

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032695.D
 Acq On : 13 Jul 2024 05:28
 Operator : MA/JU
 Sample : P3087-08DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CB5DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 13 05:54:02 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	5454	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.327	136	16015	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.197	164	8477	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.957	188	15394	0.400	ng/ul	-0.03
17) Chrysene-d12	21.170	240	13469	0.400	ng/ul	-0.02
23) Perylene-d12	23.359	264	15287m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	4537	0.693	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.944	152	1130	0.047	ng/ul	-0.03
18) Fluoranthene-d10	18.999	212	2147	0.049	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.376	128	945	0.022	ng/ul#	68
10) Acenaphthylene	13.920	152	2469	0.072	ng/ul#	91
11) Acenaphthene	14.262	153	591	0.021	ng/ul	94
12) Fluorene	15.262	166	667	0.021	ng/ul#	92
15) Phenanthrene	16.999	178	13115	0.313	ng/ul	100
16) Anthracene	17.092	178	3225	0.094	ng/ul#	88
19) Fluoranthene	19.027	202	29046	0.530	ng/ul	99
20) Pyrene	19.394	202	29418	0.519	ng/ul	98
21) Benzo(a)anthracene	21.153	228	15696	0.366	ng/ul	95
22) Chrysene	21.205	228	14893	0.240	ng/ul	96
24) Benzo(b)fluoranthene	22.705	252	23798m	0.441	ng/ul	
25) Benzo(k)fluoranthene	22.743	252	8667m	0.132	ng/ul	
26) Benzo(a)pyrene	23.263	252	16508	0.354	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.569	276	12779	0.202	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.569	278	2825	0.058	ng/ul#	34
29) Benzo(g,h,i)perylene	26.250	276	12908	0.244	ng/ul	94

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

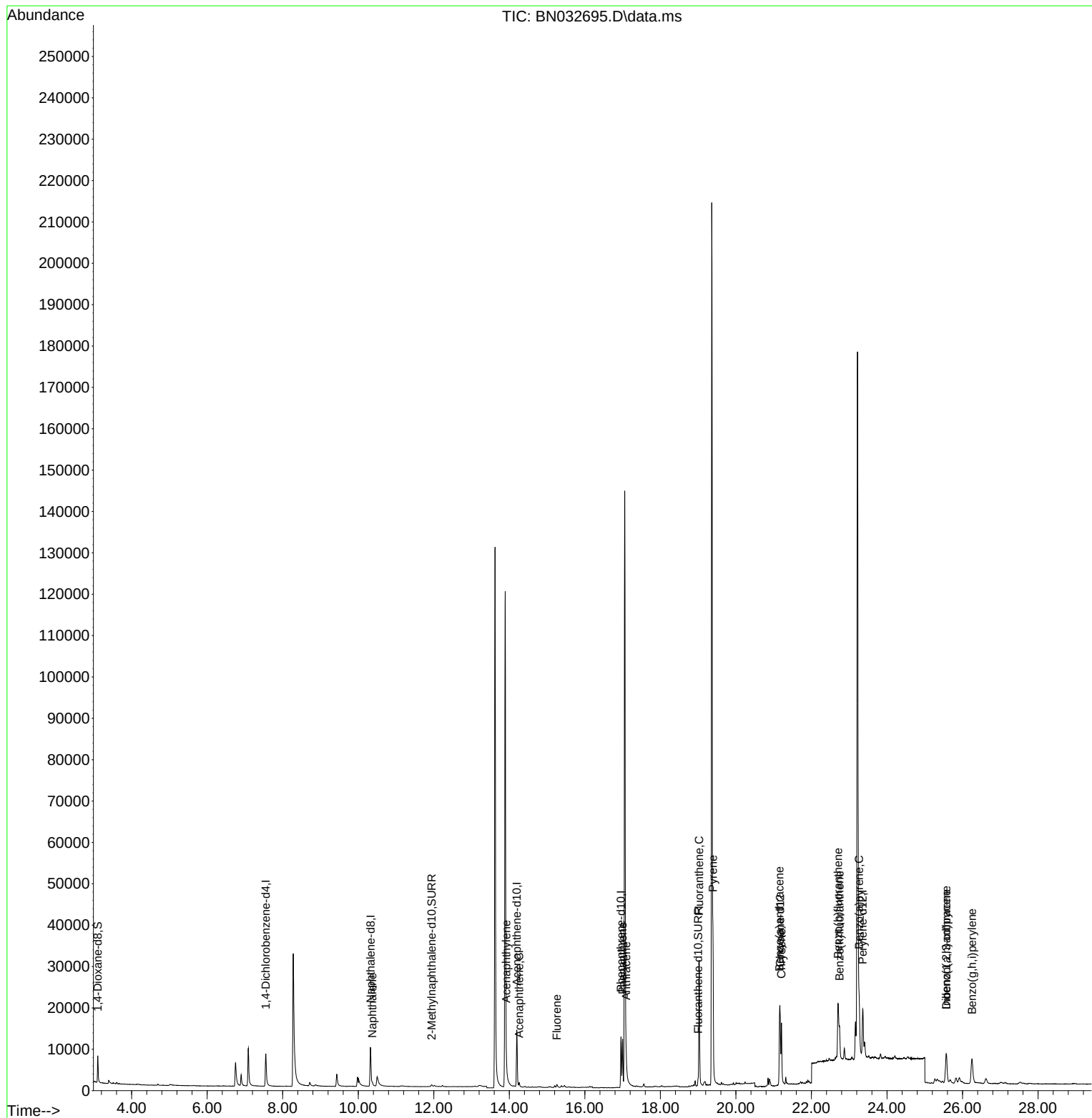
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032695.D
Acq On : 13 Jul 2024 05:28
Operator : MA/JU
Sample : P3087-08DL 5X
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ALS Vial : 35 Sample Multiplier: 1

