

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
 Data File : BN022276.D
 Acq On : 22 Oct 2022 05:13
 Operator : CG/JU
 Sample : N5064-08DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BP4DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

Quant Time: Oct 22 05:51:21 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:40:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	4856	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	16657	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.618	164	9242	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	17661	0.400	ng/ul	0.00
17) Chrysene-d12	21.570	240	9925	0.400	ng/ul	0.00
23) Perylene-d12	24.031	264	8005	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	5469	0.867	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	1415	0.056	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	2484	0.075	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.822	128	2691	0.055	ng/ul#	93
7) 2-Methylnaphthalene	12.444	142	2108	0.068	ng/ul	99
8) 1-Methylnaphthalene	12.664	142	1686	0.053	ng/ul	100
10) Acenaphthylene	14.341	152	3221	0.078	ng/ul#	95
15) Phenanthrene	17.416	178	10053	0.170	ng/ul	99
16) Anthracene	17.505	178	2461	0.049	ng/ul#	92
19) Fluoranthene	19.440	202	30328	0.667	ng/ul	97
20) Pyrene	19.802	202	25906m	0.567	ng/ul	
21) Benzo(a)anthracene	21.555	228	12993	0.349	ng/ul	96
22) Chrysene	21.608	228	12212	0.310	ng/ul	97
24) Benzo(b)fluoranthene	23.277	252	15386m	0.383	ng/ul	
25) Benzo(k)fluoranthene	23.321	252	5895m	0.151	ng/ul	
26) Benzo(a)pyrene	23.917	252	10848	0.338	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.611	276	7287	0.183	ng/ul	93
28) Dibenzo(a,h)anthracene	26.625	278	1846	0.058	ng/ul#	61
29) Benzo(g,h,i)perylene	27.406	276	5577	0.172	ng/ul	93

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

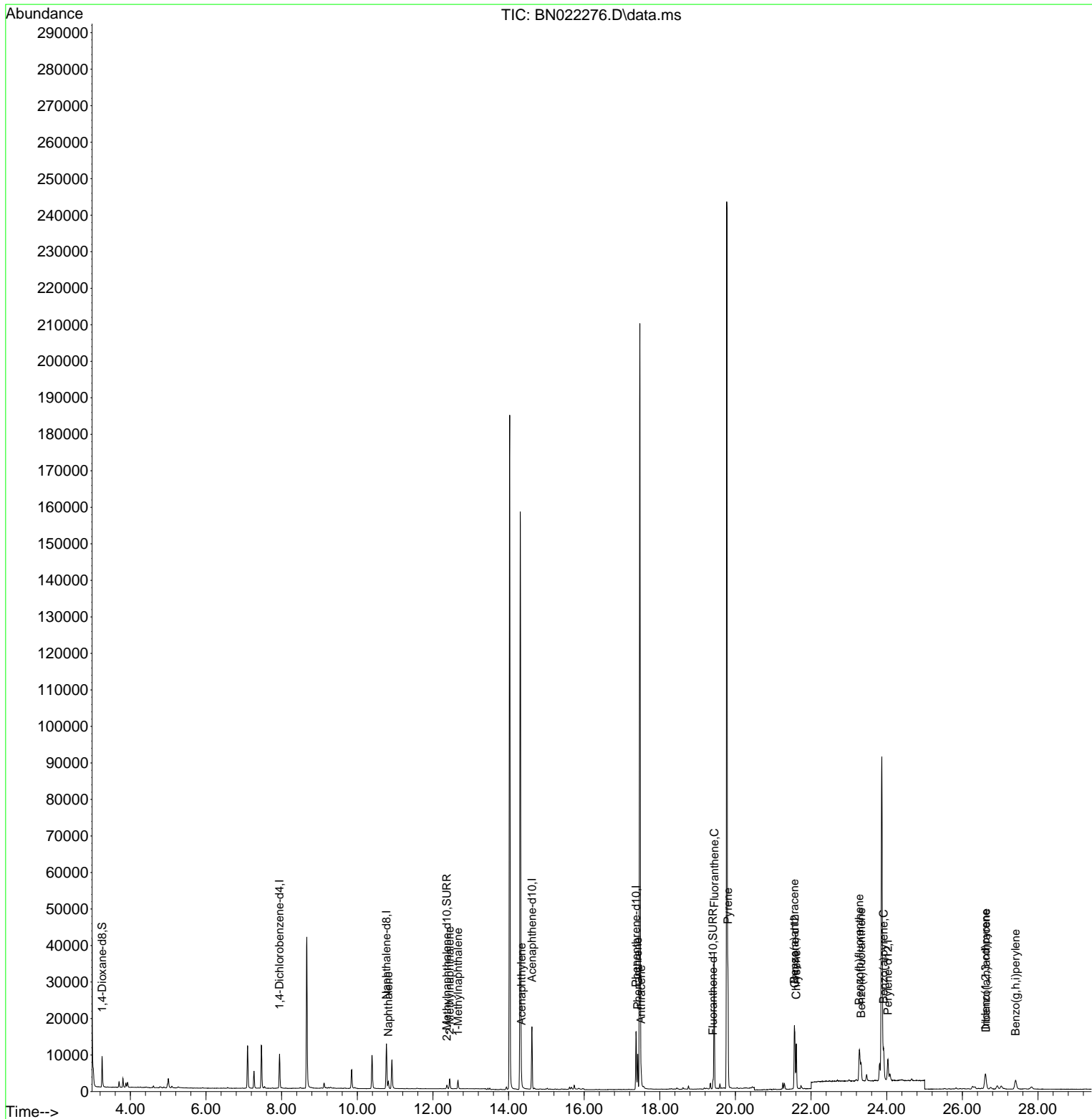
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
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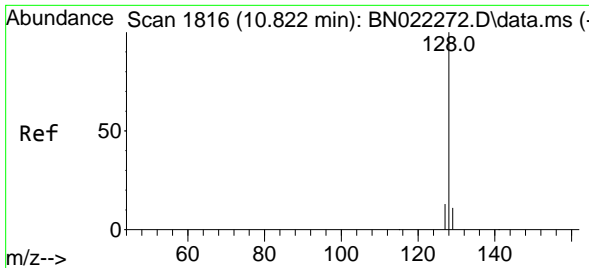
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Quant Time: Oct 22 05:51:21 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
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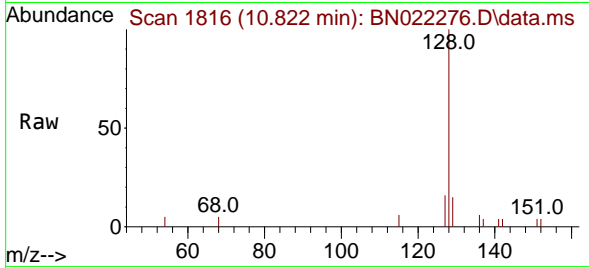
Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022





