

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032380.D
 Acq On : 02 Jul 2024 02:09
 Operator : MA/JU
 Sample : P2934-09DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CP5DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 02:35:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	8480	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.382	136	26095	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	14126	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.008	188	24817	0.400	ng/ul	-0.02
17) Chrysene-d12	21.211	240	18782	0.400	ng/ul	-0.01
23) Perylene-d12	23.424	264	22094	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	5796	0.615	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152	1564	0.040	ng/ul	-0.02
18) Fluoranthene-d10	19.045	212	2703	0.048	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.437	128	2259	0.033	ng/ul#	85
10) Acenaphthylene	13.975	152	3809	0.065	ng/ul#	90
11) Acenaphthene	14.318	153	2568	0.056	ng/ul	97
12) Fluorene	15.313	166	2832	0.052	ng/ul#	98
15) Phenanthrene	17.050	178	56391	0.829	ng/ul	100
16) Anthracene	17.143	178	10872	0.179	ng/ul#	96
19) Fluoranthene	19.073	202	115730	1.618	ng/ul	98
20) Pyrene	19.440	202	87019	1.164	ng/ul	99
21) Benzo(a)anthracene	21.194	228	53144	0.784	ng/ul	97
22) Chrysene	21.246	228	52445	0.705	ng/ul	97
24) Benzo(b)fluoranthene	22.760	252	76771m	0.800	ng/ul	
25) Benzo(k)fluoranthene	22.798	252	30003m	0.322	ng/ul	
26) Benzo(a)pyrene	23.327	252	29275	0.438	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.656	276	28706	0.275	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.660	278	8901	0.115	ng/ul#	67
29) Benzo(g,h,i)perylene	26.347	276	4269	0.051	ng/ul#	59

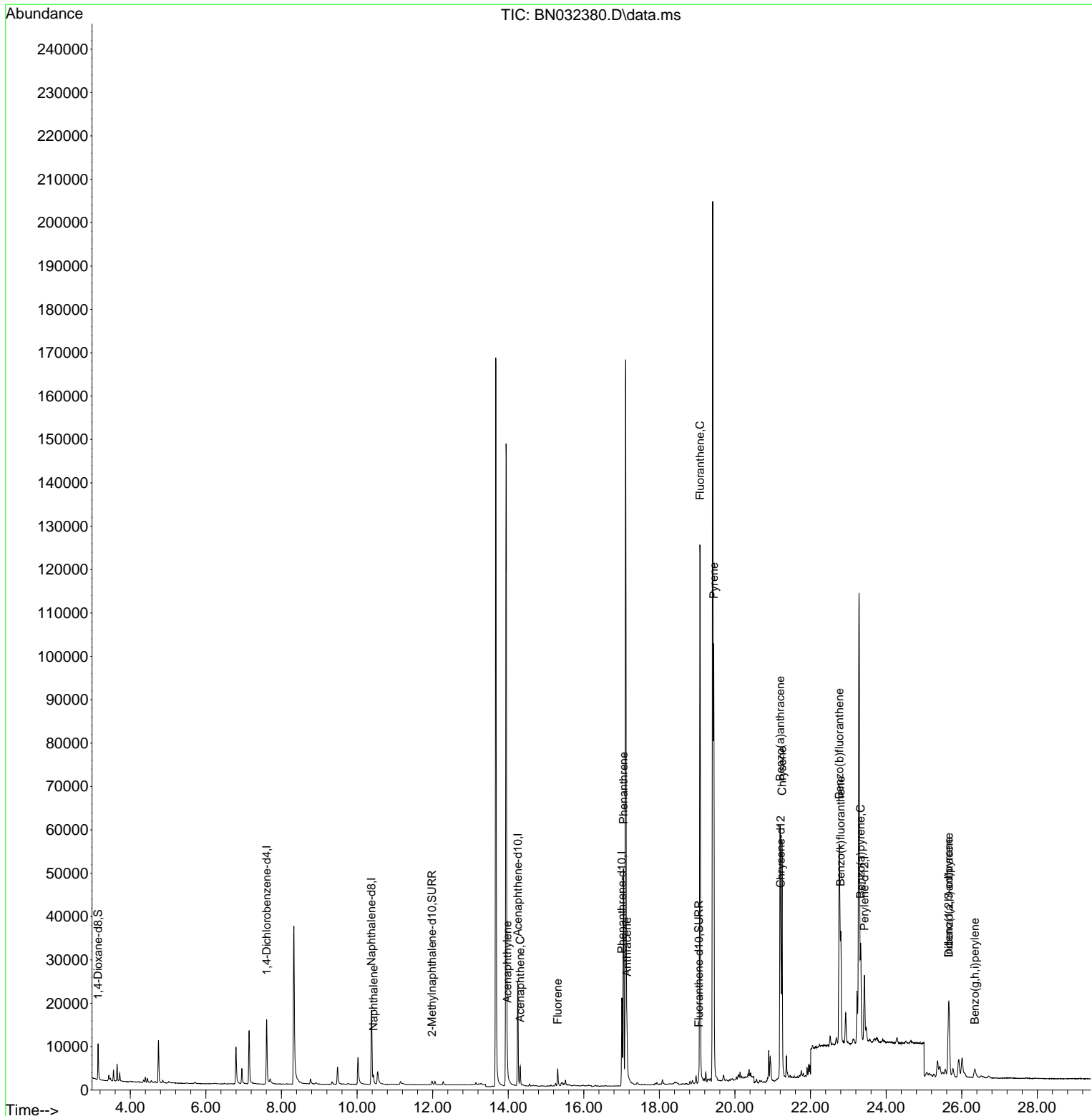
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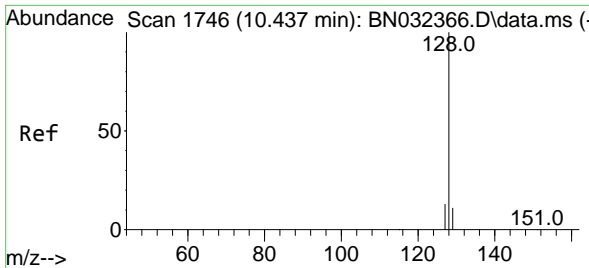
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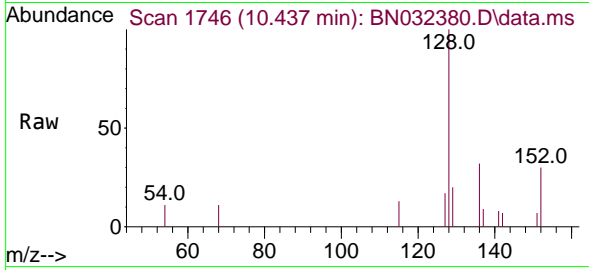
Manual Integrations
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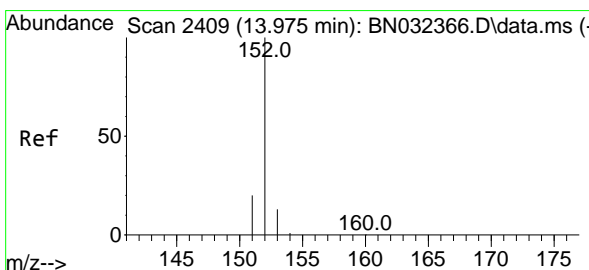
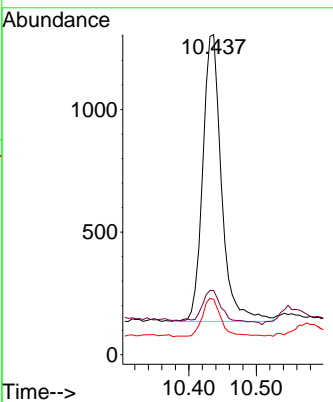
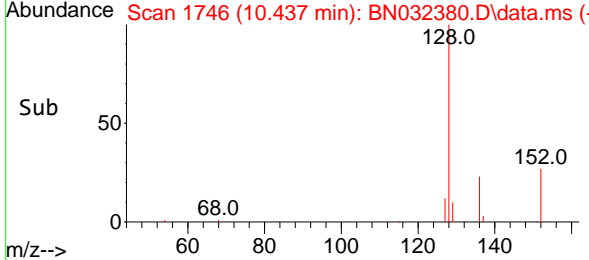
#5
 Naphthalene
 Concen: 0.033 ng/u1
 RT: 10.437 min Scan# 11
 Delta R.T. -0.011 min
 Lab File: BN032380.D
 Acq: 02 Jul 2024 02:09