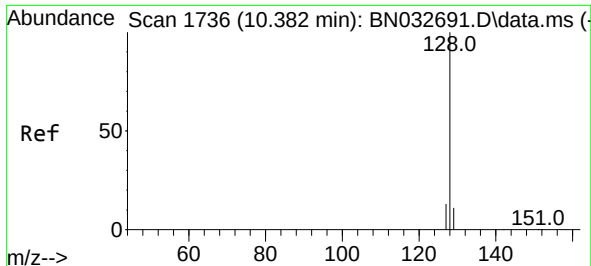
Instrument :
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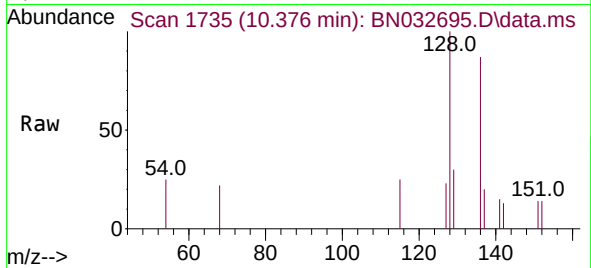
Quant Time: Jul 13 05:54:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.022 ng/u1
RT: 10.376 min Scan# 11
Delta R.T. -0.033 min
Lab File: BN032695.D
Acq: 13 Jul 2024 05:28

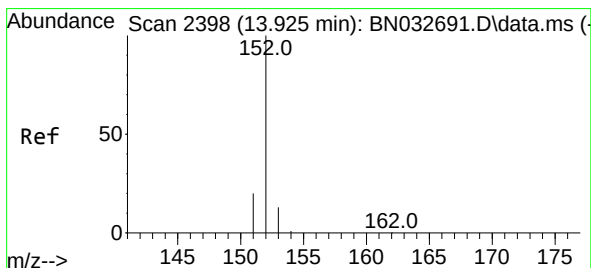
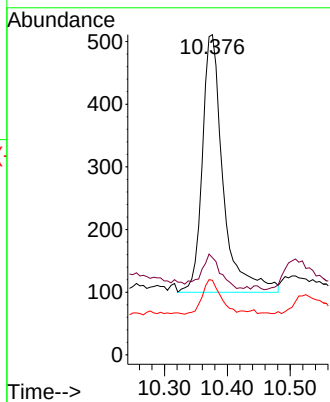
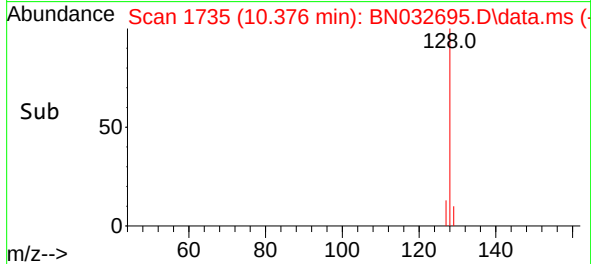
Instrument :
BNA_N
ClientSampleId :
A4CB5DL



Tgt Ion:128 Resp: 94
Ion Ratio Lower Upper
128 100
129 30.3 10.0 15.0#
127 23.3 11.6 17.4#

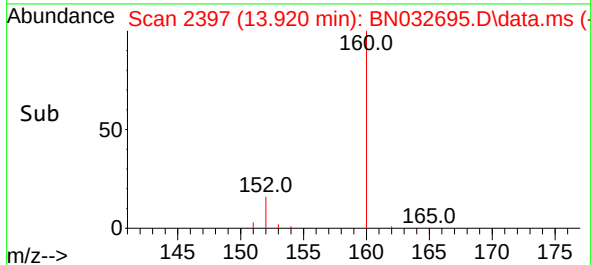
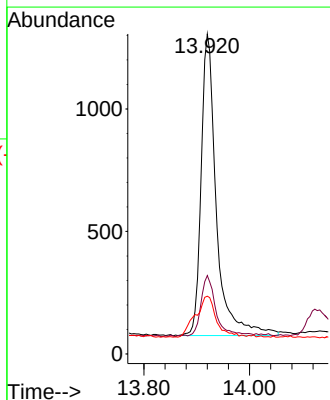
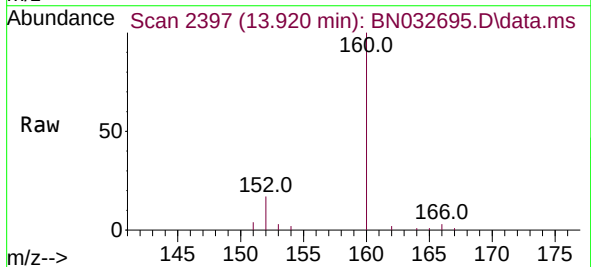
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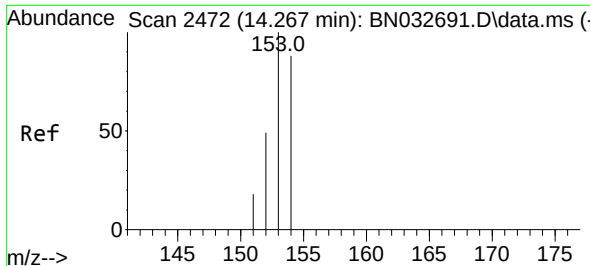
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#10
Acenaphthylene
Concen: 0.072 ng/u1
RT: 13.920 min Scan# 2397
Delta R.T. -0.023 min
Lab File: BN032695.D
Acq: 13 Jul 2024 05:28

