

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032527.D
 Acq On : 06 Jul 2024 02:45
 Operator : MA/JU
 Sample : P2964-02DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B49DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 06 03:28:09 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	7.595	152	5652	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	16053	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	8974	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.999	188	17627	0.400	ng/ul	0.00
17) Chrysene-d12	21.206	240	17135	0.400	ng/ul	0.00
23) Perylene-d12	23.418	264	20513	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	3770	0.600	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	792	0.033	ng/ul	0.00
18) Fluoranthene-d10	19.036	212	1907	0.037	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.420	128	1579	0.037	ng/ul#	78
10) Acenaphthylene	13.962	152	3063	0.082	ng/ul#	89
11) Acenaphthene	14.304	153	1489	0.051	ng/ul	96
12) Fluorene	15.303	166	1844	0.053	ng/ul#	96
15) Phenanthrene	17.041	178	45835	0.948	ng/ul	99
16) Anthracene	17.134	178	7966	0.185	ng/ul#	95
19) Fluoranthene	19.064	202	109112	1.672	ng/ul	97
20) Pyrene	19.431	202	78438	1.150	ng/ul	99
21) Benzo(a)anthracene	21.188	228	45107	0.729	ng/ul	97
22) Chrysene	21.241	228	58387	0.860	ng/ul	98
24) Benzo(b)fluoranthene	22.754	252	81937m	0.919	ng/ul	
25) Benzo(k)fluoranthene	22.792	252	31900m	0.368	ng/ul	
26) Benzo(a)pyrene	23.321	252	27752	0.448	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.653	276	30893	0.318	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.653	278	9571	0.133	ng/ul#	67
29) Benzo(g,h,i)perylene	26.344	276	4647	0.060	ng/ul#	64

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

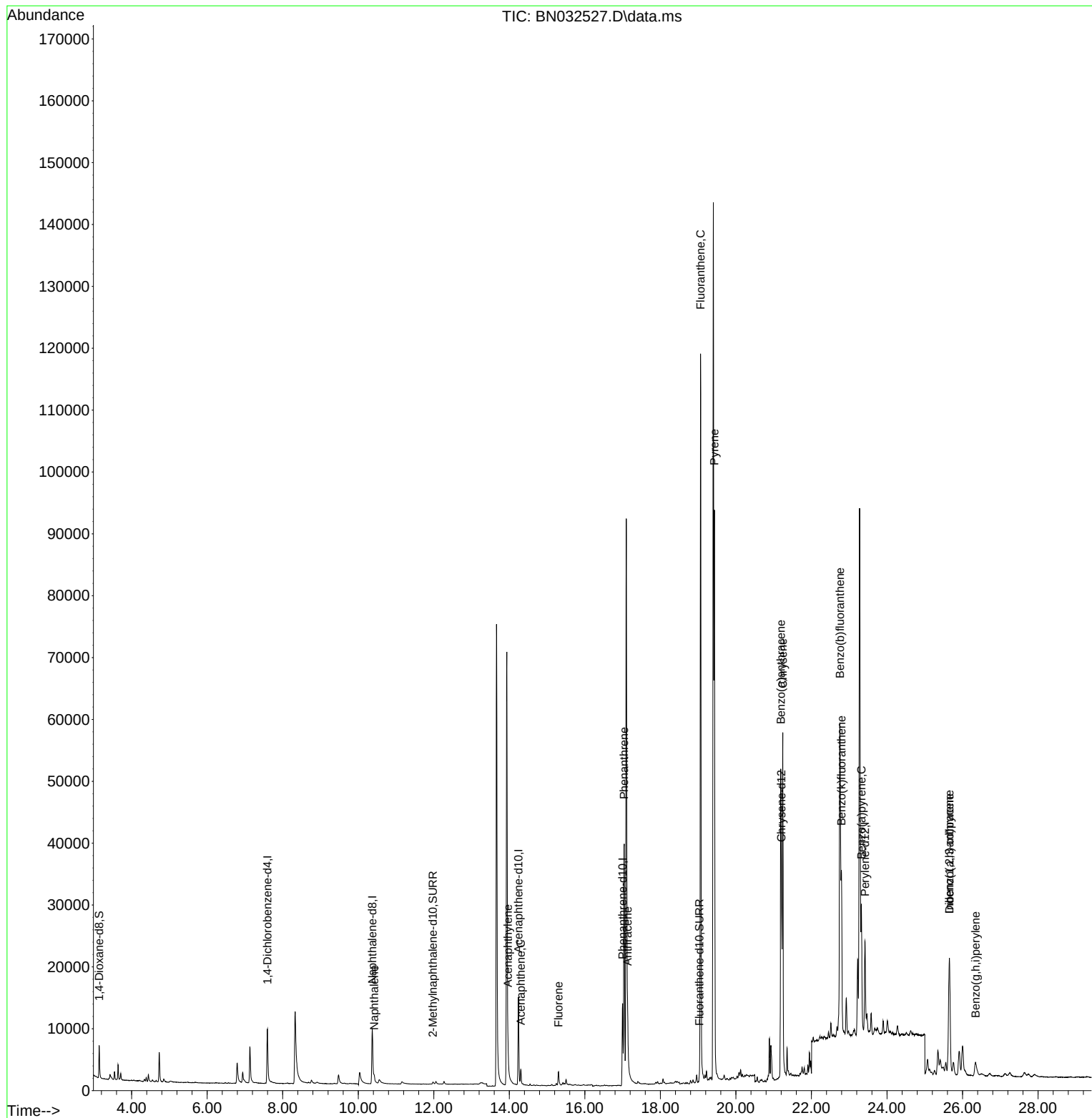
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032527.D
Acq On : 06 Jul 2024 02:45
Operator : MA/JU
Sample : P2964-02DL 5X
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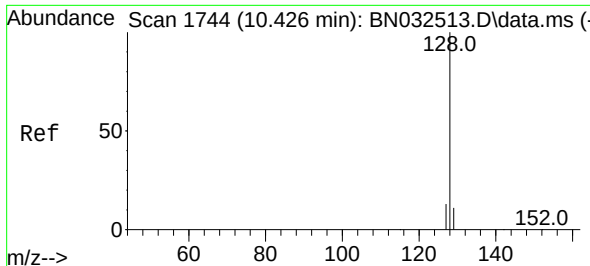
Instrument :
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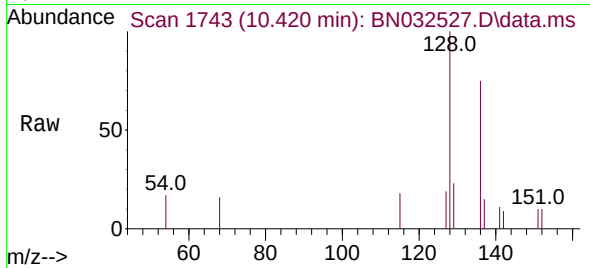
Quant Time: Jul 06 03:28:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.037 ng/ul
RT: 10.420 min Scan# 1743
Delta R.T. -0.011 min
Lab File: BN032527.D
Acq: 06 Jul 2024 02:45

