

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032689.D
 Acq On : 13 Jul 2024 01:14
 Operator : MA/JU
 Sample : P3035-09DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CX7DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 13 01:39:56 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	5843	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.327	136	16791	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.202	164	8357	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.961	188	15021	0.400	ng/ul	-0.03
17) Chrysene-d12	21.171	240	13268	0.400	ng/ul	-0.02
23) Perylene-d12	23.360	264	14987m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.106	96	4664	0.665	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.938	152	1073	0.042	ng/ul	-0.03
18) Fluoranthene-d10	18.999	212	2046	0.047	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.376	128	1875	0.042	ng/ul#	85
10) Acenaphthylene	13.925	152	2796	0.083	ng/ul#	91
11) Acenaphthene	14.267	153	1266	0.045	ng/ul	96
12) Fluorene	15.262	166	1471	0.046	ng/ul#	97
15) Phenanthrene	16.999	178	27660	0.676	ng/ul	100
16) Anthracene	17.096	178	6034	0.181	ng/ul#	93
19) Fluoranthene	19.027	202	56637	1.050	ng/ul	99
20) Pyrene	19.394	202	43827	0.785	ng/ul	98
21) Benzo(a)anthracene	21.153	228	29199	0.691	ng/ul	96
22) Chrysene	21.206	228	26839	0.439	ng/ul	96
24) Benzo(b)fluoranthene	22.705	252	41600m	0.787	ng/ul	
25) Benzo(k)fluoranthene	22.743	252	15738m	0.244	ng/ul	
26) Benzo(a)pyrene	23.266	252	17160	0.375	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.572	276	16657	0.269	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.572	278	5086	0.106	ng/ul#	56
29) Benzo(g,h,i)perylene	26.250	276	2340	0.045	ng/ul#	50

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

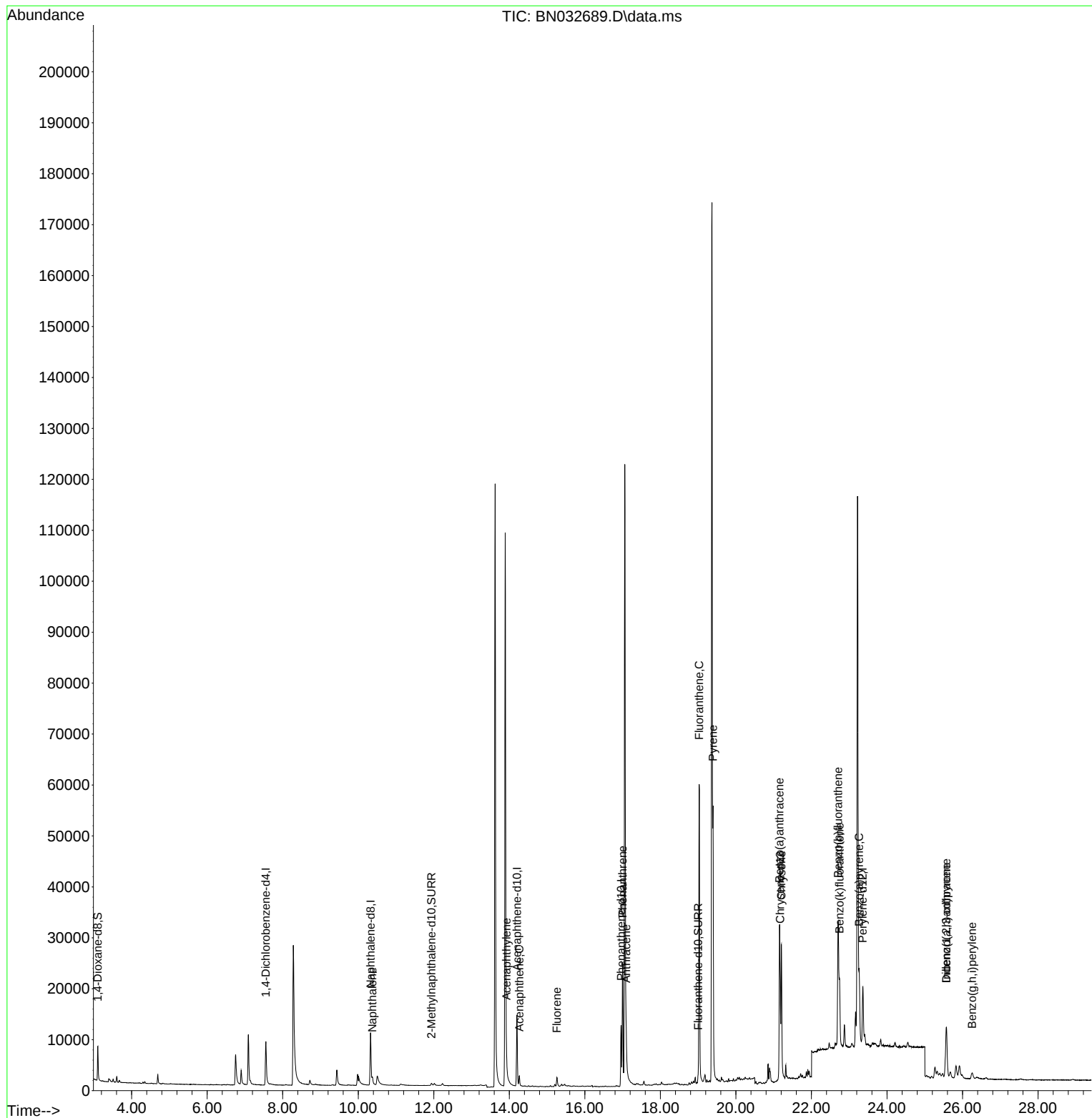
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032689.D
Acq On : 13 Jul 2024 01:14
Operator : MA/JU
Sample : P3035-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

