

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032544.D
 Acq On : 06 Jul 2024 13:37
 Operator : MA/JU
 Sample : P2982-09
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CF5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 07 23:45:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.586	152	6184	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.358	136	17957	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.233	164	10125	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.993	188	20215m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.204	240	18726m	0.400	ng/ul	0.00
23) Perylene-d12	23.417	264	20826m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	25854	3.761	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.964	152	5458	0.203	ng/ul	-0.01
18) Fluoranthene-d10	19.030	212	11677	0.207	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.408	128	1442	0.030	ng/ul#	76
10) Acenaphthylene	13.956	152	21641	0.514	ng/ul	98
11) Acenaphthene	14.298	153	1449	0.044	ng/ul#	93
12) Fluorene	15.293	166	2686	0.069	ng/ul#	95
15) Phenanthrene	17.031	178	55415m	1.000	ng/ul	
16) Anthracene	17.129	178	38201m	0.773	ng/ul	
19) Fluoranthene	19.063	202	187819	2.634	ng/ul	99
20) Pyrene	19.425	202	223671	3.002	ng/ul	98
21) Benzo(a)anthracene	21.187	228	115000	1.701	ng/ul	98
22) Chrysene	21.242	228	104564	1.410	ng/ul	97
24) Benzo(b)fluoranthene	22.756	252	138689m	1.533	ng/ul	
25) Benzo(k)fluoranthene	22.794	252	46579m	0.530	ng/ul	
26) Benzo(a)pyrene	23.320	252	111362	1.769	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.651	276	72313	0.734	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.655	278	17211	0.235	ng/ul#	77
29) Benzo(g,h,i)perylene	26.336	276	67808	0.864	ng/ul	99

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

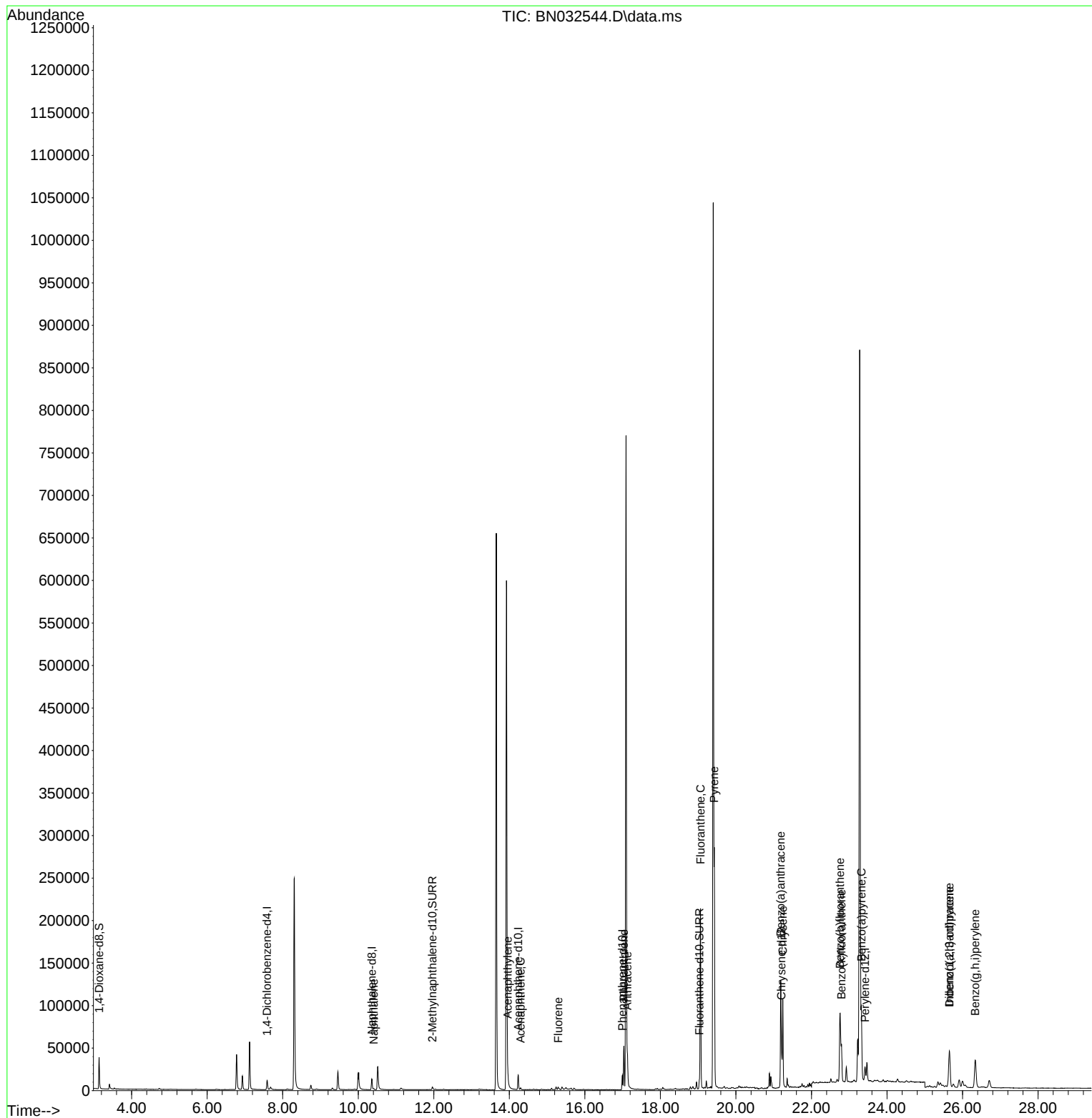
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032544.D
Acq On : 06 Jul 2024 13:37
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ALS Vial : 45 Sample Multiplier: 1