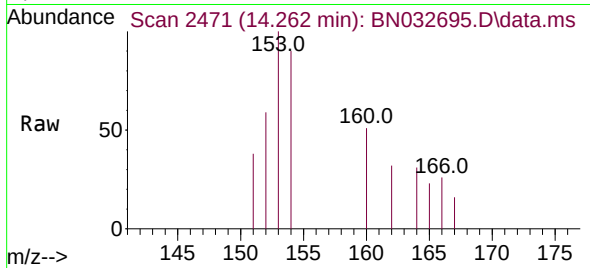
Tgt Ion:152 Resp: 2469
Ion Ratio Lower Upper
152 100
151 24.5 16.3 24.5#
153 18.1 11.3 16.9#





#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.262 min Scan# 2471
Delta R.T. -0.019 min
Lab File: BN032695.D
Acq: 13 Jul 2024 05:28

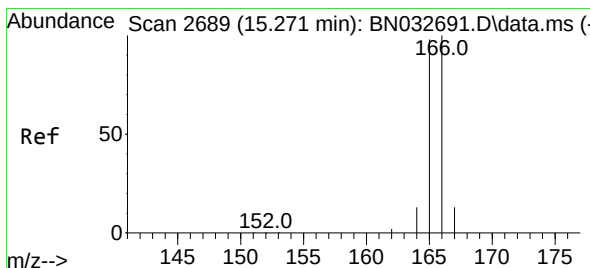
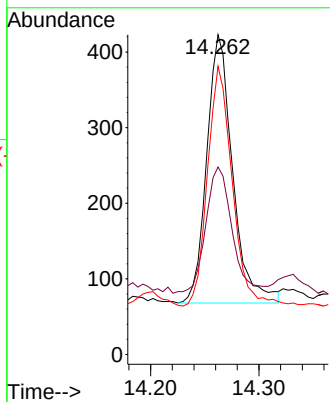
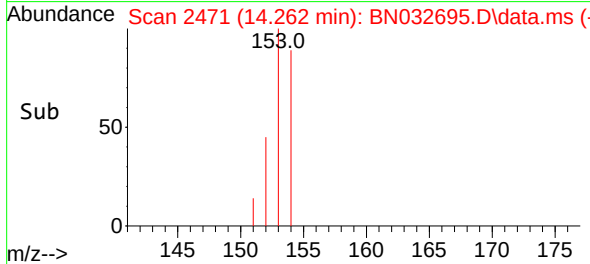
Instrument :
BNA_N
ClientSampleId :
A4CB5DL



Tgt Ion:153 Resp: 591
Ion Ratio Lower Upper
153 100
152 58.6 40.0 60.0
154 90.1 70.2 105.4

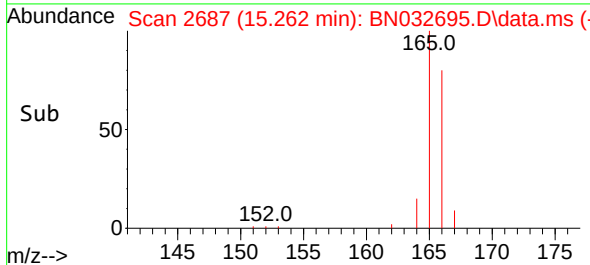
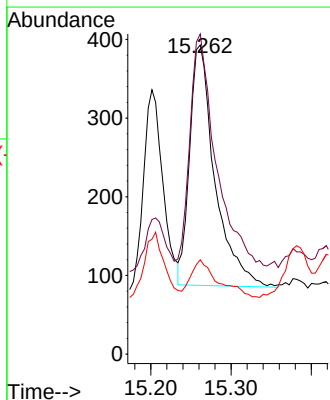
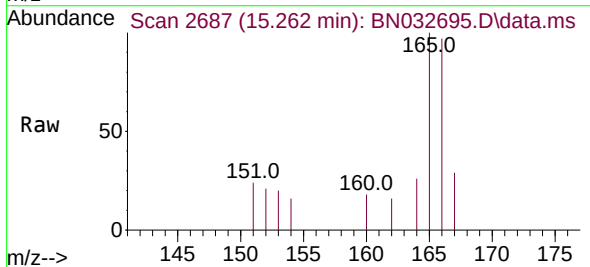
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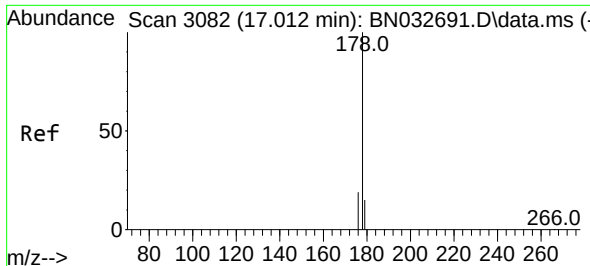
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.262 min Scan# 2687
Delta R.T. -0.028 min
Lab File: BN032695.D
Acq: 13 Jul 2024 05:28

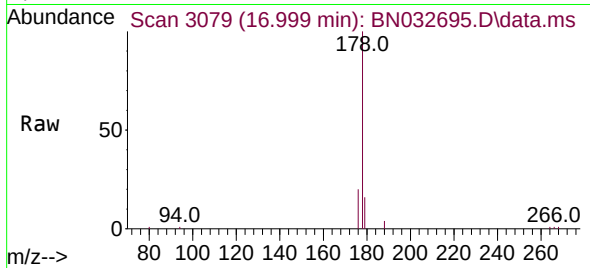
Tgt Ion:166 Resp: 667
Ion Ratio Lower Upper
166 100
165 103.6 79.7 119.5
167 30.5 11.4 17.2#





