

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032828.D
 Acq On : 18 Jul 2024 21:39
 Operator : MA/JU
 Sample : P3100-19DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D32DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 18 23:33:01 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 : Wed Jul 17 02:35:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.536	152	4184	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.310	136	12953	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.188	164	7582	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.944	188	15052	0.400	ng/ul	-0.02
17) Chrysene-d12	21.162	240	14123	0.400	ng/ul	#-0.01
23) Perylene-d12	23.351	264	15727m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	4496	0.895	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.922	152	1051	0.054	ng/ul	-0.01
18) Fluoranthene-d10	18.985	212	2211	0.048	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.360	128	738	0.021	ng/ul#	65
10) Acenaphthylene	13.906	152	2702	0.088	ng/ul#	91
11) Acenaphthene	14.248	153	890	0.035	ng/ul	96
12) Fluorene	15.243	166	1100	0.038	ng/ul#	96
15) Phenanthrene	16.986	178	25635	0.625	ng/ul	99
16) Anthracene	17.083	178	5708	0.170	ng/ul#	94
19) Fluoranthene	19.017	202	71979	1.254	ng/ul	98
20) Pyrene	19.384	202	63909	1.075	ng/ul	96
21) Benzo(a)anthracene	21.144	228	37025	0.824	ng/ul	98
22) Chrysene	21.197	228	36322	0.559	ng/ul	97
24) Benzo(b)fluoranthene	22.696	252	53336m	0.961	ng/ul	
25) Benzo(k)fluoranthene	22.731	252	20935m	0.310	ng/ul	
26) Benzo(a)pyrene	23.251	252	36715	0.765	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.559	276	28022	0.431	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.556	278	6764	0.134	ng/ul#	69
29) Benzo(g,h,i)perylene	26.240	276	28226	0.519	ng/ul	98

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

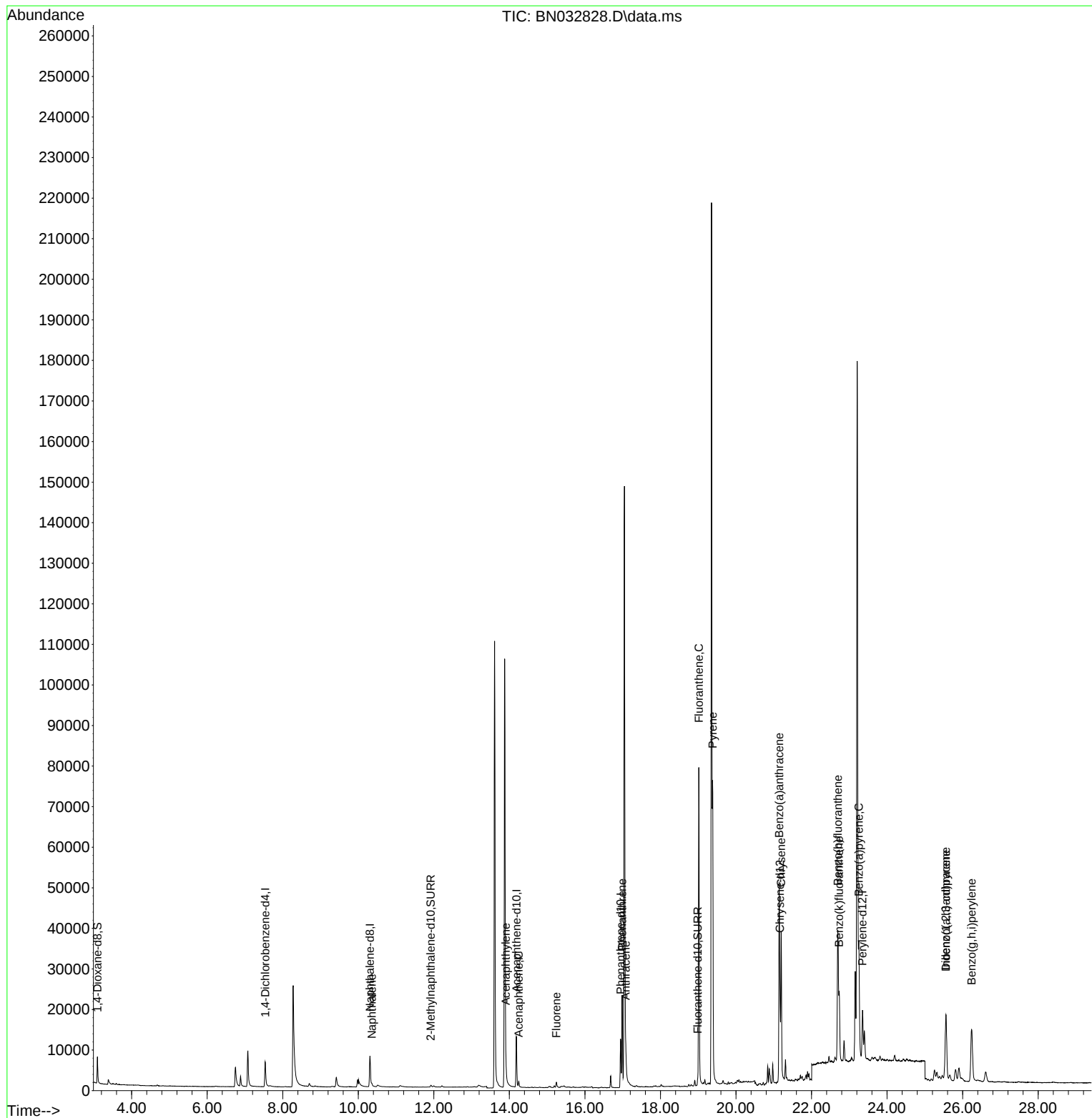
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032828.D
Acq On : 18 Jul 2024 21:39
Operator : MA/JU
Sample : P3100-19DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

