

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032698.D
 Acq On : 13 Jul 2024 07:16
 Operator : MA/JU
 Sample : P3087-11DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CE9DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 15 08:55:16 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	6598	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.320	136	20185	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.201	164	10201	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.956	188	17120	0.400	ng/ul	-0.04
17) Chrysene-d12	21.169	240	13868	0.400	ng/ul	-0.02
23) Perylene-d12	23.364	264	17762	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	5738	0.724	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.937	152	1519	0.050	ng/ul	-0.03
18) Fluoranthene-d10	18.998	212	2383	0.053	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.370	128	1987	0.037	ng/ul#	86
10) Acenaphthylene	13.919	152	3214	0.078	ng/ul#	94
11) Acenaphthene	14.261	153	1394	0.041	ng/ul	96
12) Fluorene	15.260	166	1487	0.038	ng/ul#	97
15) Phenanthrene	16.998	178	32813	0.704	ng/ul	99
16) Anthracene	17.095	178	6416	0.168	ng/ul#	95
19) Fluoranthene	19.025	202	71498	1.268	ng/ul	99
20) Pyrene	19.393	202	52448	0.899	ng/ul	99
21) Benzo(a)anthracene	21.155	228	34283	0.777	ng/ul	96
22) Chrysene	21.207	228	35671	0.559	ng/ul	97
24) Benzo(b)fluoranthene	22.706	252	55915m	0.892	ng/ul	
25) Benzo(k)fluoranthene	22.744	252	19542m	0.256	ng/ul	
26) Benzo(a)pyrene	23.265	252	18533	0.342	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.571	276	19753	0.269	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.568	278	6475	0.114	ng/ul#	72
29) Benzo(g,h,i)perylene	26.255	276	2650	0.043	ng/ul#	58

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

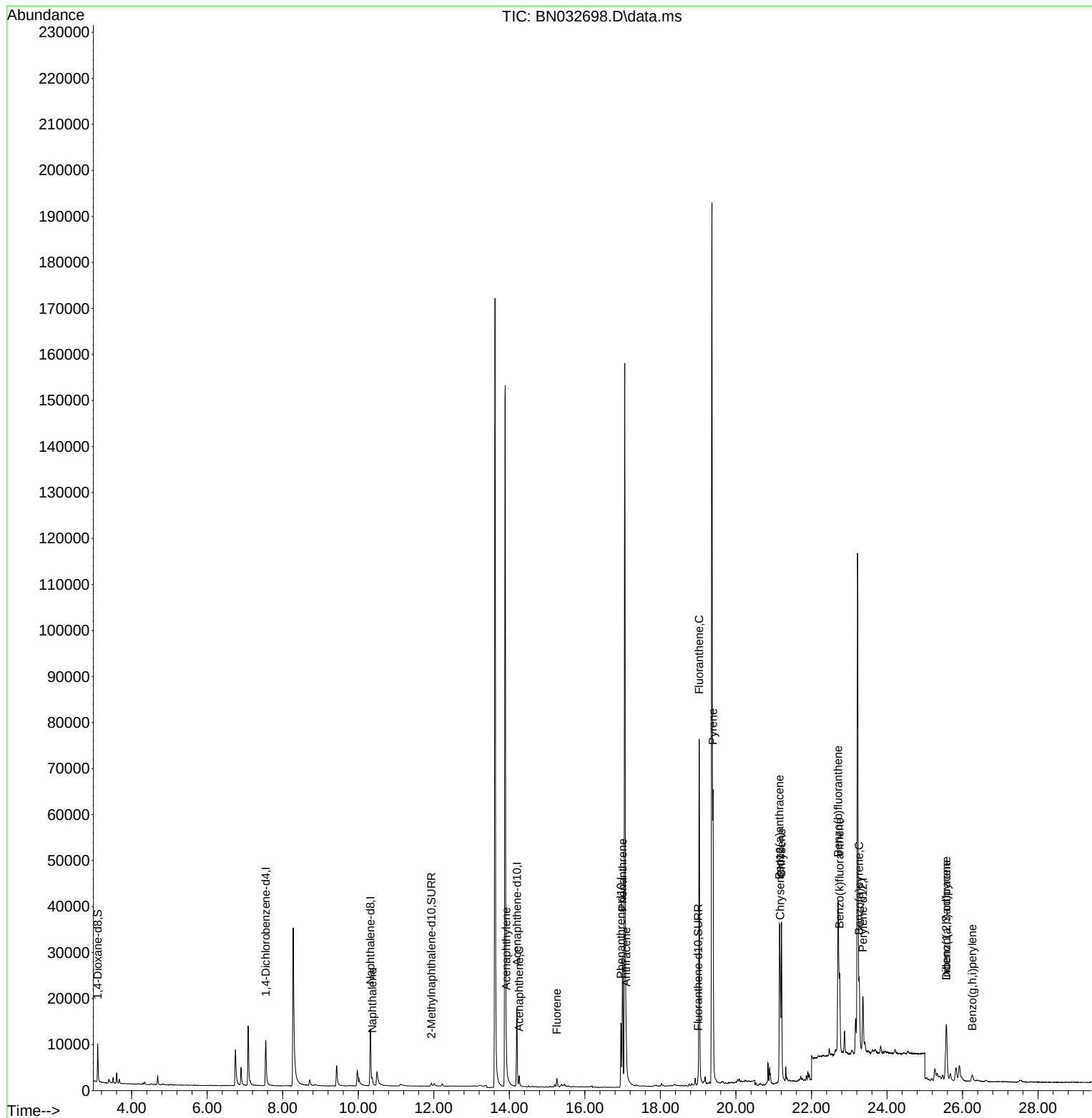
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032698.D
Acq On : 13 Jul 2024 07:16
Operator : MA/JU
Sample : P3087-11DL 5X
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ALS Vial : 38 Sample Multiplier: 1