#15
Phenanthrene
Concen: 0.313 ng/u1
RT: 16.999 min Scan# 3082
Delta R.T. -0.030 min
Lab File: BN032695.D
Acq: 13 Jul 2024 05:28

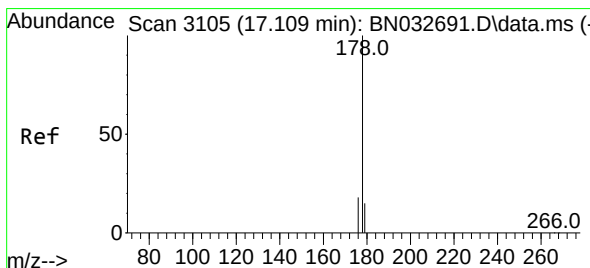
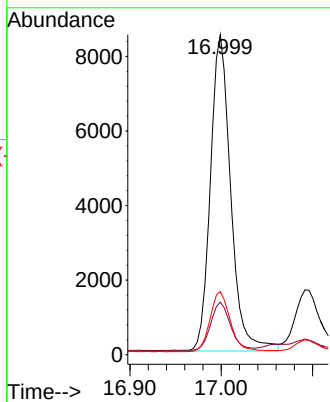
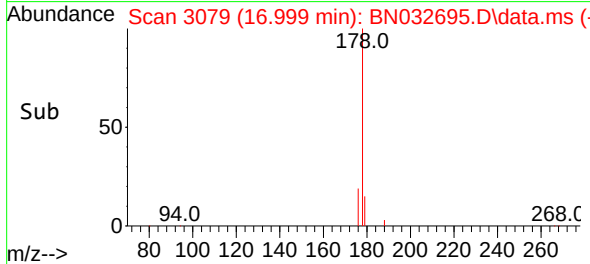
Instrument :
BNA_N
ClientSampleId :
A4CB5DL



Tgt Ion:178 Resp: 1311
Ion Ratio Lower Upper
178 100
179 16.4 13.0 19.4
176 19.7 15.6 23.4

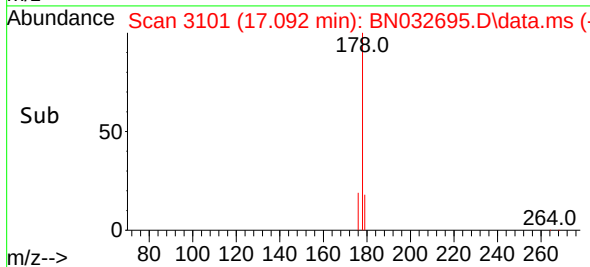
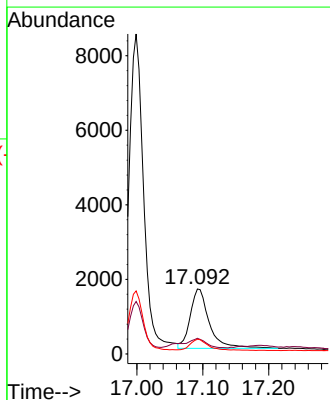
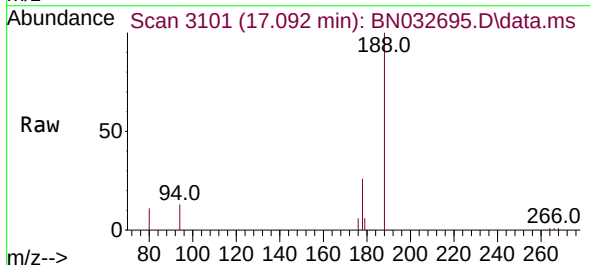
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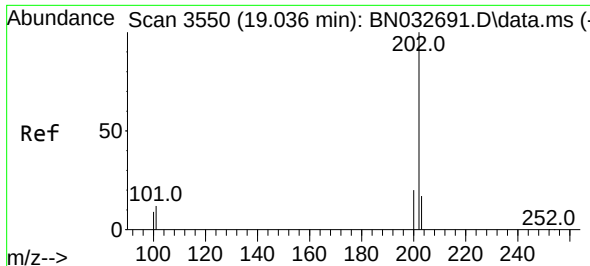
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#16
Anthracene
Concen: 0.094 ng/u1
RT: 17.092 min Scan# 3101
Delta R.T. -0.047 min
Lab File: BN032695.D
Acq: 13 Jul 2024 05:28

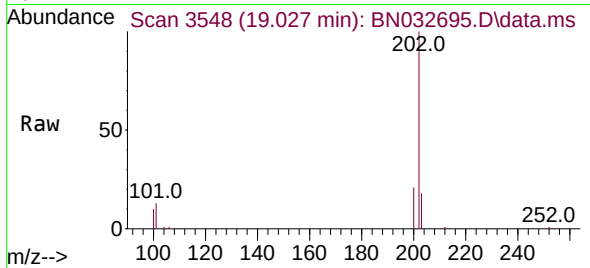
Tgt Ion:178 Resp: 3225
Ion Ratio Lower Upper
178 100
179 24.2 13.4 20.2#
176 22.6 15.4 23.0