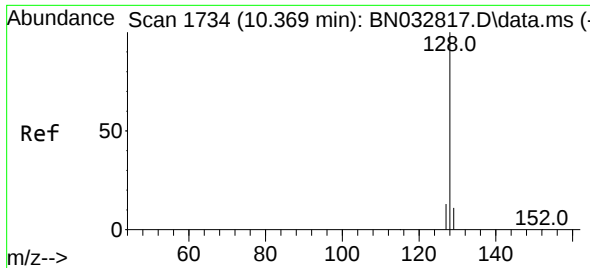
Instrument :
BNA_N
ClientSampleId :
A4D32DL

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Supervised By :mohammad ahmed 07/19/2024

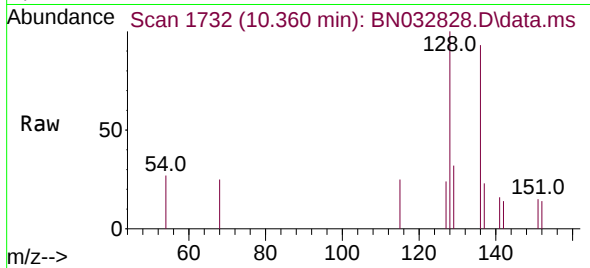
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.360 min Scan# 1734
Delta R.T. -0.011 min
Lab File: BN032828.D
Acq: 18 Jul 2024 21:39

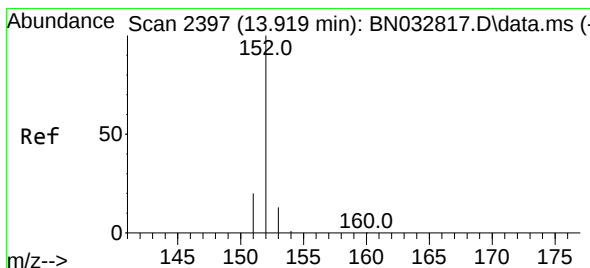
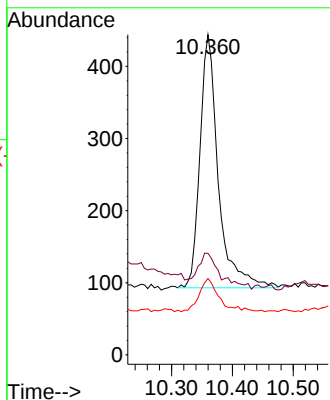
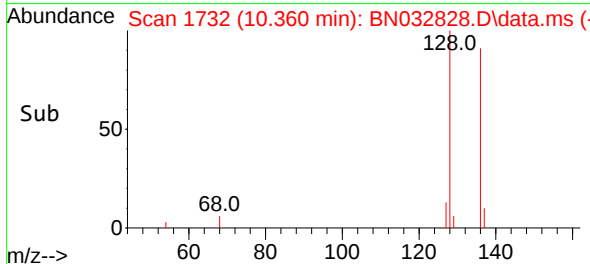
Instrument :
BNA_N
ClientSampleId :
A4D32DL



Tgt Ion:128 Resp: 738
Ion Ratio Lower Upper
128 100
129 31.8 10.0 15.0#
127 23.9 11.6 17.4#

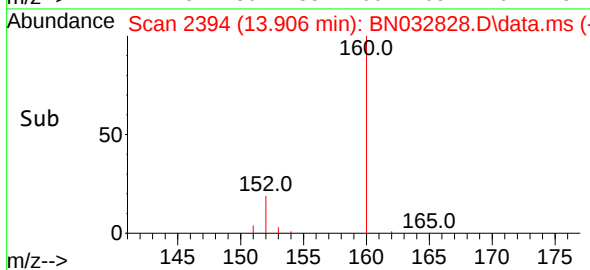
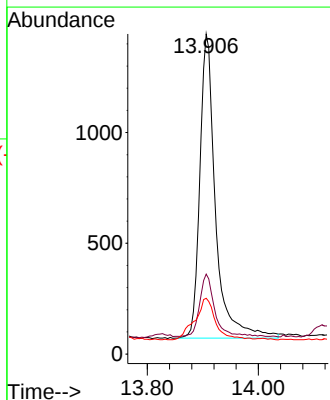
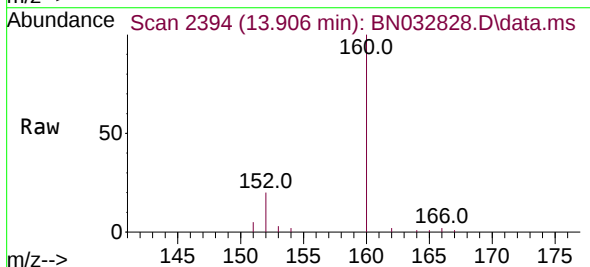
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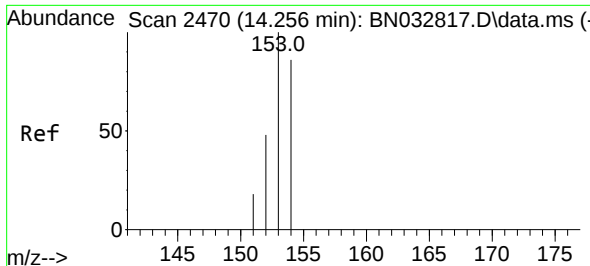
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#10
Acenaphthylene
Concen: 0.088 ng/ul
RT: 13.906 min Scan# 2394
Delta R.T. -0.014 min
Lab File: BN032828.D
Acq: 18 Jul 2024 21:39