#5
 Naphthalene
 Concen: 0.055 ng/u1
 RT: 10.822 min Scan# 1816
 Delta R.T. -0.000 min
 Lab File: BN022276.D
 Acq: 22 Oct 2022 05:13

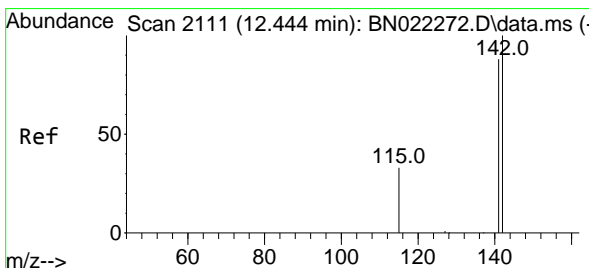
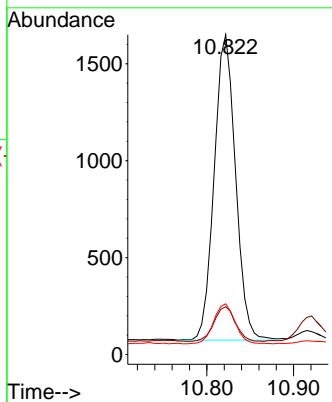
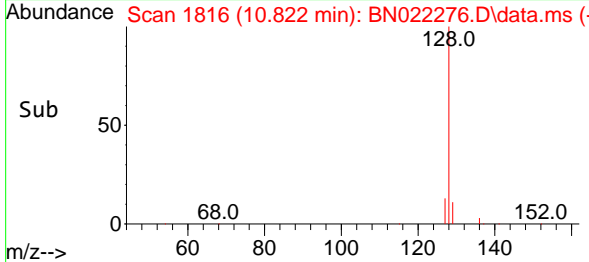
Instrument :
 BNA_N
 ClientSampleId :
 C0BP4DL



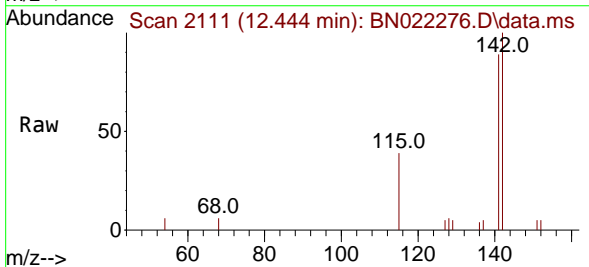
Tgt Ion:128 Resp: 269
 Ion Ratio Lower Upper
 128 100
 129 15.0 9.3 13.9
 127 15.9 10.7 16.1

Manual Integrations
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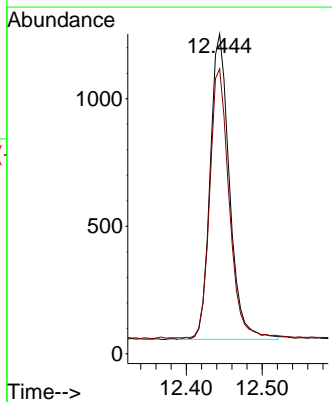
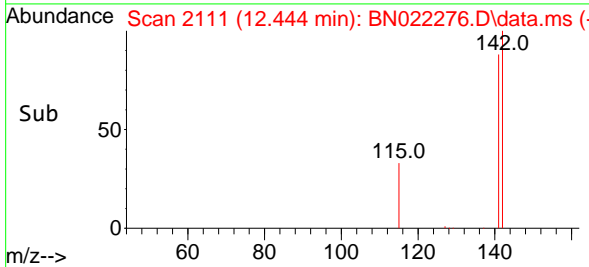
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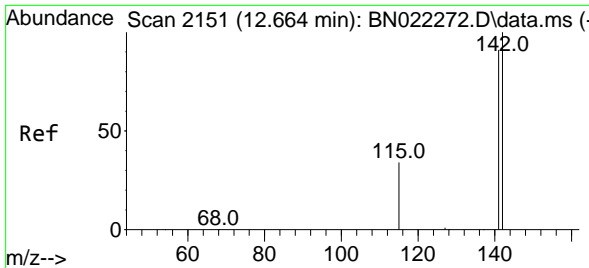


#7
 2-Methylnaphthalene
 Concen: 0.068 ng/u1
 RT: 12.444 min Scan# 2111
 Delta R.T. -0.000 min
 Lab File: BN022276.D
 Acq: 22 Oct 2022 05:13



