

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032693.D
 Acq On : 13 Jul 2024 04:15
 Operator : MA/JU
 Sample : P3035-20DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CB8DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 13 04:44:26 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 : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	5616	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.327	136	16451	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.202	164	8529	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.961	188	15483	0.400	ng/ul	-0.03
17) Chrysene-d12	21.168	240	14040	0.400	ng/ul	-0.03
23) Perylene-d12	23.362	264	15811m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	4071	0.604	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.944	152	850	0.034	ng/ul	-0.03
18) Fluoranthene-d10	18.999	212	1635	0.036	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.376	128	1032	0.023	ng/ul#	73
10) Acenaphthylene	13.920	152	2468	0.072	ng/ul#	90
11) Acenaphthene	14.262	153	2095	0.074	ng/ul	97
12) Fluorene	15.262	166	2579	0.079	ng/ul#	99
15) Phenanthrene	16.999	178	48461	1.149	ng/ul	99
16) Anthracene	17.096	178	10682	0.310	ng/ul	97
19) Fluoranthene	19.027	202	95930	1.681	ng/ul	99
20) Pyrene	19.394	202	68662	1.162	ng/ul	98
21) Benzo(a)anthracene	21.153	228	45733	1.023	ng/ul	99
22) Chrysene	21.206	228	42864	0.663	ng/ul	98
24) Benzo(b)fluoranthene	22.705	252	61695m	1.106	ng/ul	
25) Benzo(k)fluoranthene	22.743	252	21688m	0.319	ng/ul	
26) Benzo(a)pyrene	23.263	252	23353	0.484	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.569	276	21711	0.332	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.569	278	6695	0.132	ng/ul#	75
29) Benzo(g,h,i)perylene	26.256	276	2910	0.053	ng/ul#	62

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

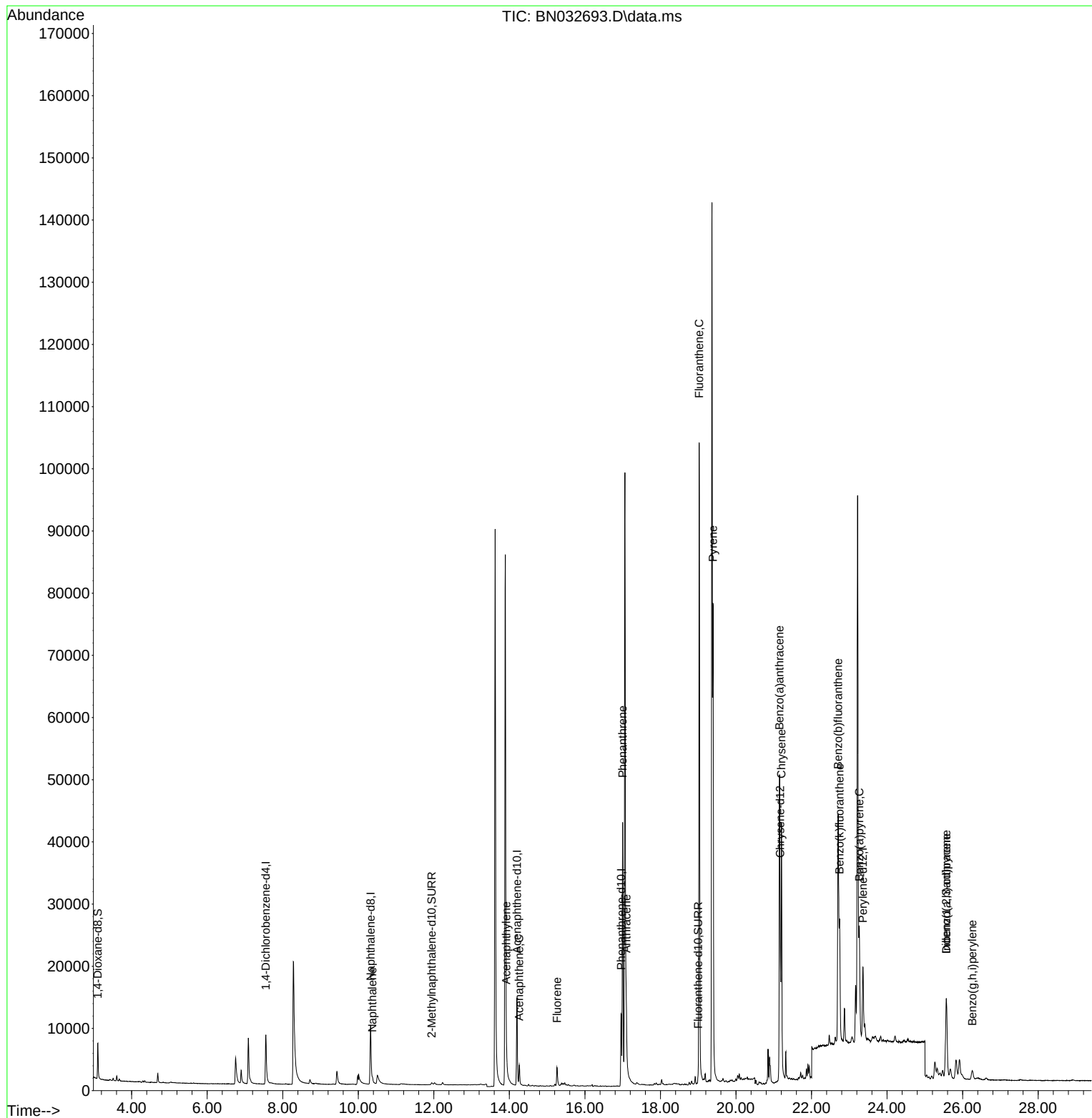
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032693.D
Acq On : 13 Jul 2024 04:15
Operator : MA/JU
Sample : P3035-20DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