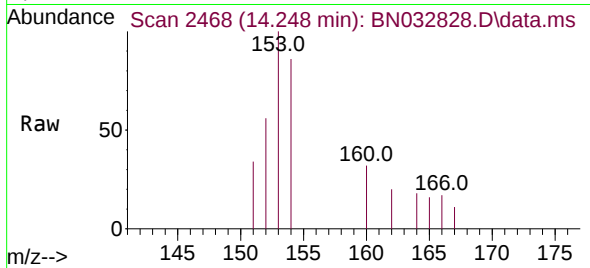
Tgt Ion:152 Resp: 2702
Ion Ratio Lower Upper
152 100
151 25.0 16.3 24.5#
153 17.4 11.3 16.9#





#11
Acenaphthene
Concen: 0.035 ng/u1
RT: 14.248 min Scan# 2470
Delta R.T. -0.009 min
Lab File: BN032828.D
Acq: 18 Jul 2024 21:39

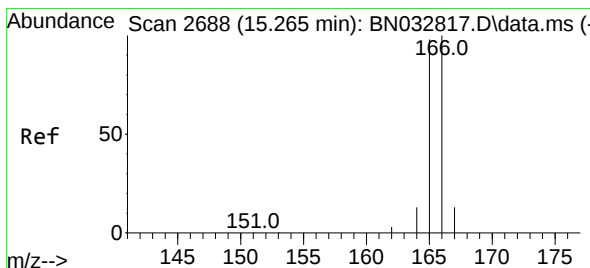
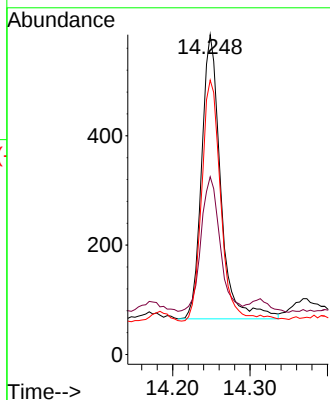
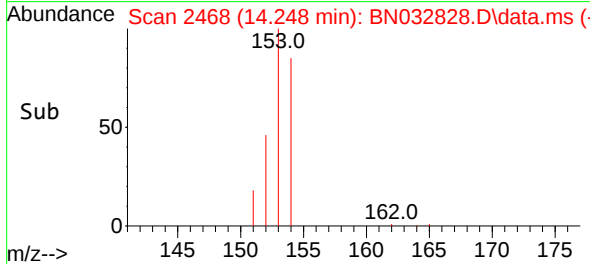
Instrument :
BNA_N
ClientSampleId :
A4D32DL



Tgt Ion:153 Resp: 890
Ion Ratio Lower Upper
153 100
152 55.6 40.0 60.0
154 85.8 70.2 105.4

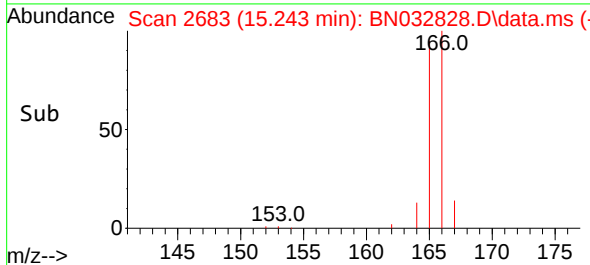
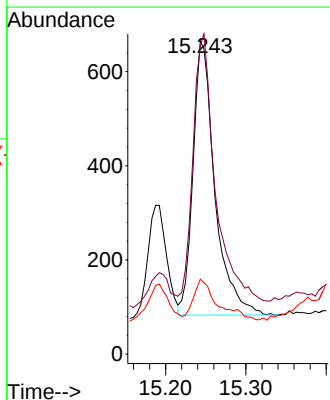
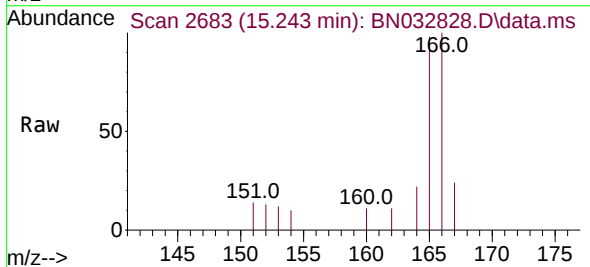
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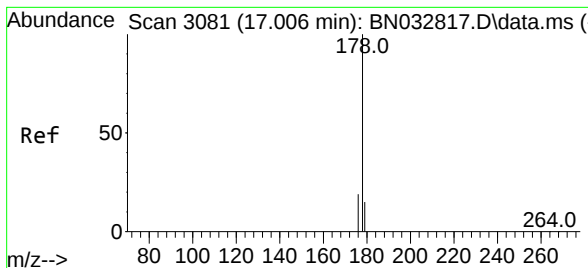
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#12
Fluorene
Concen: 0.038 ng/u1
RT: 15.243 min Scan# 2683
Delta R.T. -0.023 min
Lab File: BN032828.D
Acq: 18 Jul 2024 21:39

Tgt Ion:166 Resp: 1100
Ion Ratio Lower Upper
166 100
165 98.3 79.7 119.5
167 23.9 11.4 17.2#





#15

Phenanthrene

Concen: 0.625 ng/ul

RT: 16.986 min Scan# 3076

Delta R.T. -0.021 min

Lab File: BN032828.D

Acq: 18 Jul 2024 21:39

Instrument :

BNA_N

ClientSampleId :