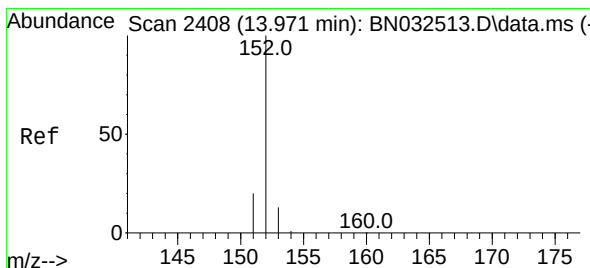
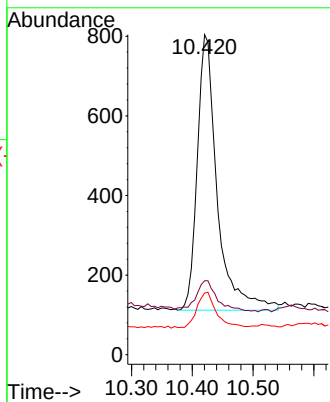
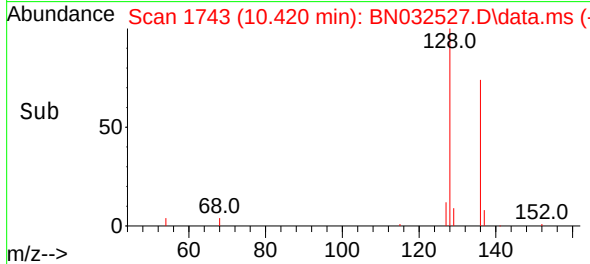
Instrument :
BNA_N
ClientSampleId :
A4B49DL



Tgt Ion:128 Resp: 1579
Ion Ratio Lower Upper
128 100
129 23.1 9.2 13.8#
127 19.3 10.8 16.2#

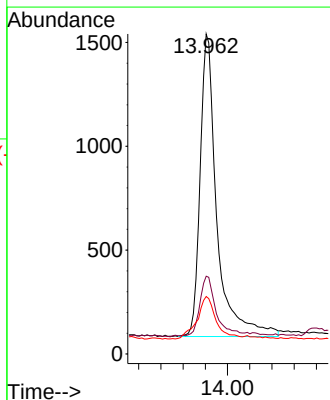
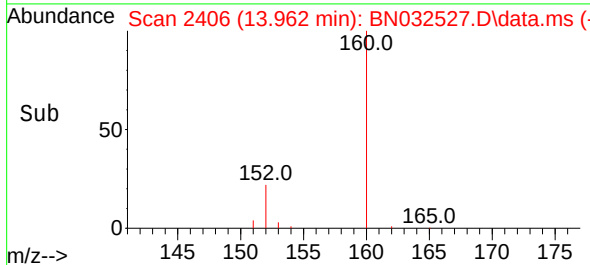
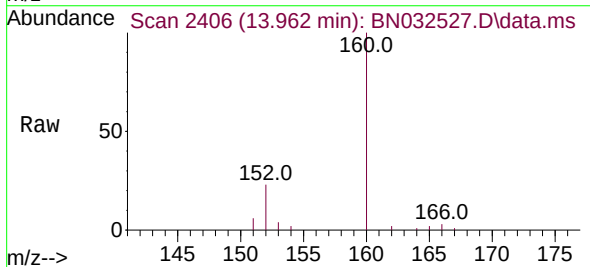
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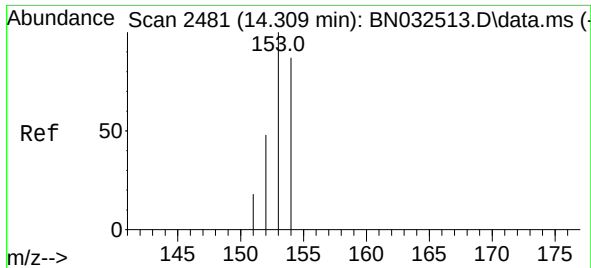
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#10
Acenaphthylene
Concen: 0.082 ng/ul
RT: 13.962 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BN032527.D
Acq: 06 Jul 2024 02:45

