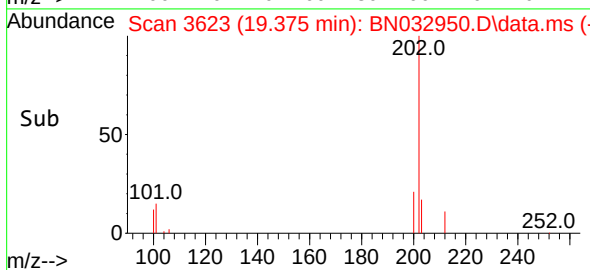
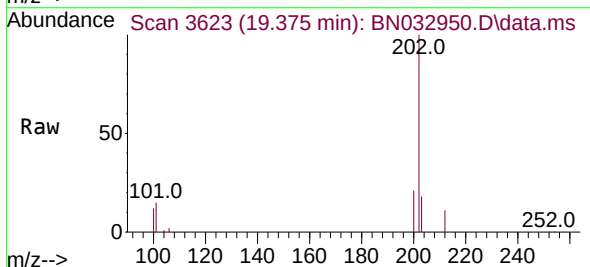
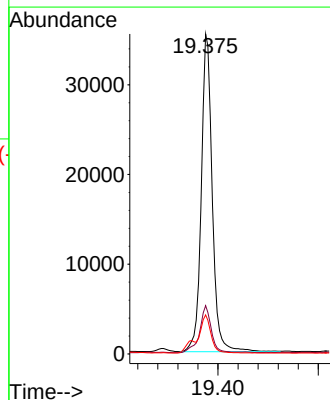
Manual Integrations
APPROVED

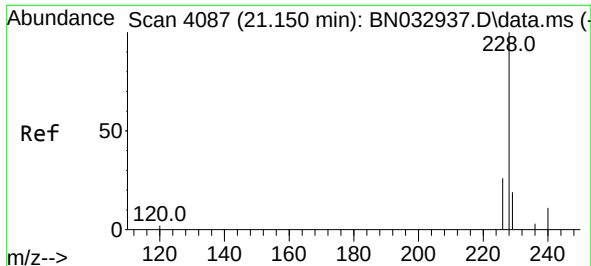
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#20
Pyrene
Concen: 1.175 ng/ul
RT: 19.375 min Scan# 3623
Delta R.T. -0.017 min
Lab File: BN032950.D
Acq: 24 Jul 2024 16:00

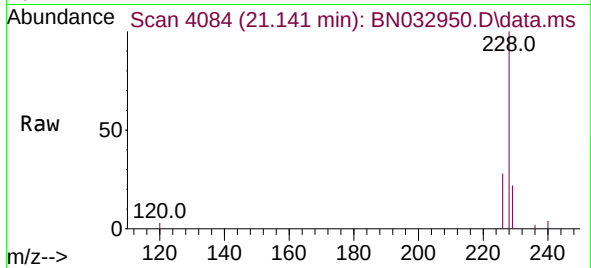
Tgt Ion:202 Resp: 53832
Ion Ratio Lower Upper
202 100
101 15.1 11.8 17.6
100 12.2 9.6 14.4





#21
Benzo(a)anthracene
Concen: 1.208 ng/ul
RT: 21.141 min Scan# 4087
Delta R.T. -0.009 min
Lab File: BN032950.D
Acq: 24 Jul 2024 16:00