A4D32DL

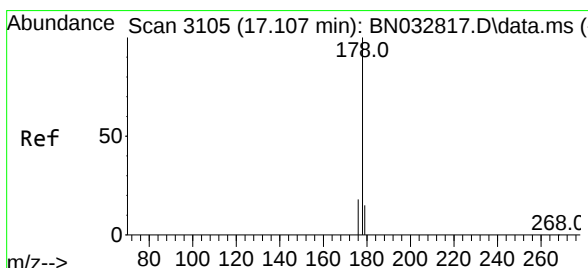
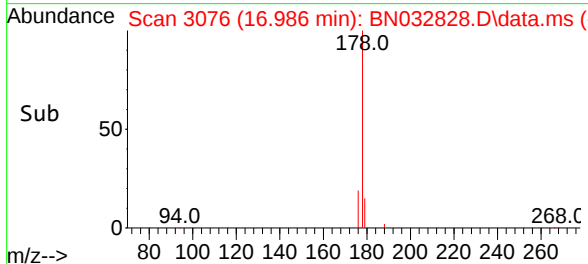
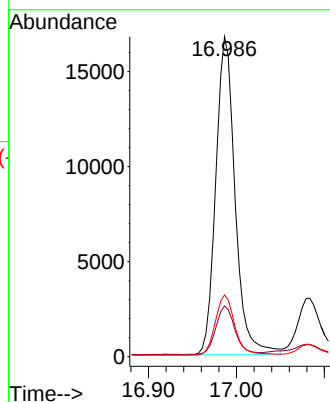
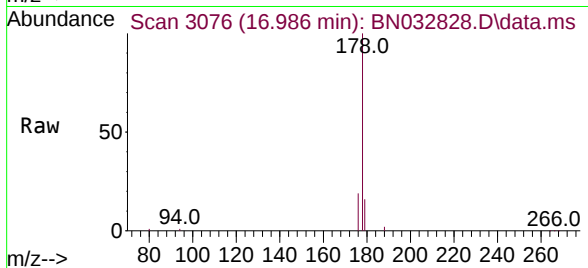
Tgt Ion:178	Resp:	2563
Ion Ratio	Lower	Upper
178	100	
179	15.9	13.0 19.4
176	19.3	15.6 23.4

Manual Integrations

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Reviewed By :Yogesh Patel 07/19/2024

Supervised By :mohammad ahmed 07/19/2024



#16

Anthracene

Concen: 0.170 ng/ul

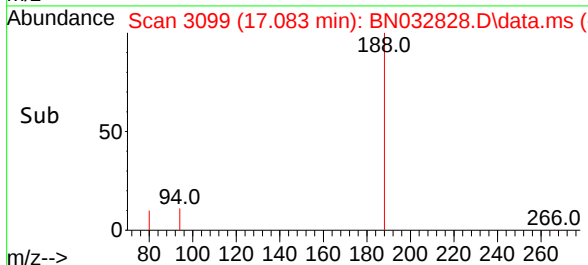
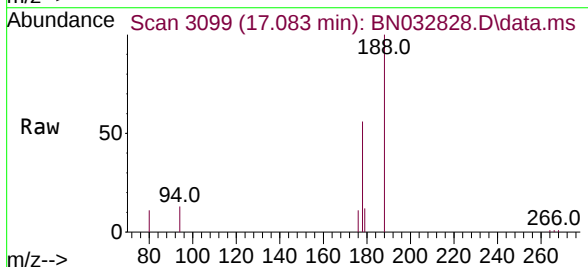
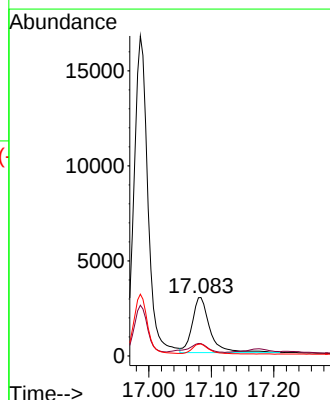
RT: 17.083 min Scan# 3099

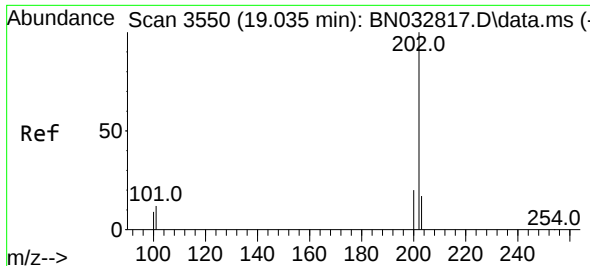
Delta R.T. -0.021 min

Lab File: BN032828.D

Acq: 18 Jul 2024 21:39

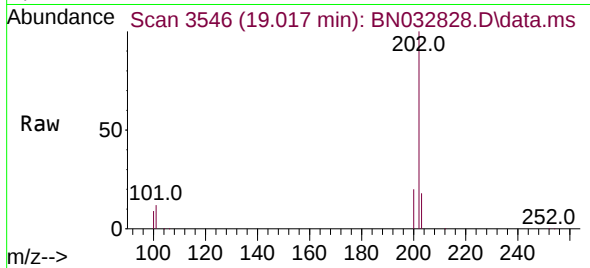
Tgt Ion:178	Resp:	5708
Ion Ratio	Lower	Upper
178	100	
179	21.1	13.4 20.2
176	20.5	15.4 23.0





#19
Fluoranthene
Concen: 1.254 ng/ul
RT: 19.017 min Scan# 3546
Delta R.T. -0.014 min
Lab File: BN032828.D
Acq: 18 Jul 2024 21:39

