

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032526.D
 Acq On : 06 Jul 2024 02:09
 Operator : MA/JU
 Sample : P3065-11DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CE8DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 06 02:37:33 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	6451	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	18131	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	9377	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.999	188	16805	0.400	ng/ul	0.00
17) Chrysene-d12	21.205	240	15926	0.400	ng/ul	0.00
23) Perylene-d12	23.418	264	18968	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	4843	0.675	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	1030	0.038	ng/ul	0.00
18) Fluoranthene-d10	19.036	212	2004	0.042	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.420	128	1603	0.033	ng/ul#	81
10) Acenaphthylene	13.961	152	3230	0.083	ng/ul#	90
11) Acenaphthene	14.304	153	1620	0.054	ng/ul	97
12) Fluorene	15.303	166	1865	0.052	ng/ul#	98
15) Phenanthrene	17.041	178	38197	0.829	ng/ul	100
16) Anthracene	17.134	178	8446	0.206	ng/ul#	94
19) Fluoranthene	19.064	202	95276	1.571	ng/ul	97
20) Pyrene	19.431	202	65684	1.036	ng/ul	99
21) Benzo(a)anthracene	21.191	228	43904	0.764	ng/ul	97
22) Chrysene	21.241	228	51005	0.808	ng/ul	97
24) Benzo(b)fluoranthene	22.754	252	77755m	0.944	ng/ul	
25) Benzo(k)fluoranthene	22.792	252	27561m	0.344	ng/ul	
26) Benzo(a)pyrene	23.318	252	24730	0.431	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.653	276	27164	0.303	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.653	278	8864	0.133	ng/ul#	73
29) Benzo(g,h,i)perylene	26.347	276	3703	0.052	ng/ul#	62

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

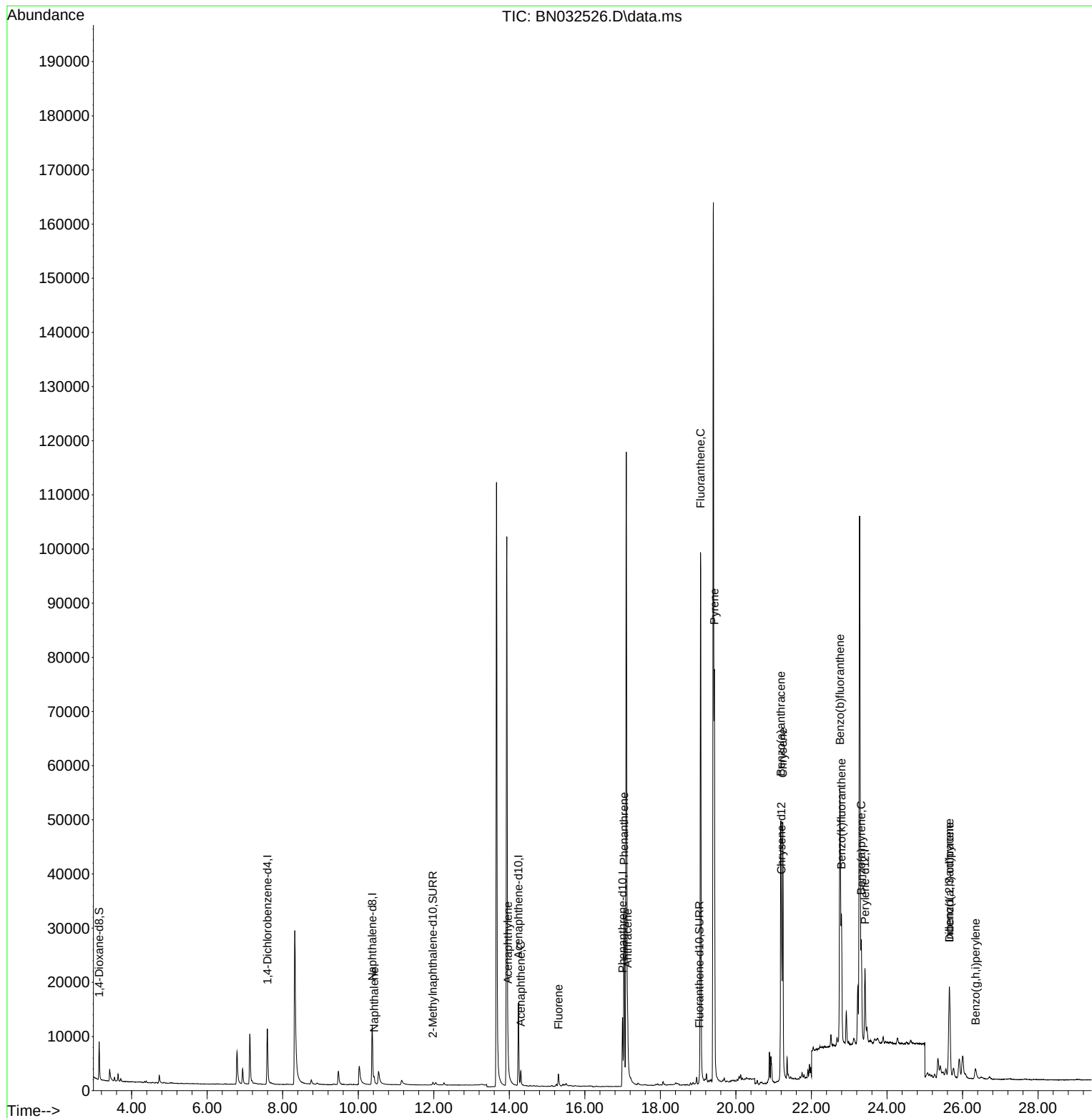
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032526.D
Acq On : 06 Jul 2024 02:09
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ALS Vial : 26 Sample Multiplier: 1