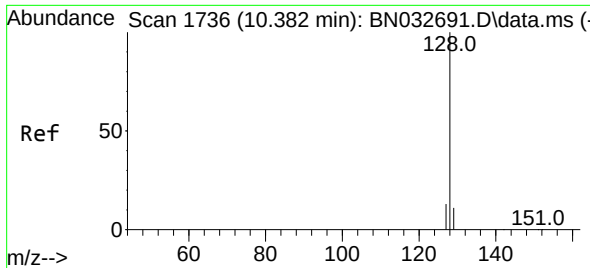
Instrument :
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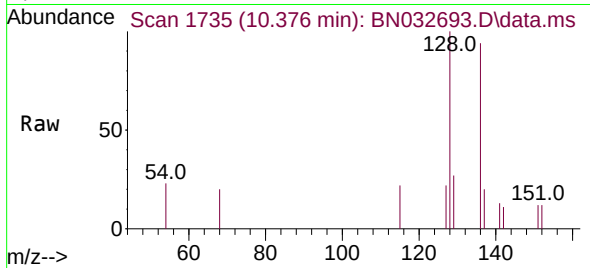
Quant Time: Jul 13 04:44:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.023 ng/u1
RT: 10.376 min Scan# 11
Delta R.T. -0.033 min
Lab File: BN032693.D
Acq: 13 Jul 2024 04:15

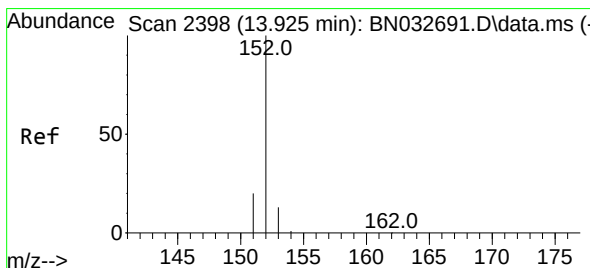
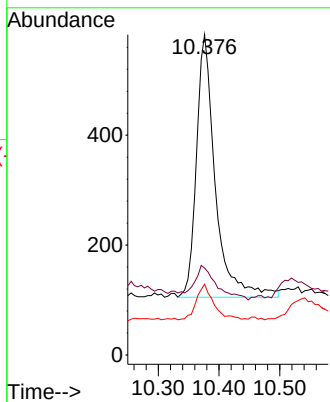
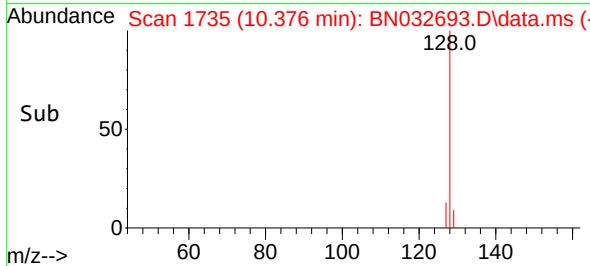
Instrument :
BNA_N
ClientSampleId :
A4CB8DL



Tgt Ion:128 Resp: 1032
Ion Ratio Lower Upper
128 100
129 27.1 10.0 15.0
127 22.1 11.6 17.4

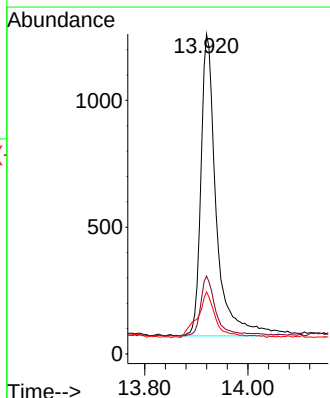
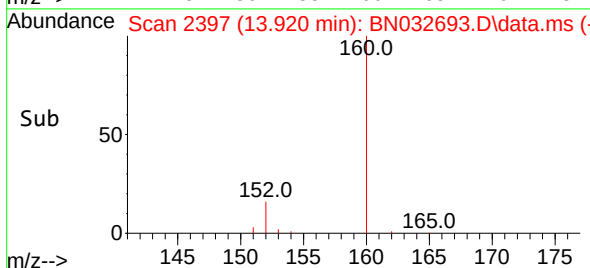
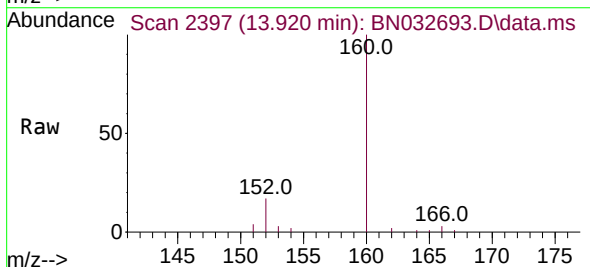
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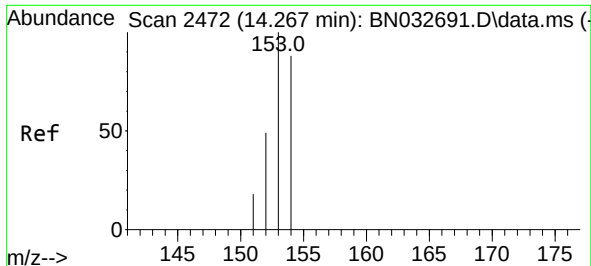
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#10
Acenaphthylene
Concen: 0.072 ng/u1
RT: 13.920 min Scan# 2397
Delta R.T. -0.023 min
Lab File: BN032693.D
Acq: 13 Jul 2024 04:15