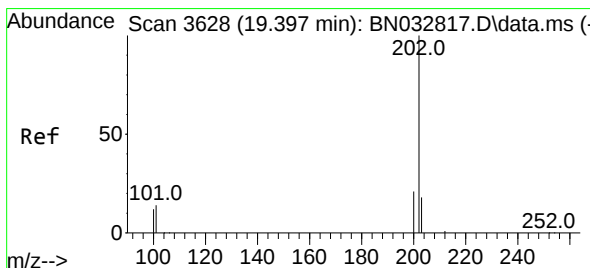
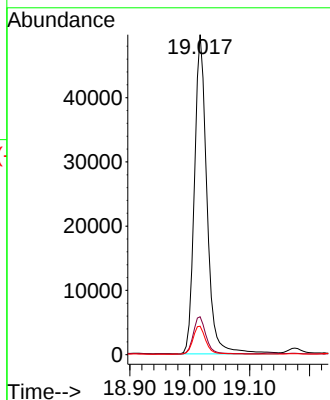
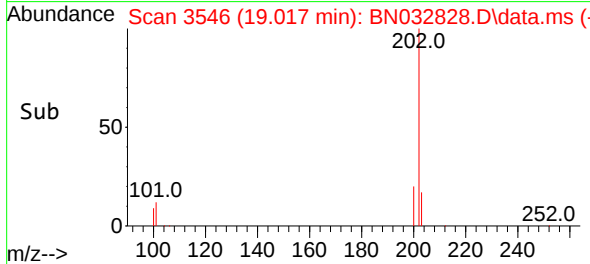
Instrument :
BNA_N
ClientSampleId :
A4D32DL



Tgt Ion:202 Resp: 71979
Ion Ratio Lower Upper
202 100
101 11.9 9.8 14.8
100 8.9 7.9 11.9

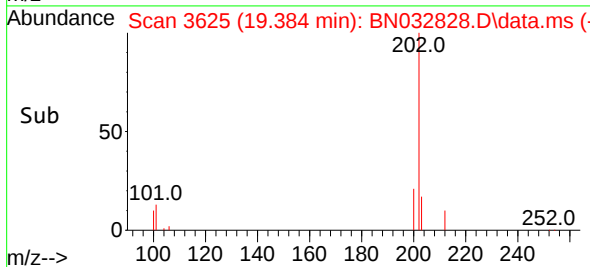
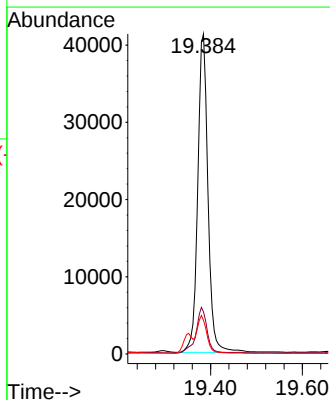
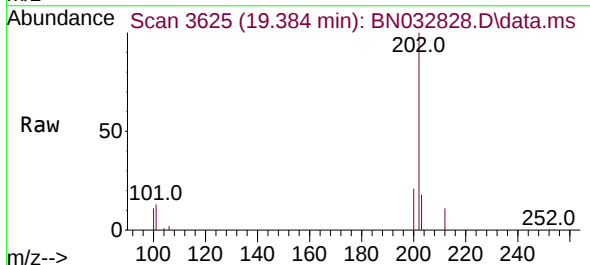
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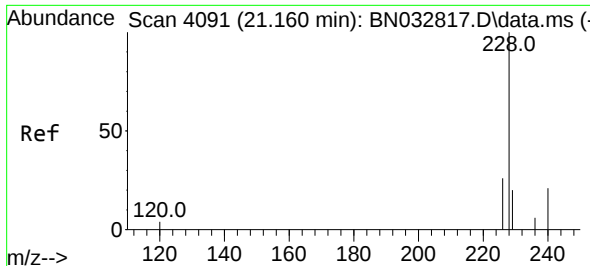
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#20
Pyrene
Concen: 1.075 ng/ul
RT: 19.384 min Scan# 3625
Delta R.T. -0.014 min
Lab File: BN032828.D
Acq: 18 Jul 2024 21:39

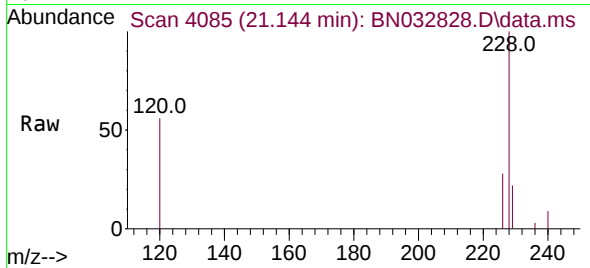
Tgt Ion:202 Resp: 63909
Ion Ratio Lower Upper
202 100
101 13.2 11.8 17.6
100 10.6 9.6 14.4





#21
Benzo(a)anthracene
Concen: 0.824 ng/uI
RT: 21.144 min Scan# 4085
Delta R.T. -0.015 min
Lab File: BN032828.D
Acq: 18 Jul 2024 21:39

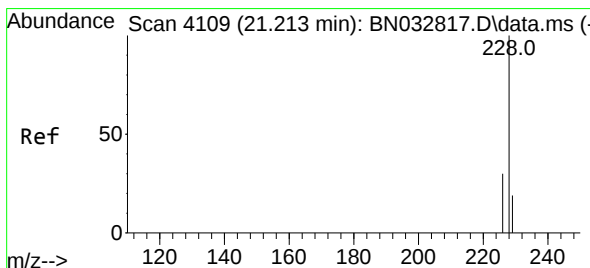
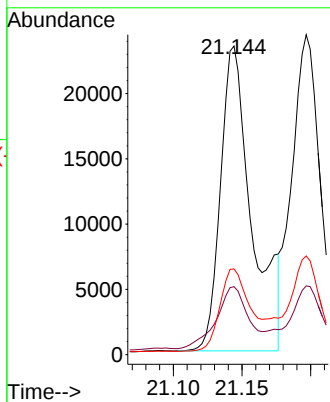
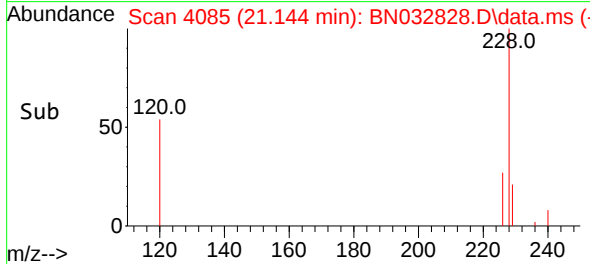
Instrument :
BNA_N
ClientSampleId :
A4D32DL