Instrument : BNA_N
 ClientSampleId : A4CP5DL

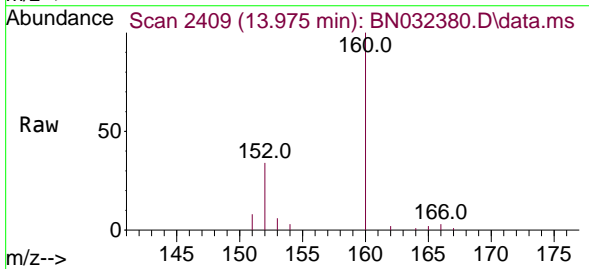


Tgt Ion:128 Resp: 2259
 Ion Ratio Lower Upper
 128 100
 129 20.1 9.2 13.8
 127 17.3 10.8 16.2

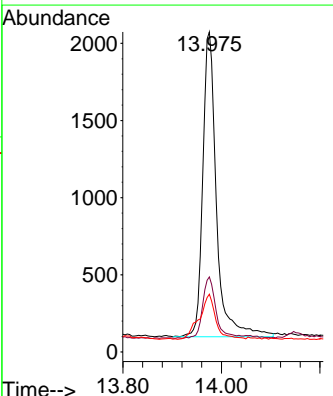
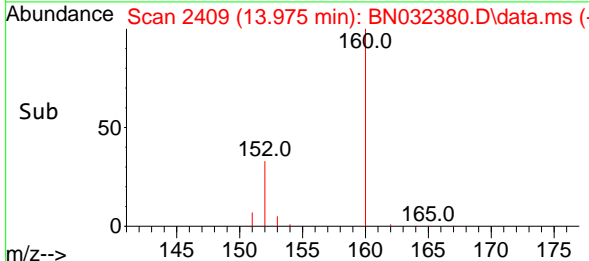
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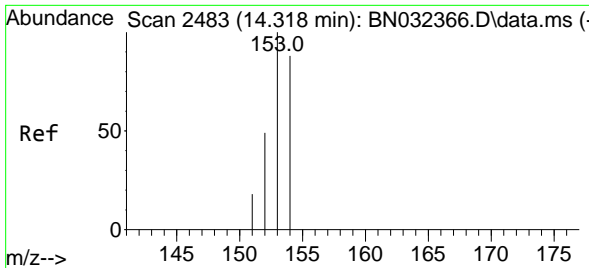


#10
 Acenaphthylene
 Concen: 0.065 ng/u1
 RT: 13.975 min Scan# 2409
 Delta R.T. -0.014 min
 Lab File: BN032380.D
 Acq: 02 Jul 2024 02:09



Tgt Ion:152 Resp: 3809
 Ion Ratio Lower Upper
 152 100
 151 23.5 15.7 23.5
 153 18.1 10.9 16.3