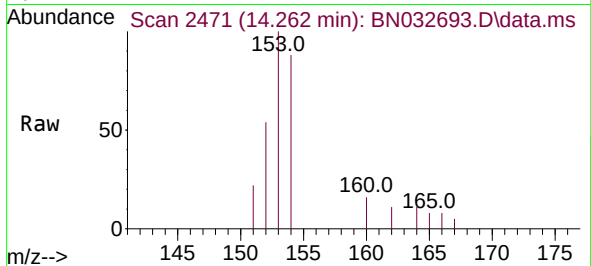
Tgt Ion:152 Resp: 2468
Ion Ratio Lower Upper
152 100
151 24.3 16.3 24.5
153 19.4 11.3 16.9





#11
Acenaphthene
Concen: 0.074 ng/ul
RT: 14.262 min Scan# 2472
Delta R.T. -0.019 min
Lab File: BN032693.D
Acq: 13 Jul 2024 04:15

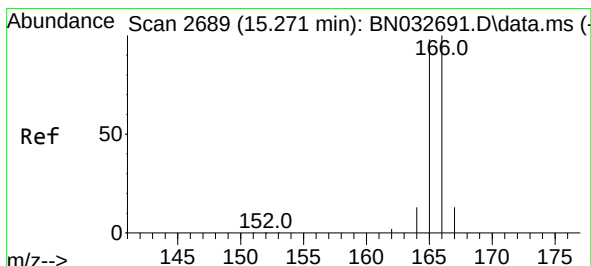
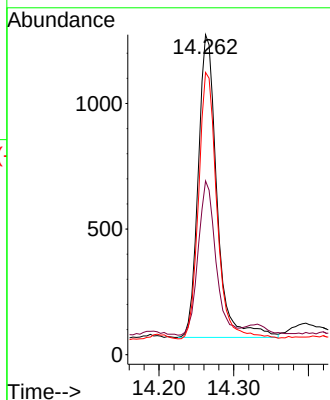
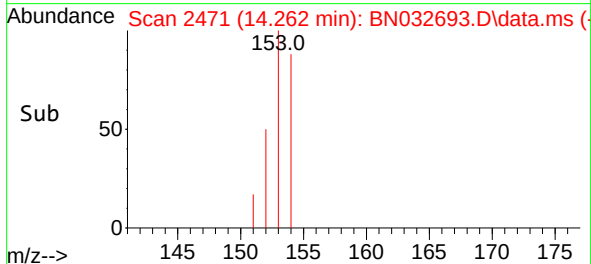
Instrument :
BNA_N
ClientSampleId :
A4CB8DL



Tgt Ion:153 Resp: 2098
Ion Ratio Lower Upper
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154 88.2 70.2 105.4

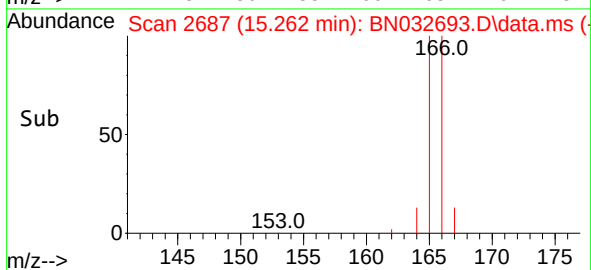
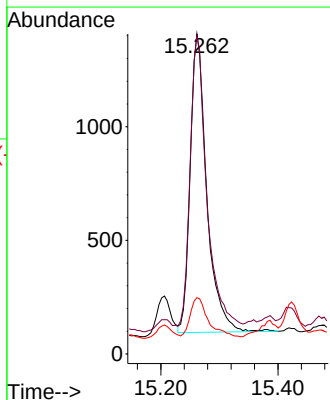
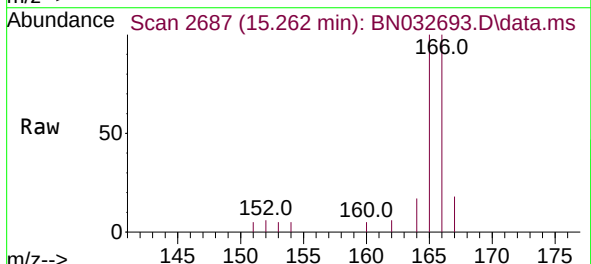
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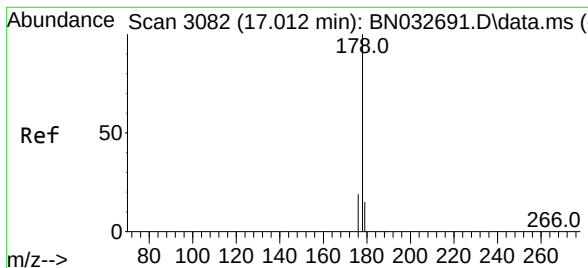
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#12
Fluorene
Concen: 0.079 ng/ul
RT: 15.262 min Scan# 2687
Delta R.T. -0.028 min
Lab File: BN032693.D
Acq: 13 Jul 2024 04:15

Tgt Ion:166 Resp: 2579
Ion Ratio Lower Upper
166 100
165 99.5 79.7 119.5
167 17.6 11.4 17.2#





#15

Phenanthrene

Concen: 1.149 ng/ul

RT: 16.999 min Scan# 3082

Delta R.T. -0.030 min

Lab File: BN032693.D

Acq: 13 Jul 2024 04:15

Instrument :

BNA_N

ClientSampleId :