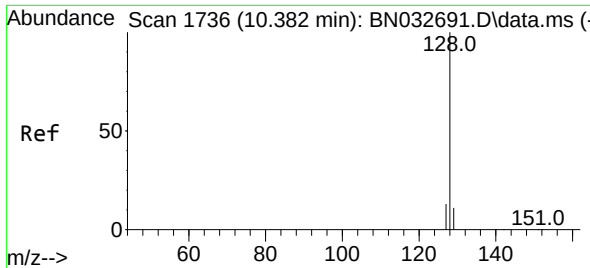
Instrument :
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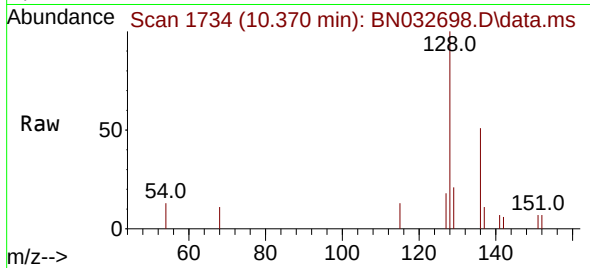
Quant Time: Jul 15 08:55:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.037 ng/u1
RT: 10.370 min Scan# 1734
Delta R.T. -0.040 min
Lab File: BN032698.D
Acq: 13 Jul 2024 07:16

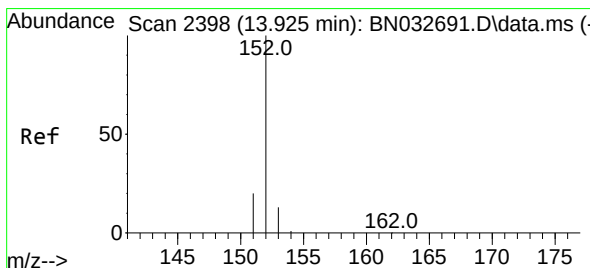
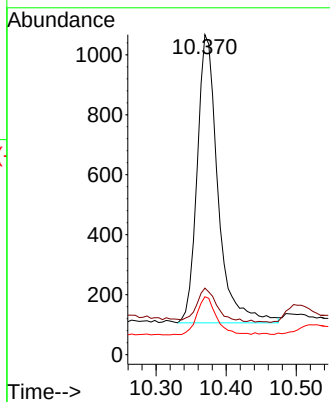
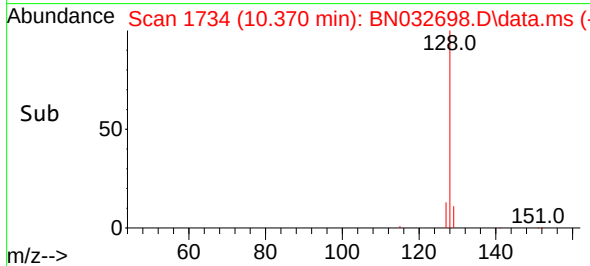
Instrument :
BNA_N
ClientSampleId :
A4CE9DL



Tgt Ion:128 Resp: 198
Ion Ratio Lower Upper
128 100
129 20.8 10.0 15.0
127 18.1 11.6 17.4

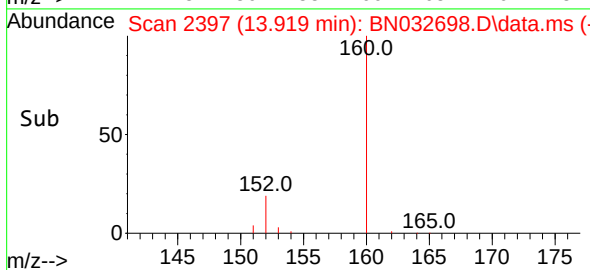
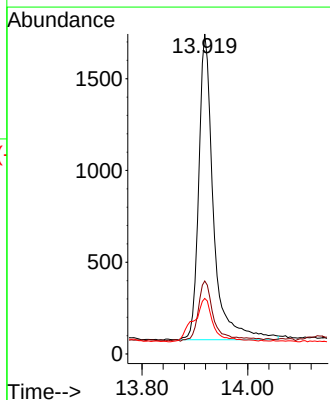
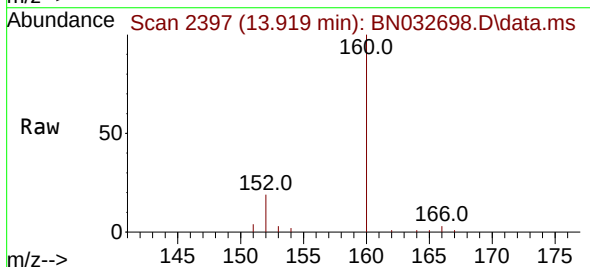
Manual Integrations
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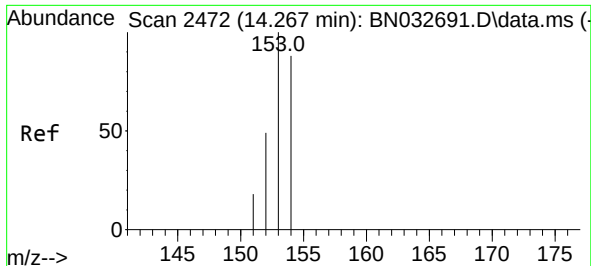
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#10
Acenaphthylene
Concen: 0.078 ng/u1
RT: 13.919 min Scan# 2397
Delta R.T. -0.024 min
Lab File: BN032698.D
Acq: 13 Jul 2024 07:16