#19
Fluoranthene
Concen: 0.530 ng/u1
RT: 19.027 min Scan# 3548
Delta R.T. -0.028 min
Lab File: BN032695.D
Acq: 13 Jul 2024 05:28

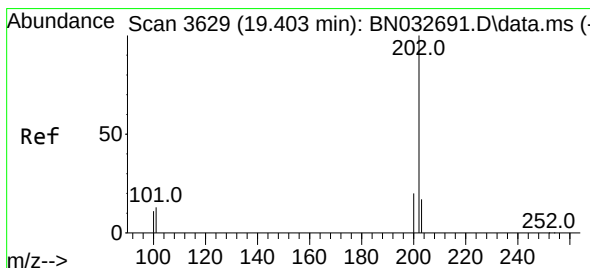
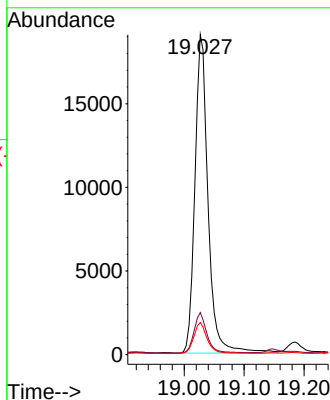
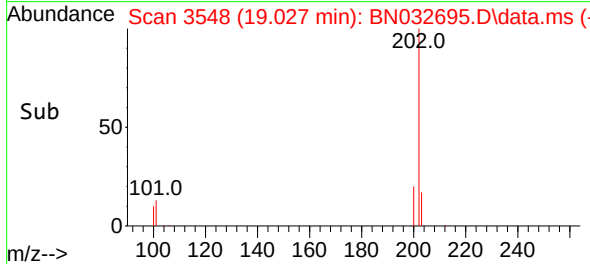
Instrument :
BNA_N
ClientSampleId :
A4CB5DL



Tgt Ion:202 Resp: 29040
Ion Ratio Lower Upper
202 100
101 13.2 9.8 14.8
100 10.1 7.9 11.9

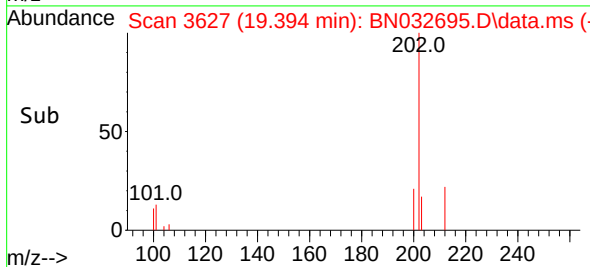
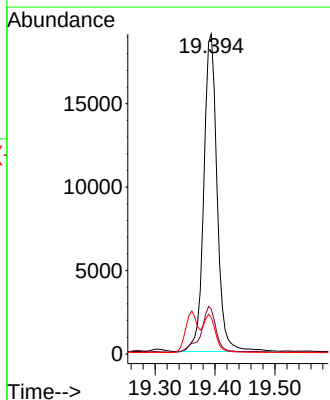
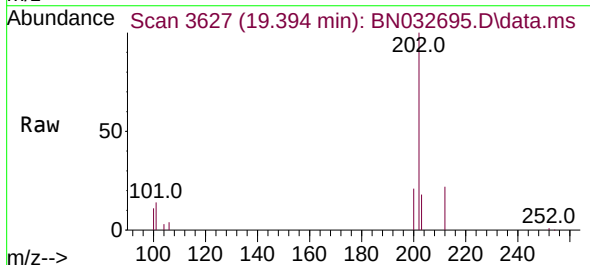
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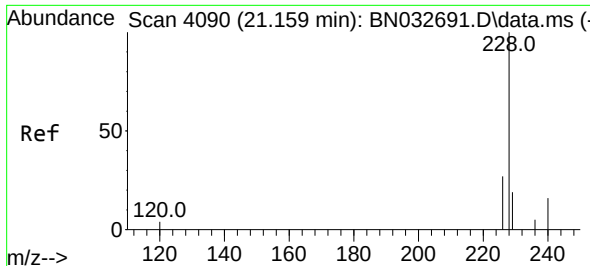
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#20
Pyrene
Concen: 0.519 ng/u1
RT: 19.394 min Scan# 3627
Delta R.T. -0.028 min
Lab File: BN032695.D
Acq: 13 Jul 2024 05:28

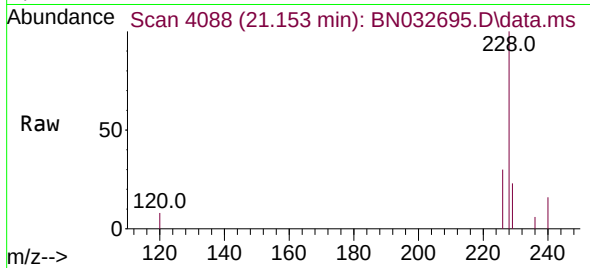
Tgt Ion:202 Resp: 29418
Ion Ratio Lower Upper
202 100
101 13.9 11.8 17.6
100 11.3 9.6 14.4





#21
Benzo(a)anthracene
Concen: 0.366 ng/u1
RT: 21.153 min Scan# 4088
Delta R.T. -0.029 min
Lab File: BN032695.D
Acq: 13 Jul 2024 05:28