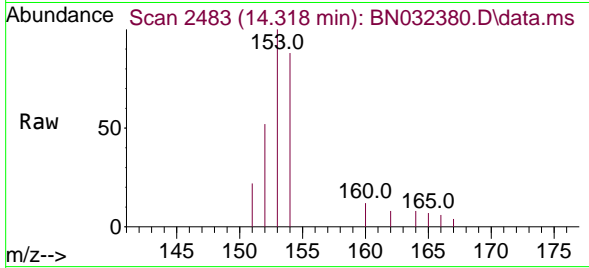
#11
 Acenaphthene
 Concen: 0.056 ng/u1
 RT: 14.318 min Scan# 2483
 Delta R.T. -0.014 min
 Lab File: BN032380.D
 Acq: 02 Jul 2024 02:09

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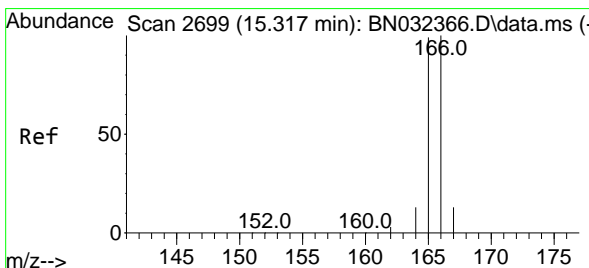
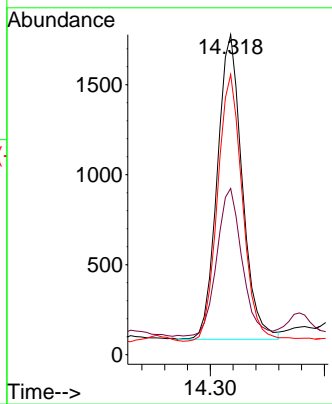
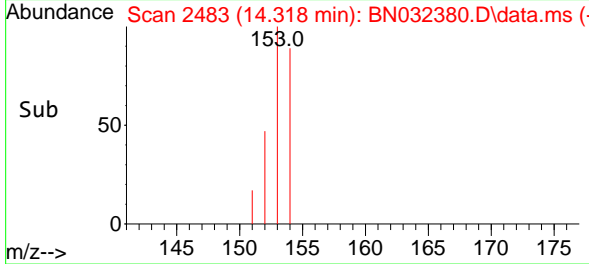


Tgt Ion:153 Resp: 2568
 Ion Ratio Lower Upper
 153 100
 152 52.0 39.5 59.3
 154 87.6 71.7 107.5

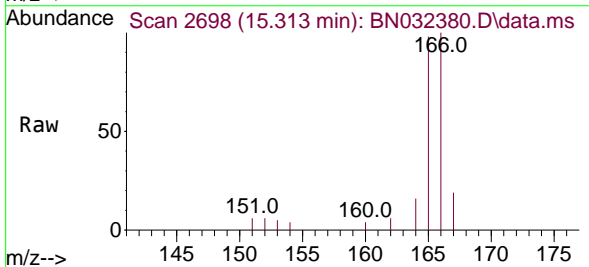
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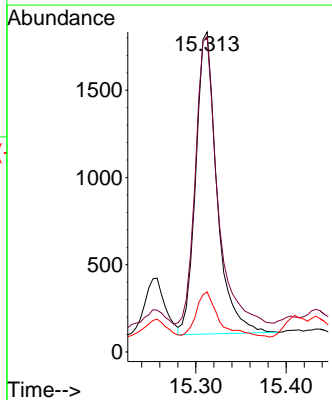
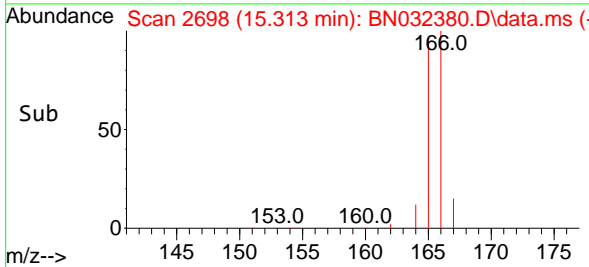
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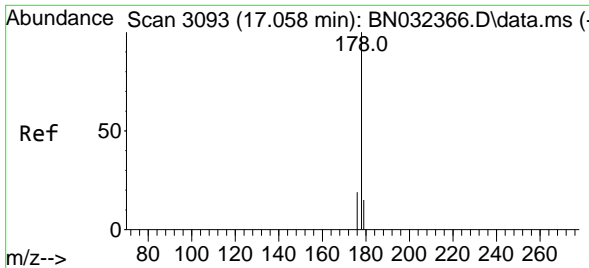


#12
 Fluorene
 Concen: 0.052 ng/u1
 RT: 15.313 min Scan# 2698
 Delta R.T. -0.014 min
 Lab File: BN032380.D
 Acq: 02 Jul 2024 02:09



Tgt Ion:166 Resp: 2832
 Ion Ratio Lower Upper
 166 100
 165 98.5 79.0 118.6
 167 18.8 11.0 16.6#





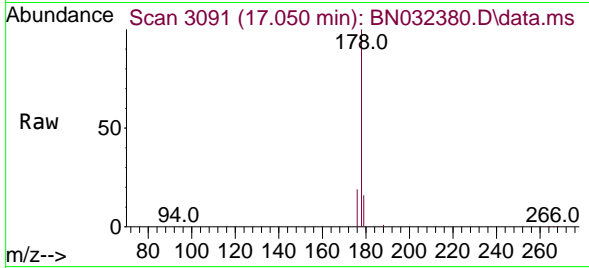
#15
 Phenanthrene
 Concen: 0.829 ng/u1
 RT: 17.050 min Scan# 3093
 Delta R.T. -0.017 min
 Lab File: BN032380.D
 Acq: 02 Jul 2024 02:09