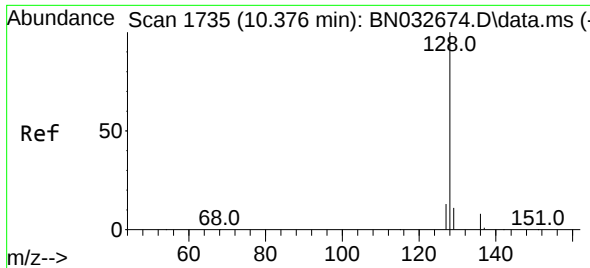
Instrument :
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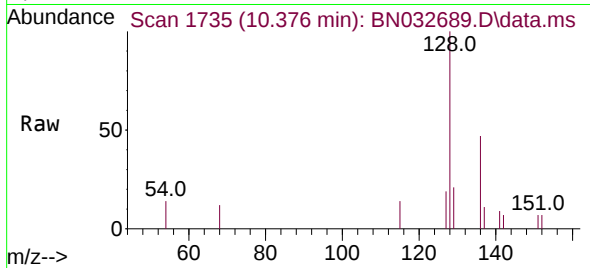
Quant Time: Jul 13 01:39:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.042 ng/u1
RT: 10.376 min Scan# 1735
Delta R.T. -0.033 min
Lab File: BN032689.D
Acq: 13 Jul 2024 01:14

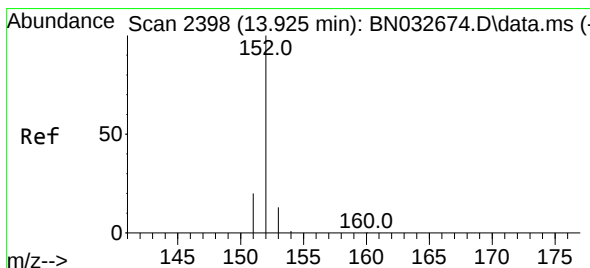
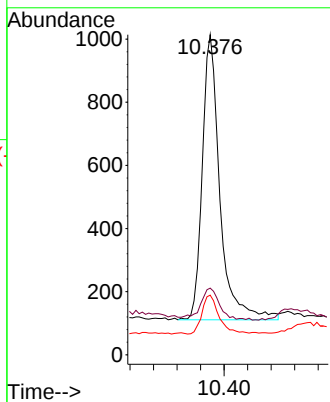
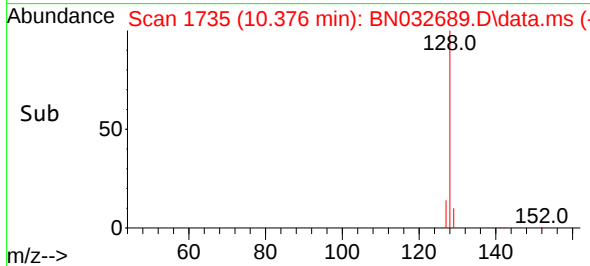
Instrument :
BNA_N
ClientSampleId :
A4CX7DL



Tgt Ion:128 Resp: 1875
Ion Ratio Lower Upper
128 100
129 20.8 10.0 15.0#
127 18.6 11.6 17.4#

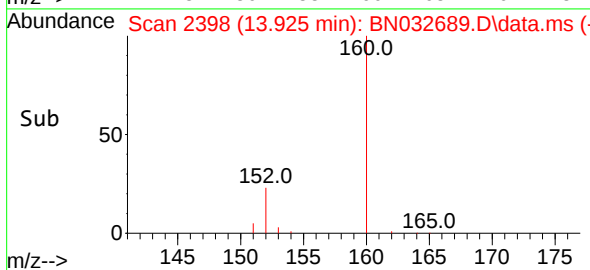
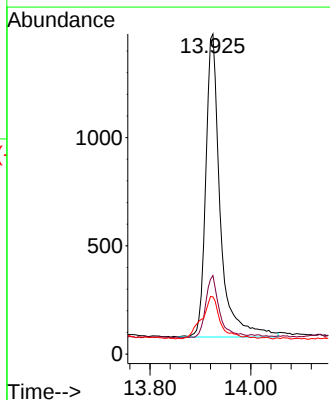
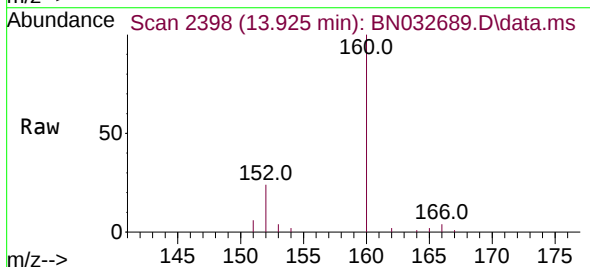
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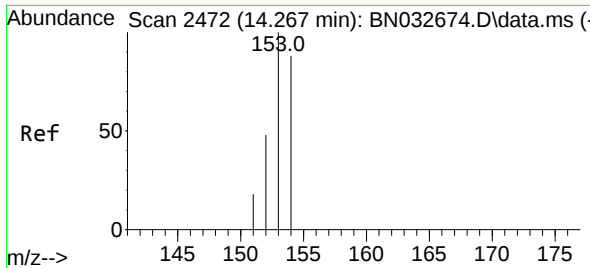
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#10
Acenaphthylene
Concen: 0.083 ng/u1
RT: 13.925 min Scan# 2398
Delta R.T. -0.018 min
Lab File: BN032689.D
Acq: 13 Jul 2024 01:14