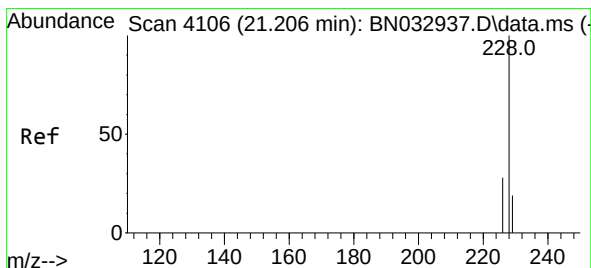
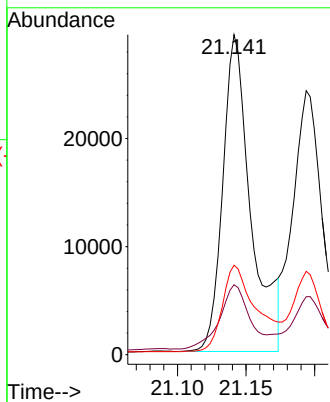
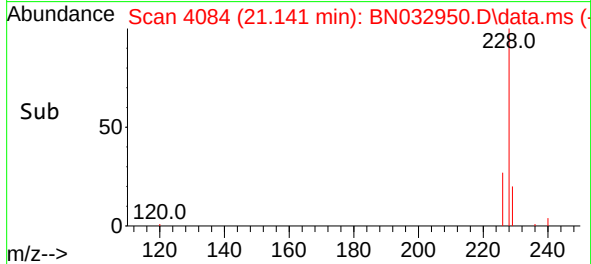
Instrument :
BNA_N
ClientSampleId :
A4CH8DL



Tgt Ion:228 Resp: 41858
Ion Ratio Lower Upper
228 100
229 21.9 16.1 24.1
226 28.0 21.9 32.9

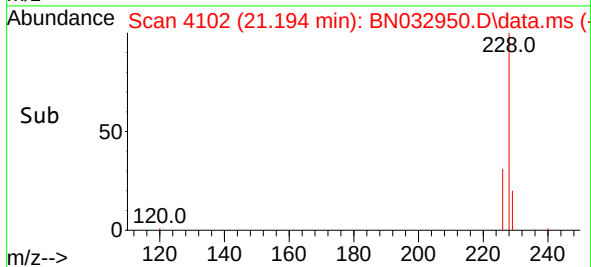
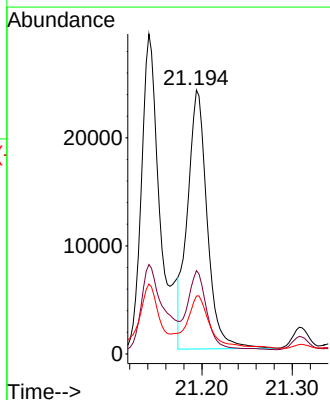
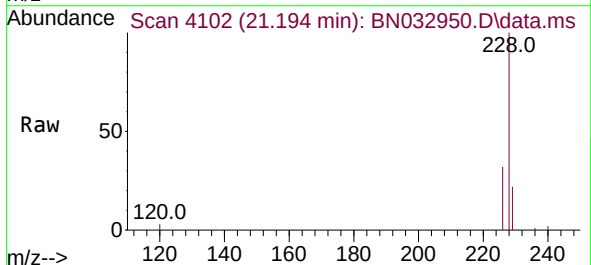
Manual Integrations
APPROVED

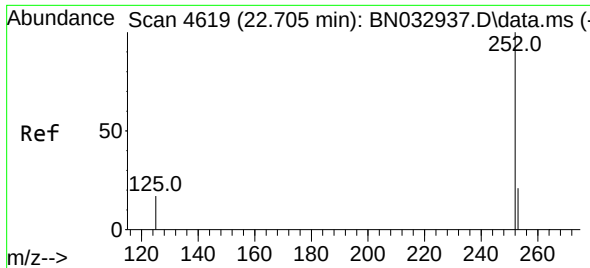
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#22
Chrysene
Concen: 0.725 ng/ul
RT: 21.194 min Scan# 4102
Delta R.T. -0.009 min
Lab File: BN032950.D
Acq: 24 Jul 2024 16:00

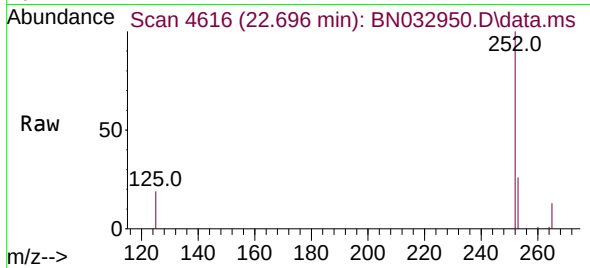
Tgt Ion:228 Resp: 36339
Ion Ratio Lower Upper
228 100
226 31.6 24.0 36.0
229 21.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.200 ng/ul m
RT: 22.696 min Scan# 4616
Delta R.T. -0.003 min
Lab File: BN032950.D
Acq: 24 Jul 2024 16:00