Instrument :

BNA_N

ClientSampleId :

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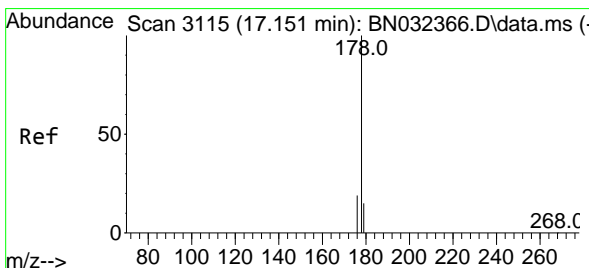
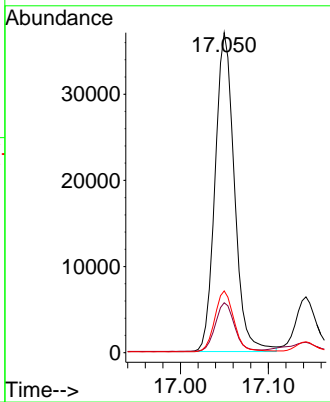
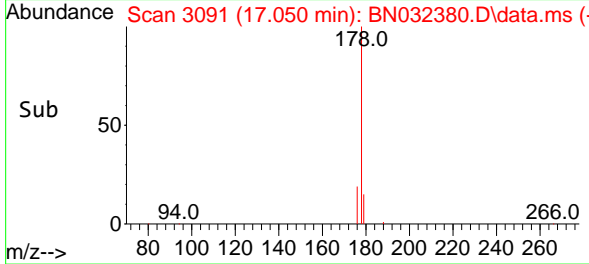


Tgt Ion:178 Resp: 5639
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.6 18.8
 176 19.3 15.6 23.4

Manual Integrations

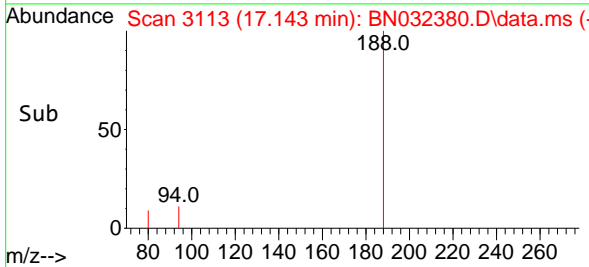
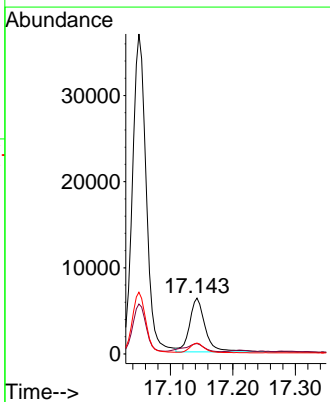
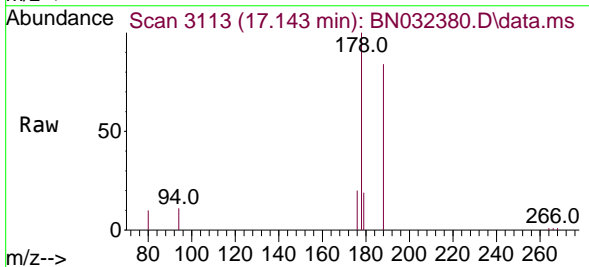
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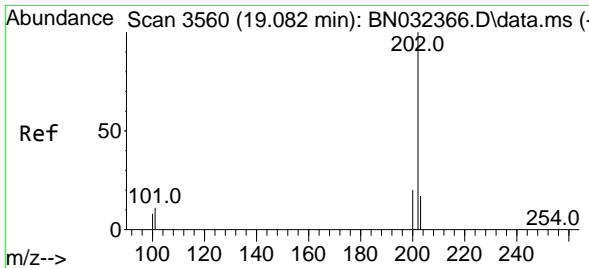
Reviewed By :Jagrut Upadhyay 07/02/2024
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#16
 Anthracene
 Concen: 0.179 ng/u1
 RT: 17.143 min Scan# 3113
 Delta R.T. -0.017 min
 Lab File: BN032380.D
 Acq: 02 Jul 2024 02:09

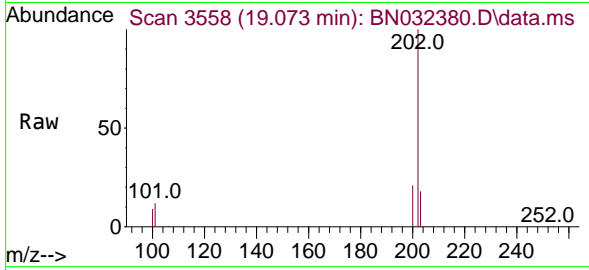
Tgt Ion:178 Resp: 10872
 Ion Ratio Lower Upper
 178 100
 179 18.7 12.5 18.7#
 176 19.5 15.0 22.6