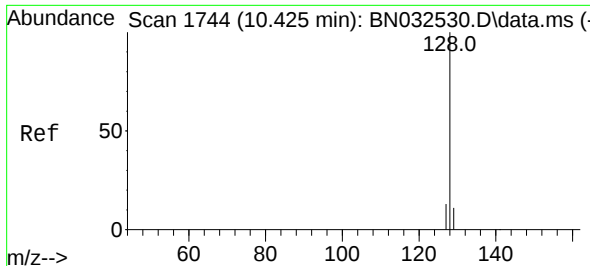
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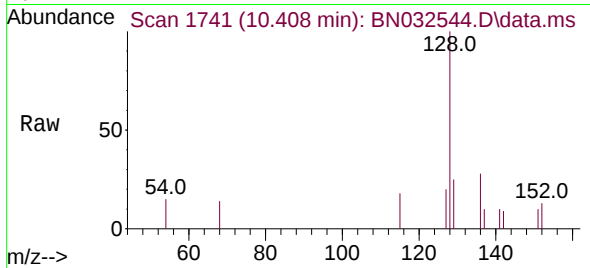
Quant Time: Jul 07 23:45:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.030 ng/ul
RT: 10.408 min Scan# 11
Delta R.T. -0.023 min
Lab File: BN032544.D
Acq: 06 Jul 2024 13:37

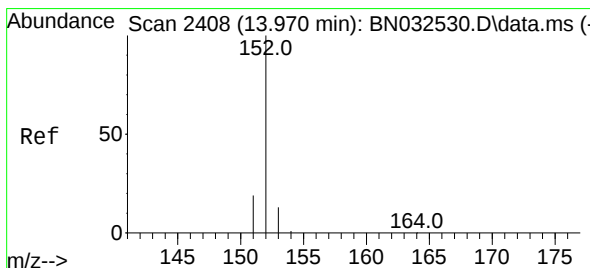
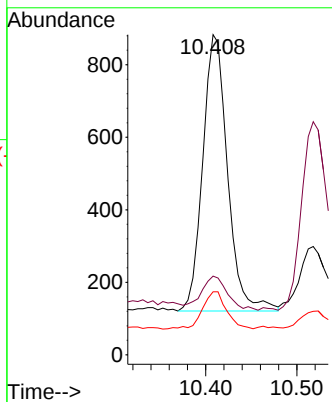
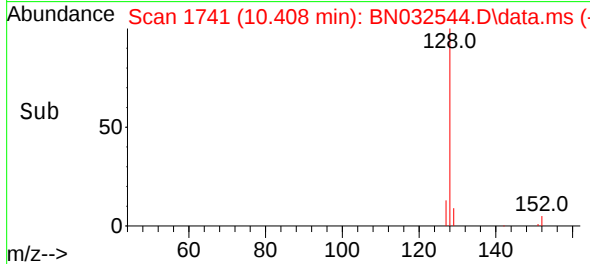
Instrument :
BNA_N
ClientSampleId :
A4CF5



Tgt Ion:128 Resp: 144
Ion Ratio Lower Upper
128 100
129 24.6 9.2 13.8
127 19.7 10.8 16.2

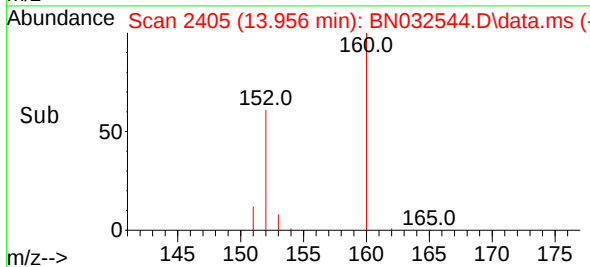
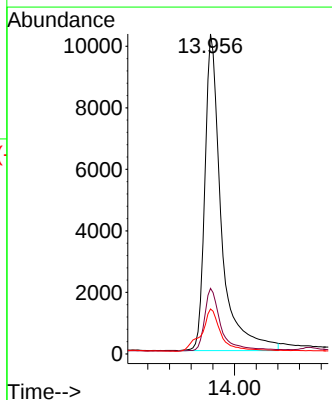
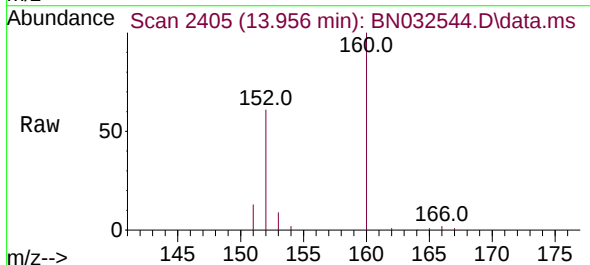
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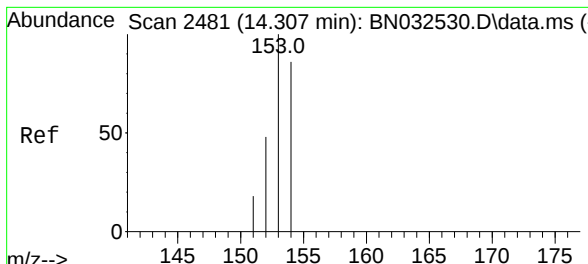
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#10
Acenaphthylene
Concen: 0.514 ng/ul
RT: 13.956 min Scan# 2405
Delta R.T. -0.015 min
Lab File: BN032544.D
Acq: 06 Jul 2024 13:37