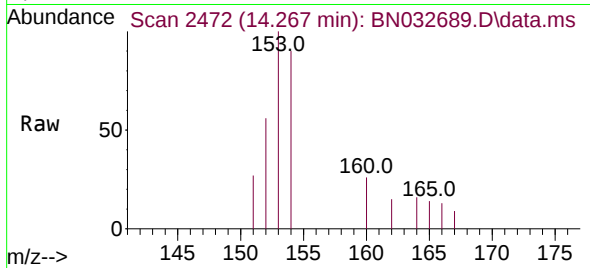
Tgt Ion:152 Resp: 2796
Ion Ratio Lower Upper
152 100
151 24.5 16.3 24.5#
153 17.8 11.3 16.9#





#11
Acenaphthene
Concen: 0.045 ng/u1
RT: 14.267 min Scan# 2472
Delta R.T. -0.014 min
Lab File: BN032689.D
Acq: 13 Jul 2024 01:14

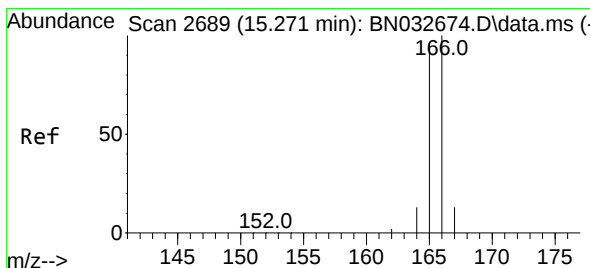
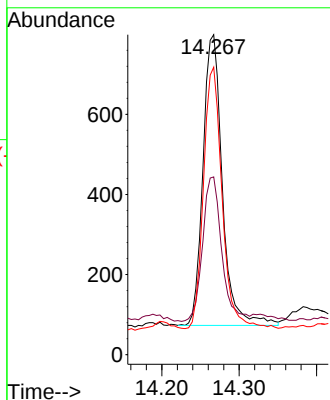
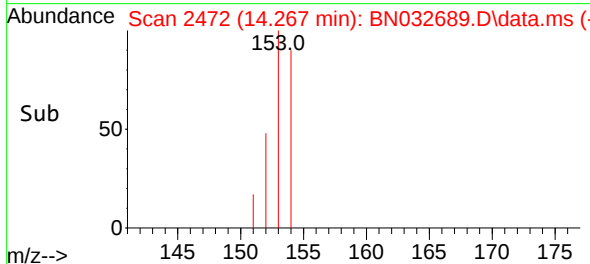
Instrument :
BNA_N
ClientSampleId :
A4CX7DL



Tgt Ion:153 Resp: 1260
Ion Ratio Lower Upper
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152 55.6 40.0 60.0
154 89.9 70.2 105.4

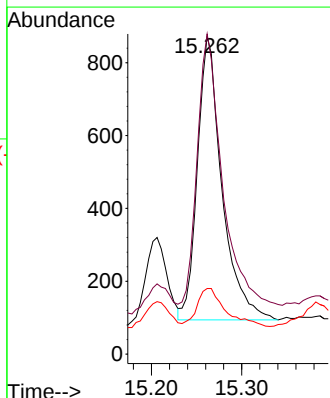
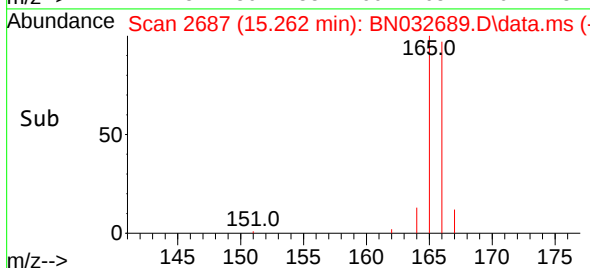
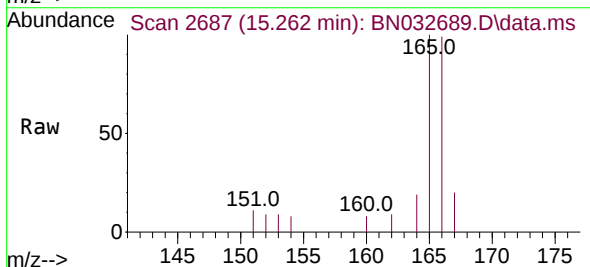
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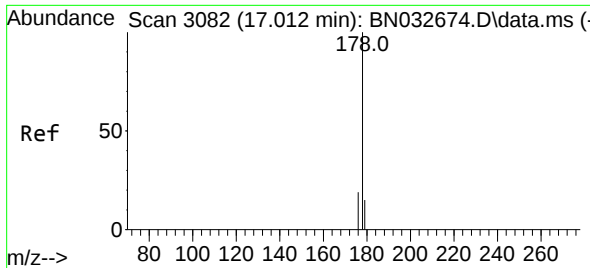
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#12
Fluorene
Concen: 0.046 ng/u1
RT: 15.262 min Scan# 2687
Delta R.T. -0.028 min
Lab File: BN032689.D
Acq: 13 Jul 2024 01:14