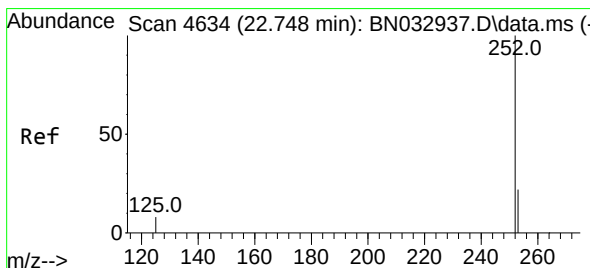
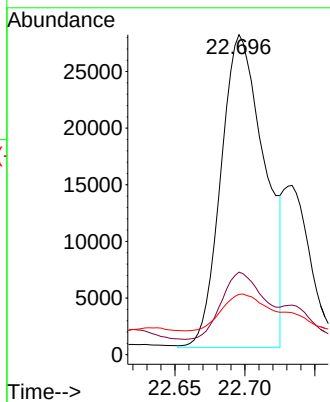
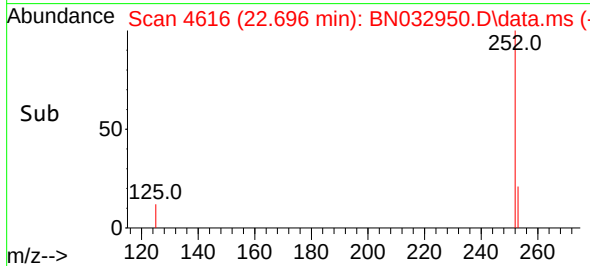
Instrument :
BNA_N
ClientSampleId :
A4CH8DL



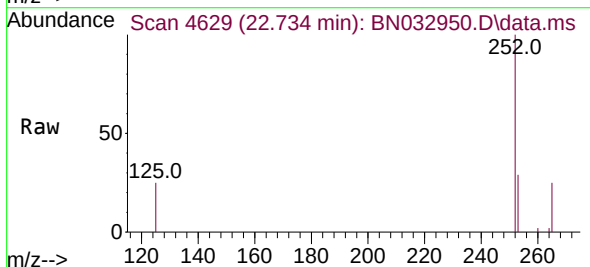
Tgt Ion:252 Resp: 60050
Ion Ratio Lower Upper
252 100
253 25.8 0.0 54.0
125 18.8 0.0 36.0

Manual Integrations
APPROVED

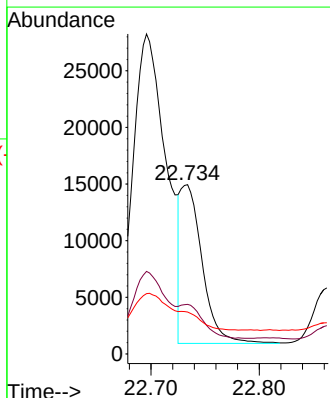
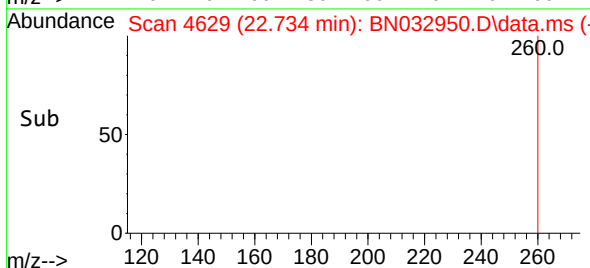
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024

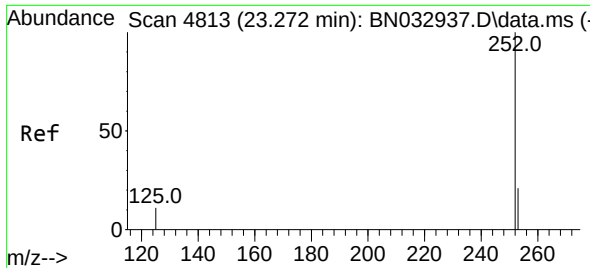


#25
Benzo(k)fluoranthene
Concen: 0.319 ng/ul m
RT: 22.734 min Scan# 4629
Delta R.T. -0.006 min
Lab File: BN032950.D
Acq: 24 Jul 2024 16:00