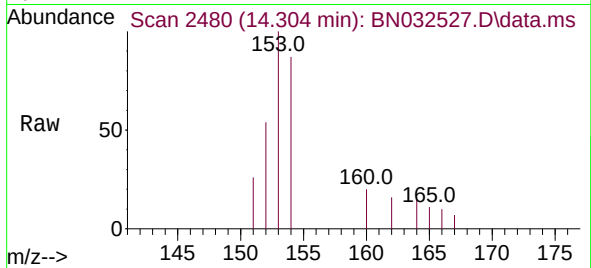
Tgt Ion:152 Resp: 3063
Ion Ratio Lower Upper
152 100
151 24.3 15.7 23.5#
153 18.0 10.9 16.3#





#11
Acenaphthene
Concen: 0.051 ng/ul
RT: 14.304 min Scan# 2480
Delta R.T. -0.009 min
Lab File: BN032527.D
Acq: 06 Jul 2024 02:45

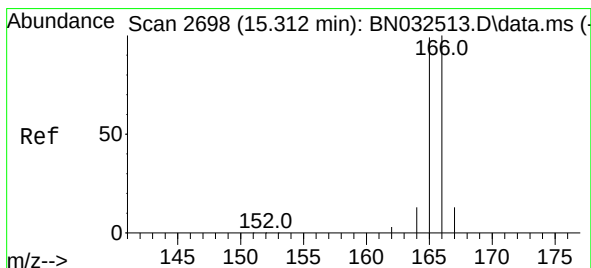
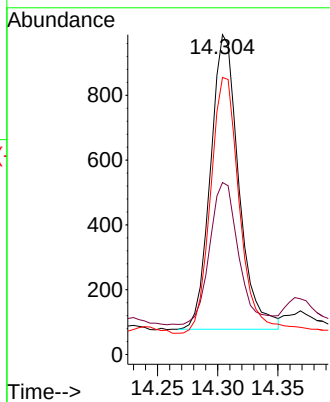
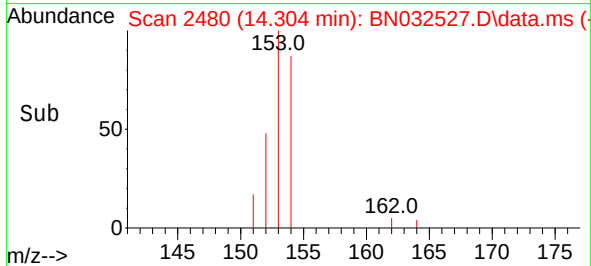
Instrument :
BNA_N
ClientSampleId :
A4B49DL



Tgt Ion:153 Resp: 1489
Ion Ratio Lower Upper
153 100
152 53.8 39.5 59.3
154 86.6 71.7 107.5

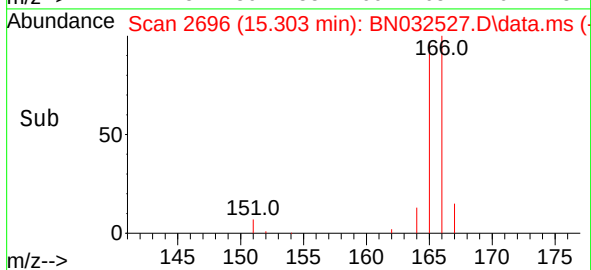
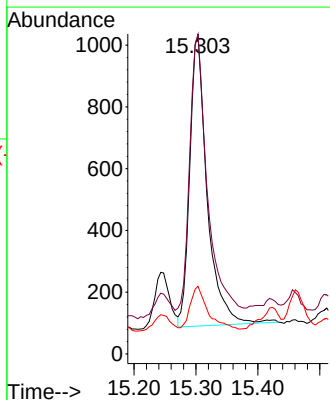
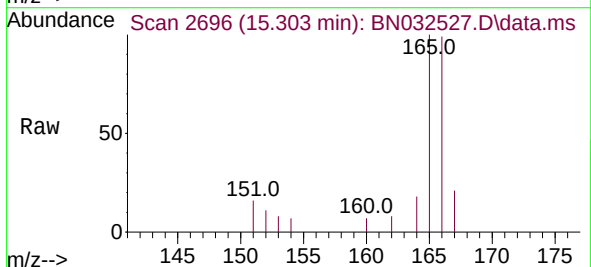
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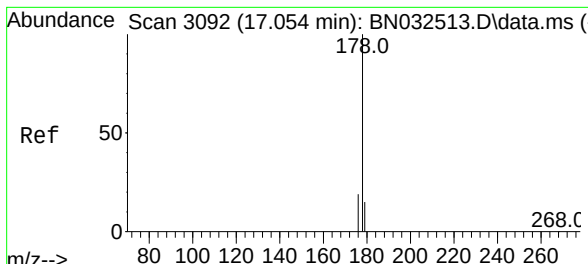
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#12
Fluorene
Concen: 0.053 ng/ul
RT: 15.303 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BN032527.D
Acq: 06 Jul 2024 02:45

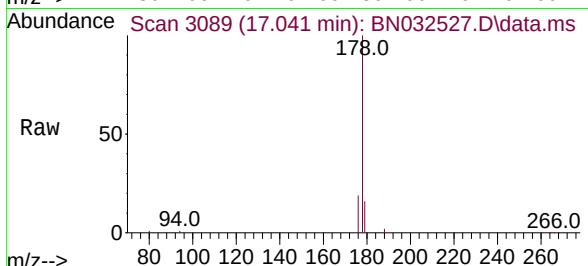
Tgt Ion:166 Resp: 1844
Ion Ratio Lower Upper
166 100
165 100.8 79.0 118.6
167 21.3 11.0 16.6#