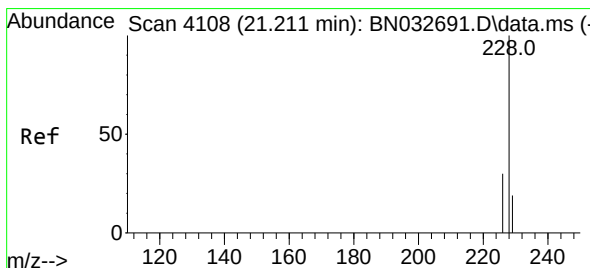
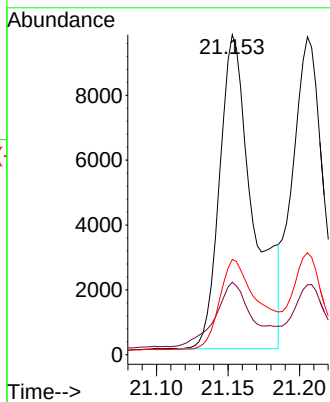
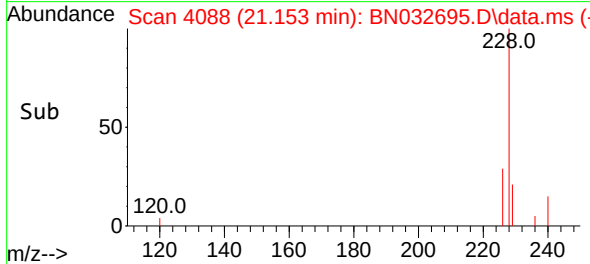
Instrument :
BNA_N
ClientSampleId :
A4CB5DL



Tgt Ion:228 Resp: 15690
Ion Ratio Lower Upper
228 100
229 22.6 16.1 24.1
226 29.7 21.9 32.9

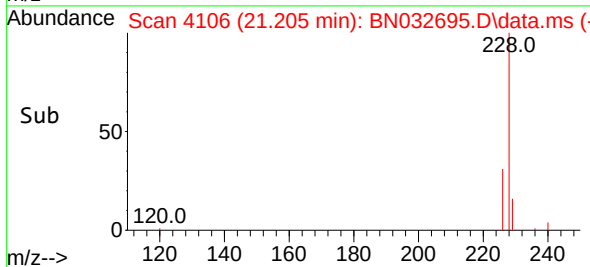
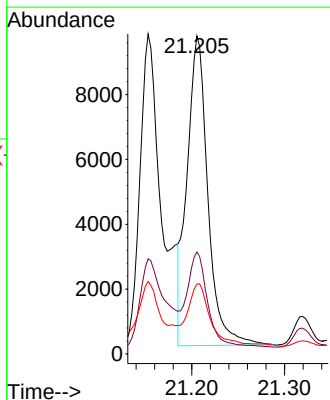
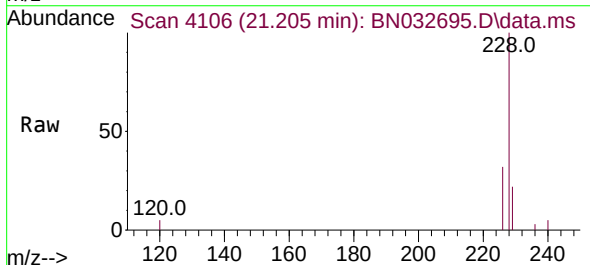
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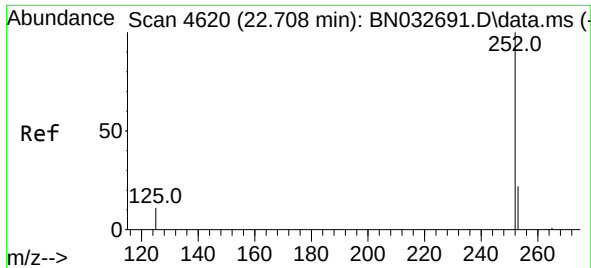
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#22
Chrysene
Concen: 0.240 ng/u1
RT: 21.205 min Scan# 4106
Delta R.T. -0.026 min
Lab File: BN032695.D
Acq: 13 Jul 2024 05:28

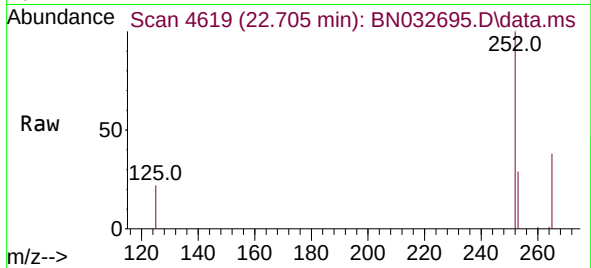
Tgt Ion:228 Resp: 14893
Ion Ratio Lower Upper
228 100
226 32.1 24.0 36.0
229 22.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.441 ng/ul m
RT: 22.705 min Scan# 4619
Delta R.T. -0.029 min
Lab File: BN032695.D
Acq: 13 Jul 2024 05:28

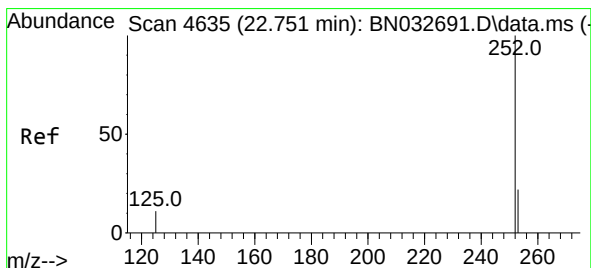
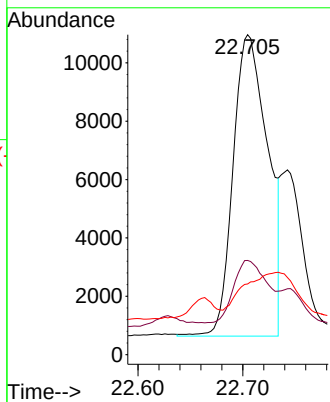
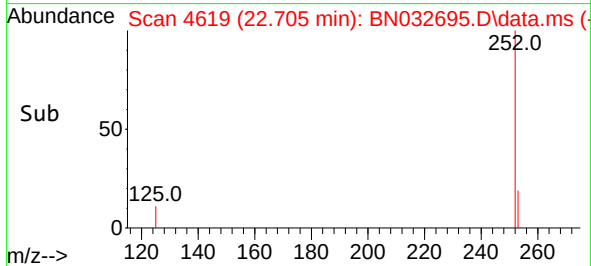
Instrument :
BNA_N
ClientSampleId :
A4CB5DL