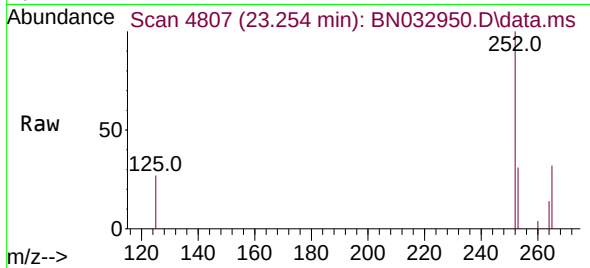
Tgt Ion:252 Resp: 19442
Ion Ratio Lower Upper
252 100
253 29.3 21.2 31.8
125 24.8 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.557 ng/ul
RT: 23.254 min Scan# 4813
Delta R.T. -0.009 min
Lab File: BN032950.D
Acq: 24 Jul 2024 16:00

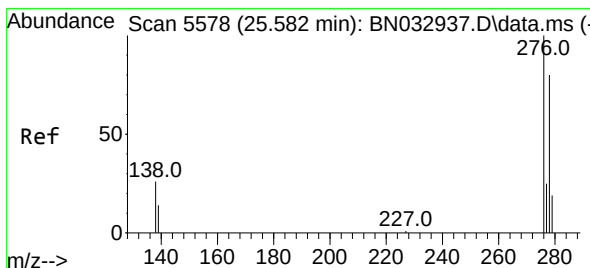
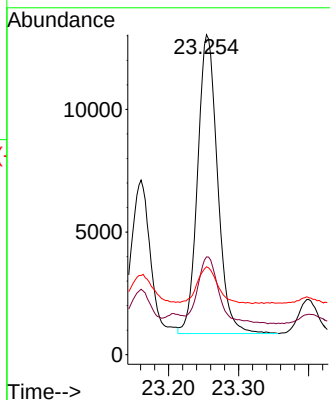
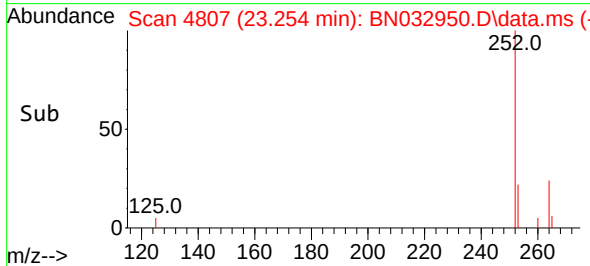
Instrument :
BNA_N
ClientSampleId :
A4CH8DL



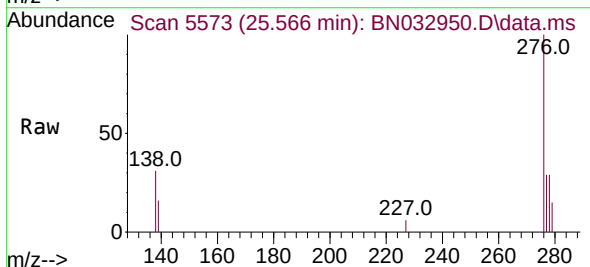
Tgt Ion:252 Resp: 2413
Ion Ratio Lower Upper
252 100
253 30.5 25.4 38.0
125 27.5 20.6 30.8

Manual Integrations
APPROVED

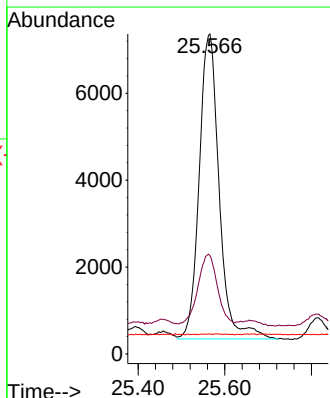
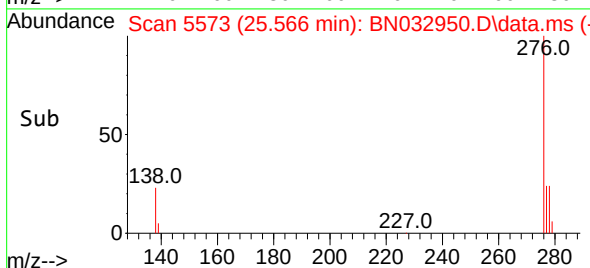
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024