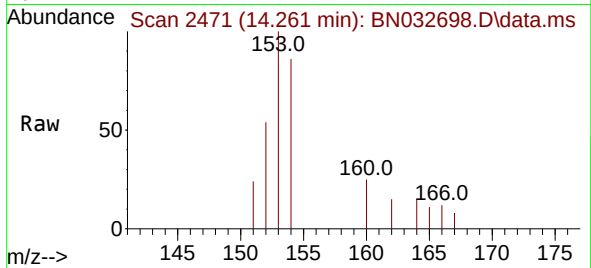
Tgt Ion:152 Resp: 3214
Ion Ratio Lower Upper
152 100
151 22.8 16.3 24.5
153 17.4 11.3 16.9





#11
Acenaphthene
Concen: 0.041 ng/ul
RT: 14.261 min Scan# 2471
Delta R.T. -0.020 min
Lab File: BN032698.D
Acq: 13 Jul 2024 07:16

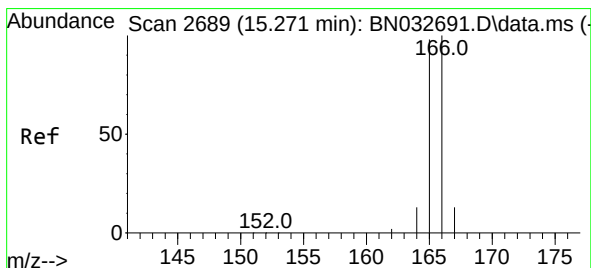
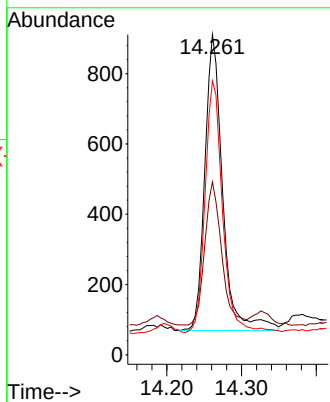
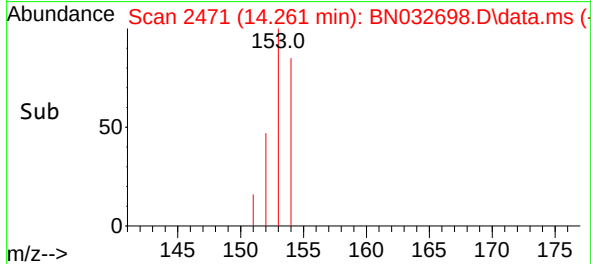
Instrument :
BNA_N
ClientSampleId :
A4CE9DL



Tgt Ion:153 Resp: 1394
Ion Ratio Lower Upper
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152 54.0 40.0 60.0
154 85.5 70.2 105.4

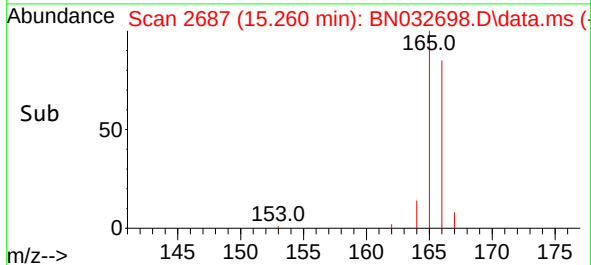
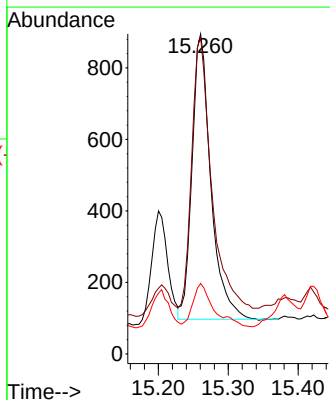
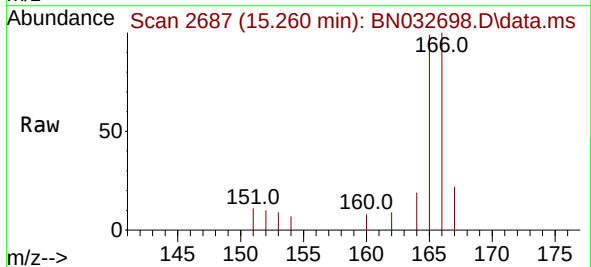
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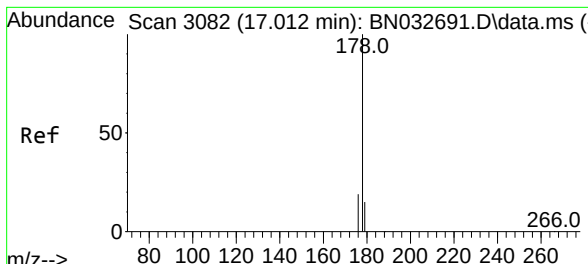
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#12
Fluorene
Concen: 0.038 ng/ul
RT: 15.260 min Scan# 2687
Delta R.T. -0.029 min
Lab File: BN032698.D
Acq: 13 Jul 2024 07:16

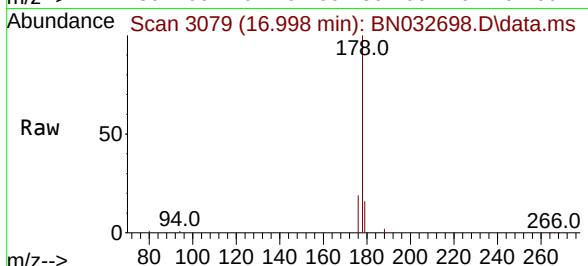
Tgt Ion:166 Resp: 1487
Ion Ratio Lower Upper
166 100
165 99.0 79.7 119.5
167 22.0 11.4 17.2#