A4CB8DL

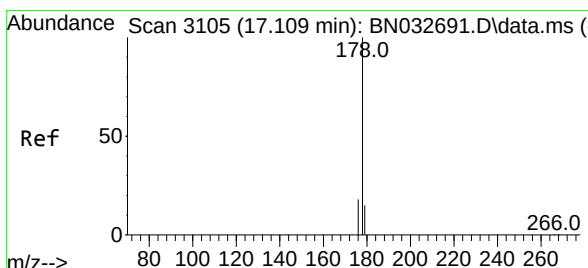
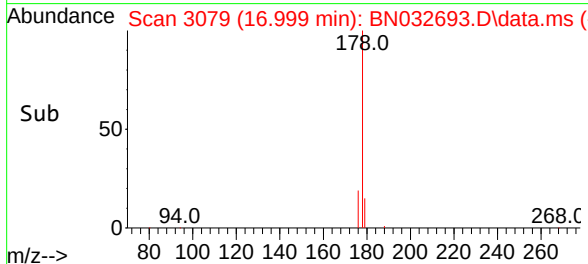
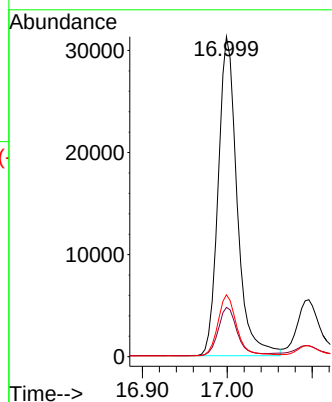
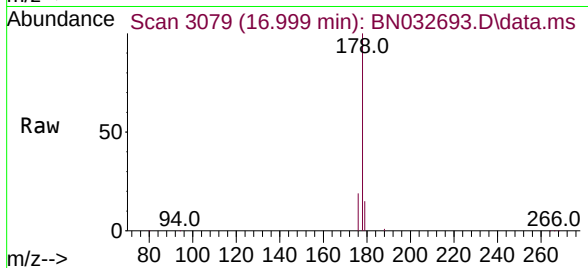
Tgt Ion:178	Resp:	4846
Ion Ratio	Lower	Upper
178	100	
179	15.4	13.0 19.4
176	19.3	15.6 23.4

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#16

Anthracene

Concen: 0.310 ng/ul

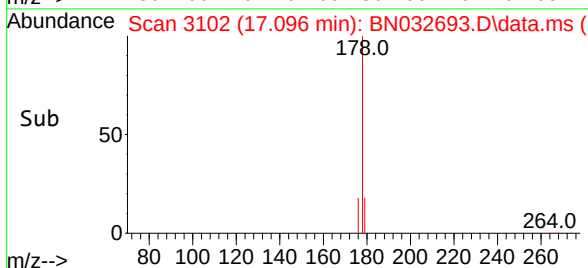
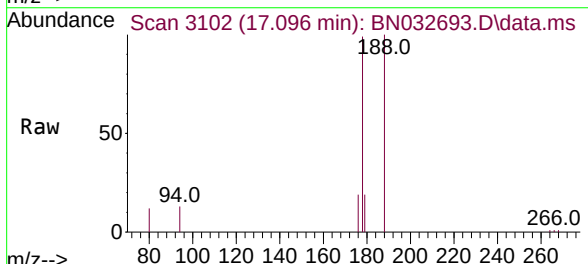
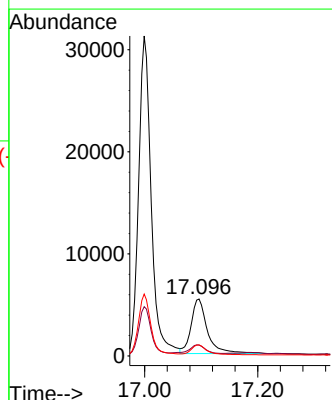
RT: 17.096 min Scan# 3102

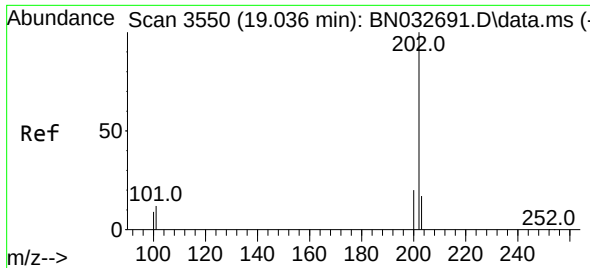
Delta R.T. -0.042 min

Lab File: BN032693.D

Acq: 13 Jul 2024 04:15

Tgt Ion:178	Resp:	10682
Ion Ratio	Lower	Upper
178	100	
179	19.0	13.4 20.2
176	19.5	15.4 23.0





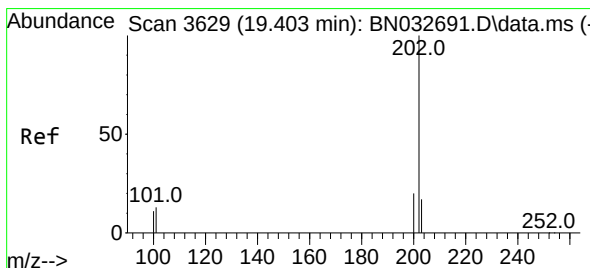
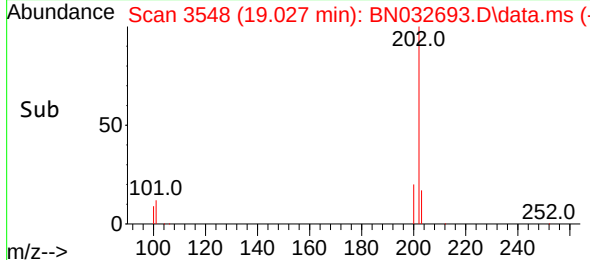
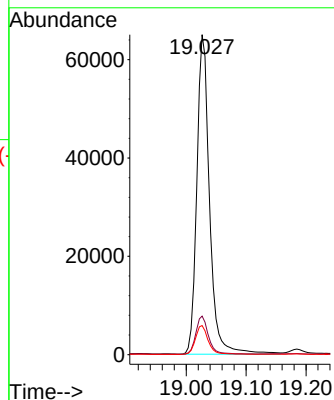
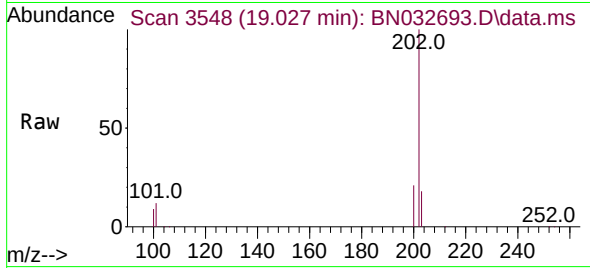
#19
Fluoranthene
Concen: 1.681 ng/ul
RT: 19.027 min Scan# 3548
Delta R.T. -0.028 min
Lab File: BN032693.D
Acq: 13 Jul 2024 04:15