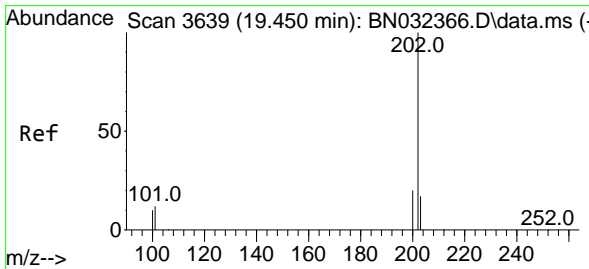
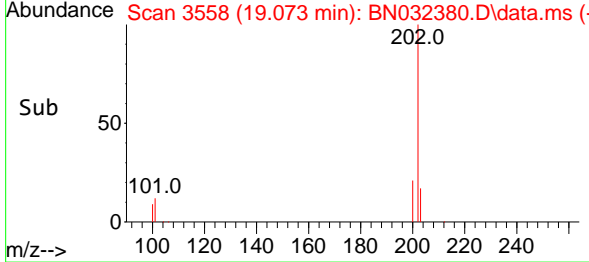
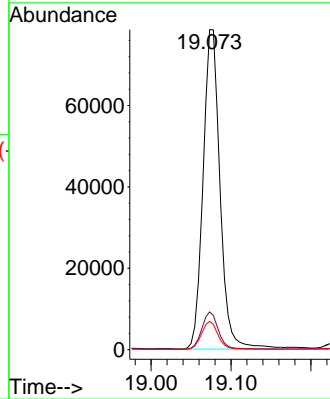
#19
 Fluoranthene
 Concen: 1.618 ng/uI
 RT: 19.073 min Scan# 3558
 Delta R.T. -0.019 min
 Lab File: BN032380.D
 Acq: 02 Jul 2024 02:09

Instrument : BNA_N
 ClientSampleId : A4CP5DL



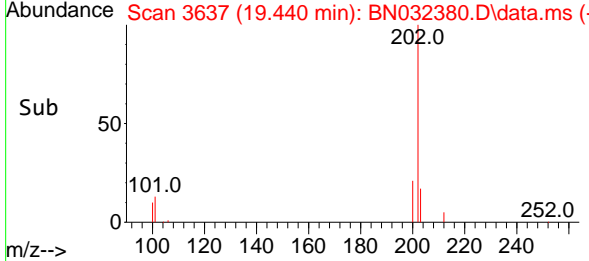
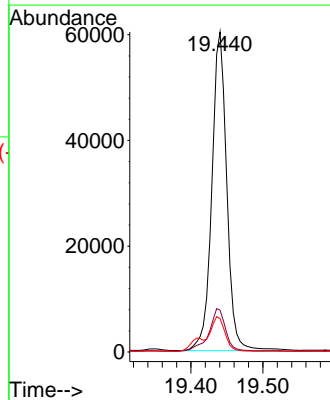
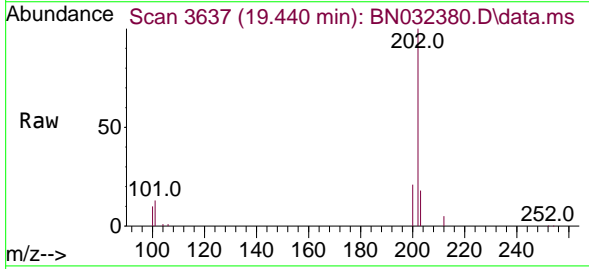
Tgt Ion:202 Resp: 115730
 Ion Ratio Lower Upper
 202 100
 101 11.8 8.8 13.2
 100 8.9 6.4 9.6

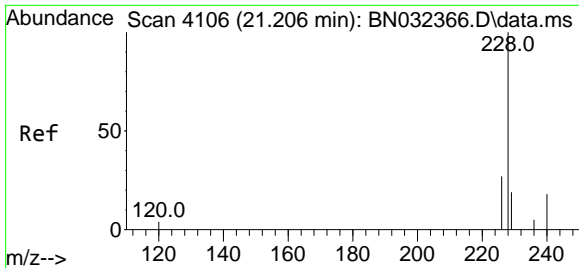
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#20
 Pyrene
 Concen: 1.164 ng/uI
 RT: 19.440 min Scan# 3637
 Delta R.T. -0.014 min
 Lab File: BN032380.D
 Acq: 02 Jul 2024 02:09

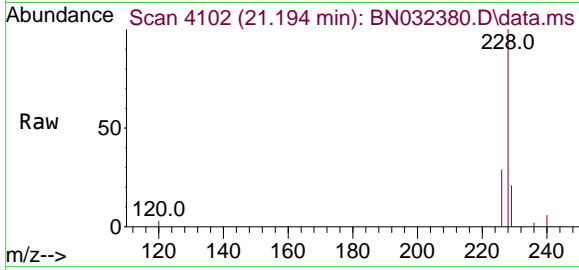
Tgt Ion:202 Resp: 87019
 Ion Ratio Lower Upper
 202 100
 101 13.1 11.0 16.4
 100 10.4 8.7 13.1





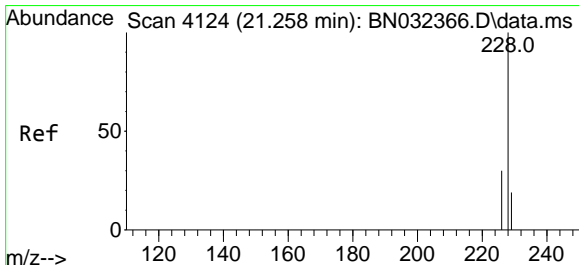
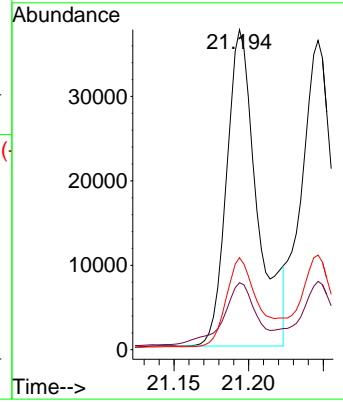
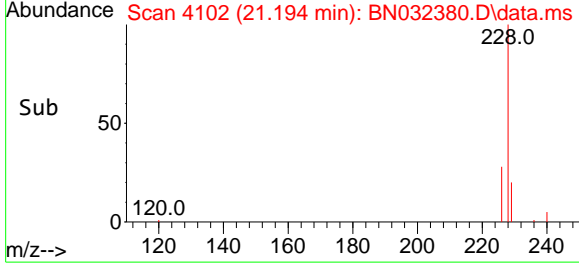
#21
 Benzo(a)anthracene
 Concen: 0.784 ng/u1
 RT: 21.194 min Scan# 4110
 Delta R.T. -0.021 min
 Lab File: BN032380.D
 Acq: 02 Jul 2024 02:09