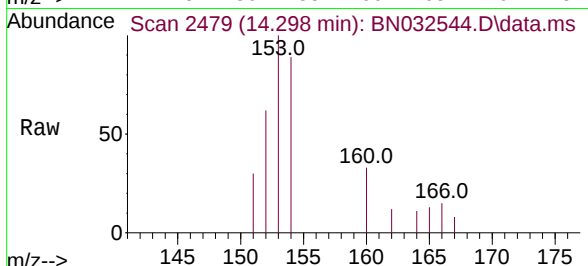
Tgt Ion:152 Resp: 21641
Ion Ratio Lower Upper
152 100
151 20.5 15.7 23.5
153 14.1 10.9 16.3





#11
Acenaphthene
Concen: 0.044 ng/ul
RT: 14.298 min Scan# 2481
Delta R.T. -0.015 min
Lab File: BN032544.D
Acq: 06 Jul 2024 13:37

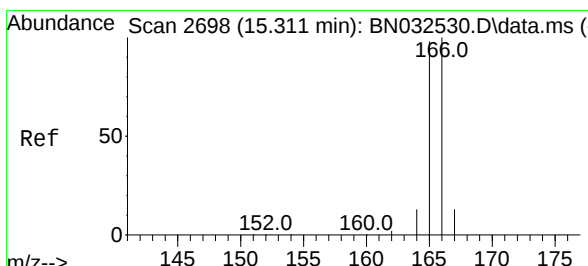
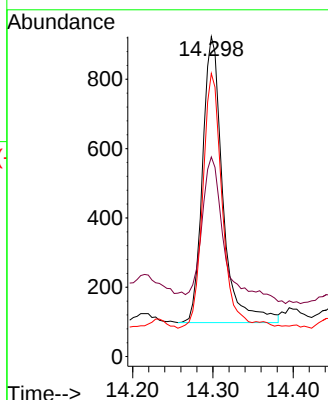
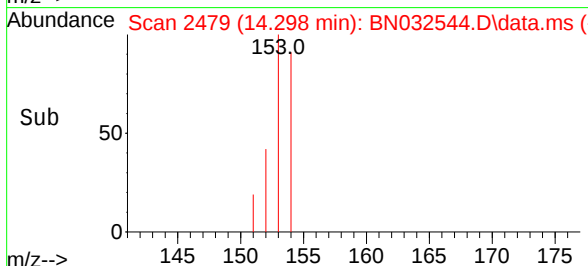
Instrument :
BNA_N
ClientSampleId :
A4CF5



Tgt Ion:153 Resp: 1449
Ion Ratio Lower Upper
153 100
152 62.4 39.5 59.3
154 88.5 71.7 107.5

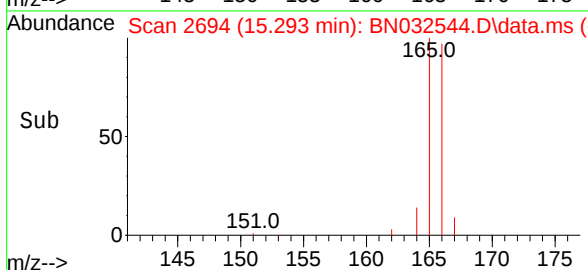
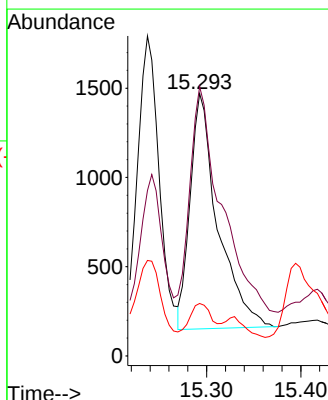
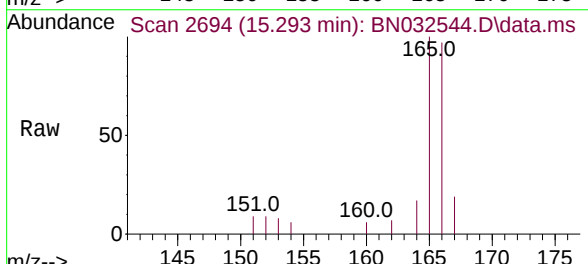
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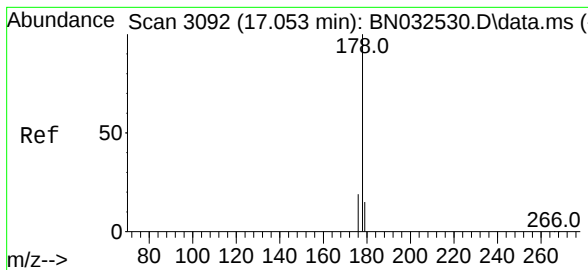
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#12
Fluorene
Concen: 0.069 ng/ul
RT: 15.293 min Scan# 2694
Delta R.T. -0.020 min
Lab File: BN032544.D
Acq: 06 Jul 2024 13:37

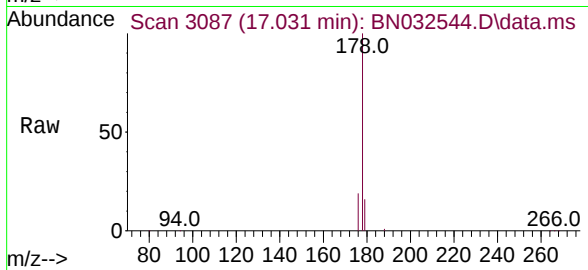
Tgt Ion:166 Resp: 2686
Ion Ratio Lower Upper
166 100
165 102.7 79.0 118.6
167 20.0 11.0 16.6#