#15
Phenanthrene
Concen: 0.948 ng/ul
RT: 17.041 min Scan# 3092
Delta R.T. -0.008 min
Lab File: BN032527.D
Acq: 06 Jul 2024 02:45

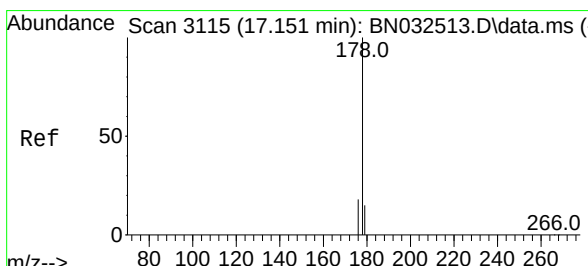
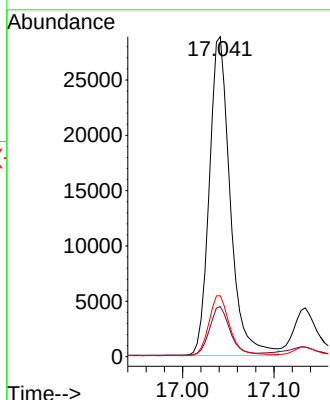
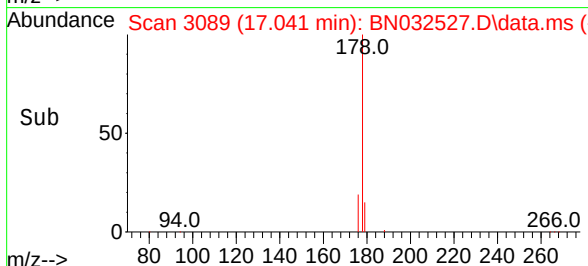
Instrument :
BNA_N
ClientSampleId :
A4B49DL



Tgt Ion:178 Resp: 4583
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.0 15.6 23.4

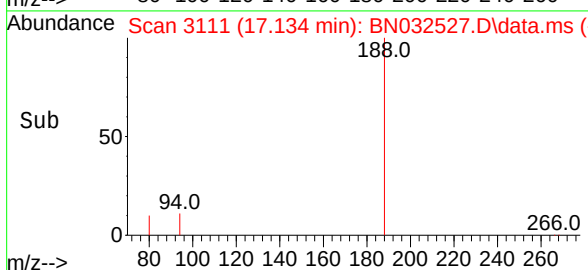
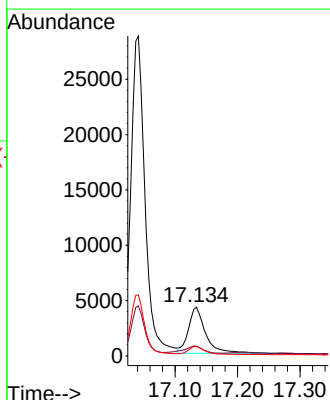
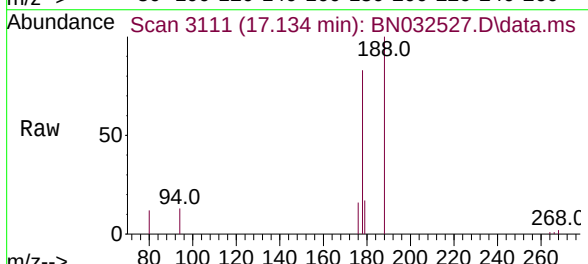
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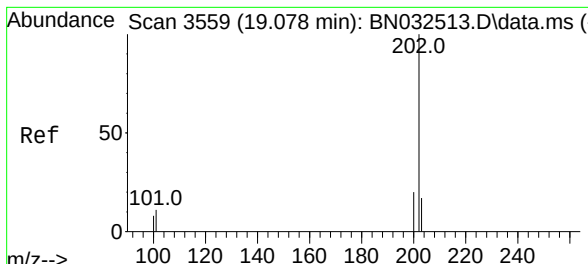
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#16
Anthracene
Concen: 0.185 ng/ul
RT: 17.134 min Scan# 3111
Delta R.T. -0.008 min
Lab File: BN032527.D
Acq: 06 Jul 2024 02:45

Tgt Ion:178 Resp: 7966
Ion Ratio Lower Upper
178 100
179 20.1 12.5 18.7#
176 19.2 15.0 22.6