Instrument : BNA_N
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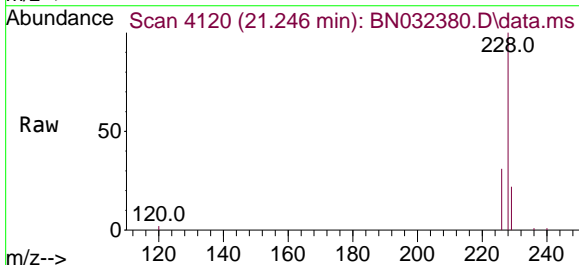


Tgt Ion:228 Resp: 53144
 Ion Ratio Lower Upper
 228 100
 229 20.9 15.7 23.5
 226 28.7 21.8 32.8

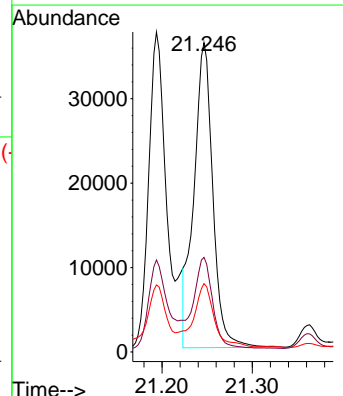
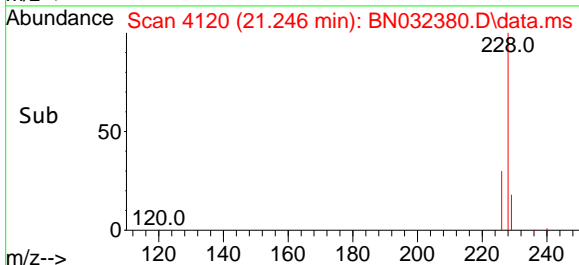
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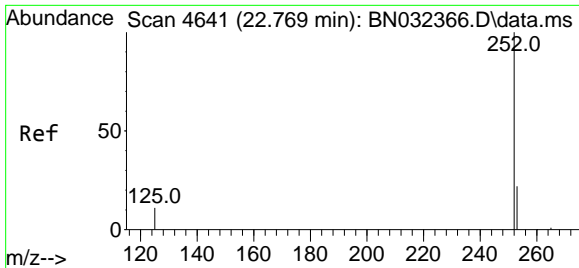


#22
 Chrysene
 Concen: 0.705 ng/u1
 RT: 21.246 min Scan# 4120
 Delta R.T. -0.021 min
 Lab File: BN032380.D
 Acq: 02 Jul 2024 02:09



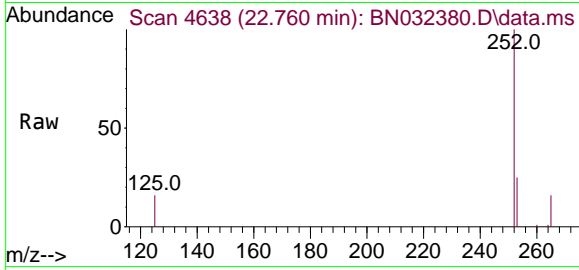
Tgt Ion:228 Resp: 52445
 Ion Ratio Lower Upper
 228 100
 226 30.6 23.6 35.4
 229 22.1 15.7 23.5





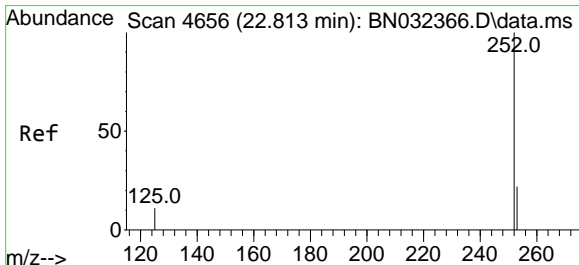
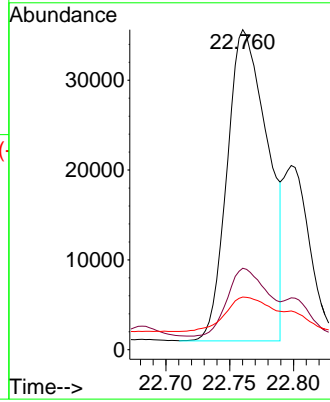
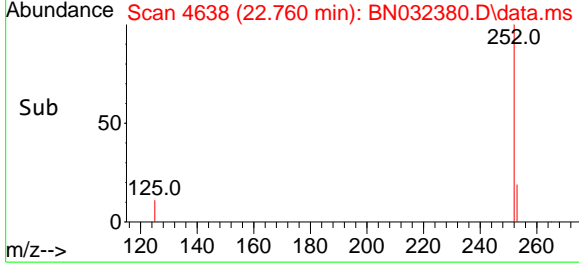
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 Benzo(b)fluoranthene
 Concen: 0.800 ng/ul m
 RT: 22.760 min Scan# 4638
 Delta R.T. -0.023 min
 Lab File: BN032380.D
 Acq: 02 Jul 2024 02:09