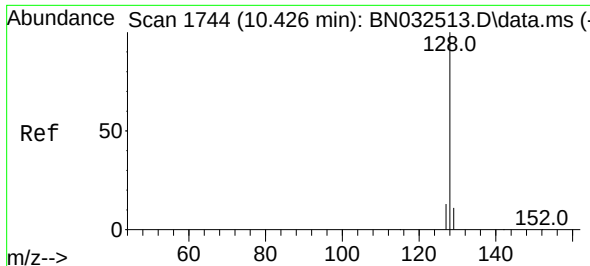
Instrument :
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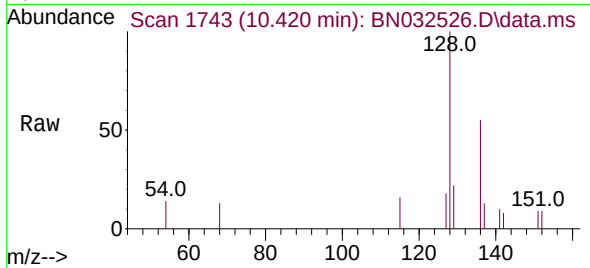
Quant Time: Jul 06 02:37:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
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#5
Naphthalene
Concen: 0.033 ng/ul
RT: 10.420 min Scan# 1743
Delta R.T. -0.011 min
Lab File: BN032526.D
Acq: 06 Jul 2024 02:09

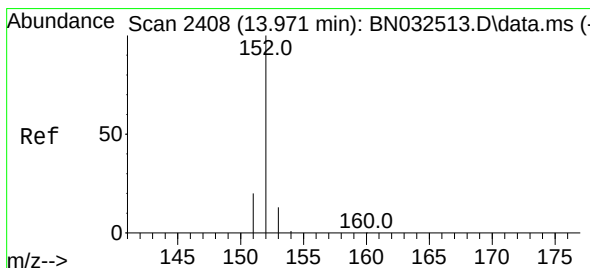
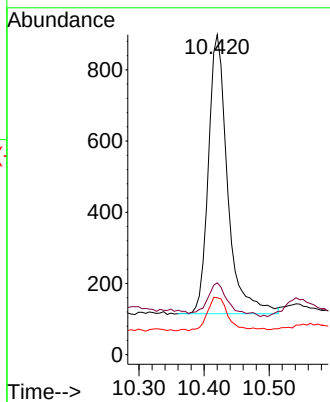
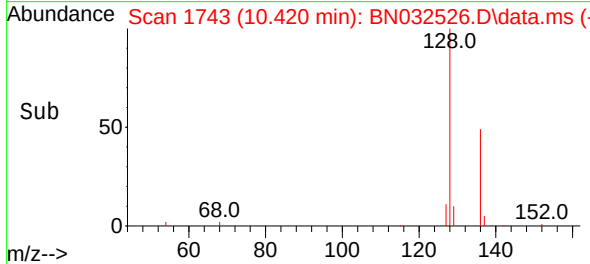
Instrument :
BNA_N
ClientSampleId :
A4CE8DL



Tgt Ion:128 Resp: 1600
Ion Ratio Lower Upper
128 100
129 22.5 9.2 13.8#
127 17.8 10.8 16.2#

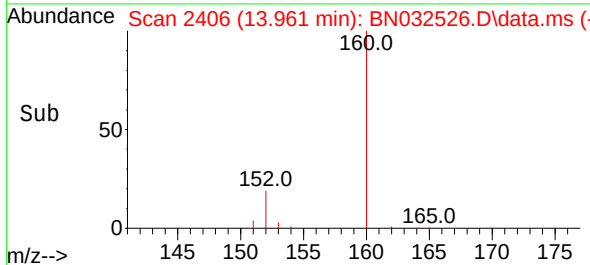
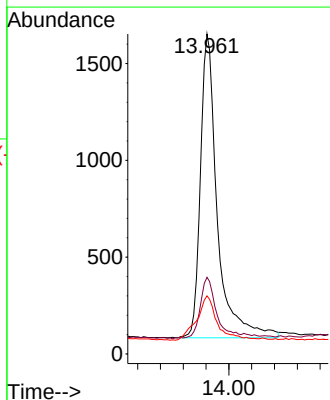
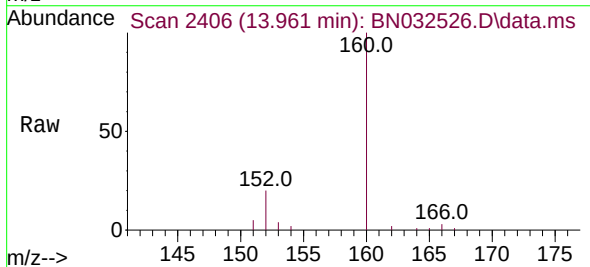
Manual Integrations
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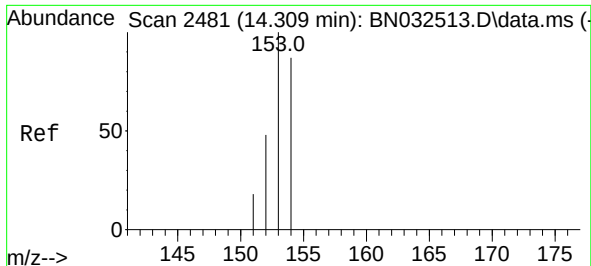
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#10
Acenaphthylene
Concen: 0.083 ng/ul
RT: 13.961 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BN032526.D
Acq: 06 Jul 2024 02:09