Tgt Ion:142 Resp: 2108
 Ion Ratio Lower Upper
 142 100
 141 88.0 71.1 106.7





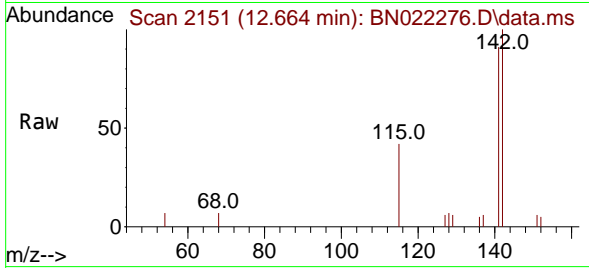
#8
 1-Methylnaphthalene
 Concen: 0.053 ng/u1
 RT: 12.664 min Scan# 2151
 Delta R.T. -0.000 min
 Lab File: BN022276.D
 Acq: 22 Oct 2022 05:13

Instrument :

BNA_N

ClientSampleId :

C0BP4DL

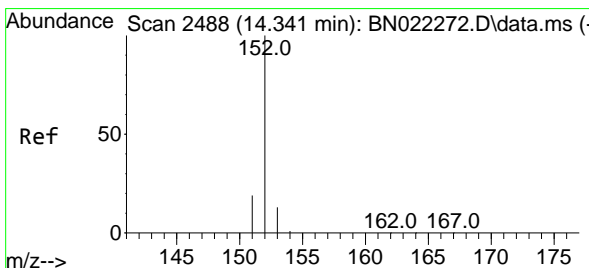
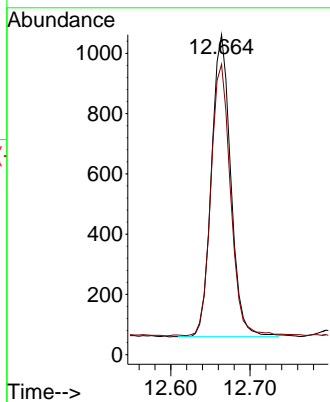
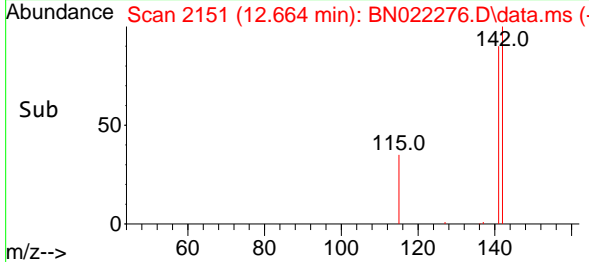


Tgt Ion:142 Resp: 1680
 Ion Ratio Lower Upper
 142 100
 141 91.6 73.3 109.9

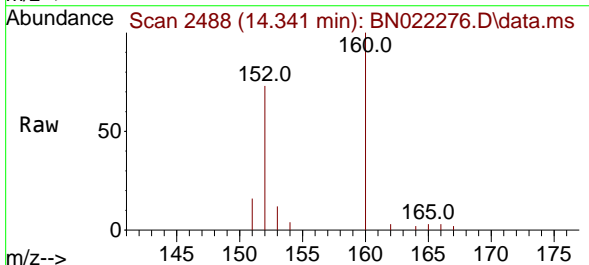
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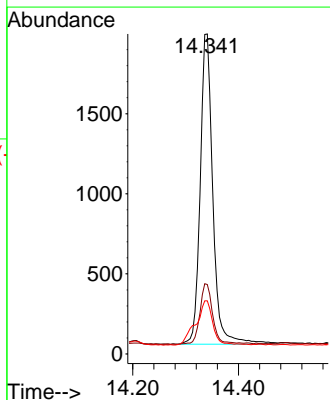
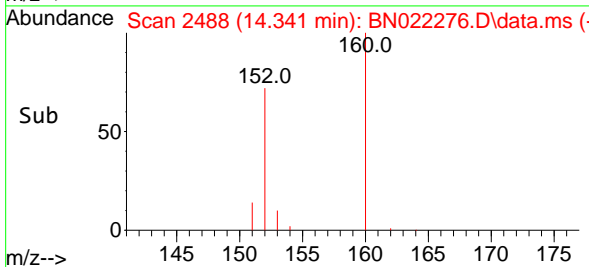
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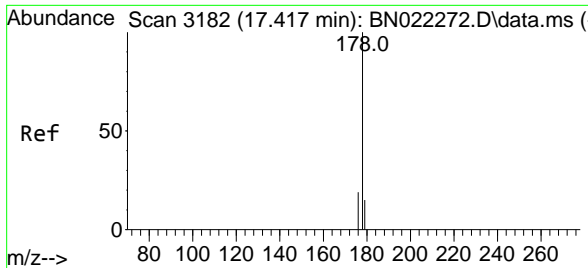


#10
 Acenaphthylene
 Concen: 0.078 ng/u1
 RT: 14.341 min Scan# 2488
 Delta R.T. -0.000 min
 Lab File: BN022276.D
 Acq: 22 Oct 2022 05:13



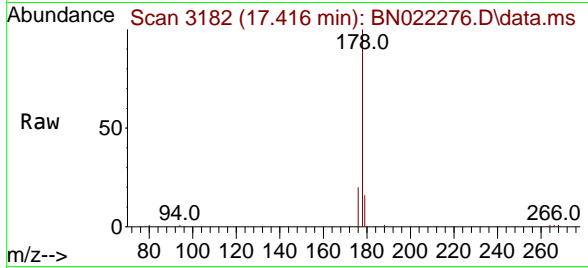
Tgt Ion:152 Resp: 3221
 Ion Ratio Lower Upper
 152 100
 151 21.7 15.9 23.9
 153 16.6 10.8 16.2#