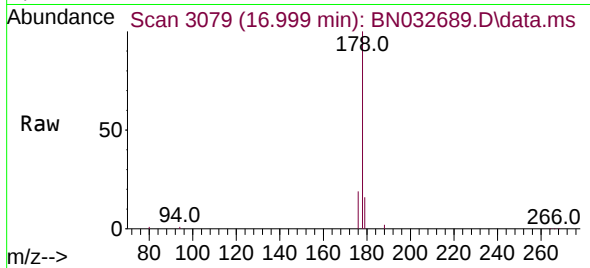
Tgt Ion:166 Resp: 1471
Ion Ratio Lower Upper
166 100
165 100.7 79.7 119.5
167 20.6 11.4 17.2#





#15
Phenanthrene
Concen: 0.676 ng/ul
RT: 16.999 min Scan# 3082
Delta R.T. -0.029 min
Lab File: BN032689.D
Acq: 13 Jul 2024 01:14

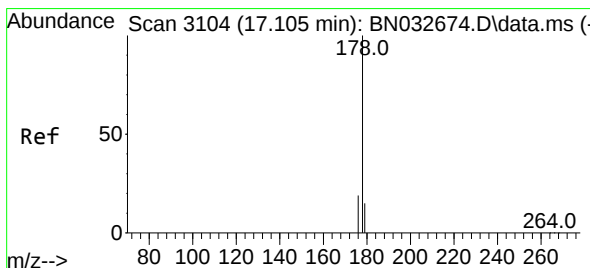
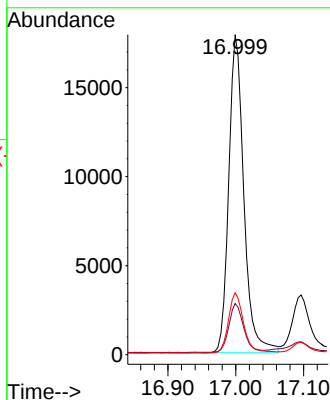
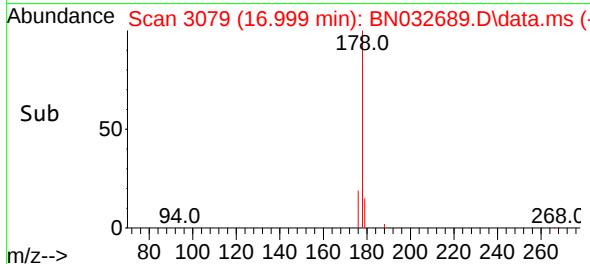
Instrument :
BNA_N
ClientSampleId :
A4CX7DL



Tgt Ion:178 Resp: 2766
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.4
176 19.3 15.6 23.4

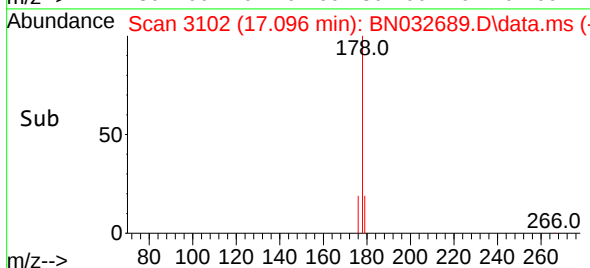
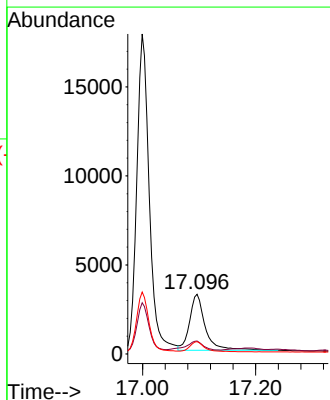
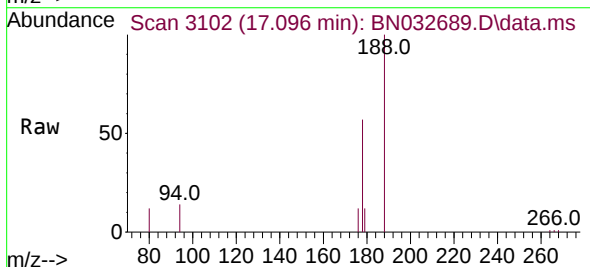
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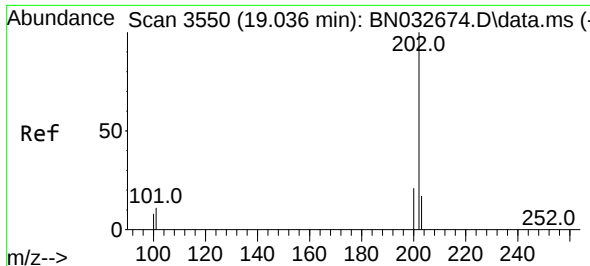
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#16
Anthracene
Concen: 0.181 ng/ul
RT: 17.096 min Scan# 3102
Delta R.T. -0.042 min
Lab File: BN032689.D
Acq: 13 Jul 2024 01:14

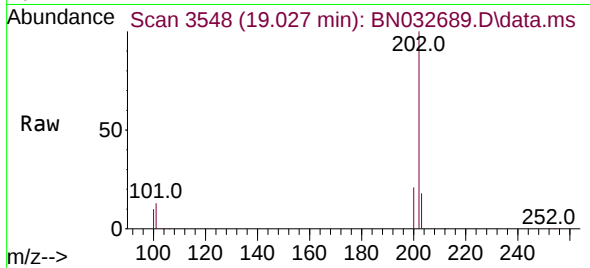
Tgt Ion:178 Resp: 6034
Ion Ratio Lower Upper
178 100
179 21.8 13.4 20.2#
176 20.7 15.4 23.0