#15
 Phenanthrene
 Concen: 0.704 ng/ul
 RT: 16.998 min Scan# 3079
 Delta R.T. -0.031 min
 Lab File: BN032698.D
 Acq: 13 Jul 2024 07:16

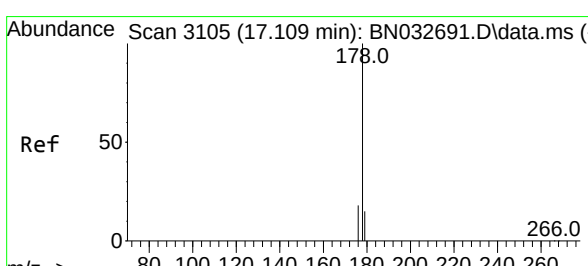
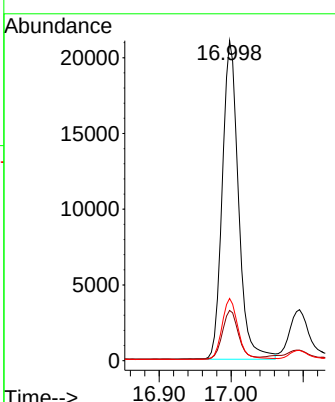
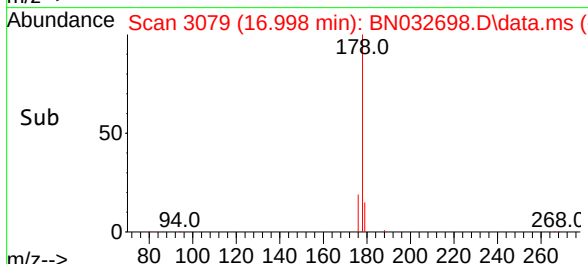
Instrument :
 BNA_N
 ClientSampleId :
 A4CE9DL



Tgt Ion:	178	Resp:	3281
Ion Ratio	Lower	Upper	
178	100		
179	15.7	13.0	19.4
176	19.4	15.6	23.4

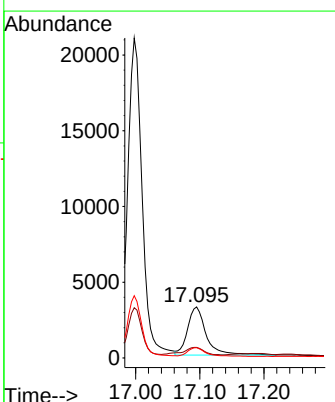
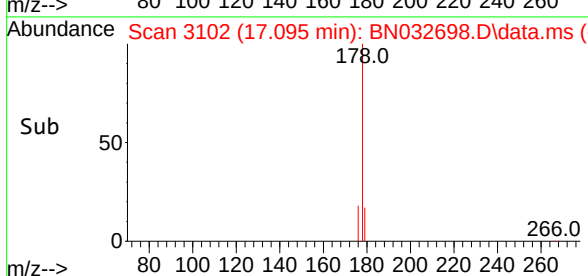
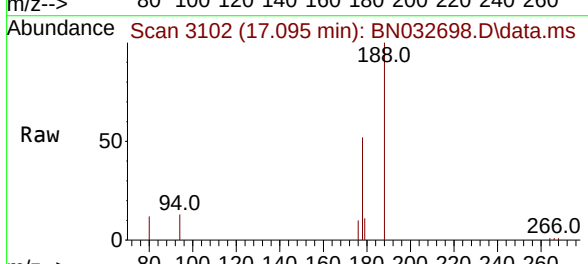
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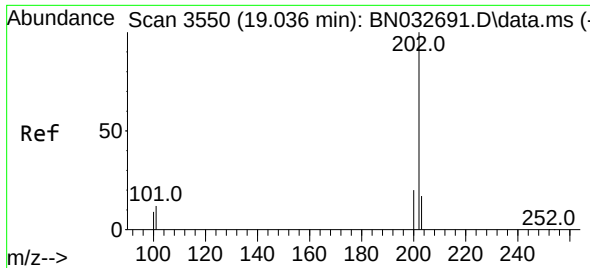
Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024



#16
 Anthracene
 Concen: 0.168 ng/ul
 RT: 17.095 min Scan# 3102
 Delta R.T. -0.043 min
 Lab File: BN032698.D
 Acq: 13 Jul 2024 07:16

Tgt Ion:	178	Resp:	6416
Ion Ratio	Lower	Upper	
178	100		
179	20.7	13.4	20.2
176	20.2	15.4	23.0





