

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080422\
 Data File : BN021026.D
 Acq On : 05 Aug 2022 14:39
 Operator : CG/JU
 Sample : N4026-04MS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GBJG8MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/08/2022
 Supervised By :Sohil Jodhani 08/09/2022

Quant Time: Aug 08 10:05:50 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 03 16:31:11 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	1872	0.400	ng/ul	0.00
4) Naphthalene-d8	10.602	136	6163	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.452	164	3483	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.205	188	6814	0.400	ng/ul	0.00
17) Chrysene-d12	21.418	240	5665	0.400	ng/ul	0.00
23) Perylene-d12	23.760	264	4780	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.173	96	32707m	13.657	ng/ul	-0.04
6) 2-Methylnaphthalene-d10	12.202	152	3079	0.341	ng/ul	0.00
18) Fluoranthene-d10	19.245	212	7635	0.436	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.240	88	4587	1.859	ng/ul#	84
5) Naphthalene	10.651	128	5953	0.314	ng/ul	100
7) 2-Methylnaphthalene	12.279	142	3483	0.303	ng/ul	100
8) 1-Methylnaphthalene	12.494	142	3851	0.335	ng/ul	99
10) Acenaphthylene	14.174	152	4969	0.305	ng/ul	100
11) Acenaphthene	14.517	153	4029	0.299	ng/ul	100
12) Fluorene	15.511	166	4503	0.306	ng/ul	98
14) Pentachlorophenol	16.872	266	808	0.769	ng/ul	100
15) Phenanthrene	17.248	178	7786	0.319	ng/ul	100
16) Anthracene	17.345	178	6162	0.326	ng/ul	99
19) Fluoranthene	19.277	202	9316	0.372	ng/ul	100
20) Pyrene	19.640	202	9568	0.370	ng/ul	99
21) Benzo(a)anthracene	21.401	228	6747	0.365	ng/ul	98
22) Chrysene	21.453	228	8596	0.353	ng/ul	100
24) Benzo(b)fluoranthene	23.049	252	7646	0.346	ng/ul	98
25) Benzo(k)fluoranthene	23.099	252	8045	0.345	ng/ul	98
26) Benzo(a)pyrene	23.657	252	6816	0.338	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.182	276	7604	0.315	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.199	278	6066	0.319	ng/ul	98
29) Benzo(g,h,i)perylene	26.917	276	6972	0.324	ng/ul	98

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

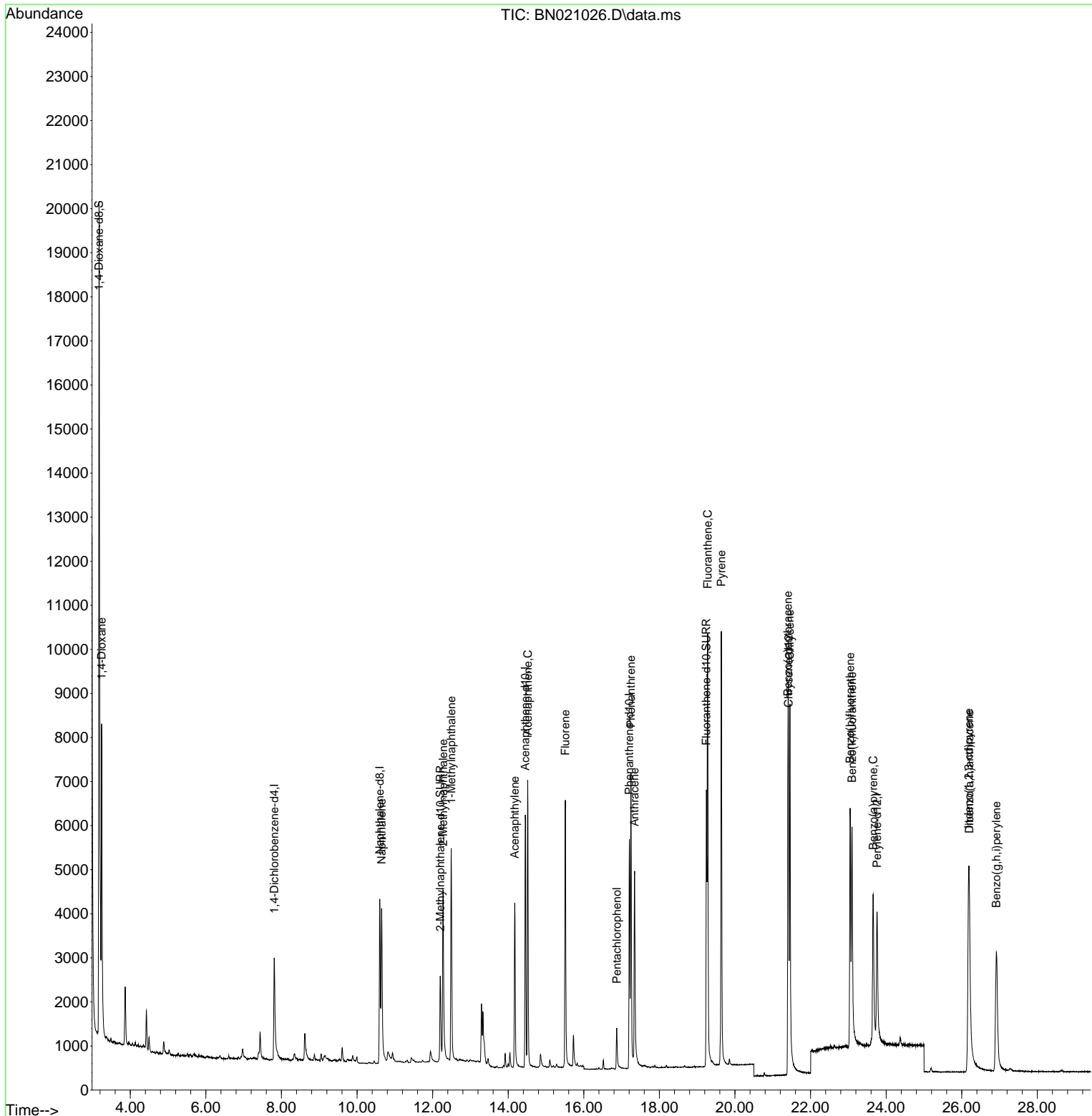
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080422\
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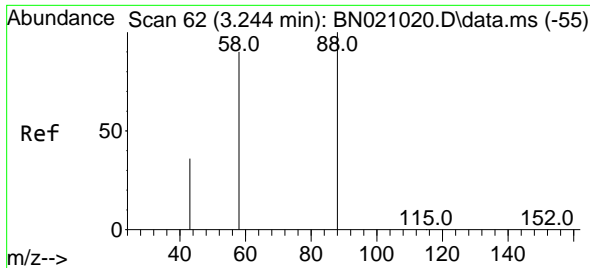
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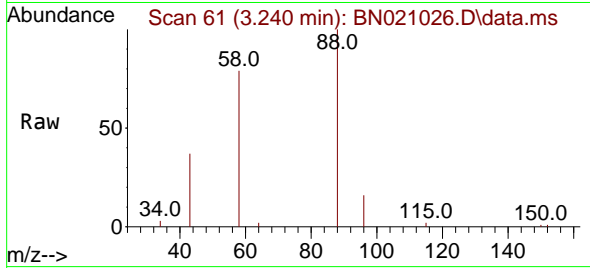
#2
 1,4-Dioxane
 Concen: 1.859 ng/u1
 RT: 3.240 min Scan# 61
 Delta R.T. -0.004 min
 Lab File: BN021026.D
 Acq: 05 Aug 2022 14:39