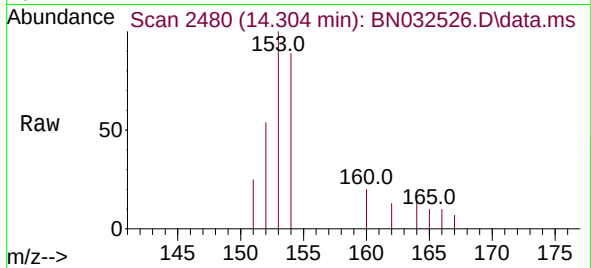
Tgt Ion:152 Resp: 3230
Ion Ratio Lower Upper
152 100
151 24.0 15.7 23.5#
153 18.1 10.9 16.3#





#11
Acenaphthene
Concen: 0.054 ng/ul
RT: 14.304 min Scan# 2481
Delta R.T. -0.009 min
Lab File: BN032526.D
Acq: 06 Jul 2024 02:09

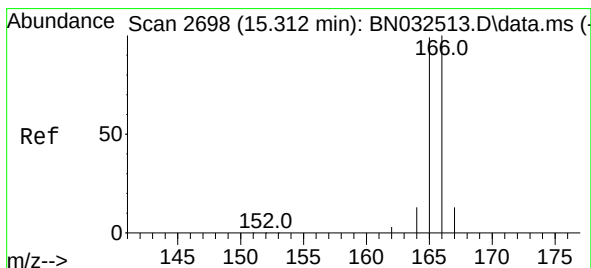
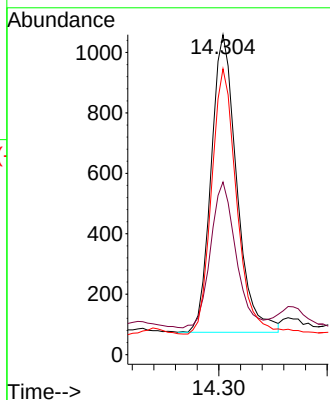
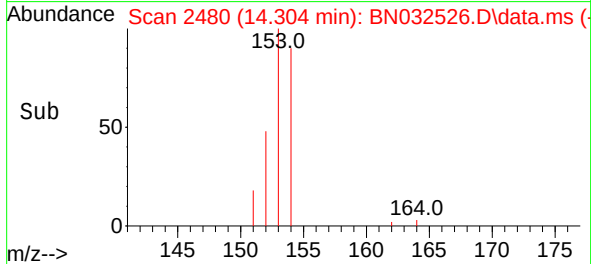
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 1620
Ion Ratio Lower Upper
153 100
152 53.9 39.5 59.3
154 89.3 71.7 107.5

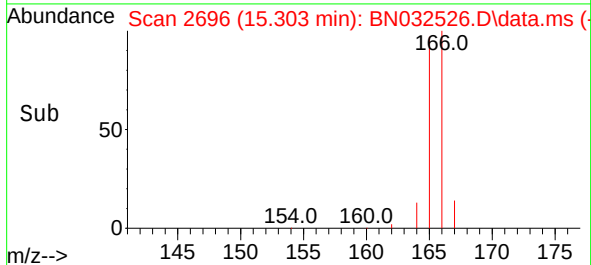
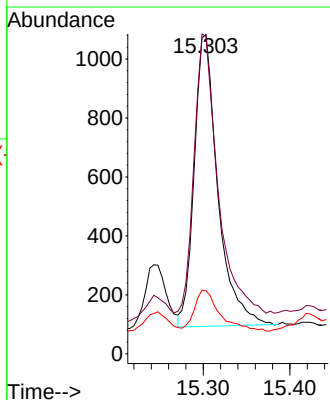
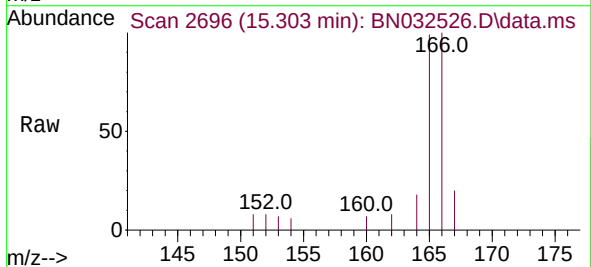
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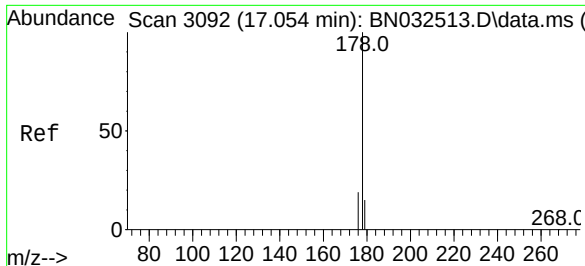
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#12
Fluorene
Concen: 0.052 ng/ul
RT: 15.303 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BN032526.D
Acq: 06 Jul 2024 02:09