#19
Fluoranthene
Concen: 1.050 ng/ul
RT: 19.027 min Scan# 3548
Delta R.T. -0.028 min
Lab File: BN032689.D
Acq: 13 Jul 2024 01:14

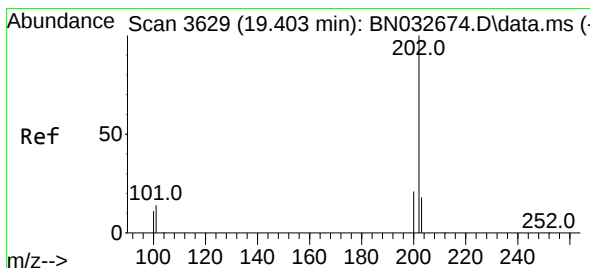
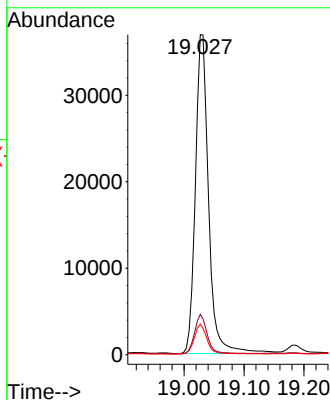
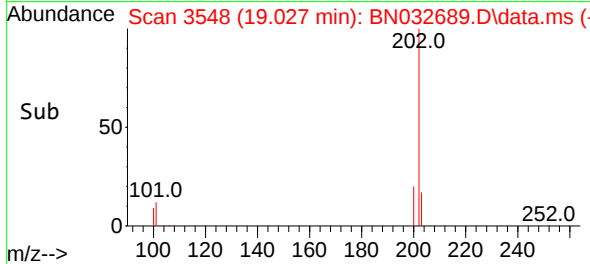
Instrument :
BNA_N
ClientSampleId :
A4CX7DL



Tgt Ion:202 Resp: 5663
Ion Ratio Lower Upper
202 100
101 12.6 9.8 14.8
100 9.6 7.9 11.9

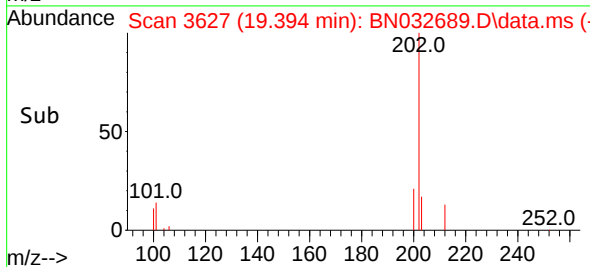
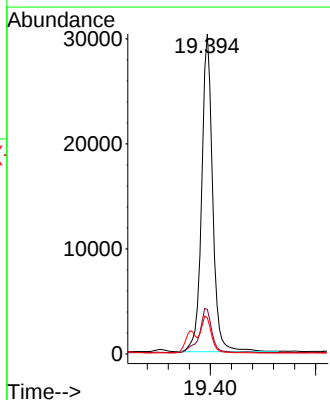
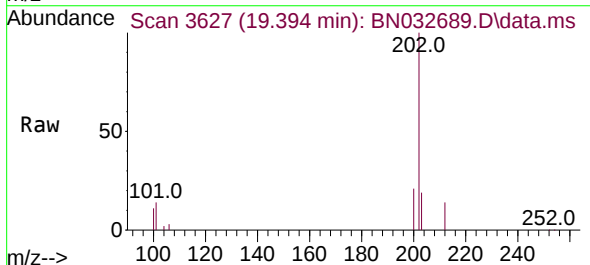
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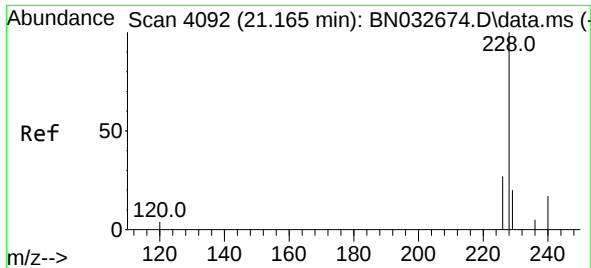
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#20
Pyrene
Concen: 0.785 ng/ul
RT: 19.394 min Scan# 3627
Delta R.T. -0.028 min
Lab File: BN032689.D
Acq: 13 Jul 2024 01:14

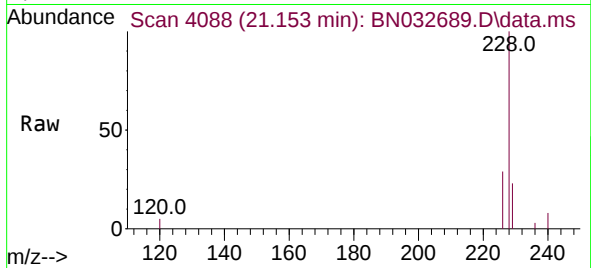
Tgt Ion:202 Resp: 43827
Ion Ratio Lower Upper
202 100
101 14.0 11.8 17.6
100 11.3 9.6 14.4





#21
Benzo(a)anthracene
Concen: 0.691 ng/u1
RT: 21.153 min Scan# 4092
Delta R.T. -0.029 min
Lab File: BN032689.D
Acq: 13 Jul 2024 01:14