#15
Phenanthrene
Concen: 1.000 ng/ul m
RT: 17.031 min Scan# 3092
Delta R.T. -0.018 min
Lab File: BN032544.D
Acq: 06 Jul 2024 13:37

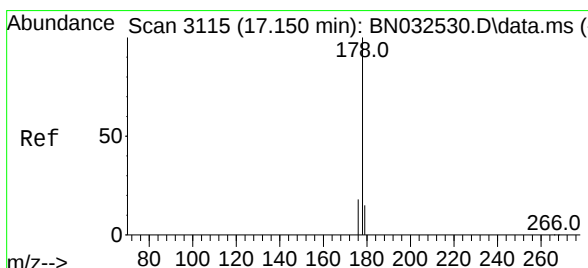
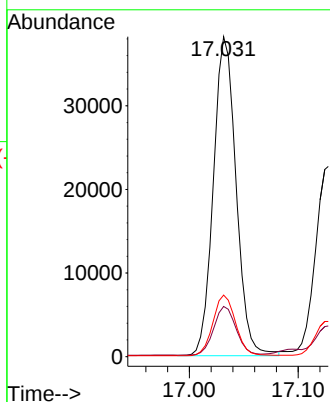
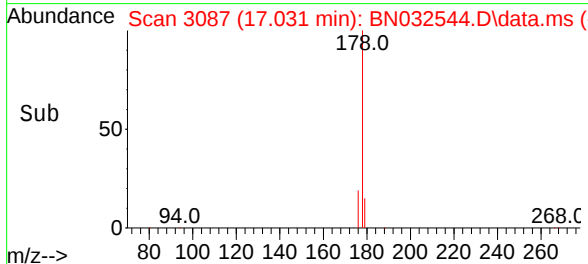
Instrument :
BNA_N
ClientSampleId :
A4CF5



Tgt Ion:178 Resp: 55415
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.2 15.6 23.4

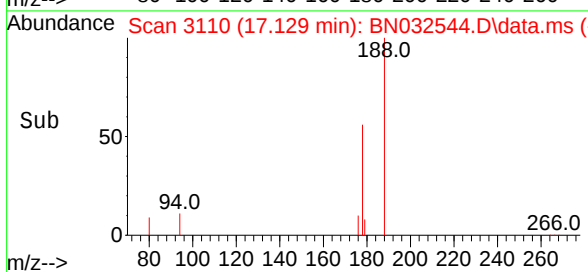
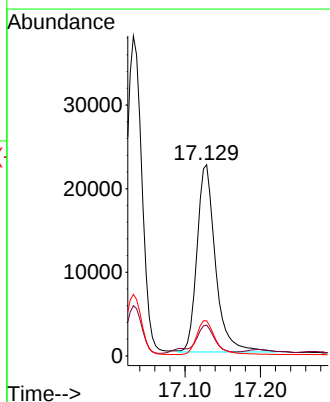
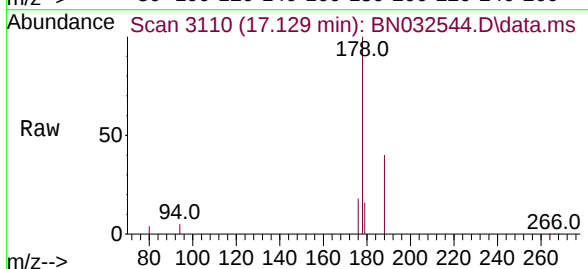
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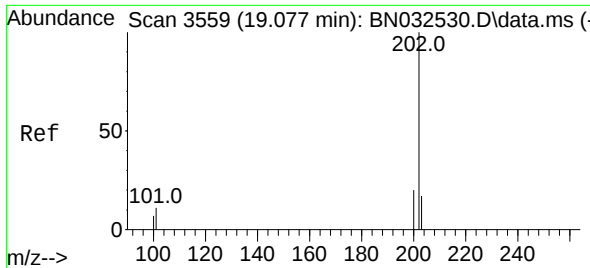
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#16
Anthracene
Concen: 0.773 ng/ul m
RT: 17.129 min Scan# 3110
Delta R.T. -0.014 min
Lab File: BN032544.D
Acq: 06 Jul 2024 13:37

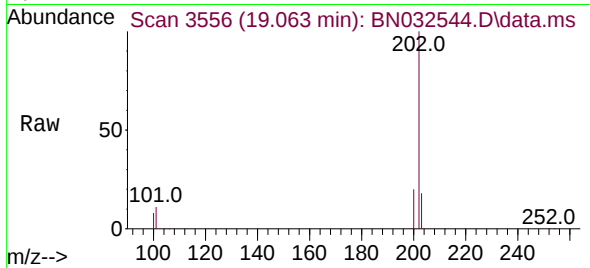
Tgt Ion:178 Resp: 38201
Ion Ratio Lower Upper
178 100
179 16.2 12.5 18.7
176 18.4 15.0 22.6





#19
Fluoranthene
Concen: 2.634 ng/ul
RT: 19.063 min Scan# 3556
Delta R.T. -0.011 min
Lab File: BN032544.D
Acq: 06 Jul 2024 13:37