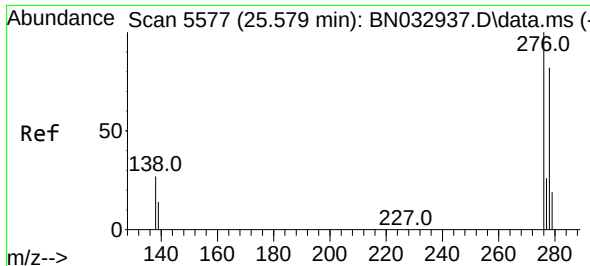


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.383 ng/ul
RT: 25.566 min Scan# 5573
Delta R.T. -0.004 min
Lab File: BN032950.D
Acq: 24 Jul 2024 16:00



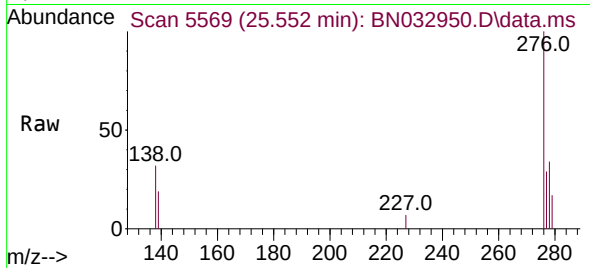
Tgt Ion:276 Resp: 22472
Ion Ratio Lower Upper
276 100
138 22.8 21.6 32.4
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.149 ng/ul
RT: 25.552 min Scan# 5569
Delta R.T. -0.017 min
Lab File: BN032950.D
Acq: 24 Jul 2024 16:00

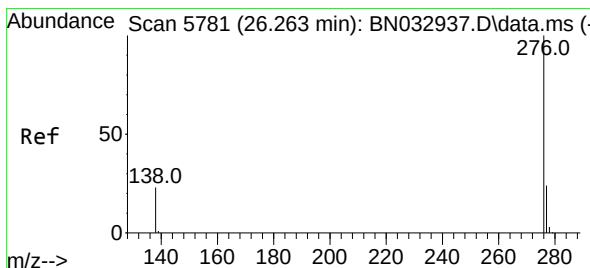
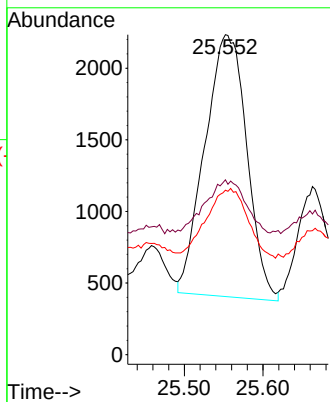
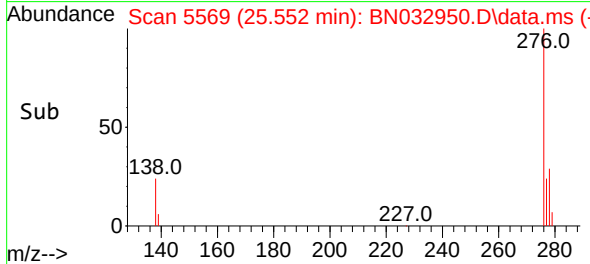
Instrument :
BNA_N
ClientSampleId :
A4CH8DL



Tgt Ion:278 Resp: 6789
Ion Ratio Lower Upper
278 100
139 54.7 16.6 24.8#
279 51.4 23.7 35.5#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#29
Benzo(g,h,i)perylene
Concen: 0.063 ng/ul
RT: 26.246 min Scan# 5776
Delta R.T. -0.004 min
Lab File: BN032950.D
Acq: 24 Jul 2024 16:00

Tgt Ion:276 Resp: 3090
Ion Ratio Lower Upper
276 100
138 73.4 21.0 31.4#
277 56.3 20.6 31.0#