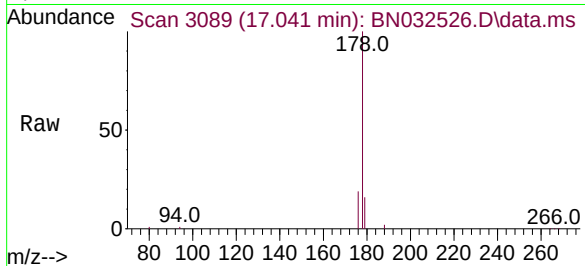
Tgt Ion:166 Resp: 1865
Ion Ratio Lower Upper
166 100
165 99.4 79.0 118.6
167 19.8 11.0 16.6#





#15
Phenanthrene
Concen: 0.829 ng/ul
RT: 17.041 min Scan# 3092
Delta R.T. -0.009 min
Lab File: BN032526.D
Acq: 06 Jul 2024 02:09

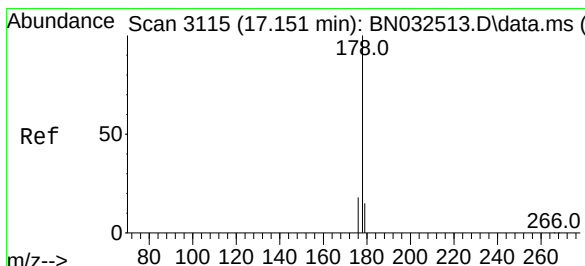
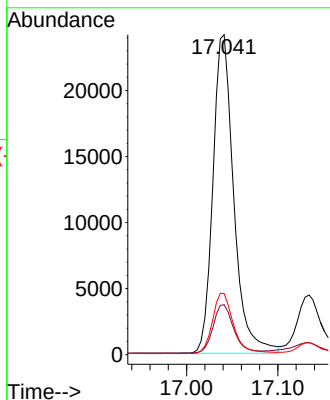
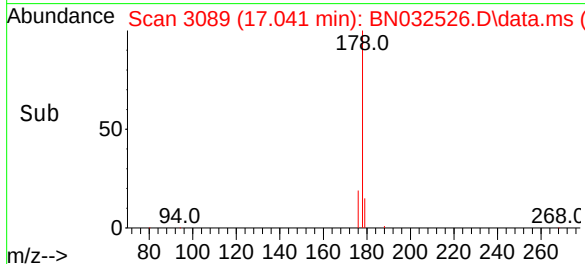
Instrument :
BNA_N
ClientSampleId :
A4CE8DL



Tgt Ion:178 Resp: 3819
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.2 15.6 23.4

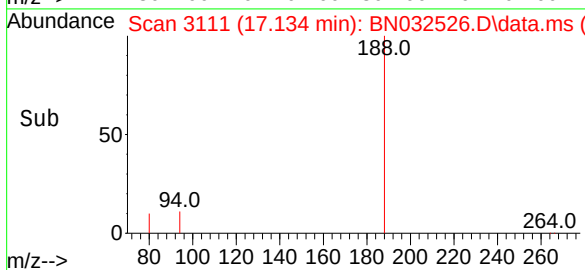
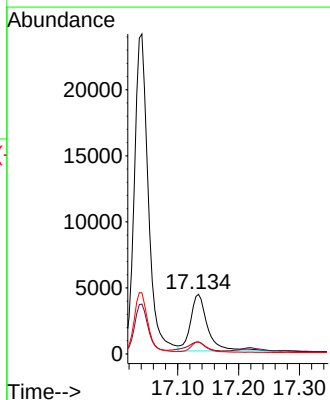
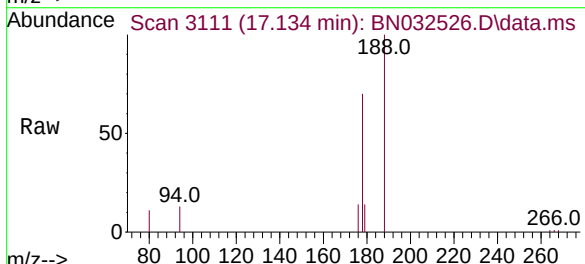
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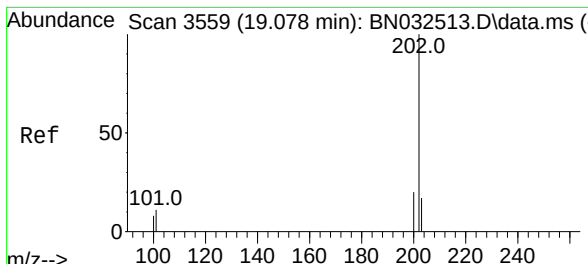
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#16
Anthracene
Concen: 0.206 ng/ul
RT: 17.134 min Scan# 3111
Delta R.T. -0.009 min
Lab File: BN032526.D
Acq: 06 Jul 2024 02:09

Tgt Ion:178 Resp: 8446
Ion Ratio Lower Upper
178 100
179 20.4 12.5 18.7#
176 19.9 15.0 22.6