Instrument :
BNA_N
ClientSampleId :
A4CB8DL

Tgt Ion:202 Resp: 95930
Ion Ratio Lower Upper
202 100
101 12.1 9.8 14.8
100 9.1 7.9 11.9

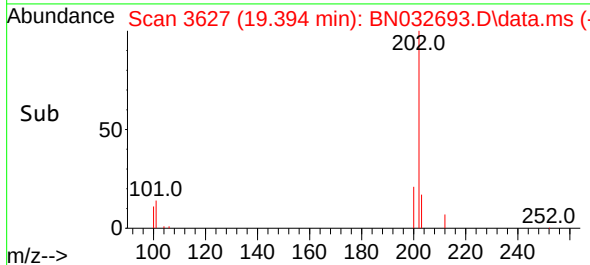
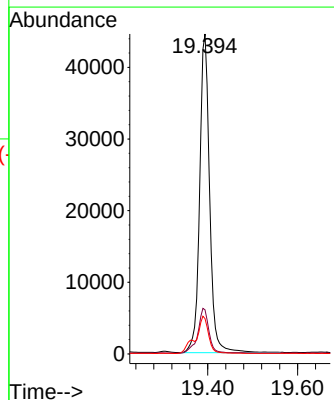
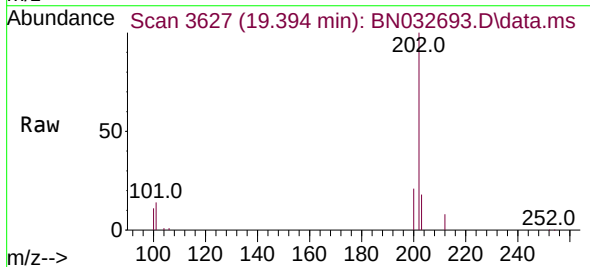
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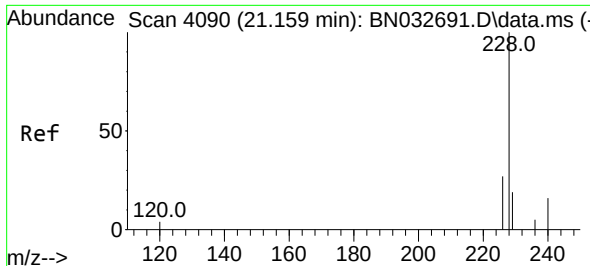
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#20
Pyrene
Concen: 1.162 ng/ul
RT: 19.394 min Scan# 3627
Delta R.T. -0.028 min
Lab File: BN032693.D
Acq: 13 Jul 2024 04:15

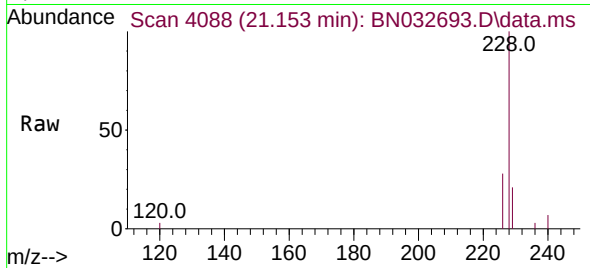
Tgt Ion:202 Resp: 68662
Ion Ratio Lower Upper
202 100
101 13.8 11.8 17.6
100 11.0 9.6 14.4





#21
Benzo(a)anthracene
Concen: 1.023 ng/ul
RT: 21.153 min Scan# 4090
Delta R.T. -0.029 min
Lab File: BN032693.D
Acq: 13 Jul 2024 04:15

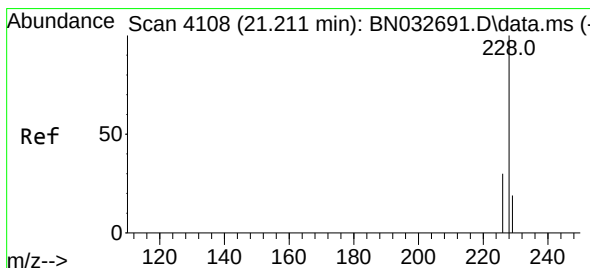
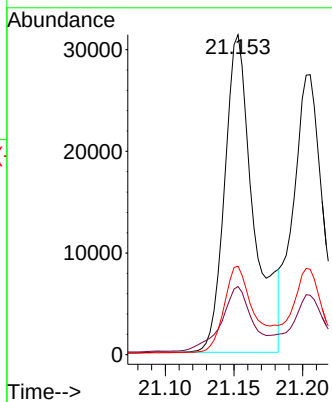
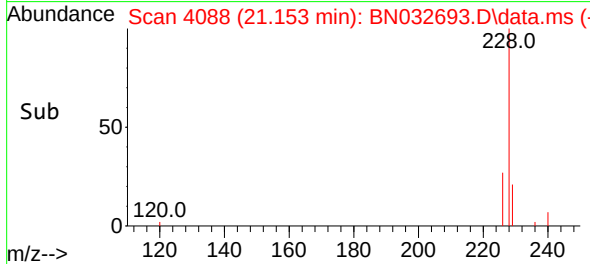
Instrument :
BNA_N
ClientSampleId :
A4CB8DL