Tgt Ion:228 Resp: 37025
Ion Ratio Lower Upper
228 100
229 22.0 16.1 24.1
226 27.8 21.9 32.9

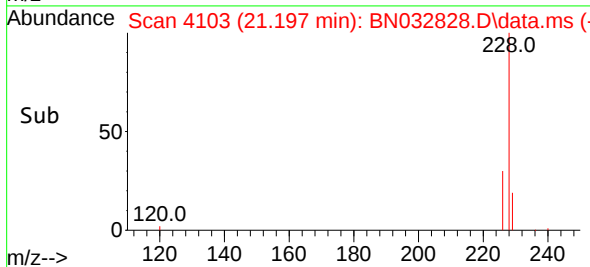
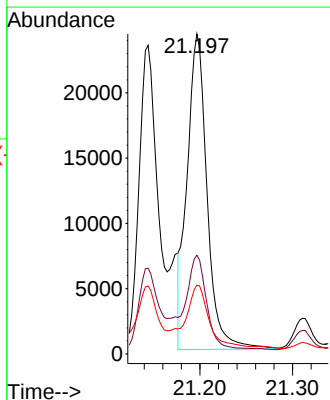
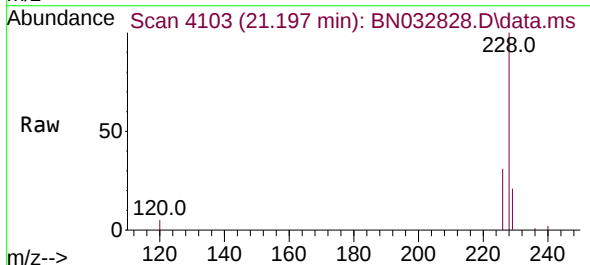
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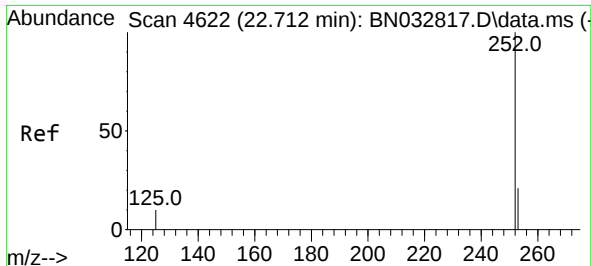
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#22
Chrysene
Concen: 0.559 ng/uI
RT: 21.197 min Scan# 4103
Delta R.T. -0.015 min
Lab File: BN032828.D
Acq: 18 Jul 2024 21:39

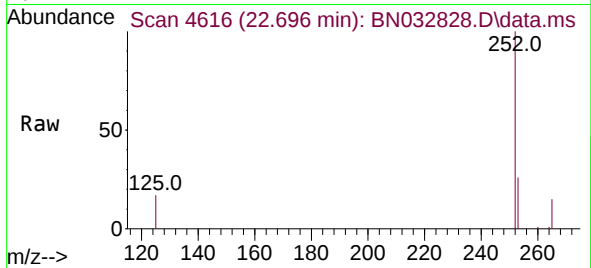
Tgt Ion:228 Resp: 36322
Ion Ratio Lower Upper
228 100
226 30.9 24.0 36.0
229 21.5 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.961 ng/ul m
RT: 22.696 min Scan# 4616
Delta R.T. -0.015 min
Lab File: BN032828.D
Acq: 18 Jul 2024 21:39

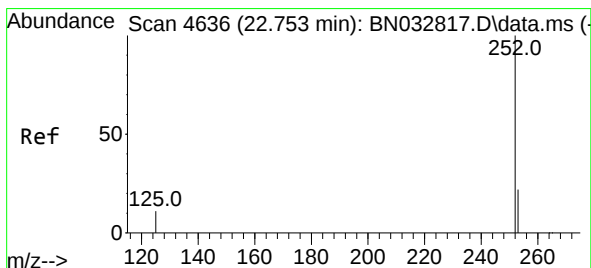
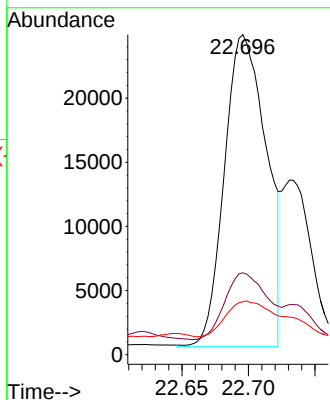
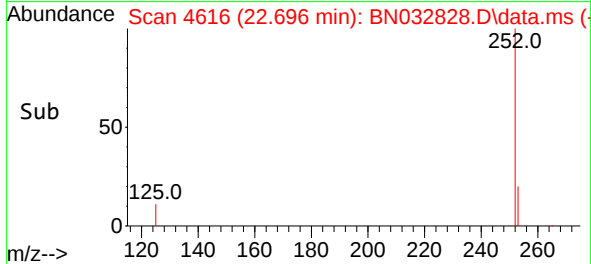
Instrument :
BNA_N
ClientSampleId :
A4D32DL