Tgt Ion:252 Resp: 23798
Ion Ratio Lower Upper
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253 29.4 0.0 54.0
125 22.1 0.0 36.0

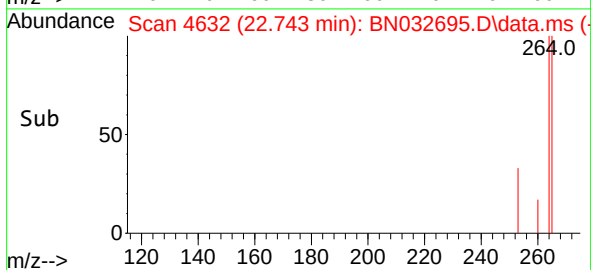
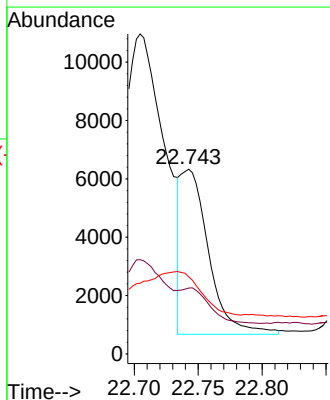
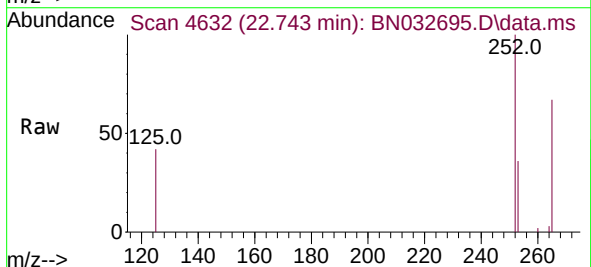
Manual Integrations
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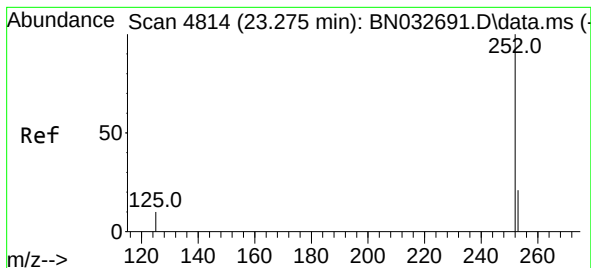
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#25
Benzo(k)fluoranthene
Concen: 0.132 ng/ul m
RT: 22.743 min Scan# 4632
Delta R.T. -0.035 min
Lab File: BN032695.D
Acq: 13 Jul 2024 05:28

Tgt Ion:252 Resp: 8667
Ion Ratio Lower Upper
252 100
253 35.7 21.2 31.8#
125 41.7 14.8 22.2#





#26

Benzo(a)pyrene

Concen: 0.354 ng/ul

RT: 23.263 min Scan# 4814

Delta R.T. -0.047 min

Lab File: BN032695.D

Acq: 13 Jul 2024 05:28

Instrument :

BNA_N

ClientSampleId :

A4CB5DL

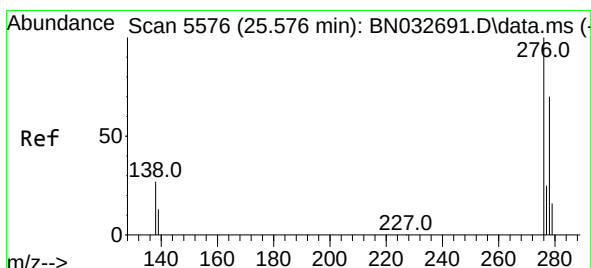
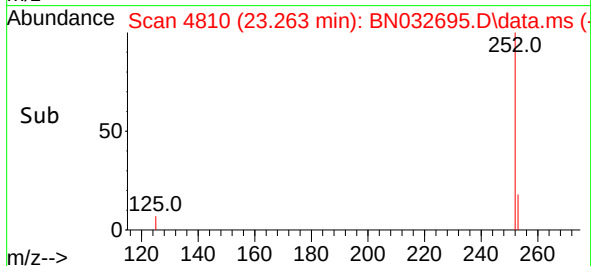
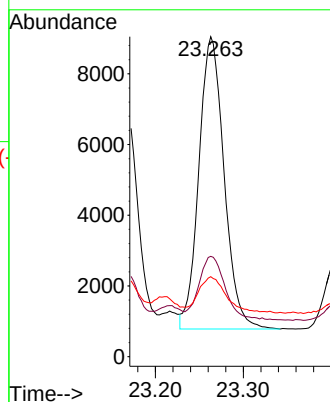
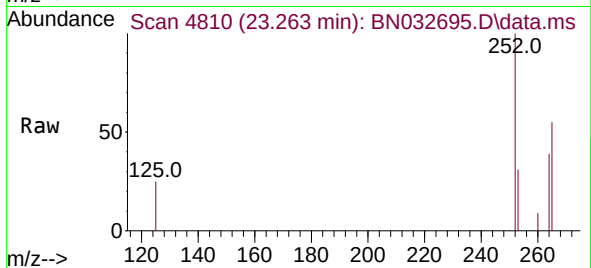
Tgt Ion:	252	Resp:	16508
Ion Ratio	Lower	Upper	
252	100		
253	31.3	25.4	38.0
125	25.0	20.6	30.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/13/2024