Tgt Ion:228 Resp: 45733
Ion Ratio Lower Upper
228 100
229 21.3 16.1 24.1
226 27.7 21.9 32.9

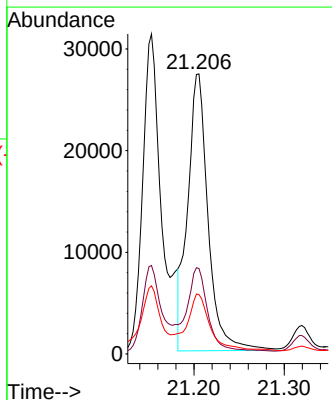
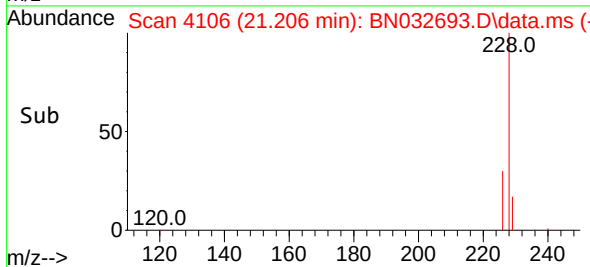
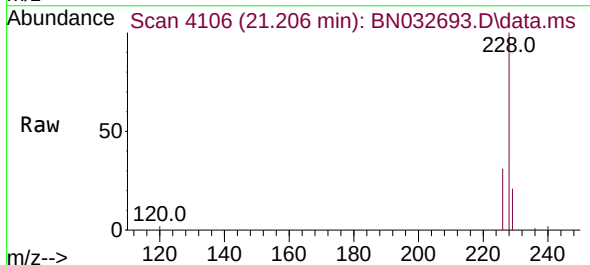
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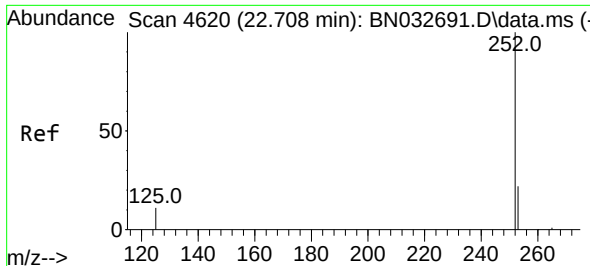
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#22
Chrysene
Concen: 0.663 ng/ul
RT: 21.206 min Scan# 4106
Delta R.T. -0.026 min
Lab File: BN032693.D
Acq: 13 Jul 2024 04:15

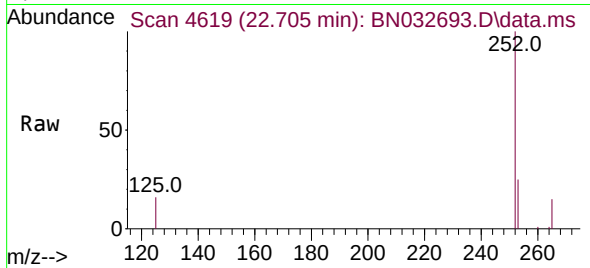
Tgt Ion:228 Resp: 42864
Ion Ratio Lower Upper
228 100
226 30.5 24.0 36.0
229 21.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.106 ng/ul m
RT: 22.705 min Scan# 4619
Delta R.T. -0.029 min
Lab File: BN032693.D
Acq: 13 Jul 2024 04:15

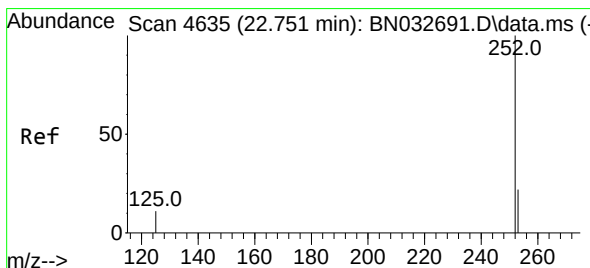
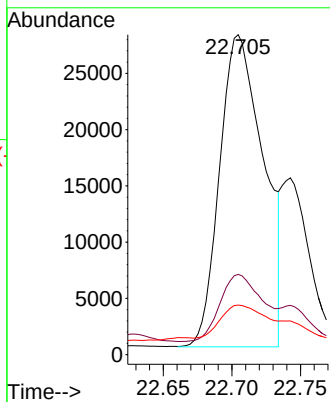
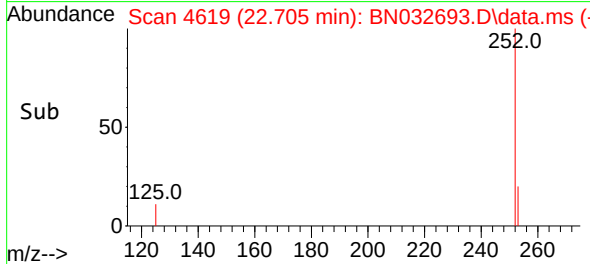
Instrument :
BNA_N
ClientSampleId :
A4CB8DL