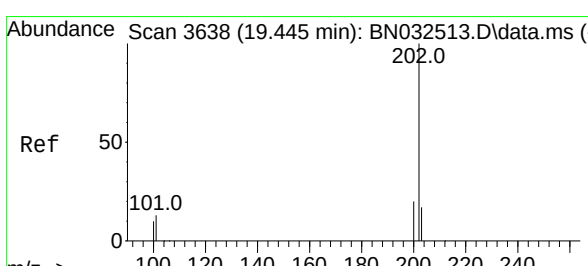
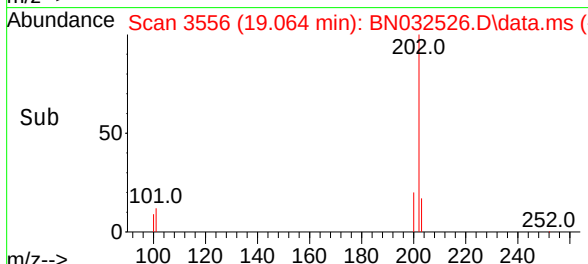
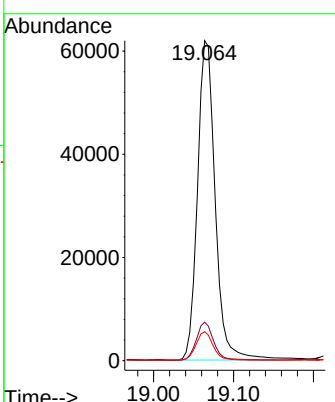
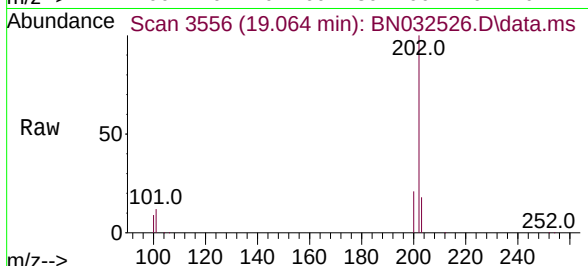
#19
 Fluoranthene
 Concen: 1.571 ng/ul
 RT: 19.064 min Scan# 3556
 Delta R.T. -0.009 min
 Lab File: BN032526.D
 Acq: 06 Jul 2024 02:09

Instrument : BNA_N
 ClientSampleId : A4CE8DL

Tgt Ion:202 Resp: 95270

Ion	Ratio	Lower	Upper
202	100		
101	12.1	8.8	13.2
100	9.0	6.4	9.6

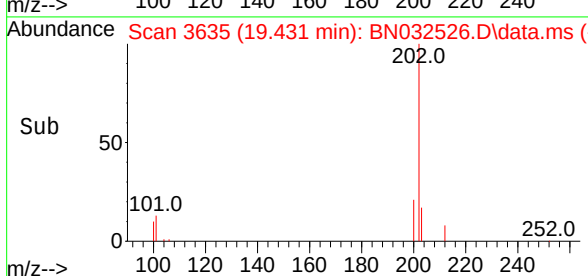
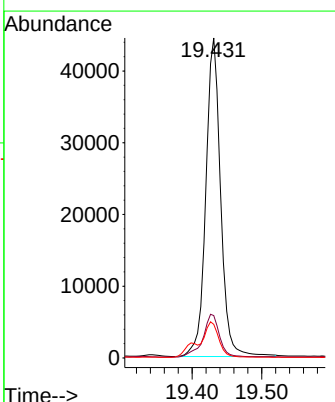
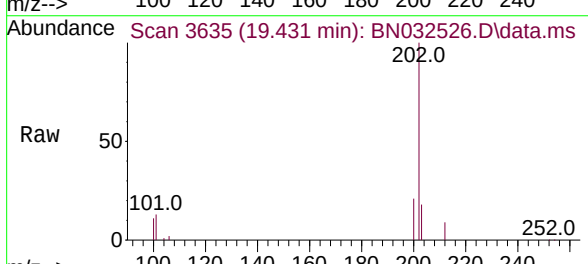
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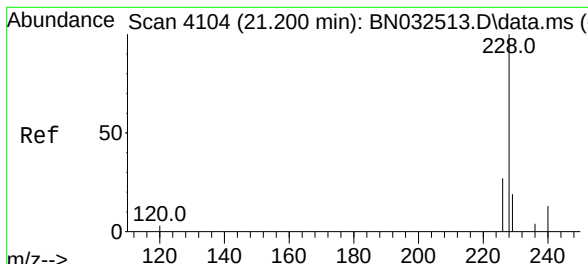


#20
 Pyrene
 Concen: 1.036 ng/ul
 RT: 19.431 min Scan# 3635
 Delta R.T. -0.009 min
 Lab File: BN032526.D
 Acq: 06 Jul 2024 02:09

Tgt Ion:202 Resp: 65684

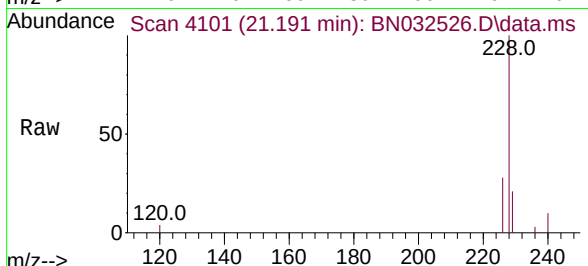
Ion	Ratio	Lower	Upper
202	100		
101	13.2	11.0	16.4
100	10.5	8.7	13.1





#21
Benzo(a)anthracene
Concen: 0.764 ng/ul
RT: 21.191 min Scan# 4110
Delta R.T. -0.000 min
Lab File: BN032526.D
Acq: 06 Jul 2024 02:09