#15
 Phenanthrene
 Concen: 0.170 ng/u1
 RT: 17.416 min Scan# 3182
 Delta R.T. -0.000 min
 Lab File: BN022276.D
 Acq: 22 Oct 2022 05:13

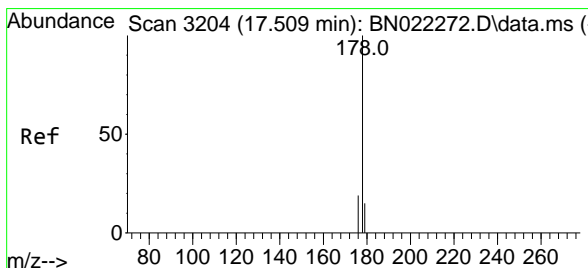
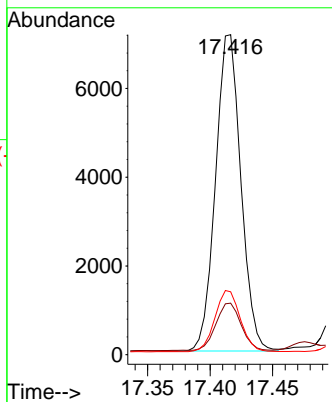
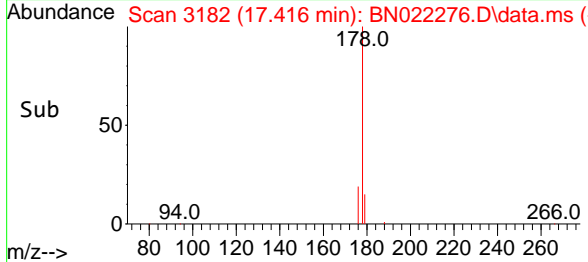
Instrument :
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 ClientSampleId :
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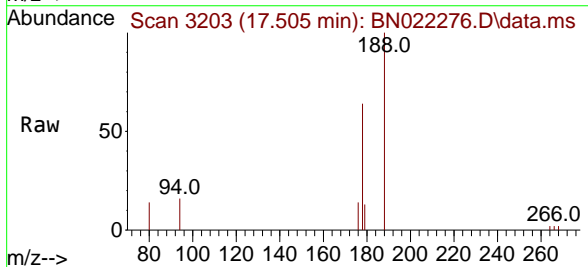
Tgt Ion:178 Resp: 1005
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.7 19.1
 176 19.7 15.4 23.2

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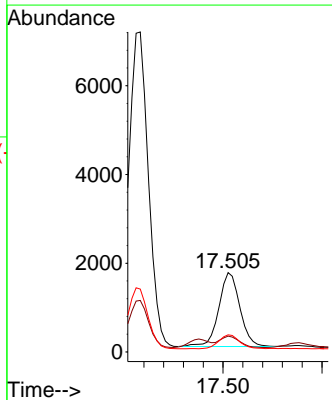
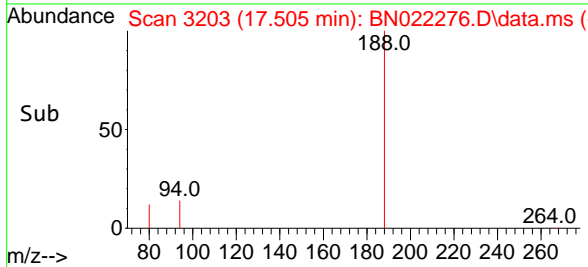
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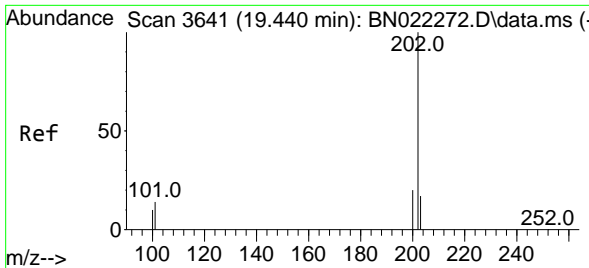


#16
 Anthracene
 Concen: 0.049 ng/u1
 RT: 17.505 min Scan# 3203
 Delta R.T. -0.004 min
 Lab File: BN022276.D
 Acq: 22 Oct 2022 05:13



Tgt Ion:178 Resp: 2461
 Ion Ratio Lower Upper
 178 100
 179 20.1 12.6 18.8#
 176 21.6 15.0 22.6





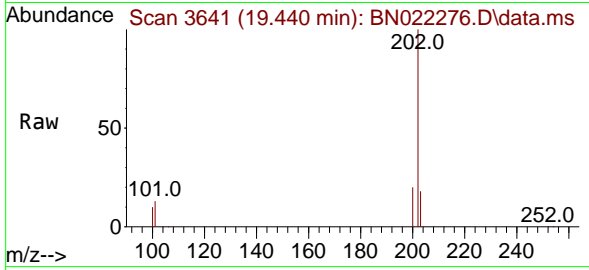
#19
 Fluoranthene
 Concen: 0.667 ng/u1
 RT: 19.440 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: BN022276.D
 Acq: 22 Oct 2022 05:13

Instrument :

BNA_N

ClientSampleId :