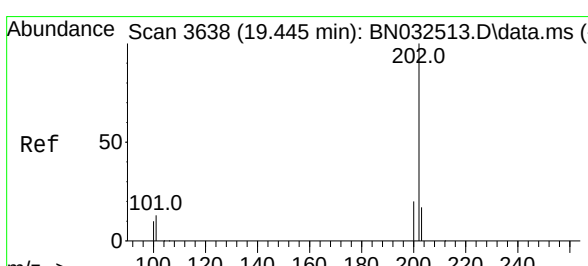
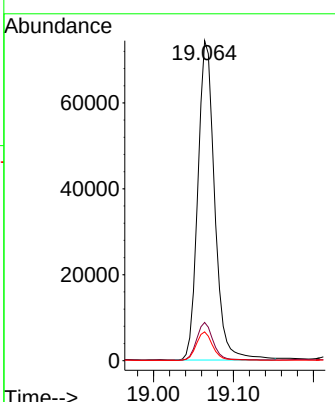
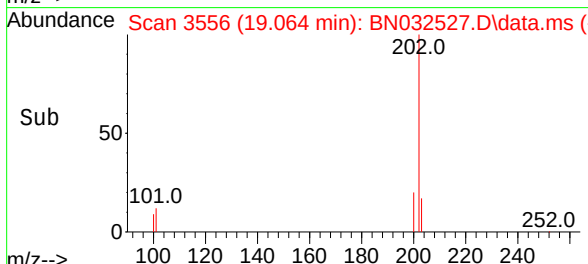
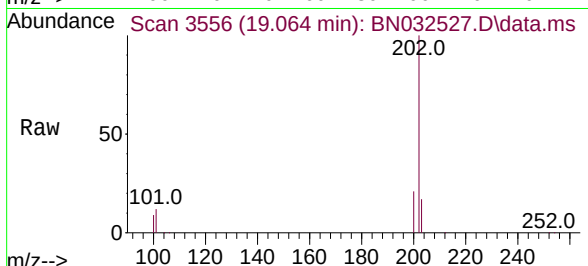
#19
 Fluoranthene
 Concen: 1.672 ng/ul
 RT: 19.064 min Scan# 3559
 Delta R.T. -0.009 min
 Lab File: BN032527.D
 Acq: 06 Jul 2024 02:45

Instrument : BNA_N
 ClientSampleId : A4B49DL

Tgt Ion:	202	Resp:	10911
Ion Ratio	Lower	Upper	
202	100		
101	11.9	8.8	13.2
100	9.0	6.4	9.6

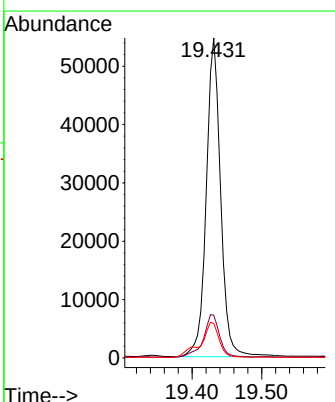
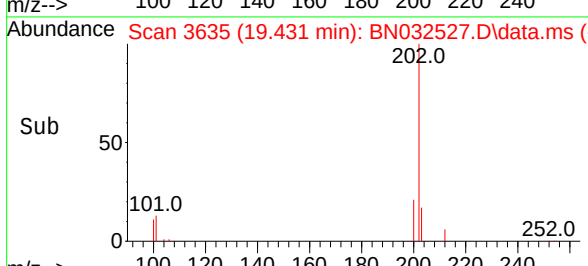
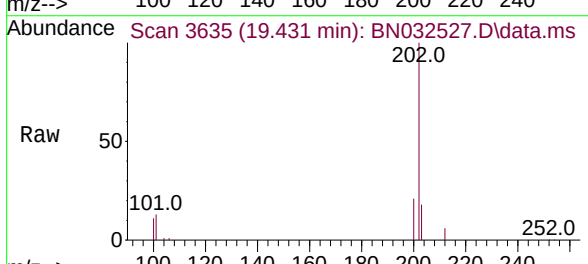
Manual Integrations
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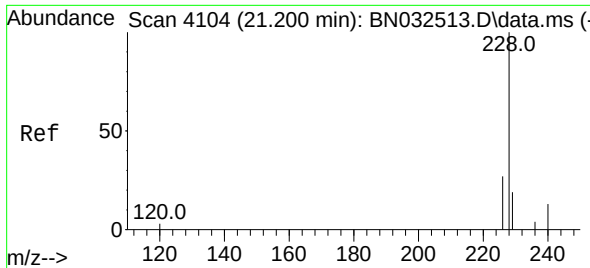
Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024



#20
 Pyrene
 Concen: 1.150 ng/ul
 RT: 19.431 min Scan# 3635
 Delta R.T. -0.009 min
 Lab File: BN032527.D
 Acq: 06 Jul 2024 02:45

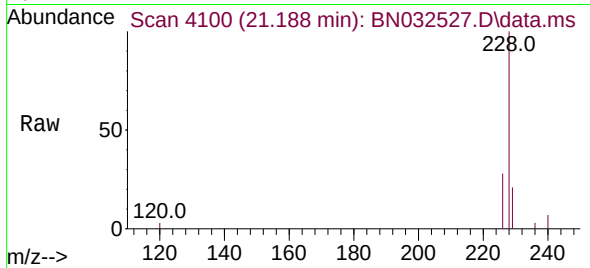
Tgt Ion:	202	Resp:	78438
Ion Ratio	Lower	Upper	
202	100		
101	13.3	11.0	16.4
100	10.8	8.7	13.1





#21
Benzo(a)anthracene
Concen: 0.729 ng/ul
RT: 21.188 min Scan# 4110
Delta R.T. -0.003 min
Lab File: BN032527.D
Acq: 06 Jul 2024 02:45