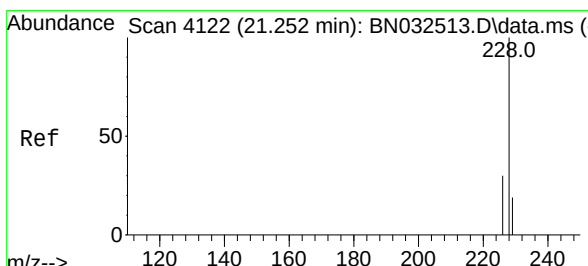
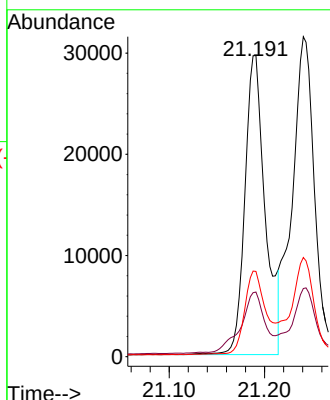
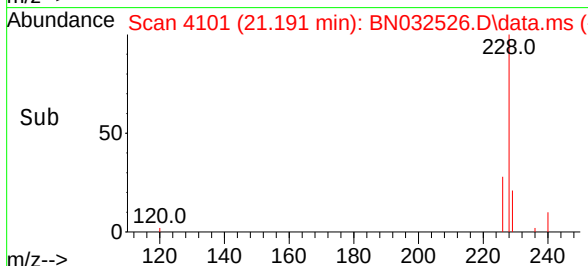
Instrument :
BNA_N
ClientSampleId :
A4CE8DL



Tgt Ion:228 Resp: 43904
Ion Ratio Lower Upper
228 100
229 21.5 15.7 23.5
226 28.3 21.8 32.8

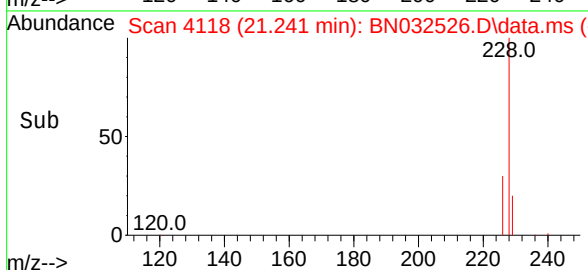
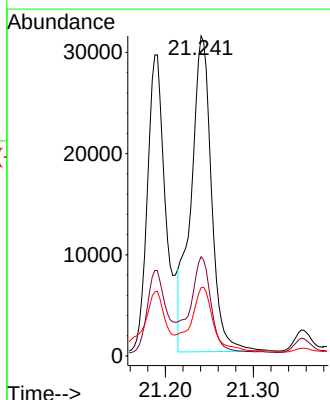
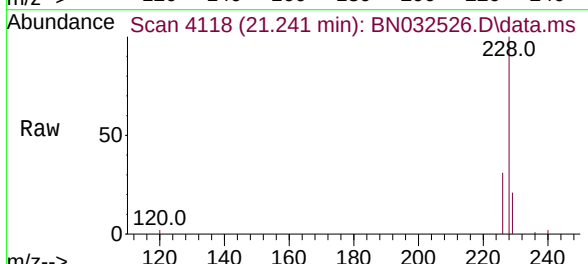
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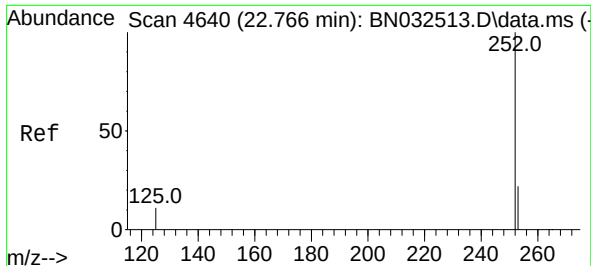
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#22
Chrysene
Concen: 0.808 ng/ul
RT: 21.241 min Scan# 4118
Delta R.T. -0.003 min
Lab File: BN032526.D
Acq: 06 Jul 2024 02:09

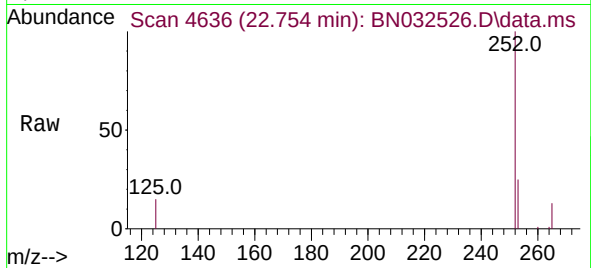
Tgt Ion:228 Resp: 51005
Ion Ratio Lower Upper
228 100
226 31.0 23.6 35.4
229 21.3 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.944 ng/ul m
RT: 22.754 min Scan# 4636
Delta R.T. -0.003 min
Lab File: BN032526.D
Acq: 06 Jul 2024 02:09

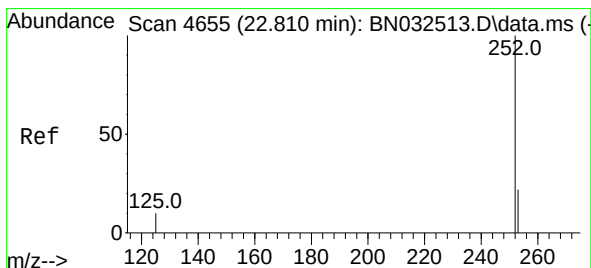
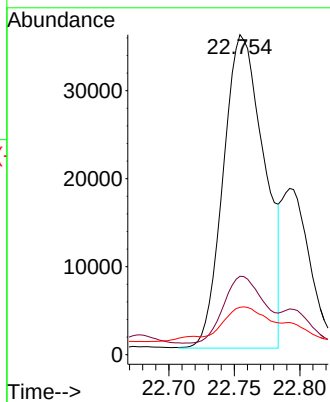
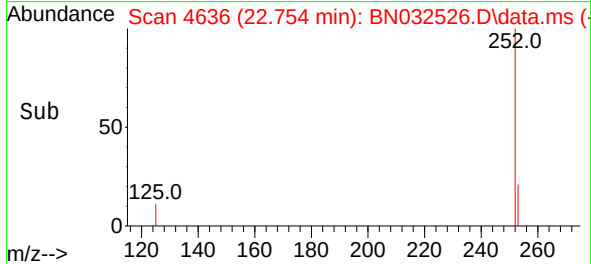
Instrument :
BNA_N
ClientSampleId :
A4CE8DL