C0BP4DL

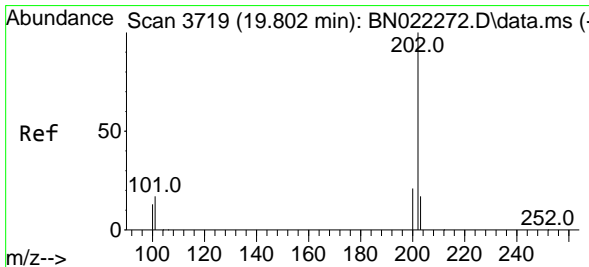
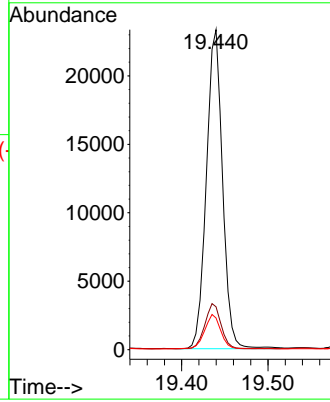
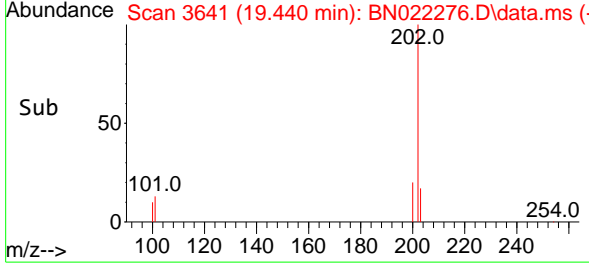


Tgt Ion:202 Resp: 3032
 Ion Ratio Lower Upper
 202 100
 101 13.4 11.8 17.6
 100 9.9 8.7 13.1

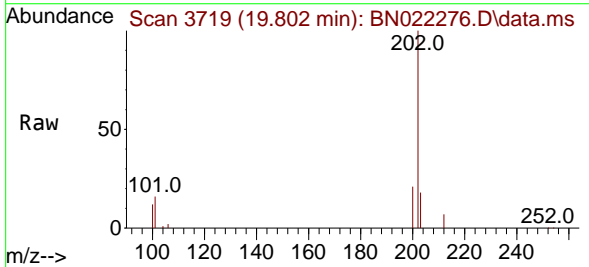
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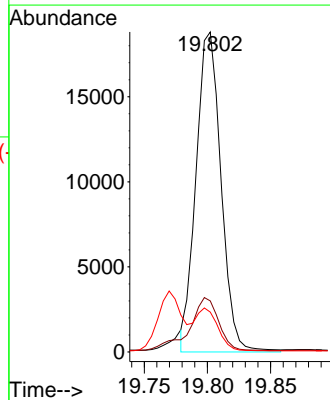
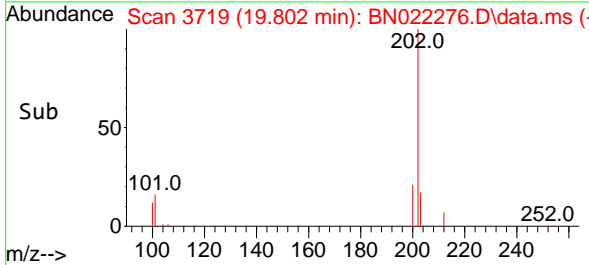
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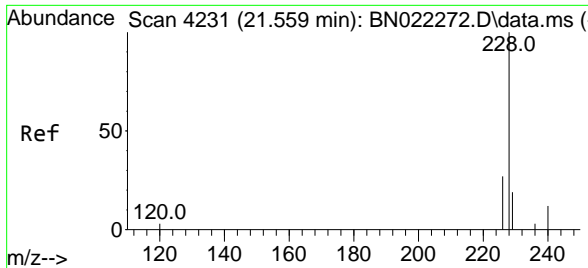


#20
 Pyrene
 Concen: 0.567 ng/u1 m
 RT: 19.802 min Scan# 3719
 Delta R.T. -0.000 min
 Lab File: BN022276.D
 Acq: 22 Oct 2022 05:13



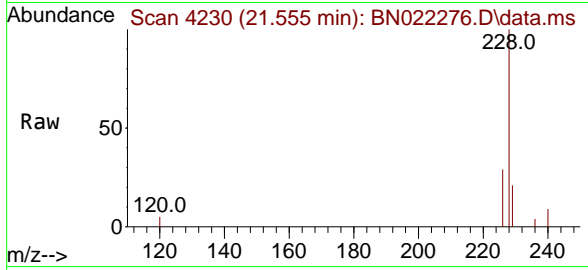
Tgt Ion:202 Resp: 25906
 Ion Ratio Lower Upper
 202 100
 101 16.0 13.1 19.7
 100 12.5 10.6 16.0





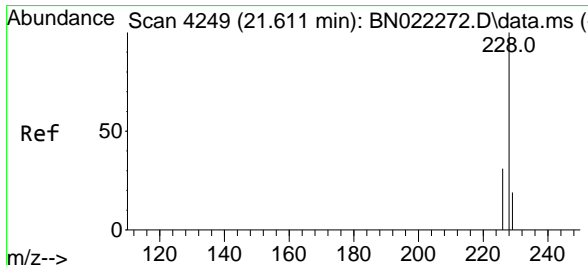
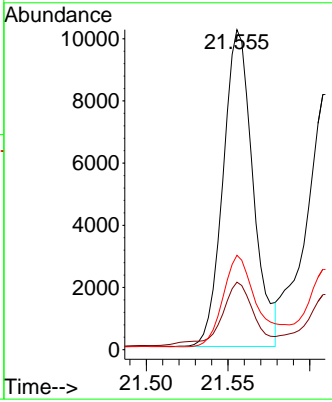
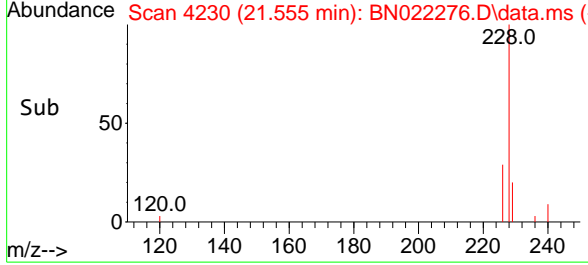
#21
 Benzo(a)anthracene
 Concen: 0.349 ng/u1
 RT: 21.555 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: BN022276.D
 Acq: 22 Oct 2022 05:13