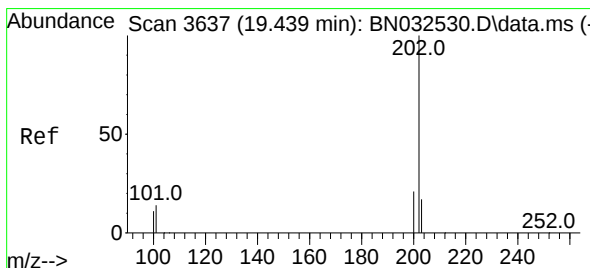
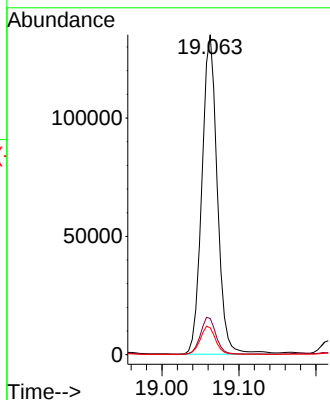
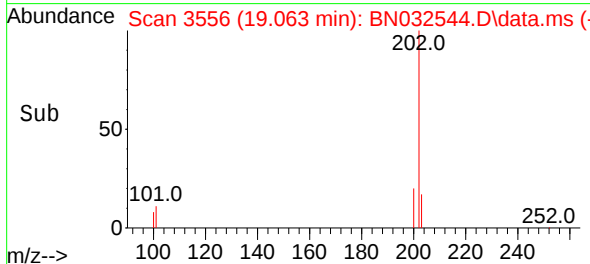
Instrument :
BNA_N
ClientSampleId :
A4CF5



Tgt Ion:202 Resp: 187819
Ion Ratio Lower Upper
202 100
101 11.4 8.8 13.2
100 8.4 6.4 9.6

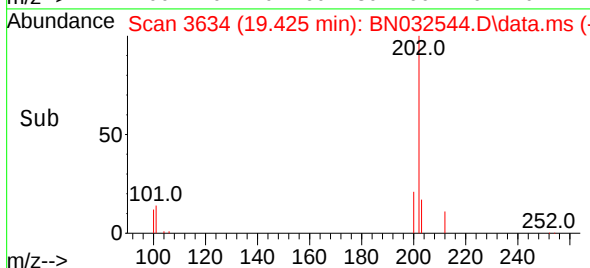
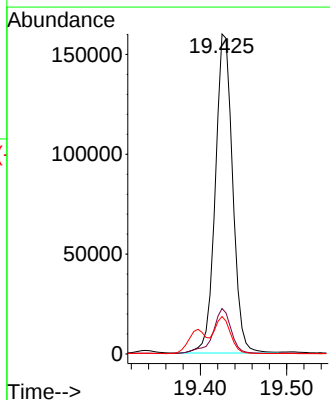
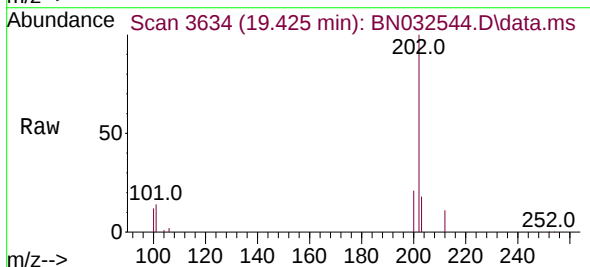
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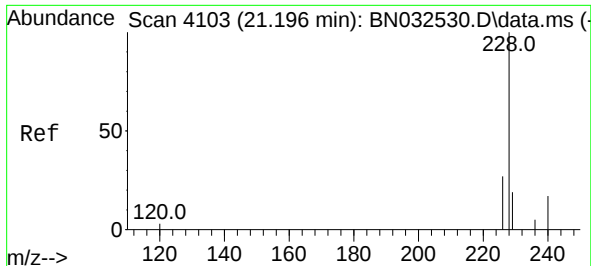
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#20
Pyrene
Concen: 3.002 ng/ul
RT: 19.425 min Scan# 3634
Delta R.T. -0.015 min
Lab File: BN032544.D
Acq: 06 Jul 2024 13:37

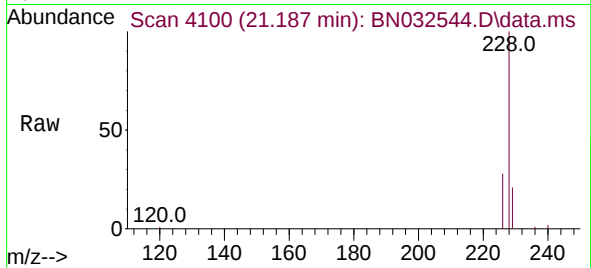
Tgt Ion:202 Resp: 223671
Ion Ratio Lower Upper
202 100
101 14.2 11.0 16.4
100 11.7 8.7 13.1





#21
Benzo(a)anthracene
Concen: 1.701 ng/ul
RT: 21.187 min Scan# 4119
Delta R.T. -0.004 min
Lab File: BN032544.D
Acq: 06 Jul 2024 13:37