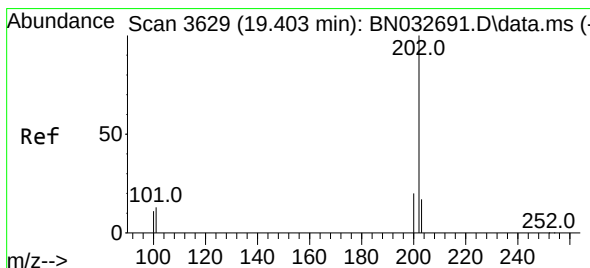
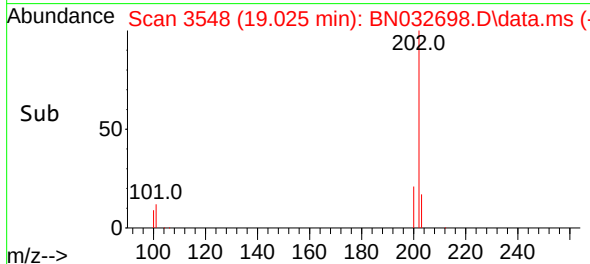
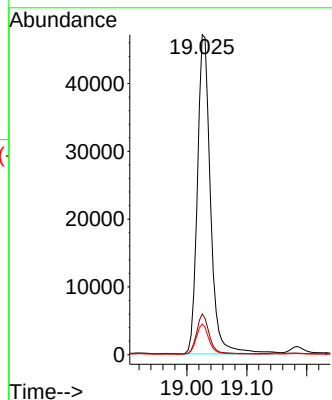
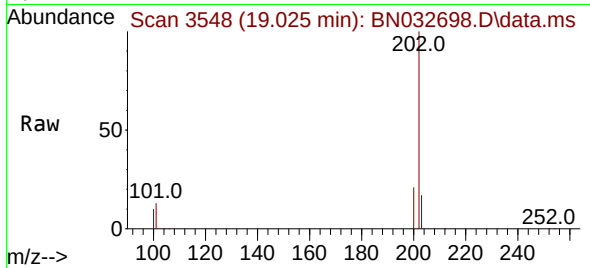
#19
Fluoranthene
Concen: 1.268 ng/u1
RT: 19.025 min Scan# 3548
Delta R.T. -0.029 min
Lab File: BN032698.D
Acq: 13 Jul 2024 07:16

Instrument :
BNA_N
ClientSampleId :
A4CE9DL

Tgt Ion:202 Resp: 71498
Ion Ratio Lower Upper
202 100
101 12.7 9.8 14.8
100 9.6 7.9 11.9

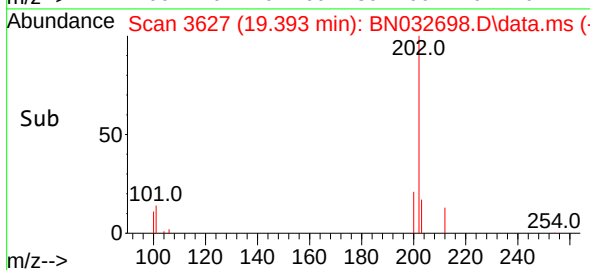
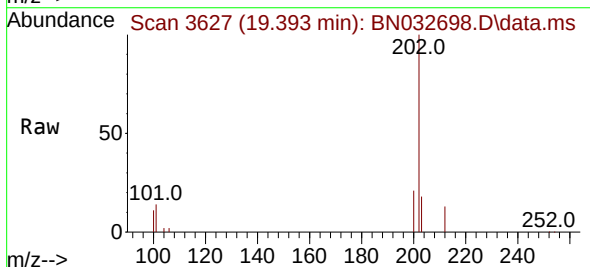
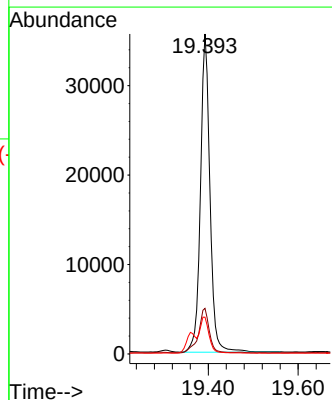
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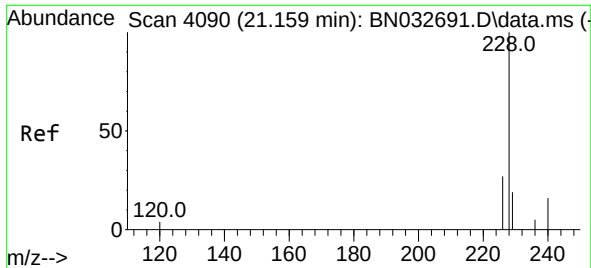
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#20
Pyrene
Concen: 0.899 ng/u1
RT: 19.393 min Scan# 3627
Delta R.T. -0.029 min
Lab File: BN032698.D
Acq: 13 Jul 2024 07:16

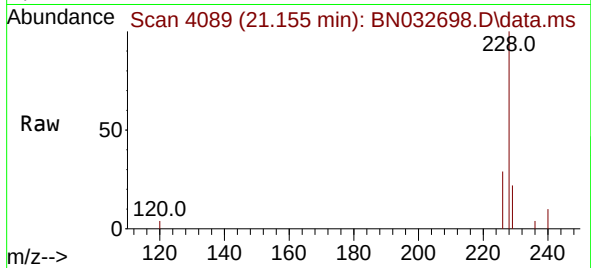
Tgt Ion:202 Resp: 52448
Ion Ratio Lower Upper
202 100
101 14.2 11.8 17.6
100 11.5 9.6 14.4





#21
Benzo(a)anthracene
Concen: 0.777 ng/ul
RT: 21.155 min Scan# 4090
Delta R.T. -0.028 min
Lab File: BN032698.D
Acq: 13 Jul 2024 07:16