Tgt Ion:252 Resp: 7775
Ion Ratio Lower Upper
252 100
253 24.5 0.0 50.2
125 14.8 0.0 32.0

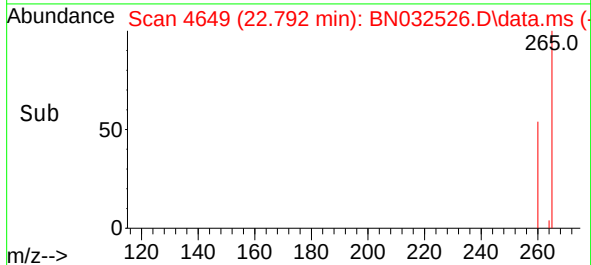
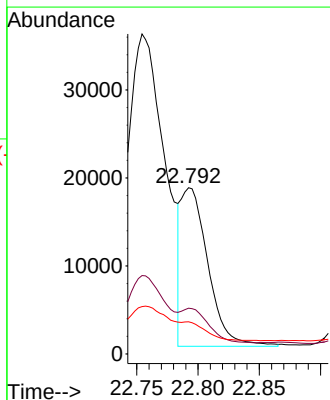
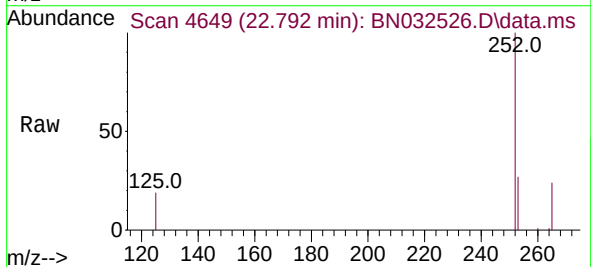
Manual Integrations
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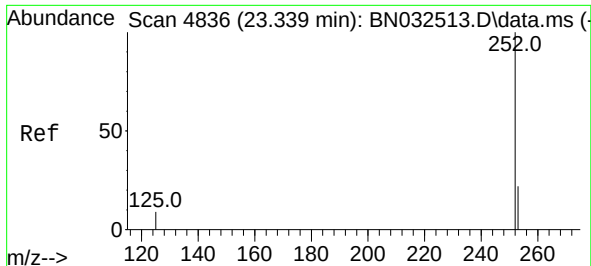
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#25
Benzo(k)fluoranthene
Concen: 0.344 ng/ul m
RT: 22.792 min Scan# 4649
Delta R.T. -0.009 min
Lab File: BN032526.D
Acq: 06 Jul 2024 02:09

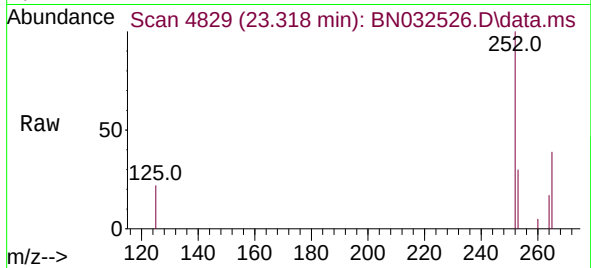
Tgt Ion:252 Resp: 27561
Ion Ratio Lower Upper
252 100
253 27.5 20.3 30.5
125 19.4 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.431 ng/ul
RT: 23.318 min Scan# 4829
Delta R.T. -0.009 min
Lab File: BN032526.D
Acq: 06 Jul 2024 02:09

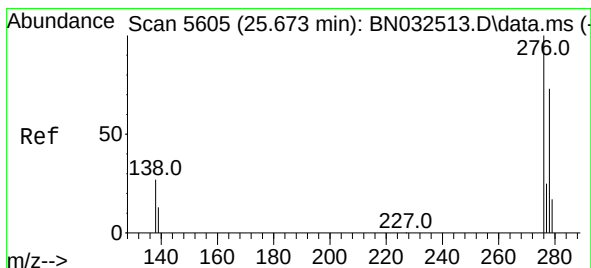
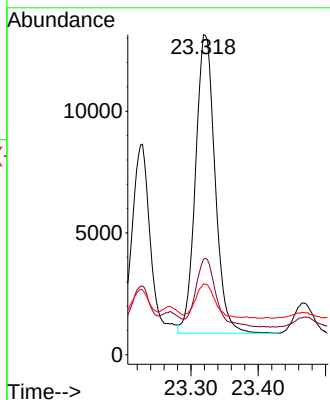
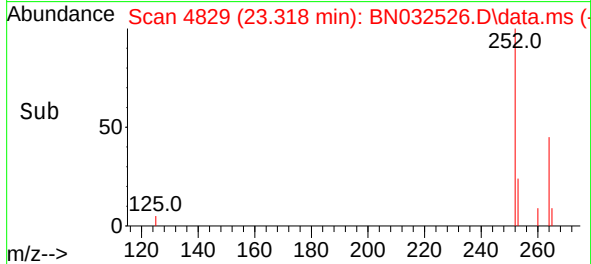
Instrument :
BNA_N
ClientSampleId :
A4CE8DL