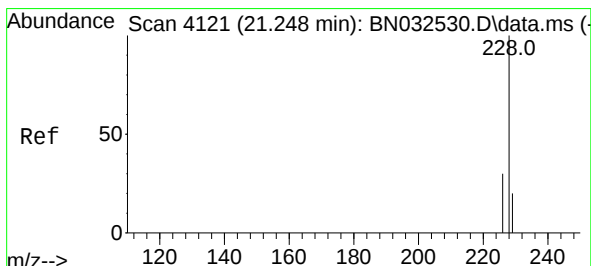
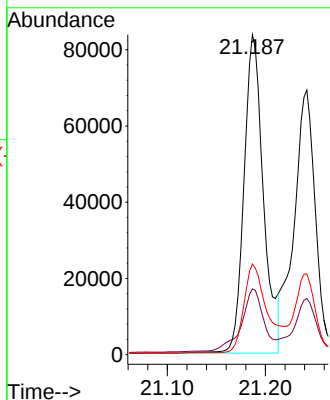
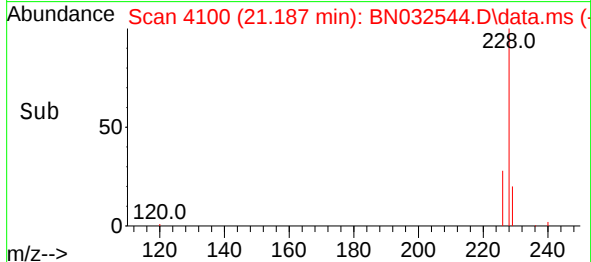
Instrument :
BNA_N
ClientSampleId :
A4CF5



Tgt Ion:228 Resp: 115000
Ion Ratio Lower Upper
228 100
229 20.6 15.7 23.5
226 28.4 21.8 32.8

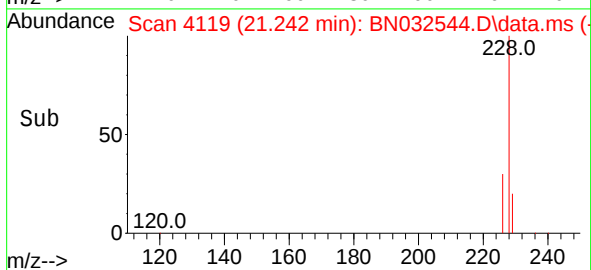
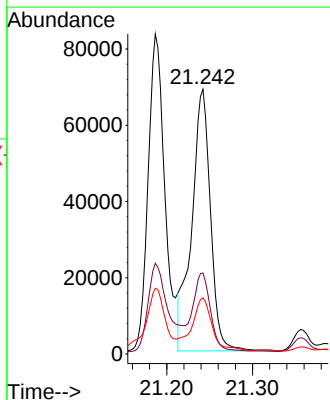
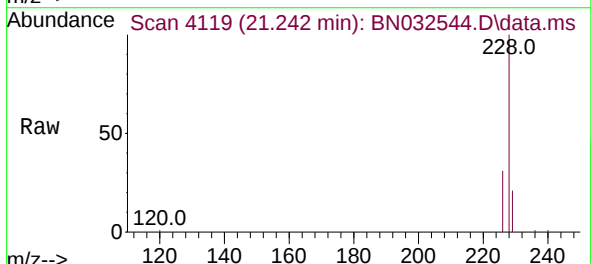
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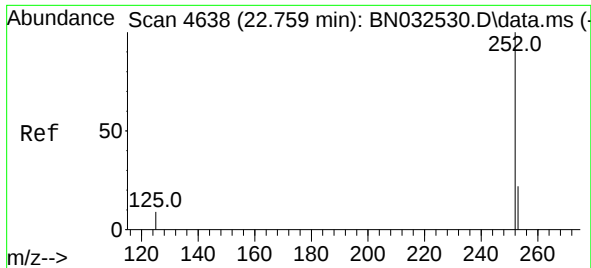
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#22
Chrysene
Concen: 1.410 ng/ul
RT: 21.242 min Scan# 4119
Delta R.T. -0.001 min
Lab File: BN032544.D
Acq: 06 Jul 2024 13:37

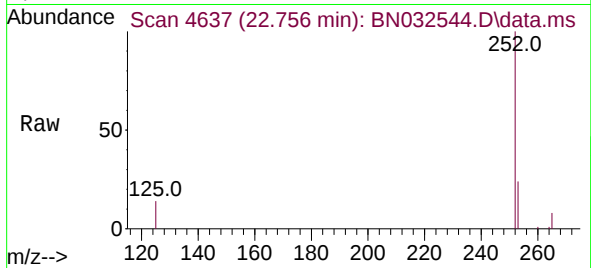
Tgt Ion:228 Resp: 104564
Ion Ratio Lower Upper
228 100
226 30.6 23.6 35.4
229 21.2 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.533 ng/ul m
RT: 22.756 min Scan# 4637
Delta R.T. -0.001 min
Lab File: BN032544.D
Acq: 06 Jul 2024 13:37

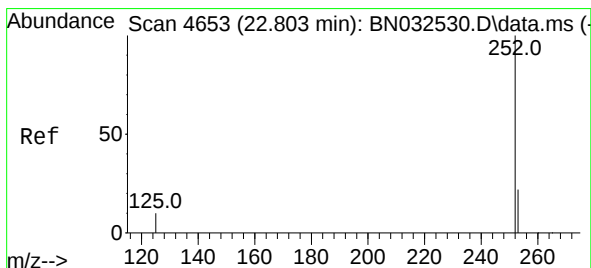
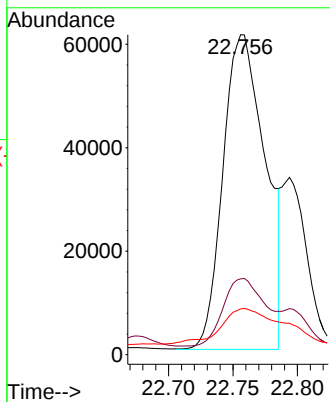
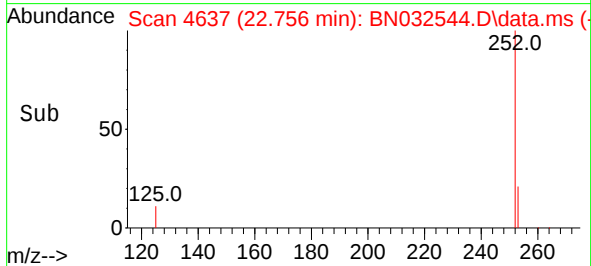
Instrument :
BNA_N
ClientSampleId :
A4CF5