Instrument : BNA_N
 ClientSampleId : C0BP4DL

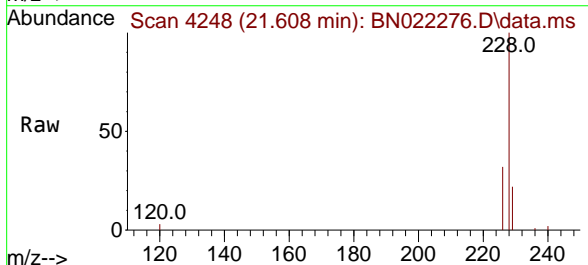


Tgt Ion:228 Resp: 1299
 Ion Ratio Lower Upper
 228 100
 229 21.1 15.7 23.5
 226 29.5 21.5 32.3

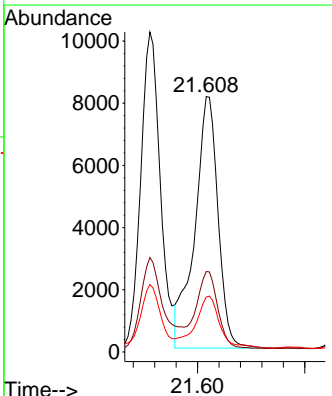
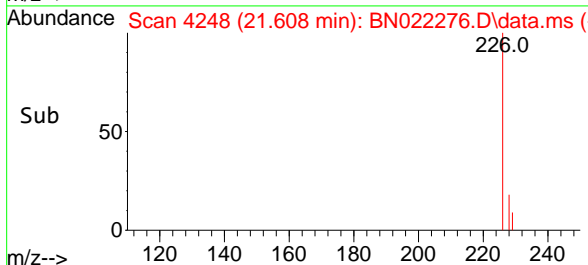
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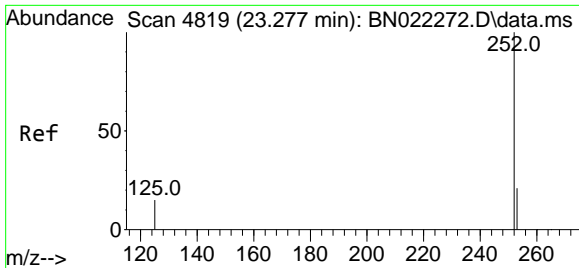


#22
 Chrysene
 Concen: 0.310 ng/u1
 RT: 21.608 min Scan# 4248
 Delta R.T. -0.003 min
 Lab File: BN022276.D
 Acq: 22 Oct 2022 05:13



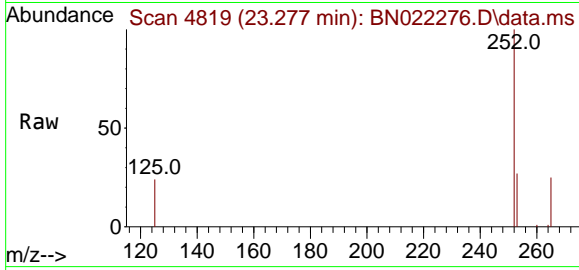
Tgt Ion:228 Resp: 12212
 Ion Ratio Lower Upper
 228 100
 226 31.5 23.9 35.9
 229 21.5 15.9 23.9





#24
 Benzo(b)fluoranthene
 Concen: 0.383 ng/ul m
 RT: 23.277 min Scan# 4819
 Delta R.T. -0.000 min
 Lab File: BN022276.D
 Acq: 22 Oct 2022 05:13

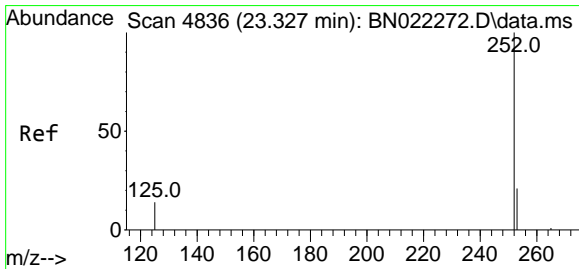
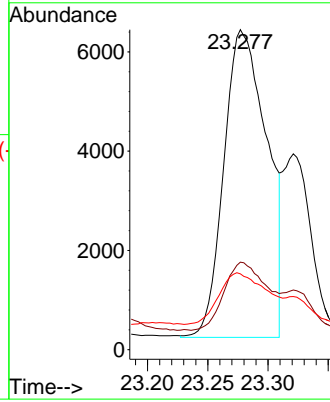
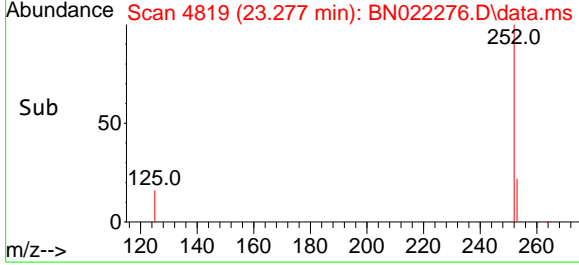
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Tgt Ion:252 Resp: 15380
 Ion Ratio Lower Upper
 252 100
 253 27.4 0.0 49.0
 125 23.7 0.0 35.2