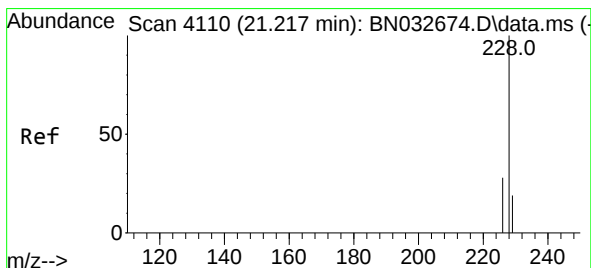
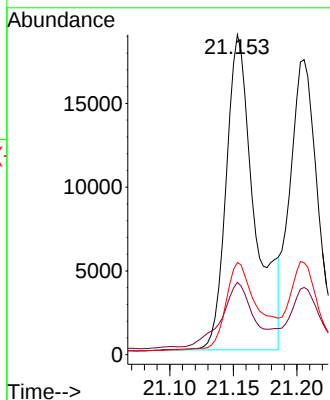
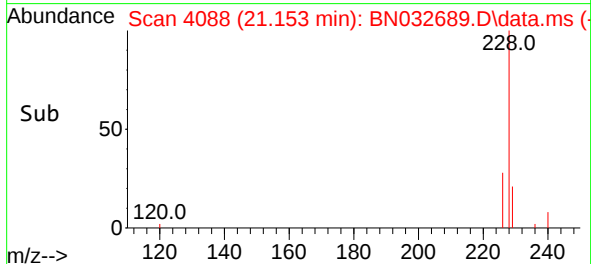
Instrument :
BNA_N
ClientSampleId :
A4CX7DL



Tgt Ion:228 Resp: 29199
Ion Ratio Lower Upper
228 100
229 22.6 16.1 24.1
226 28.8 21.9 32.9

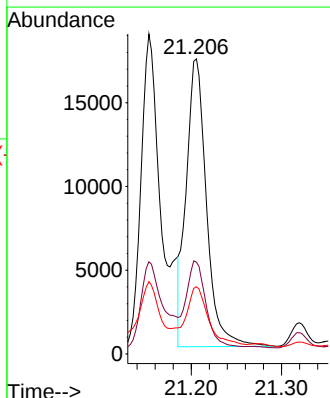
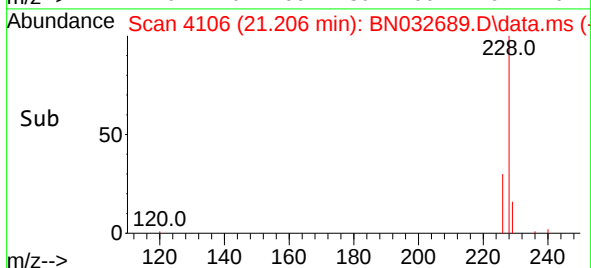
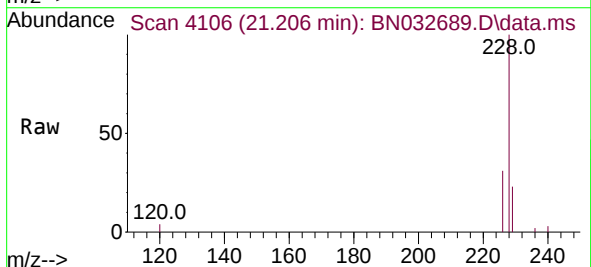
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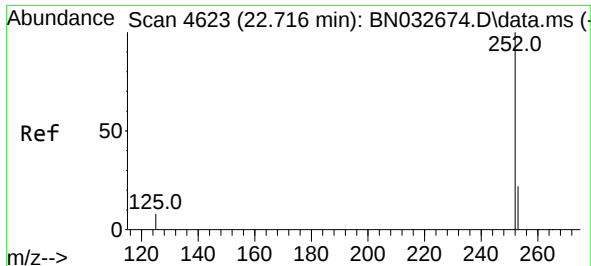
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#22
Chrysene
Concen: 0.439 ng/u1
RT: 21.206 min Scan# 4106
Delta R.T. -0.026 min
Lab File: BN032689.D
Acq: 13 Jul 2024 01:14

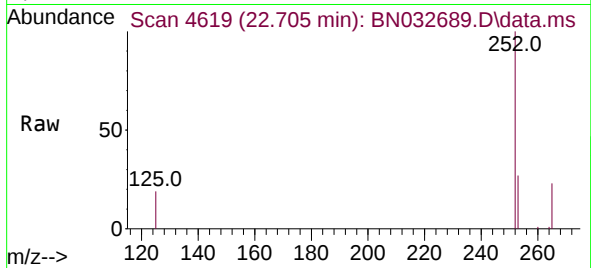
Tgt Ion:228 Resp: 26839
Ion Ratio Lower Upper
228 100
226 31.1 24.0 36.0
229 22.8 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.787 ng/ul m
RT: 22.705 min Scan# 4619
Delta R.T. -0.029 min
Lab File: BN032689.D
Acq: 13 Jul 2024 01:14

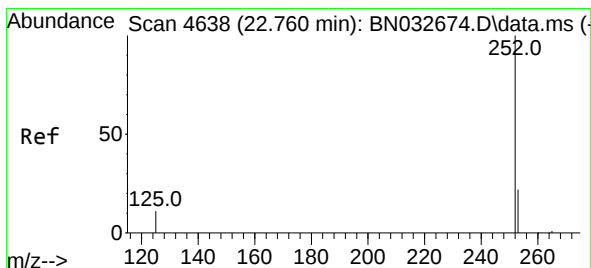
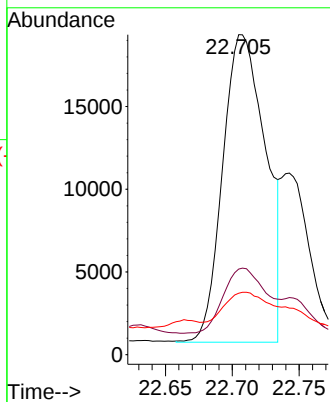
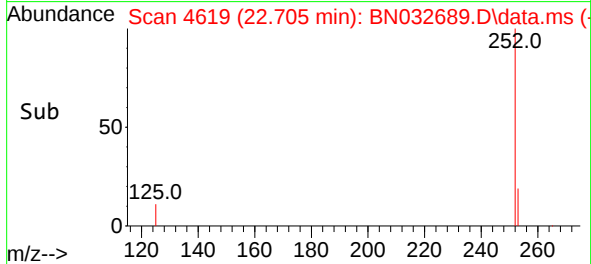
Instrument :
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A4CX7DL