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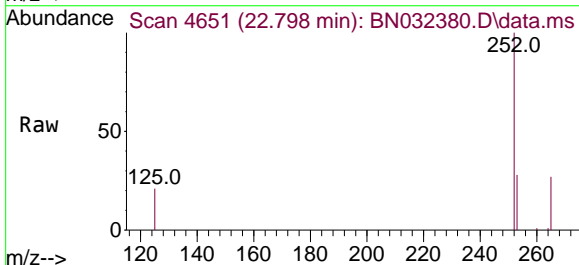


Tgt Ion:252 Resp: 7677
 Ion Ratio Lower Upper
 252 100
 253 25.5 0.0 50.2
 125 16.5 0.0 32.0

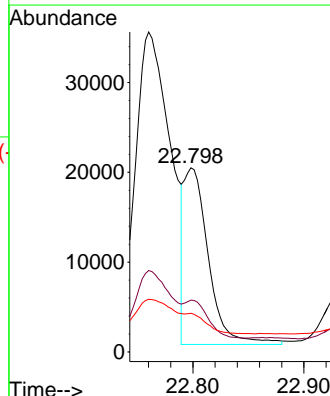
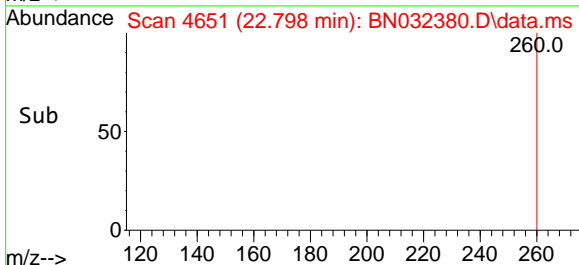
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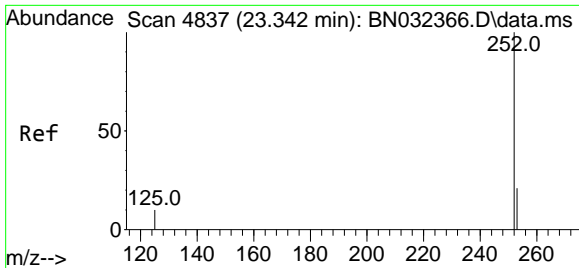


#25
 Benzo(k)fluoranthene
 Concen: 0.322 ng/ul m
 RT: 22.798 min Scan# 4651
 Delta R.T. -0.029 min
 Lab File: BN032380.D
 Acq: 02 Jul 2024 02:09



Tgt Ion:252 Resp: 30003
 Ion Ratio Lower Upper
 252 100
 253 28.2 20.3 30.5
 125 21.0 12.8 19.2#





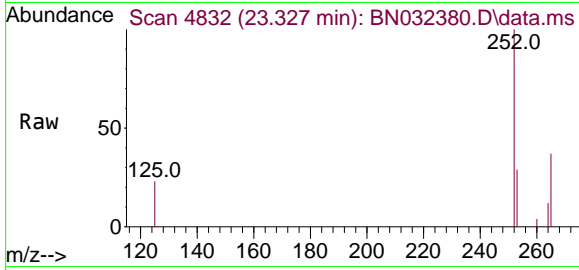
#26
 Benzo(a)pyrene
 Concen: 0.438 ng/u1
 RT: 23.327 min Scan# 4832
 Delta R.T. -0.032 min
 Lab File: BN032380.D
 Acq: 02 Jul 2024 02:09

Instrument :

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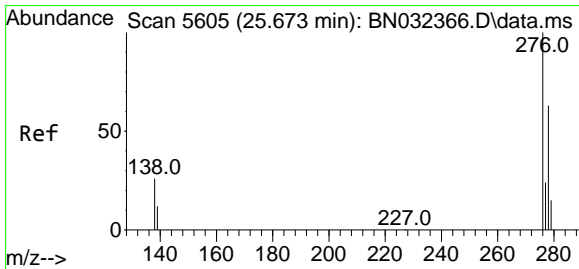
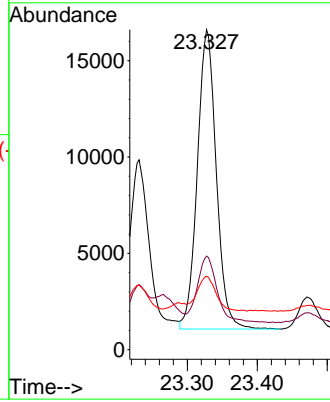
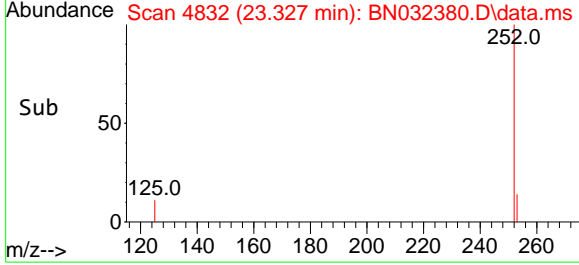
Tgt Ion: 252 Resp: 2927

Ion	Ratio	Lower	Upper
252	100		
253	29.3	22.2	33.2
125	23.0	16.4	24.6

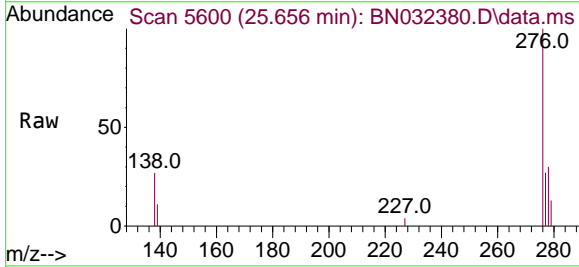
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 Supervised By : mohammad ahmed 07/04/2024