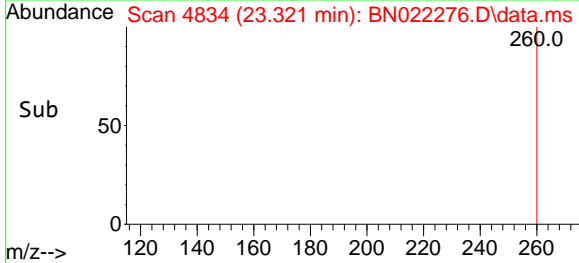
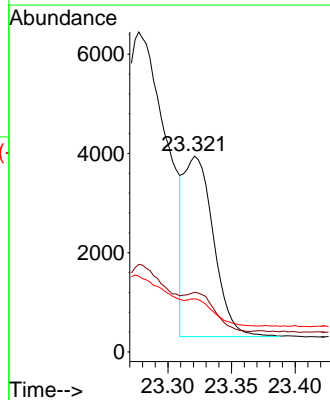
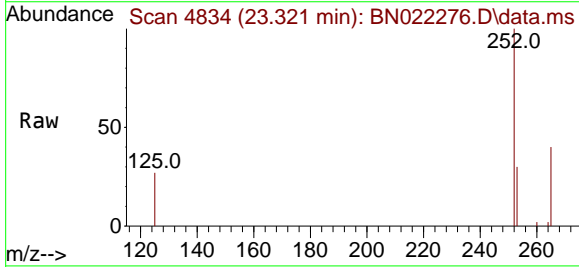
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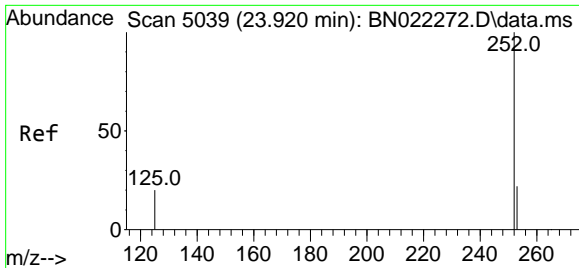
Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022



#25
 Benzo(k)fluoranthene
 Concen: 0.151 ng/ul m
 RT: 23.321 min Scan# 4834
 Delta R.T. -0.006 min
 Lab File: BN022276.D
 Acq: 22 Oct 2022 05:13

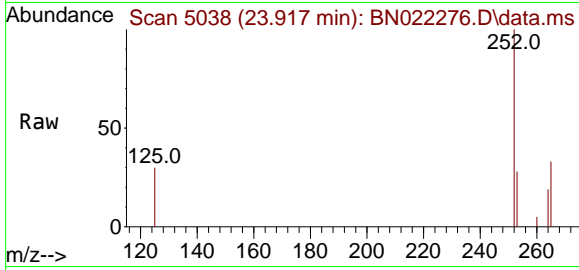
Tgt Ion:252 Resp: 5895
 Ion Ratio Lower Upper
 252 100
 253 30.5 19.7 29.5#
 125 27.1 14.0 21.0#





#26
 Benzo(a)pyrene
 Concen: 0.338 ng/u1
 RT: 23.917 min Scan# 5038
 Delta R.T. -0.003 min
 Lab File: BN022276.D
 Acq: 22 Oct 2022 05:13

Instrument : BNA_N
 ClientSampleId : C0BP4DL

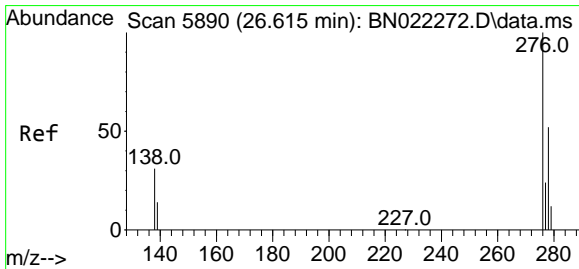
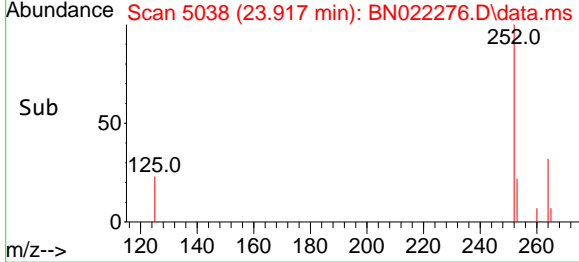
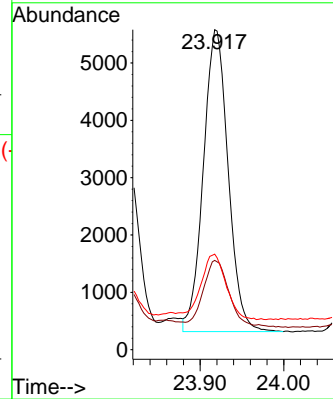


Tgt Ion:252 Resp: 1084

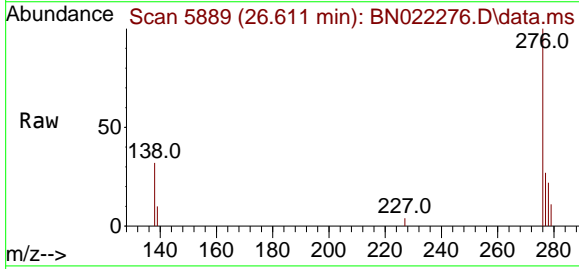
Ion	Ratio	Lower	Upper
252	100		
253	27.9	21.0	31.6
125	29.9	17.9	26.9