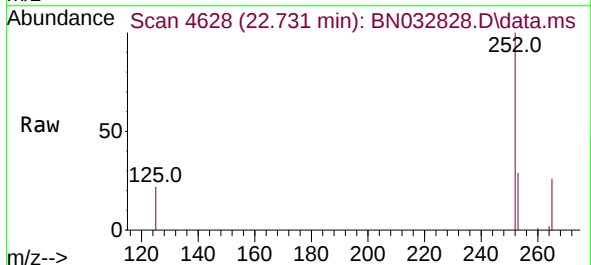
Tgt Ion:252 Resp: 53336
Ion Ratio Lower Upper
252 100
253 25.6 0.0 54.0
125 16.6 0.0 36.0

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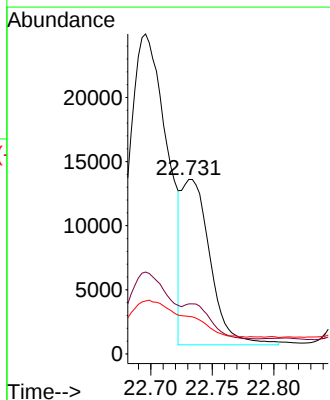
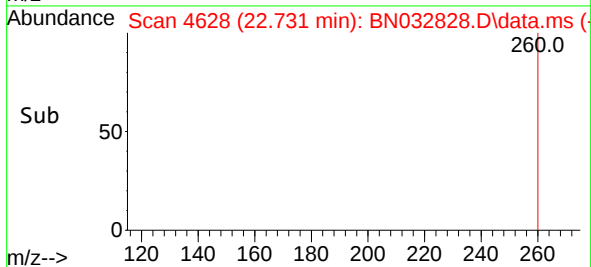
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024

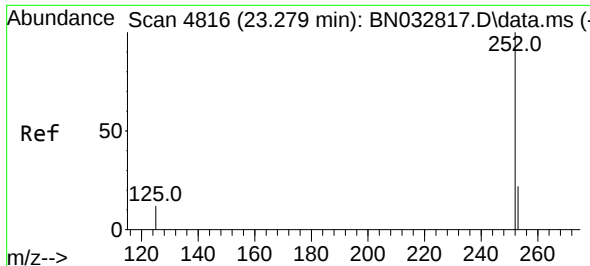


#25
Benzo(k)fluoranthene
Concen: 0.310 ng/ul m
RT: 22.731 min Scan# 4628
Delta R.T. -0.024 min
Lab File: BN032828.D
Acq: 18 Jul 2024 21:39



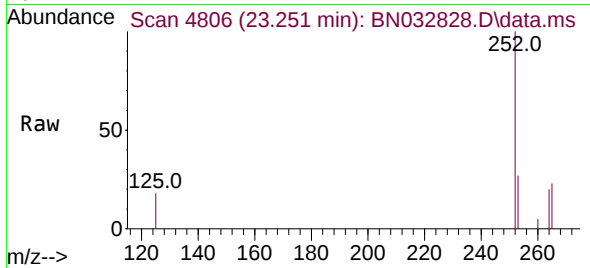
Tgt Ion:252 Resp: 20935
Ion Ratio Lower Upper
252 100
253 28.7 21.2 31.8
125 21.6 14.8 22.2





#26
Benzo(a)pyrene
Concen: 0.765 ng/ul
RT: 23.251 min Scan# 4806
Delta R.T. -0.027 min
Lab File: BN032828.D
Acq: 18 Jul 2024 21:39

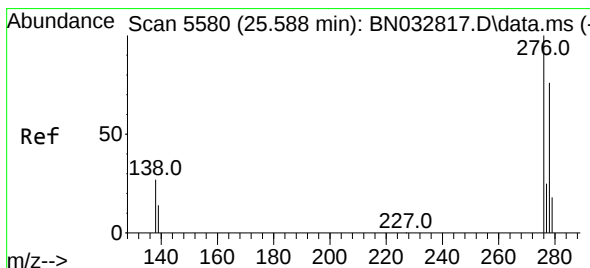
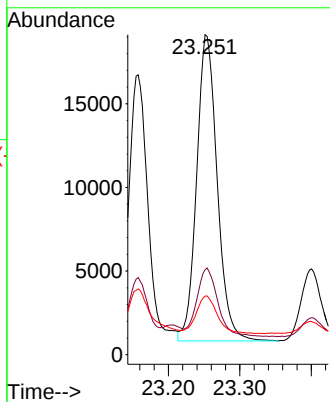
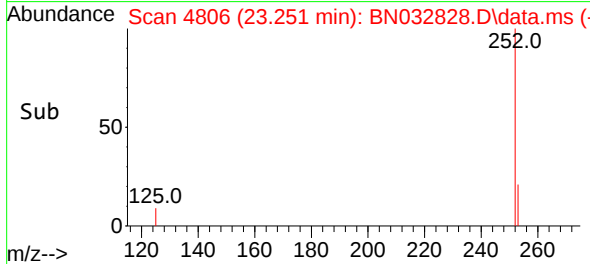
Instrument :
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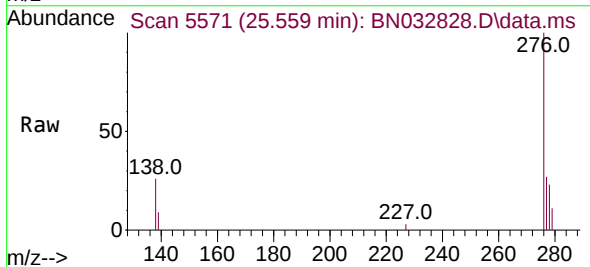
Tgt Ion:252 Resp: 36715
Ion Ratio Lower Upper
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125 18.3 20.6 30.8