Tgt Ion:252 Resp: 6169
Ion Ratio Lower Upper
252 100
253 25.1 0.0 54.0
125 15.5 0.0 36.0

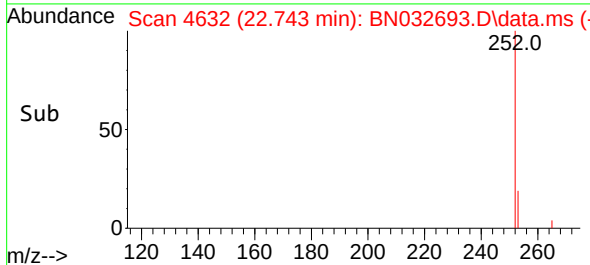
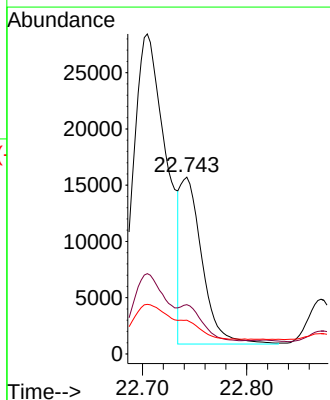
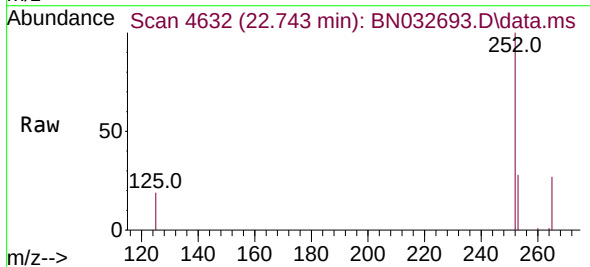
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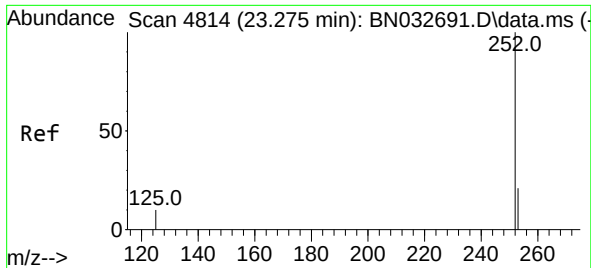
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#25
Benzo(k)fluoranthene
Concen: 0.319 ng/ul m
RT: 22.743 min Scan# 4632
Delta R.T. -0.035 min
Lab File: BN032693.D
Acq: 13 Jul 2024 04:15

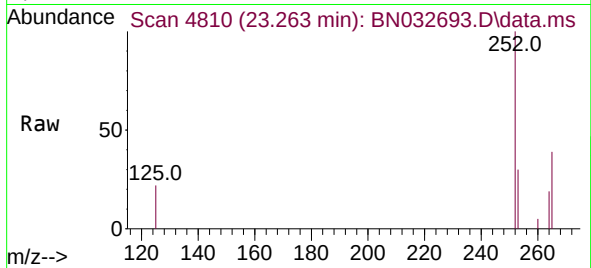
Tgt Ion:252 Resp: 21688
Ion Ratio Lower Upper
252 100
253 27.9 21.2 31.8
125 19.1 14.8 22.2





#26
Benzo(a)pyrene
Concen: 0.484 ng/ul
RT: 23.263 min Scan# 4810
Delta R.T. -0.047 min
Lab File: BN032693.D
Acq: 13 Jul 2024 04:15

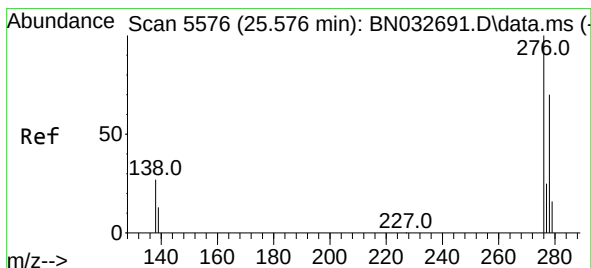
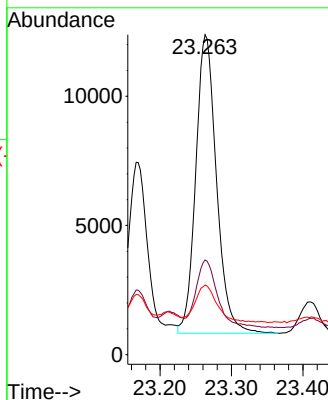
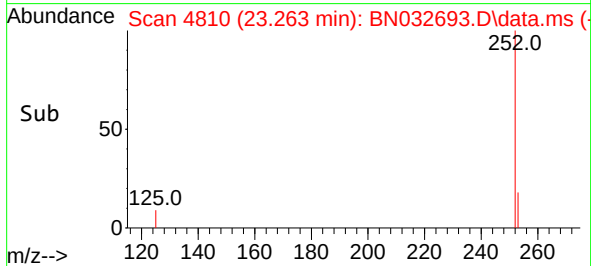
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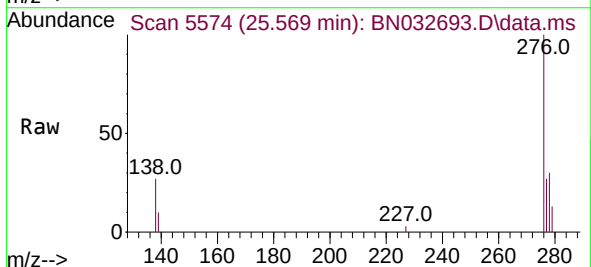
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Ion Ratio Lower Upper
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125 21.7 20.6 30.8