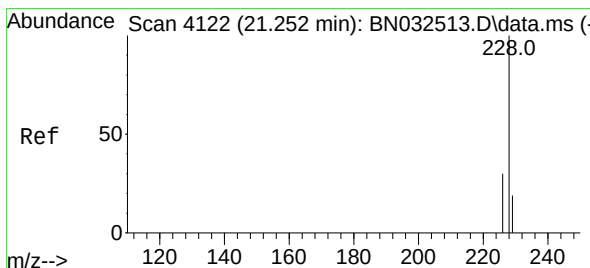
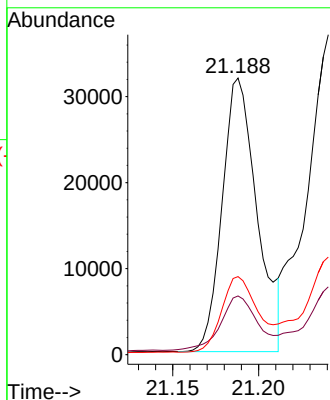
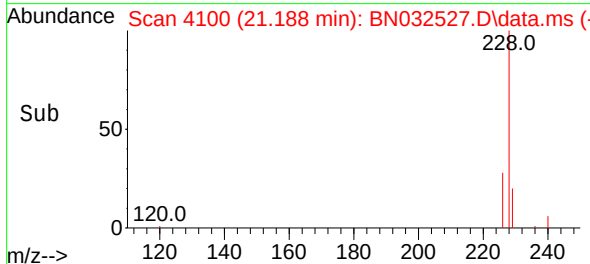
Instrument :
BNA_N
ClientSampleId :
A4B49DL



Tgt Ion:228 Resp: 4510
Ion Ratio Lower Upper
228 100
229 21.2 15.7 23.5
226 28.2 21.8 32.8

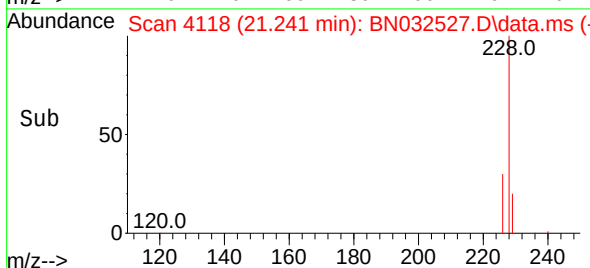
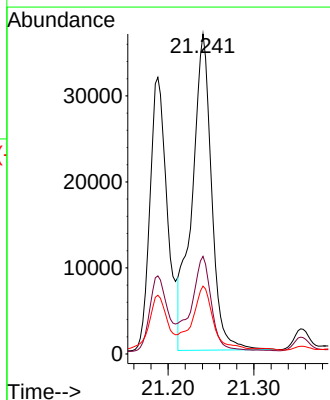
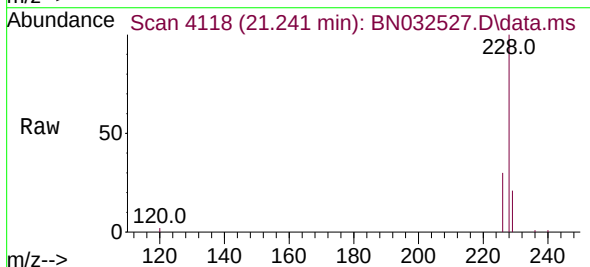
Manual Integrations
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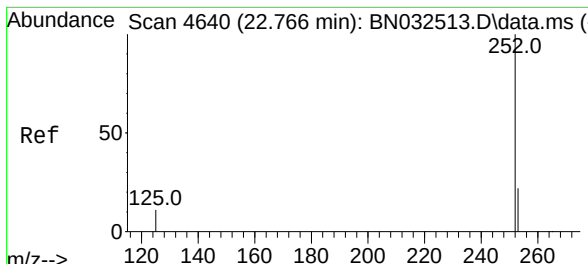
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#22
Chrysene
Concen: 0.860 ng/ul
RT: 21.241 min Scan# 4118
Delta R.T. -0.003 min
Lab File: BN032527.D
Acq: 06 Jul 2024 02:45

Tgt Ion:228 Resp: 58387
Ion Ratio Lower Upper
228 100
226 30.5 23.6 35.4
229 21.2 15.7 23.5





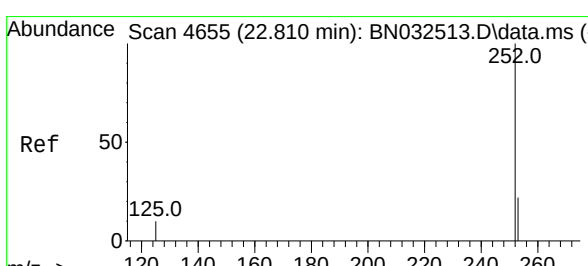
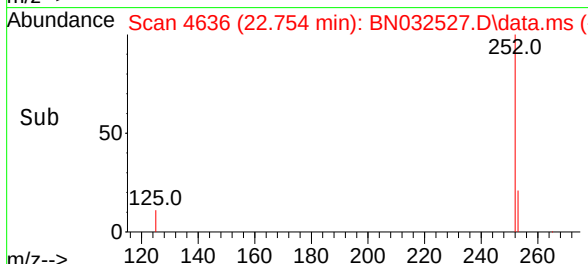
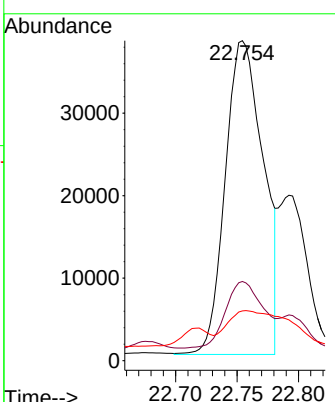
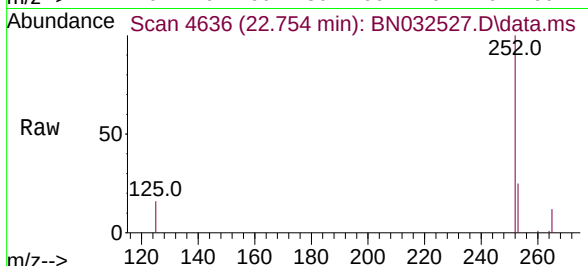
#24
 Benzo(b)fluoranthene
 Concen: 0.919 ng/ul m
 RT: 22.754 min Scan# 4636
 Delta R.T. -0.003 min
 Lab File: BN032527.D
 Acq: 06 Jul 2024 02:45