Manual Integrations
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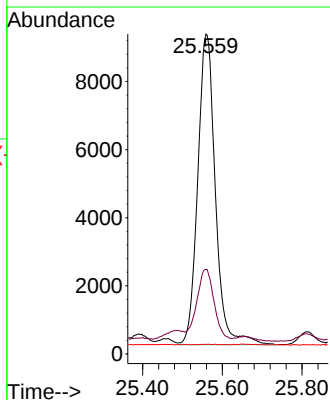
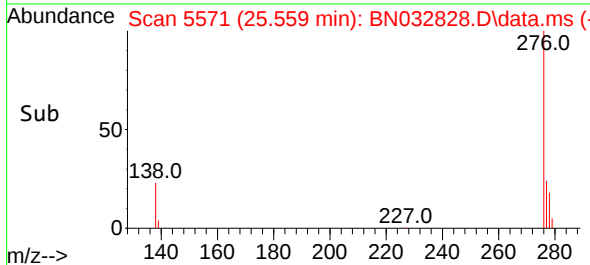
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024

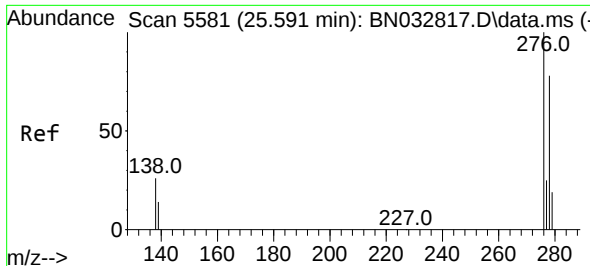


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.431 ng/ul
RT: 25.559 min Scan# 5571
Delta R.T. -0.024 min
Lab File: BN032828.D
Acq: 18 Jul 2024 21:39



Tgt Ion:276 Resp: 28022
Ion Ratio Lower Upper
276 100
138 22.7 21.6 32.4
227 0.1 0.0 0.0





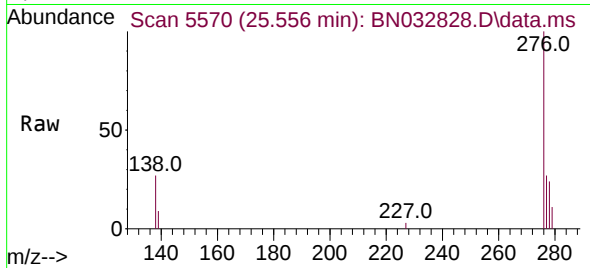
#28
Dibenzo(a,h)anthracene
Concen: 0.134 ng/ul
RT: 25.556 min Scan# 51
Delta R.T. -0.034 min
Lab File: BN032828.D
Acq: 18 Jul 2024 21:39

Instrument :

BNA_N

ClientSampleId :

A4D32DL



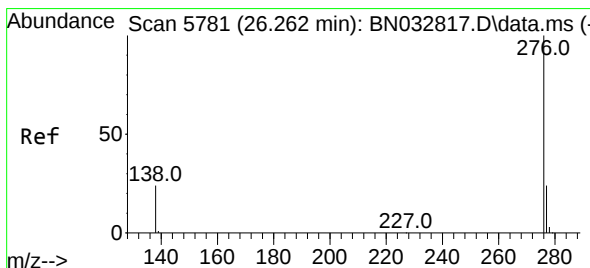
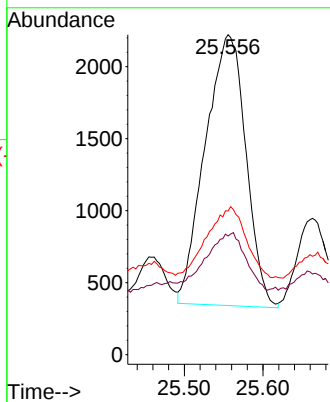
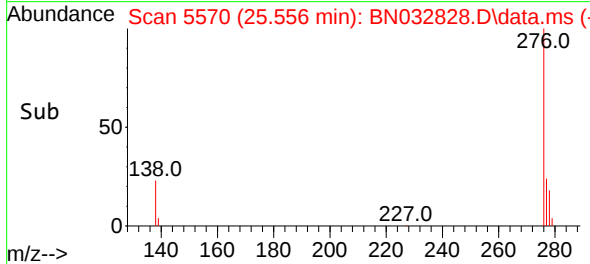
Tgt Ion:278 Resp: 6764
Ion Ratio Lower Upper
278 100
139 37.1 16.6 24.8
279 44.9 23.7 35.5

Manual Integrations

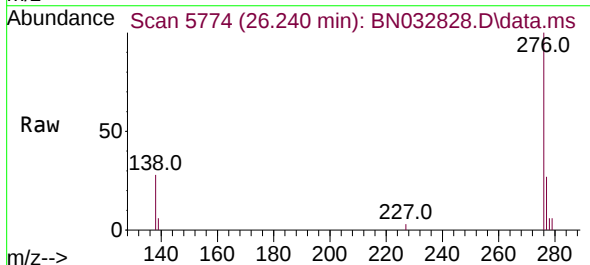
APPROVED

Reviewed By :Yogesh Patel 07/19/2024

Supervised By :mohammad ahmed 07/19/2024



#29
Benzo(g,h,i)perylene
Concen: 0.519 ng/ul
RT: 26.240 min Scan# 5774
Delta R.T. -0.020 min
Lab File: BN032828.D
Acq: 18 Jul 2024 21:39



Tgt Ion:276 Resp: 28226
Ion Ratio Lower Upper
276 100
138 27.6 21.0 31.4
277 26.6 20.6 31.0