Manual Integrations
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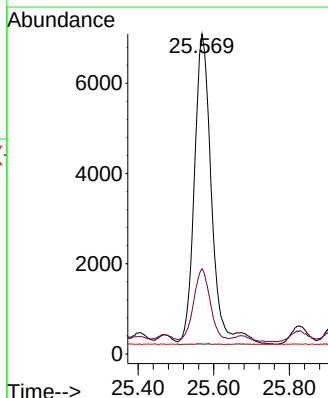
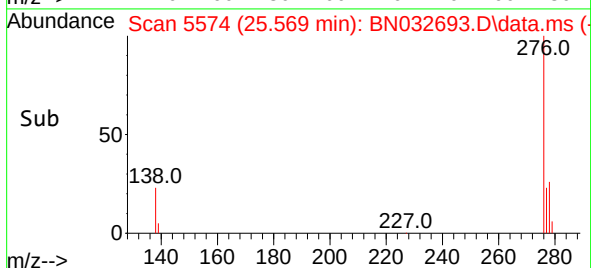
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

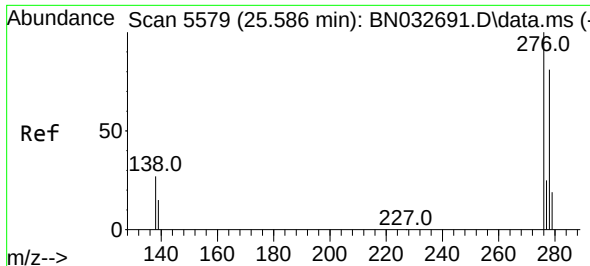


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.332 ng/ul
RT: 25.569 min Scan# 5574
Delta R.T. -0.057 min
Lab File: BN032693.D
Acq: 13 Jul 2024 04:15



Tgt Ion:276 Resp: 21711
Ion Ratio Lower Upper
276 100
138 22.0 21.6 32.4
227 0.1 0.0 0.0#





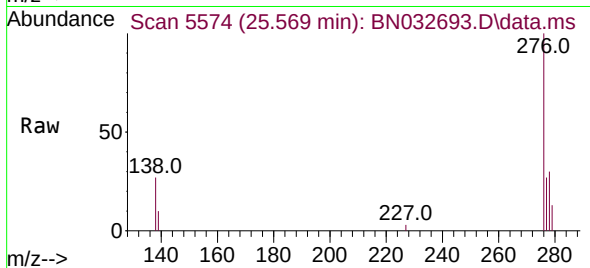
#28
Dibenzo(a,h)anthracene
Concen: 0.132 ng/ul
RT: 25.569 min Scan# 51
Delta R.T. -0.070 min
Lab File: BN032693.D
Acq: 13 Jul 2024 04:15

Instrument :

BNA_N

ClientSampleId :

A4CB8DL



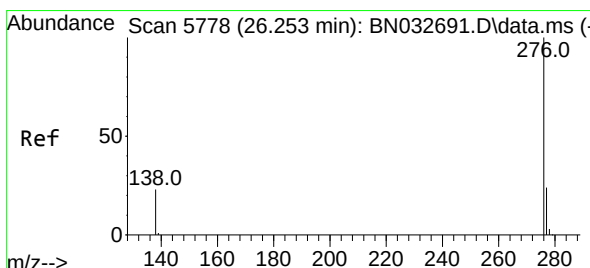
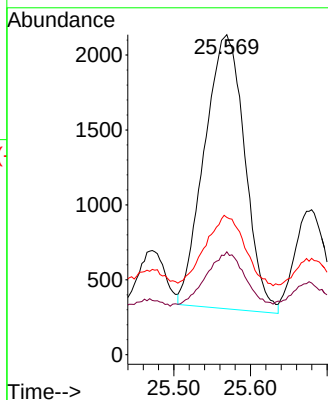
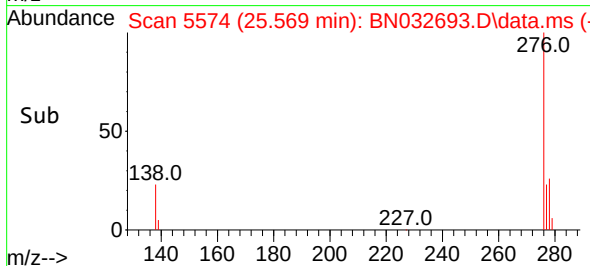
Tgt Ion:278 Resp: 669
Ion Ratio Lower Upper
278 100
139 32.2 16.6 24.8#
279 42.9 23.7 35.5#

Manual Integrations

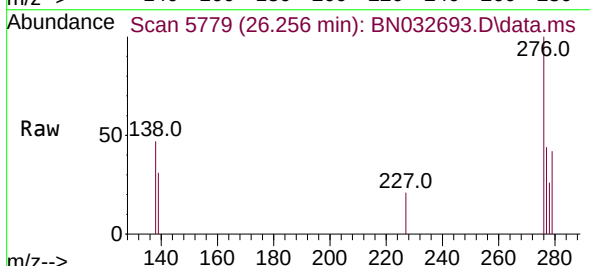
APPROVED

Reviewed By :Yogesh Patel 07/13/2024

Supervised By :mohammad ahmed 07/16/2024



#29
Benzo(g,h,i)perylene
Concen: 0.053 ng/ul
RT: 26.256 min Scan# 5779
Delta R.T. -0.044 min
Lab File: BN032693.D
Acq: 13 Jul 2024 04:15



Tgt Ion:276 Resp: 2910
Ion Ratio Lower Upper
276 100
138 46.7 21.0 31.4#
277 44.5 20.6 31.0#