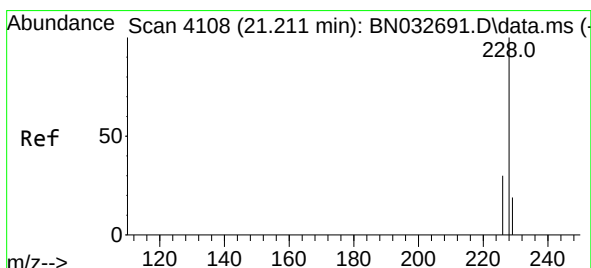
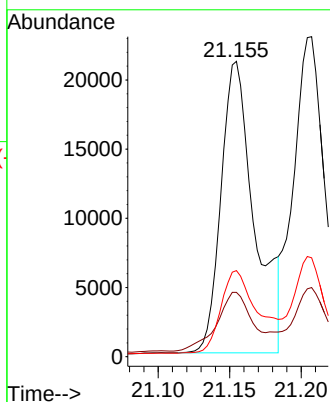
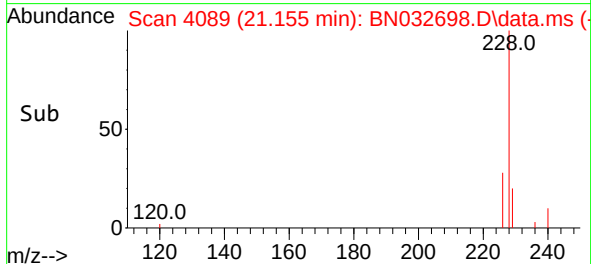
Instrument :
BNA_N
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A4CE9DL



Tgt Ion:228 Resp: 3428
Ion Ratio Lower Upper
228 100
229 21.8 16.1 24.1
226 29.2 21.9 32.9

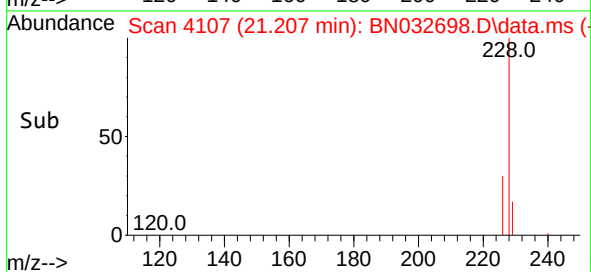
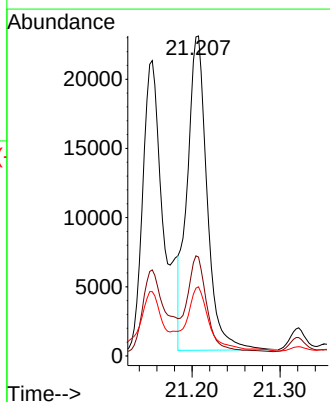
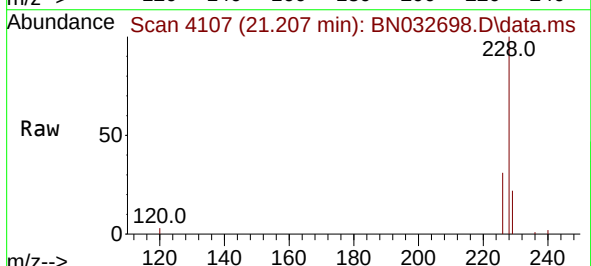
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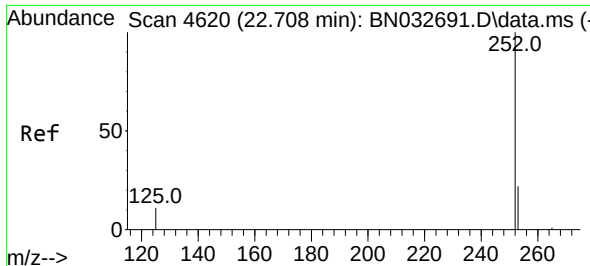
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#22
Chrysene
Concen: 0.559 ng/ul
RT: 21.207 min Scan# 4107
Delta R.T. -0.025 min
Lab File: BN032698.D
Acq: 13 Jul 2024 07:16

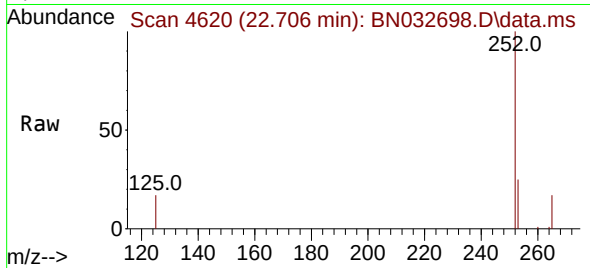
Tgt Ion:228 Resp: 35671
Ion Ratio Lower Upper
228 100
226 30.9 24.0 36.0
229 21.6 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.892 ng/ul m
RT: 22.706 min Scan# 4620
Delta R.T. -0.028 min
Lab File: BN032698.D
Acq: 13 Jul 2024 07:16

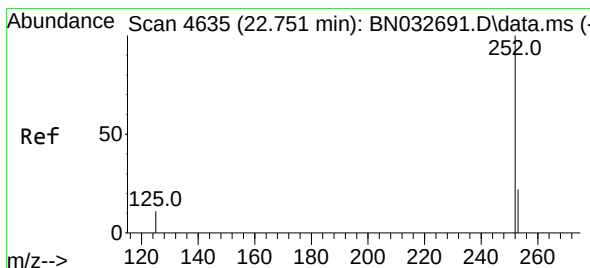
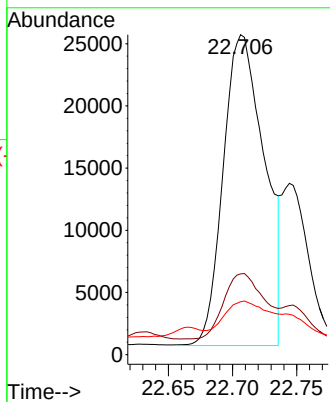
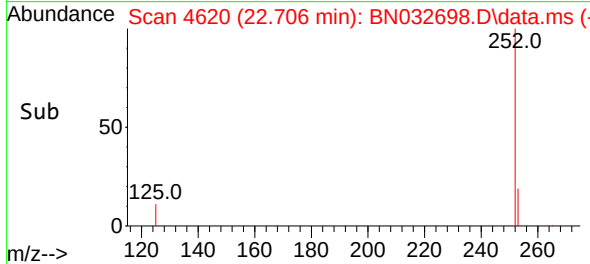
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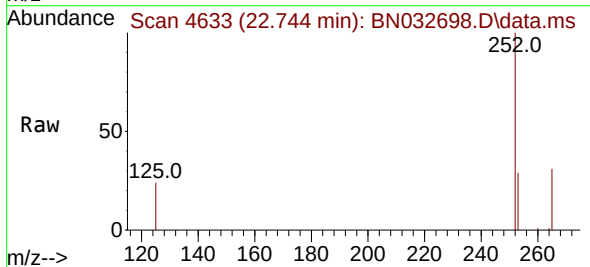
Tgt Ion:252 Resp: 5591
Ion Ratio Lower Upper
252 100
253 25.3 0.0 54.0
125 16.6 0.0 36.0