Tgt Ion:252 Resp: 138689
Ion Ratio Lower Upper
252 100
253 23.7 0.0 50.2
125 14.3 0.0 32.0

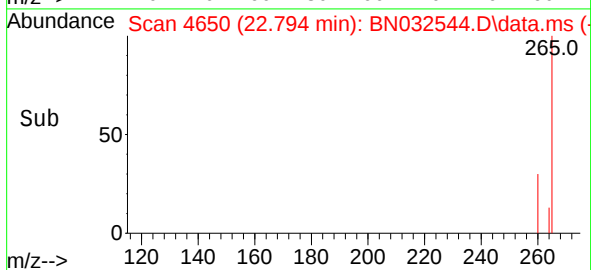
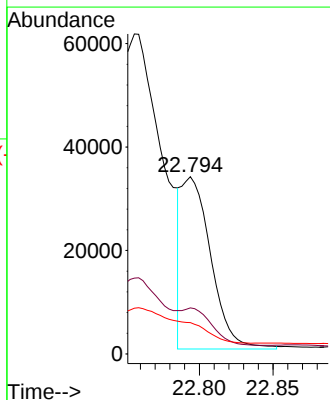
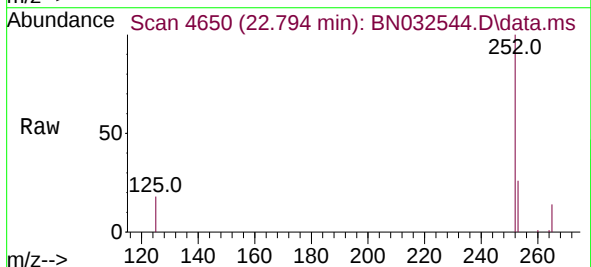
Manual Integrations
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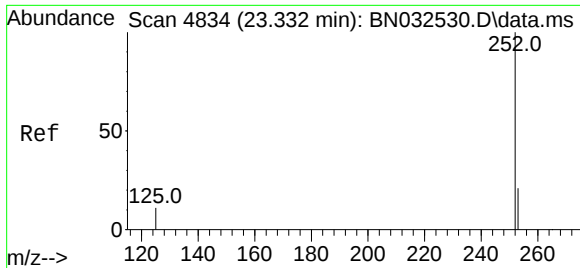
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#25
Benzo(k)fluoranthene
Concen: 0.530 ng/ul m
RT: 22.794 min Scan# 4650
Delta R.T. -0.007 min
Lab File: BN032544.D
Acq: 06 Jul 2024 13:37

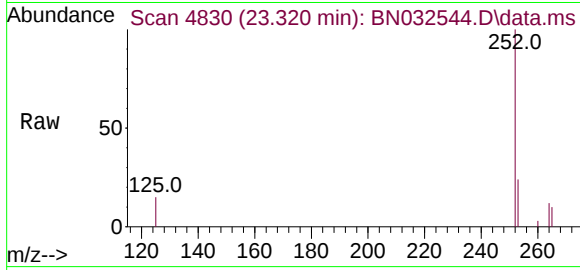
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Ion Ratio Lower Upper
252 100
253 26.0 20.3 30.5
125 17.7 12.8 19.2





#26
Benzo(a)pyrene
Concen: 1.769 ng/ul
RT: 23.320 min Scan# 41
Delta R.T. -0.007 min
Lab File: BN032544.D
Acq: 06 Jul 2024 13:37

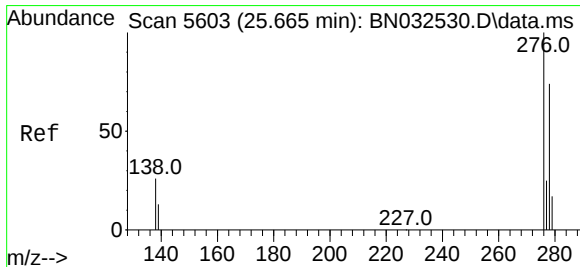
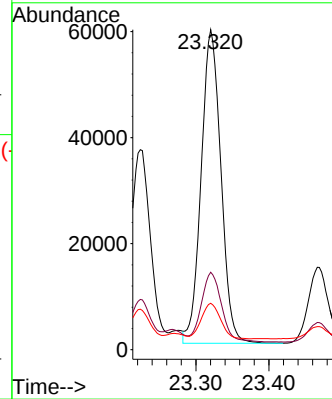
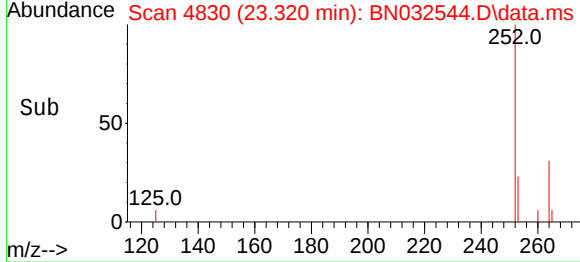
Instrument :
BNA_N
ClientSampleId :
A4CF5