Instrument : BNA_N
 ClientSampleId : A4B49DL

Tgt Ion:	252	Resp:	8193
Ion Ratio	Lower	Upper	
252	100		
253	24.7	0.0	50.2
125	15.6	0.0	32.0

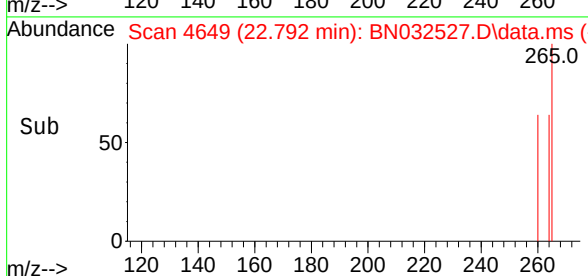
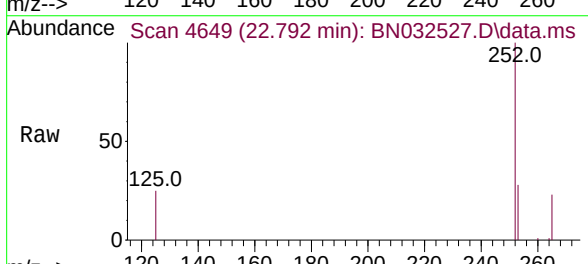
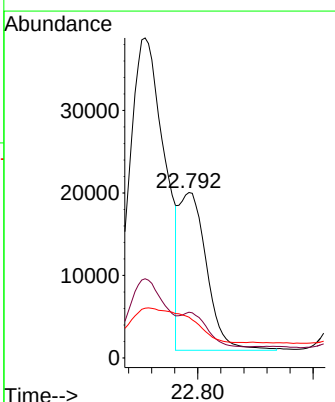
Manual Integrations
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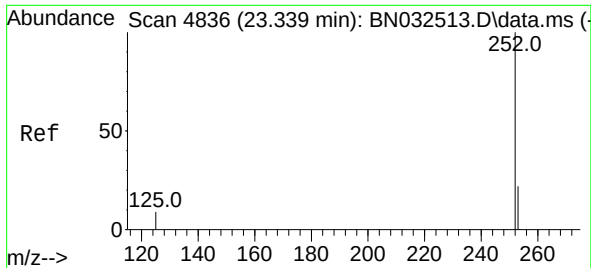
Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024



#25
 Benzo(k)fluoranthene
 Concen: 0.368 ng/ul m
 RT: 22.792 min Scan# 4649
 Delta R.T. -0.009 min
 Lab File: BN032527.D
 Acq: 06 Jul 2024 02:45

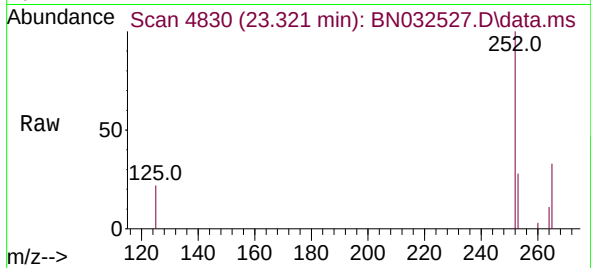
Tgt Ion:	252	Resp:	31900
Ion Ratio	Lower	Upper	
252	100		
253	27.6	20.3	30.5
125	24.7	12.8	19.2





#26
Benzo(a)pyrene
Concen: 0.448 ng/ul
RT: 23.321 min Scan# 4830
Delta R.T. -0.006 min
Lab File: BN032527.D
Acq: 06 Jul 2024 02:45

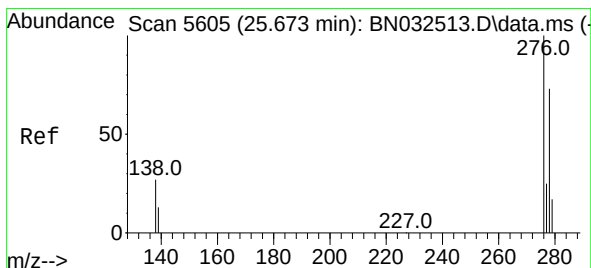
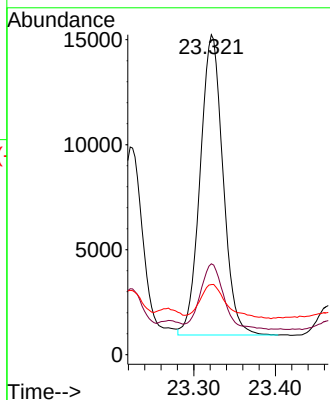
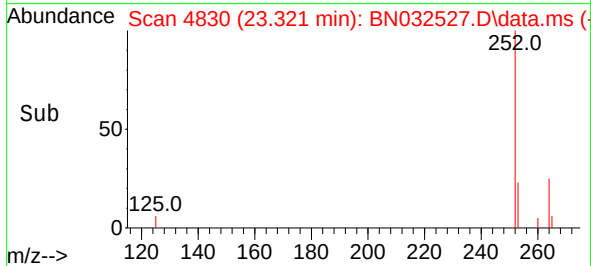
Instrument :
BNA_N
ClientSampleId :
A4B49DL