Supervised By :mohammad ahmed 07/16/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.202 ng/ul

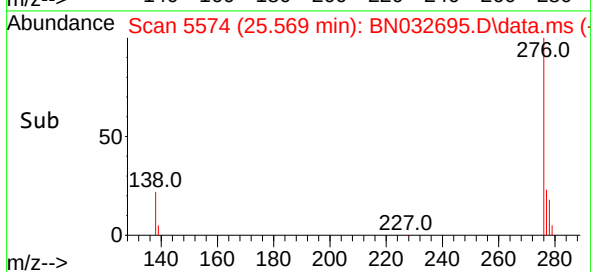
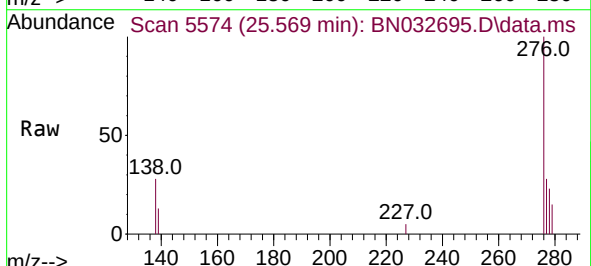
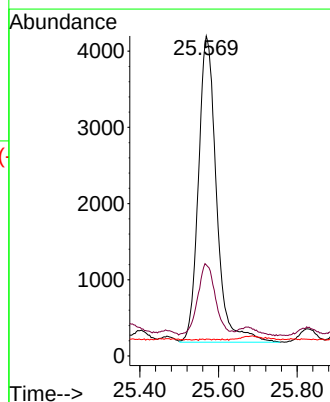
RT: 25.569 min Scan# 5574

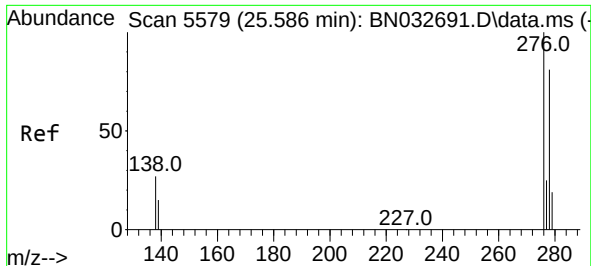
Delta R.T. -0.057 min

Lab File: BN032695.D

Acq: 13 Jul 2024 05:28

Tgt Ion:	276	Resp:	12779
Ion Ratio	Lower	Upper	
276	100		
138	23.2	21.6	32.4
227	0.1	0.0	0.0





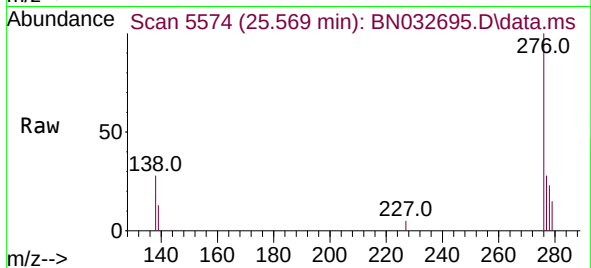
#28
Dibenzo(a,h)anthracene
Concen: 0.058 ng/ul
RT: 25.569 min Scan# 5579
Delta R.T. -0.071 min
Lab File: BN032695.D
Acq: 13 Jul 2024 05:28

Instrument :

BNA_N

ClientSampleId :

A4CB5DL



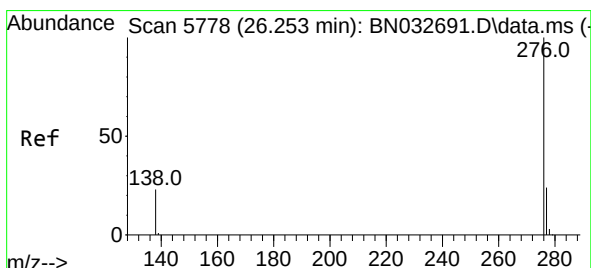
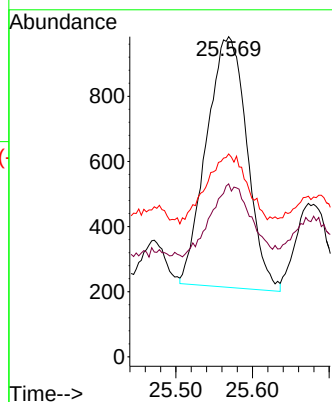
Tgt Ion:278 Resp: 2829
Ion Ratio Lower Upper
278 100
139 54.0 16.6 24.8
279 63.4 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/13/2024

Supervised By :mohammad ahmed 07/16/2024



#29
Benzo(g,h,i)perylene
Concen: 0.244 ng/ul
RT: 26.250 min Scan# 5777
Delta R.T. -0.050 min
Lab File: BN032695.D
Acq: 13 Jul 2024 05:28

Tgt Ion:276 Resp: 12908
Ion Ratio Lower Upper
276 100
138 29.3 21.0 31.4
277 28.7 20.6 31.0