Tgt Ion:252 Resp: 24730
Ion Ratio Lower Upper
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253 29.8 22.2 33.2
125 22.1 16.4 24.6

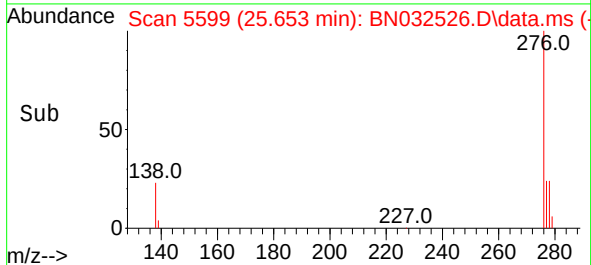
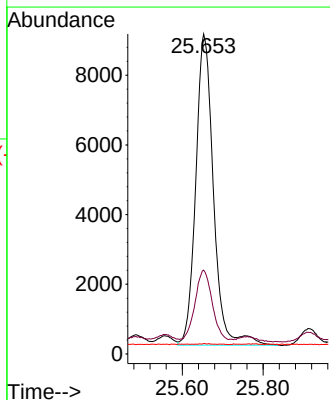
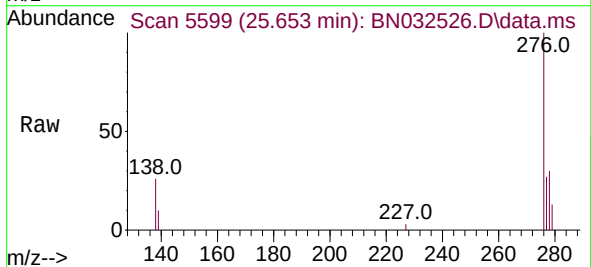
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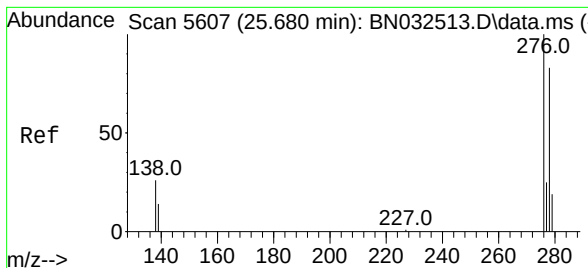
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.303 ng/ul
RT: 25.653 min Scan# 5599
Delta R.T. -0.007 min
Lab File: BN032526.D
Acq: 06 Jul 2024 02:09

Tgt Ion:276 Resp: 27164
Ion Ratio Lower Upper
276 100
138 22.0 21.3 31.9
227 0.2 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.133 ng/ul

RT: 25.653 min Scan# 51

Delta R.T. -0.014 min

Lab File: BN032526.D

Acq: 06 Jul 2024 02:09

Instrument :

BNA_N

ClientSampleId :

A4CE8DL

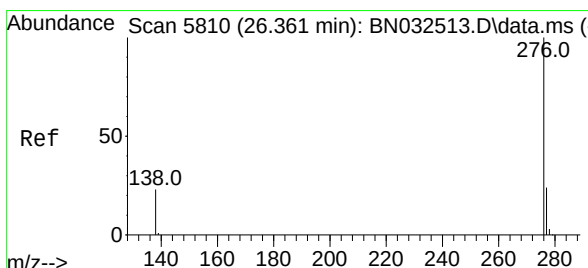
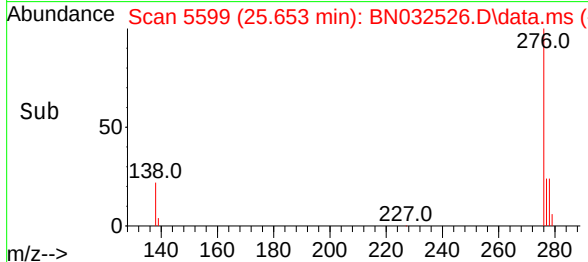
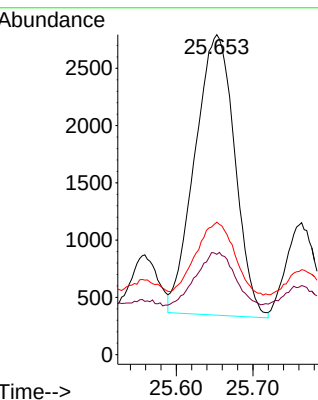
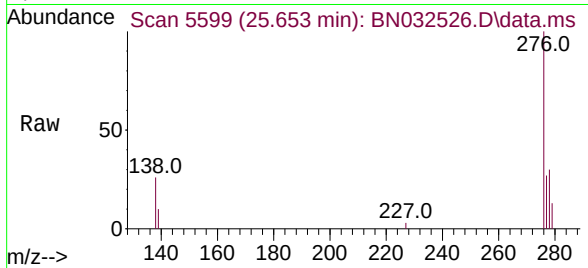
Tgt Ion:	278	Resp:	886
Ion Ratio	Lower	Upper	
278	100		
139	31.4	15.9	23.9
279	41.4	21.1	31.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#29

Benzo(g,h,i)perylene

Concen: 0.052 ng/ul

RT: 26.347 min Scan# 5806

Delta R.T. 0.003 min

Lab File: BN032526.D

Acq: 06 Jul 2024 02:09

Tgt Ion:	276	Resp:	3703
Ion Ratio	Lower	Upper	
276	100		
138	44.5	19.8	29.6
277	42.7	19.8	29.6