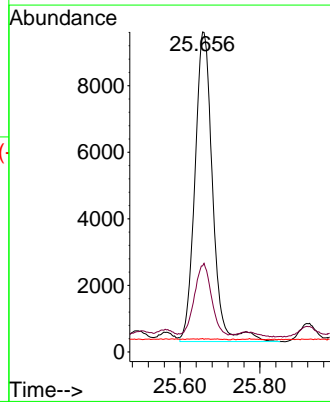
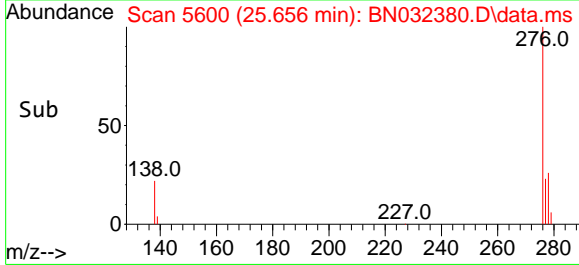


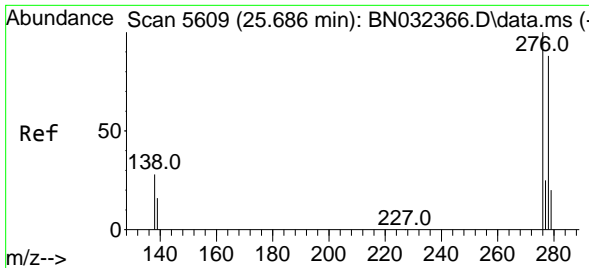
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.275 ng/u1
 RT: 25.656 min Scan# 5600
 Delta R.T. -0.044 min
 Lab File: BN032380.D
 Acq: 02 Jul 2024 02:09



Tgt Ion: 276 Resp: 28706

Ion	Ratio	Lower	Upper
276	100		
138	22.3	21.3	31.9
227	0.0	0.1	0.1





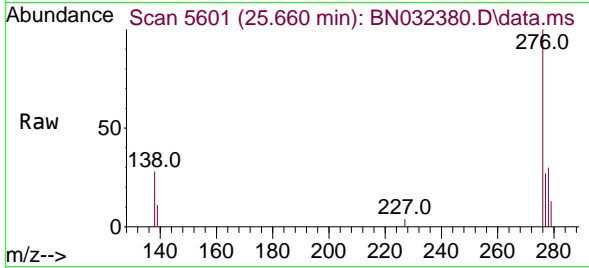
#28
 Dibenzo(a,h)anthracene
 Concen: 0.115 ng/ul
 RT: 25.660 min Scan# 5000
 Delta R.T. -0.050 min
 Lab File: BN032380.D
 Acq: 02 Jul 2024 02:09

Instrument :

BNA_N

ClientSampleId :

A4CP5DL

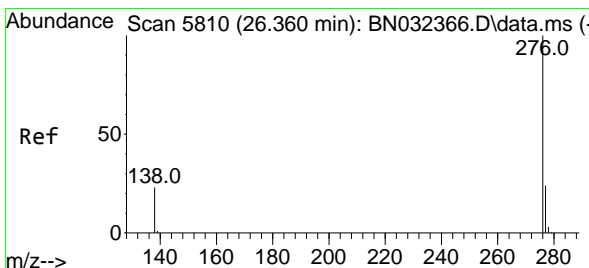
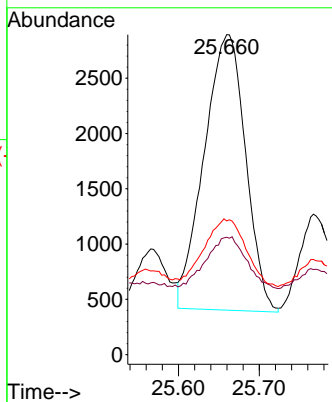
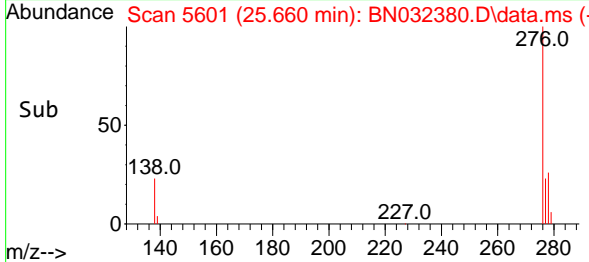


Tgt Ion:278 Resp: 890
 Ion Ratio Lower Upper
 278 100
 139 36.7 15.9 23.9
 279 41.8 21.1 31.7

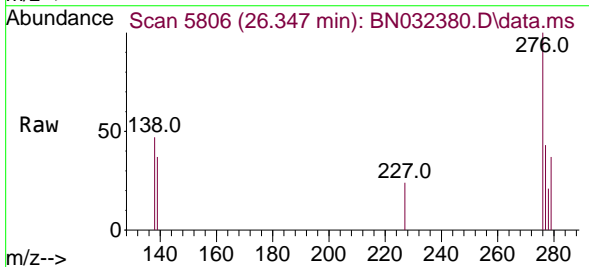
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024



#29
 Benzo(g,h,i)perylene
 Concen: 0.051 ng/ul
 RT: 26.347 min Scan# 5806
 Delta R.T. -0.034 min
 Lab File: BN032380.D
 Acq: 02 Jul 2024 02:09



Tgt Ion:276 Resp: 4269
 Ion Ratio Lower Upper
 276 100
 138 46.8 19.8 29.6#
 277 43.5 19.8 29.6#