Tgt Ion:252 Resp: 41600
Ion Ratio Lower Upper
252 100
253 26.7 0.0 54.0
125 19.2 0.0 36.0

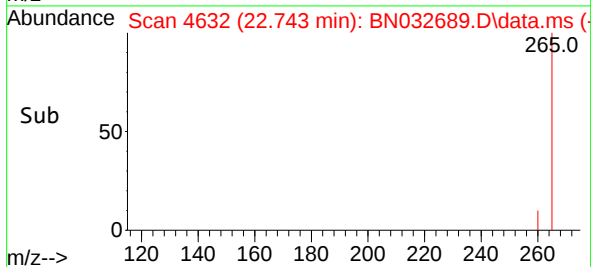
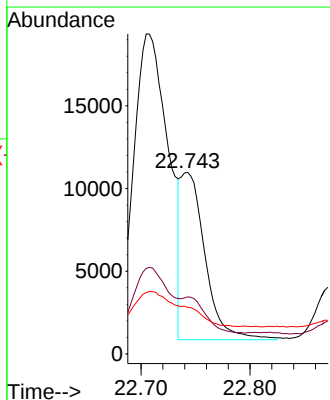
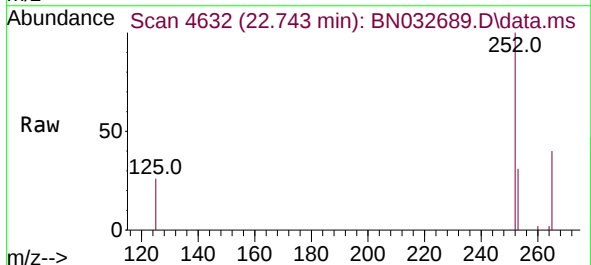
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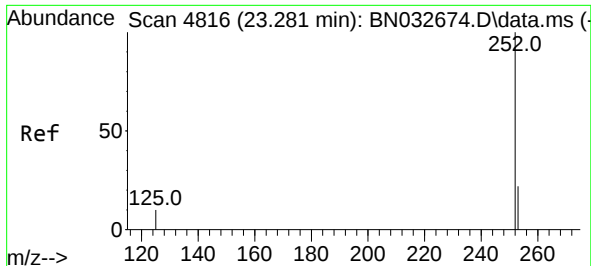
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#25
Benzo(k)fluoranthene
Concen: 0.244 ng/ul m
RT: 22.743 min Scan# 4632
Delta R.T. -0.035 min
Lab File: BN032689.D
Acq: 13 Jul 2024 01:14

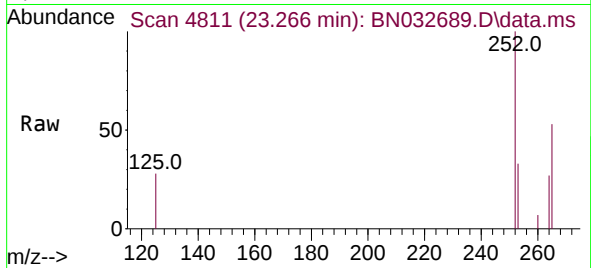
Tgt Ion:252 Resp: 15738
Ion Ratio Lower Upper
252 100
253 31.4 21.2 31.8
125 25.7 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.375 ng/ul
RT: 23.266 min Scan# 4816
Delta R.T. -0.044 min
Lab File: BN032689.D
Acq: 13 Jul 2024 01:14

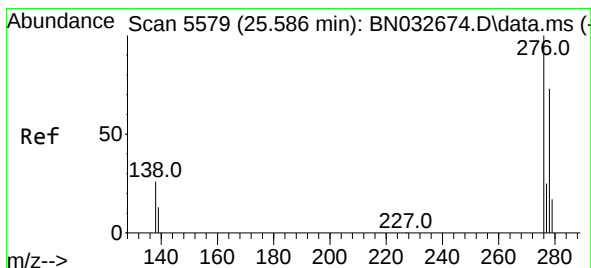
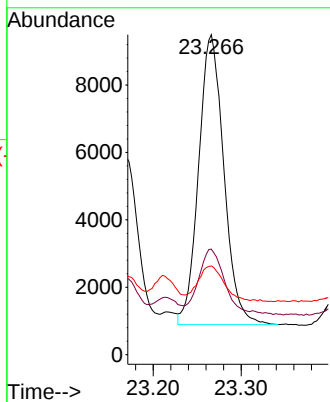
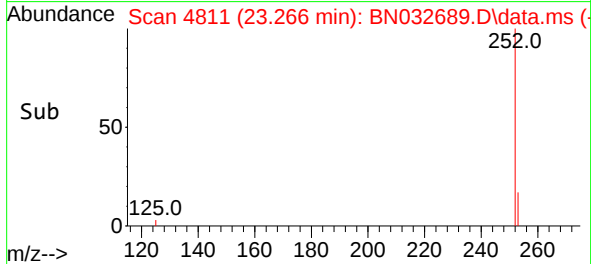
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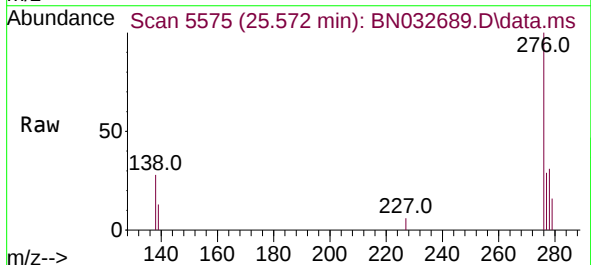
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125 27.7 20.6 30.8