Tgt Ion:252 Resp: 2775
Ion Ratio Lower Upper
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253 28.4 22.2 33.2
125 21.9 16.4 24.6

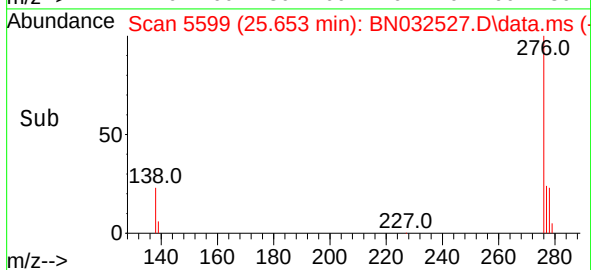
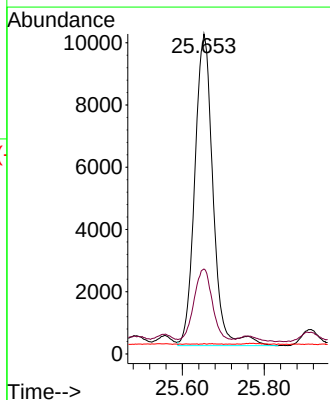
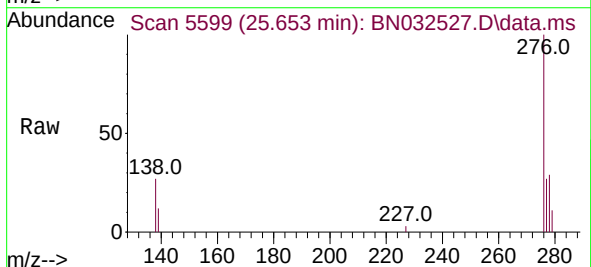
Manual Integrations
APPROVED

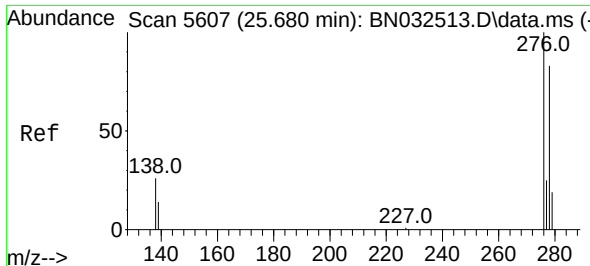
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.318 ng/ul
RT: 25.653 min Scan# 5599
Delta R.T. -0.007 min
Lab File: BN032527.D
Acq: 06 Jul 2024 02:45

Tgt Ion:276 Resp: 30893
Ion Ratio Lower Upper
276 100
138 23.0 21.3 31.9
227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.133 ng/ul

RT: 25.653 min Scan# 5599

Delta R.T. -0.013 min

Lab File: BN032527.D

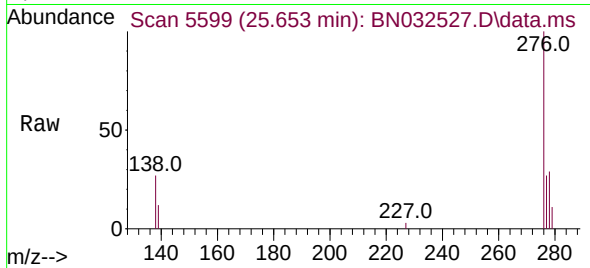
Acq: 06 Jul 2024 02:45

Instrument :

BNA_N

ClientSampleId :

A4B49DL



Tgt Ion:278 Resp: 957

Ion Ratio Lower Upper

278 100

139 40.4 15.9 23.9

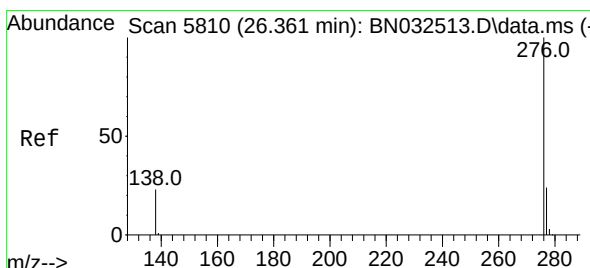
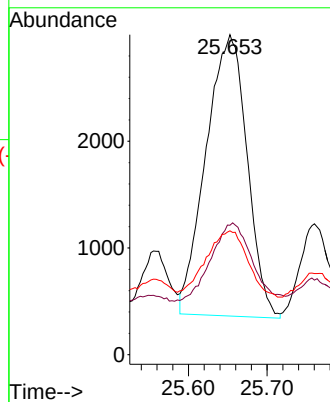
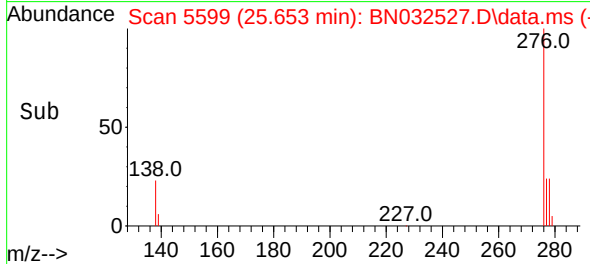
279 38.7 21.1 31.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#29

Benzo(g,h,i)perylene

Concen: 0.060 ng/ul

RT: 26.344 min Scan# 5805

Delta R.T. -0.000 min

Lab File: BN032527.D

Acq: 06 Jul 2024 02:45

Tgt Ion:276 Resp: 4647

Ion Ratio Lower Upper

276 100

138 44.1 19.8 29.6

277 41.6 19.8 29.6