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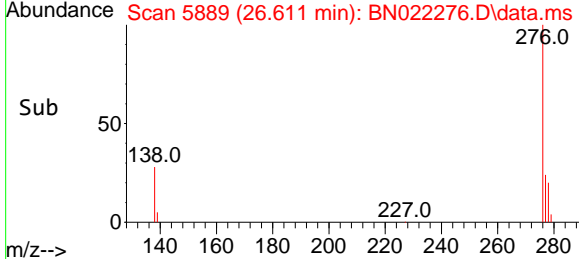
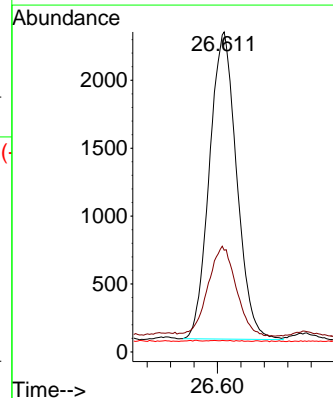


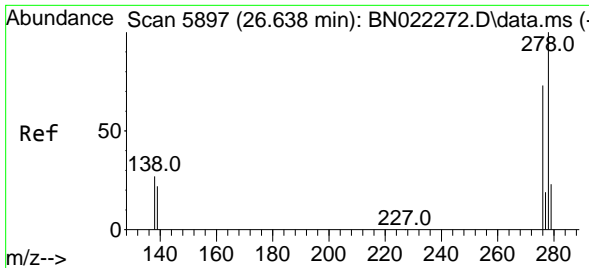
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.183 ng/u1
 RT: 26.611 min Scan# 5889
 Delta R.T. -0.004 min
 Lab File: BN022276.D
 Acq: 22 Oct 2022 05:13



Tgt Ion:276 Resp: 7287

Ion	Ratio	Lower	Upper
276	100		
138	30.4	27.7	41.5
227	0.2	0.2	0.2





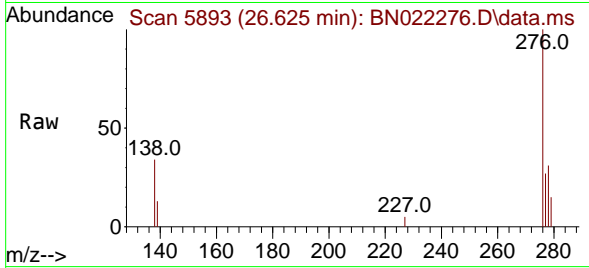
#28
 Dibenzo(a,h)anthracene
 Concen: 0.058 ng/u1
 RT: 26.625 min Scan# 5893
 Delta R.T. -0.014 min
 Lab File: BN022276.D
 Acq: 22 Oct 2022 05:13

Instrument :

BNA_N

ClientSampleId :

C0BP4DL

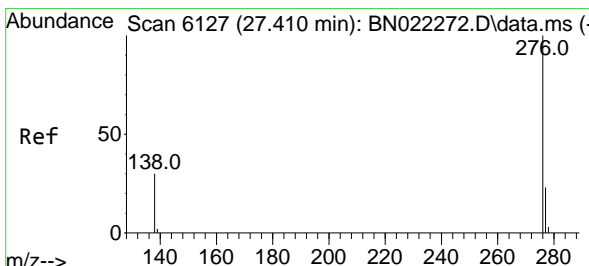
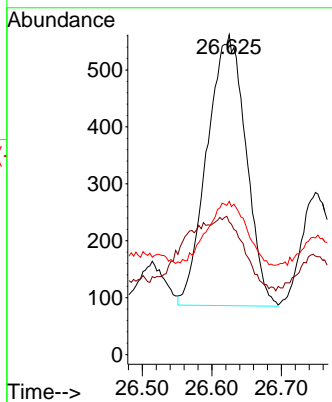
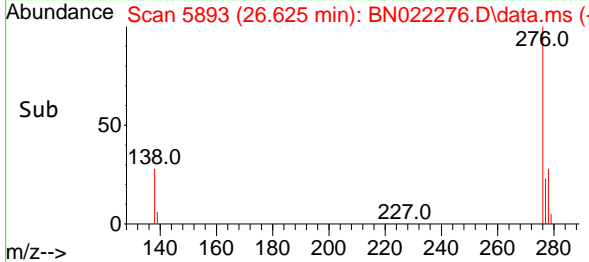


Tgt Ion:278 Resp: 1840
 Ion Ratio Lower Upper
 278 100
 139 41.5 19.6 29.4
 279 47.9 20.6 30.8

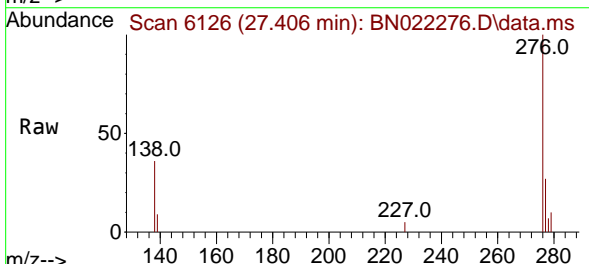
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022



#29
 Benzo(g,h,i)perylene
 Concen: 0.172 ng/u1
 RT: 27.406 min Scan# 6126
 Delta R.T. -0.004 min
 Lab File: BN022276.D
 Acq: 22 Oct 2022 05:13



Tgt Ion:276 Resp: 5577
 Ion Ratio Lower Upper
 276 100
 138 36.3 25.2 37.8
 277 27.4 19.9 29.9