Manual Integrations
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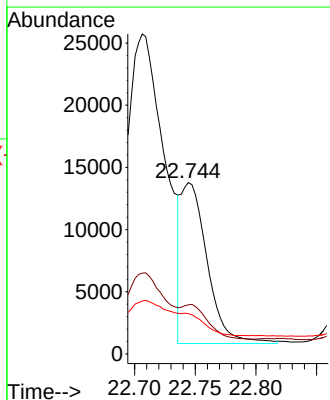
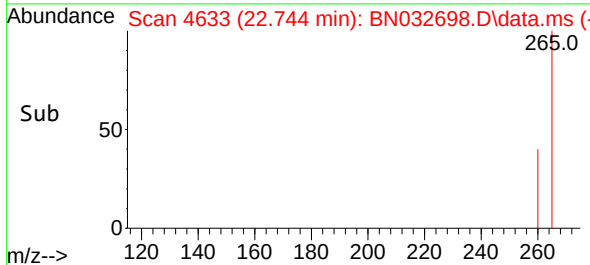
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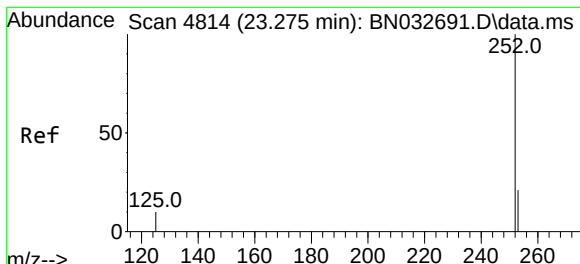


#25
Benzo(k)fluoranthene
Concen: 0.256 ng/ul m
RT: 22.744 min Scan# 4633
Delta R.T. -0.033 min
Lab File: BN032698.D
Acq: 13 Jul 2024 07:16



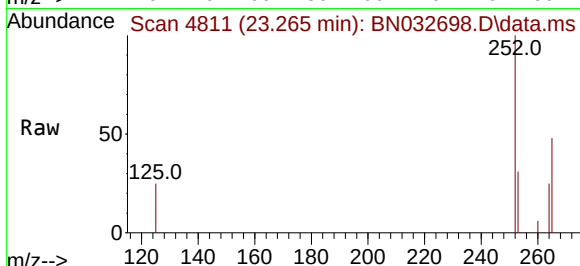
Tgt Ion:252 Resp: 19542
Ion Ratio Lower Upper
252 100
253 28.7 21.2 31.8
125 23.5 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.342 ng/ul
RT: 23.265 min Scan# 4811
Delta R.T. -0.045 min
Lab File: BN032698.D
Acq: 13 Jul 2024 07:16

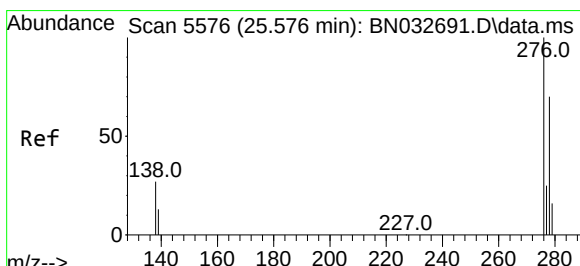
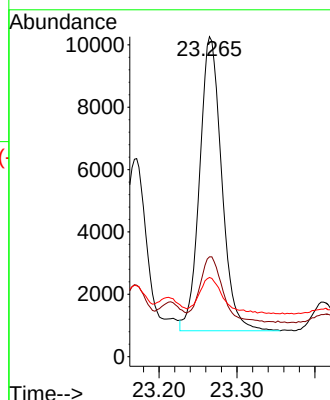
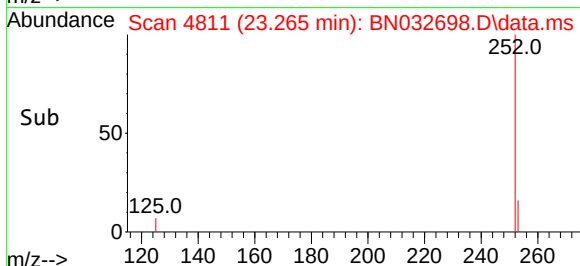
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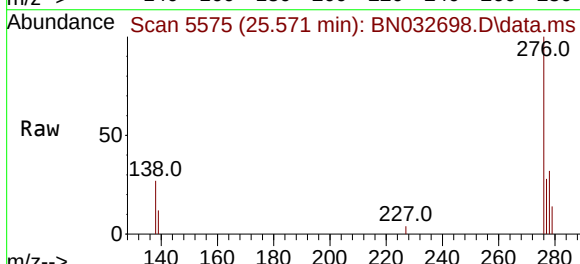
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125 24.7 20.6 30.8