Tgt Ion:252 Resp: 111362
Ion Ratio Lower Upper
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125 14.5 16.4 24.6

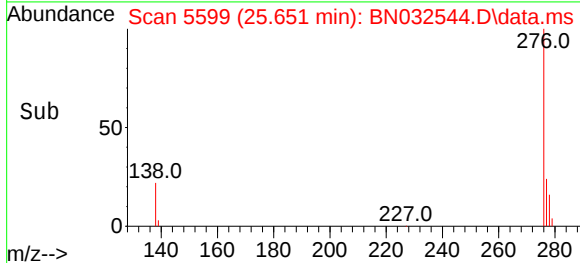
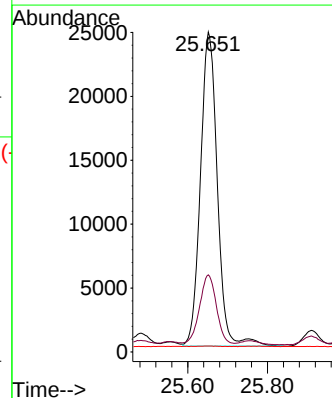
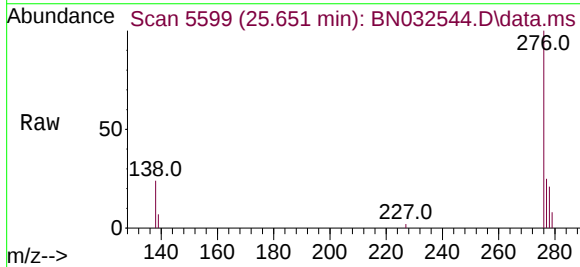
Manual Integrations
APPROVED

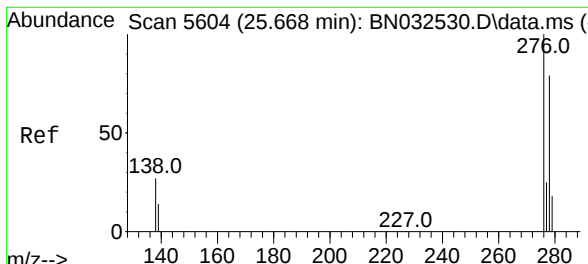
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.734 ng/ul
RT: 25.651 min Scan# 5599
Delta R.T. -0.008 min
Lab File: BN032544.D
Acq: 06 Jul 2024 13:37

Tgt Ion:276 Resp: 72313
Ion Ratio Lower Upper
276 100
138 21.8 21.3 31.9
227 0.2 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.235 ng/ul

RT: 25.655 min Scan# 5600

Delta R.T. -0.011 min

Lab File: BN032544.D

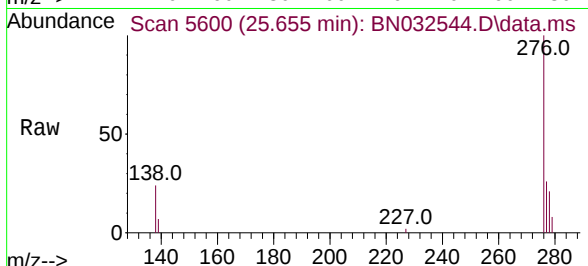
Acq: 06 Jul 2024 13:37

Instrument :

BNA_N

ClientSampleId :

A4CF5



Tgt Ion:278 Resp: 1721

Ion Ratio Lower Upper

278 100

139 32.4 15.9 23.9

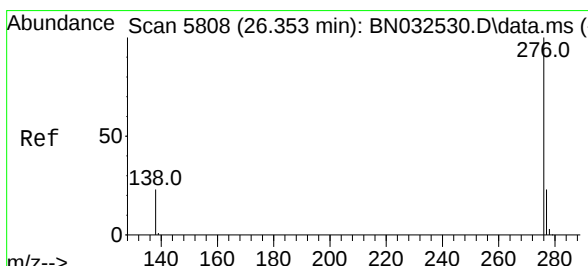
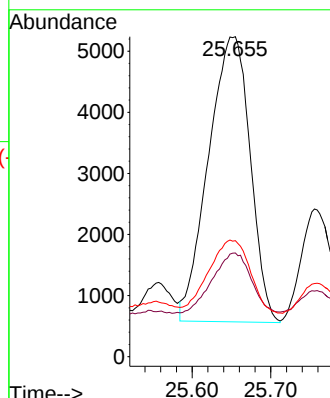
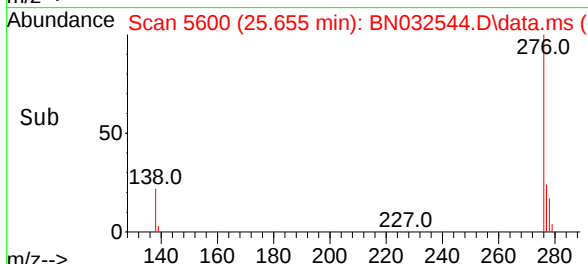
279 36.2 21.1 31.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#29

Benzo(g,h,i)perylene

Concen: 0.864 ng/ul

RT: 26.336 min Scan# 5803

Delta R.T. -0.008 min

Lab File: BN032544.D

Acq: 06 Jul 2024 13:37

Tgt Ion:276 Resp: 67808

Ion Ratio Lower Upper

276 100

138 24.8 19.8 29.6

277 25.8 19.8 29.6