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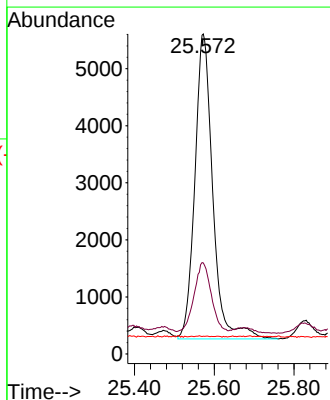
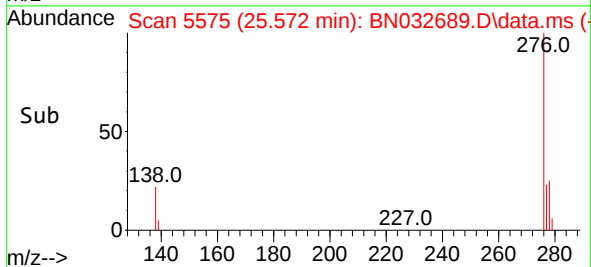
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

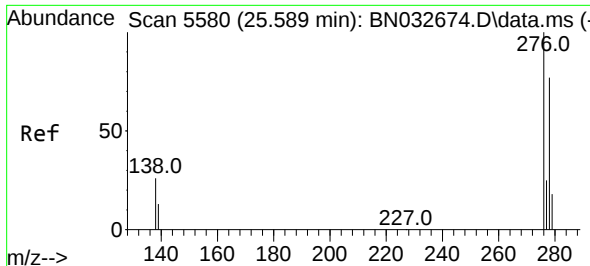


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.269 ng/ul
RT: 25.572 min Scan# 5575
Delta R.T. -0.054 min
Lab File: BN032689.D
Acq: 13 Jul 2024 01:14



Tgt Ion:276 Resp: 16657
Ion Ratio Lower Upper
276 100
138 21.9 21.6 32.4
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.106 ng/ul
RT: 25.572 min Scan# 51
Delta R.T. -0.067 min
Lab File: BN032689.D
Acq: 13 Jul 2024 01:14

Instrument :

BNA_N

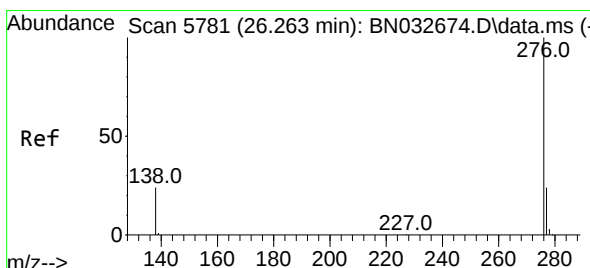
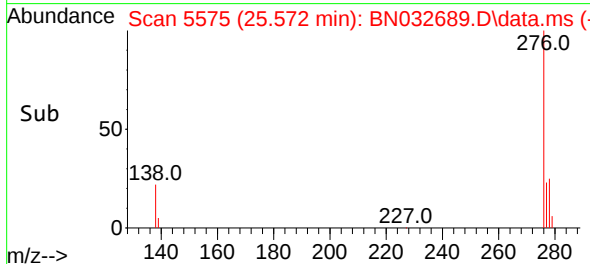
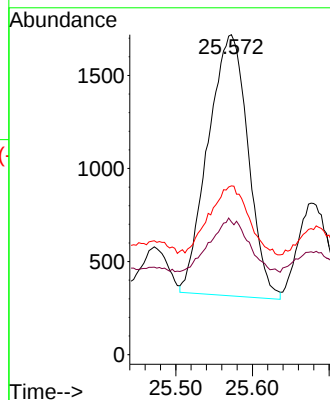
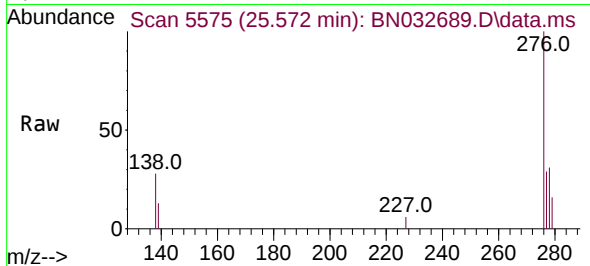
ClientSampleId :

A4CX7DL

Tgt Ion:278 Resp: 508
Ion Ratio Lower Upper
278 100
139 41.5 16.6 24.8
279 52.8 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: 0.045 ng/ul
RT: 26.250 min Scan# 5777
Delta R.T. -0.050 min
Lab File: BN032689.D
Acq: 13 Jul 2024 01:14

Tgt Ion:276 Resp: 2340
Ion Ratio Lower Upper
276 100
138 52.4 21.0 31.4#
277 50.1 20.6 31.0#