Manual Integrations
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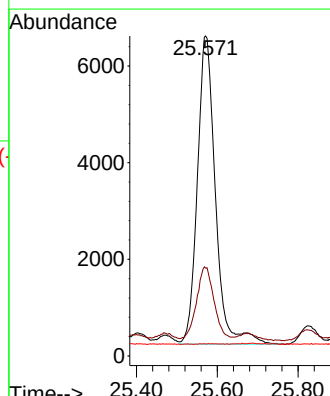
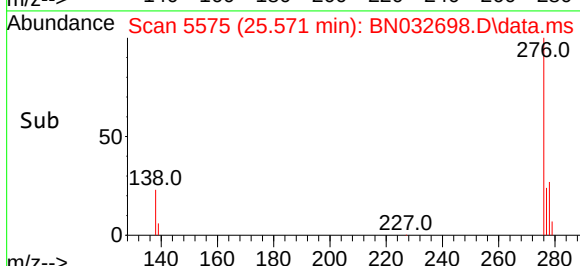
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

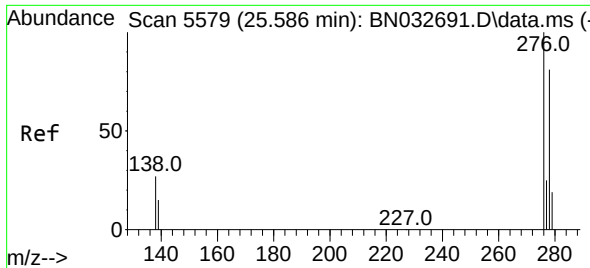


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.269 ng/ul
RT: 25.571 min Scan# 5575
Delta R.T. -0.055 min
Lab File: BN032698.D
Acq: 13 Jul 2024 07:16



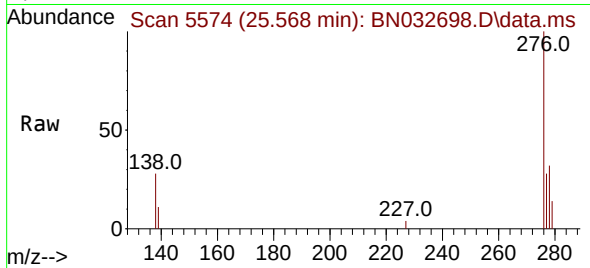
Tgt Ion:276 Resp: 19753
Ion Ratio Lower Upper
276 100
138 23.0 21.6 32.4
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.114 ng/ul
RT: 25.568 min Scan# 5579
Delta R.T. -0.072 min
Lab File: BN032698.D
Acq: 13 Jul 2024 07:16

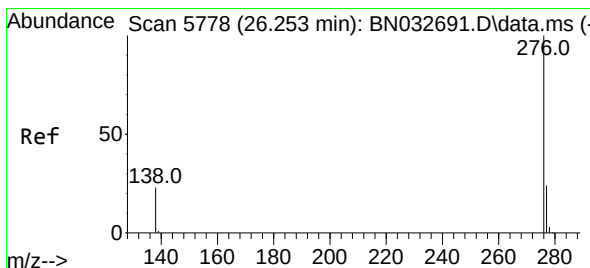
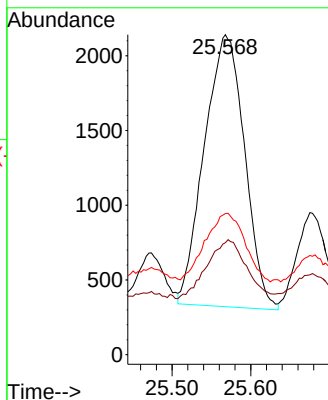
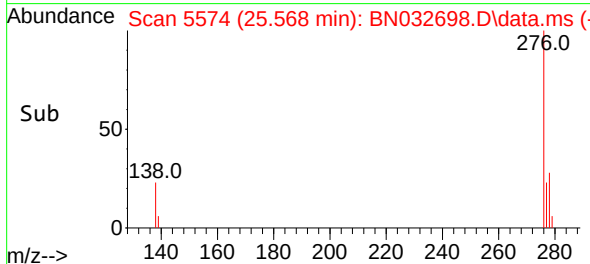
Instrument :
BNA_N
ClientSampleId :
A4CE9DL



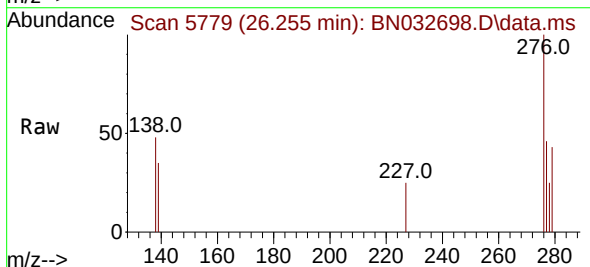
Tgt Ion:278 Resp: 6479
Ion Ratio Lower Upper
278 100
139 35.0 16.6 24.8#
279 44.1 23.7 35.5#

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#29
Benzo(g,h,i)perylene
Concen: 0.043 ng/ul
RT: 26.255 min Scan# 5779
Delta R.T. -0.045 min
Lab File: BN032698.D
Acq: 13 Jul 2024 07:16



Tgt Ion:276 Resp: 2650
Ion Ratio Lower Upper
276 100
138 48.0 21.0 31.4#
277 46.3 20.6 31.0#