Instrument :

BNA_N

Client SampleId :

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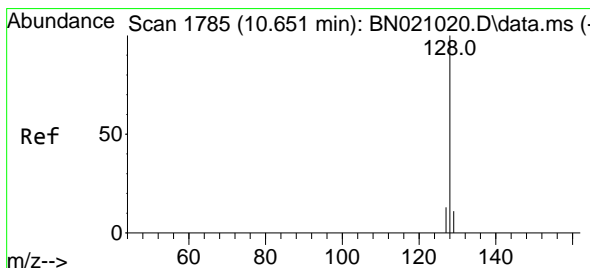
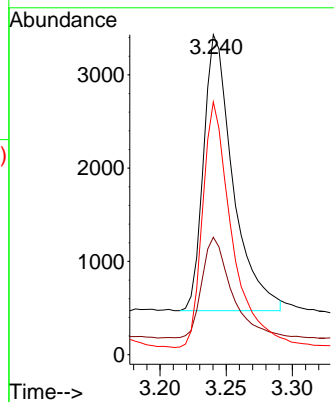
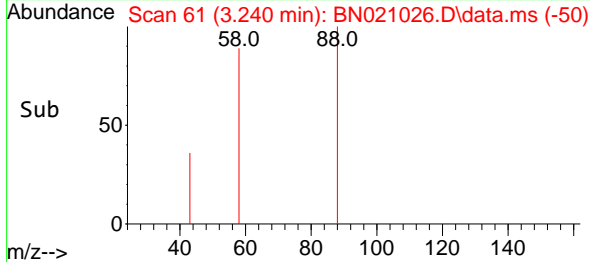


Tgt Ion: 88 Resp: 458
 Ion Ratio Lower Upper
 88 100
 43 36.7 31.4 47.0
 58 79.0 49.0 73.6

Manual Integrations

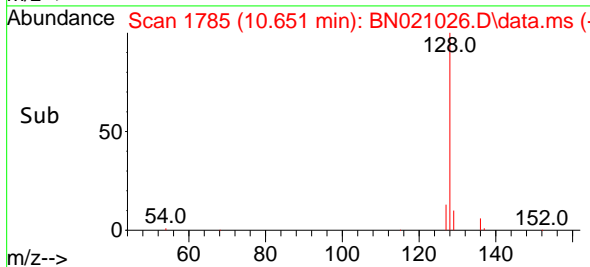
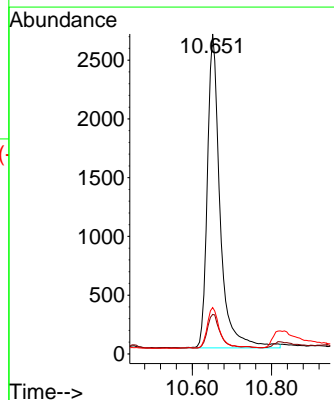
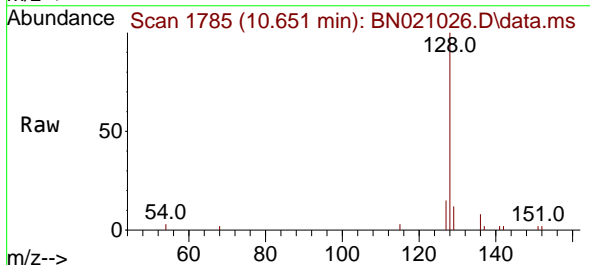
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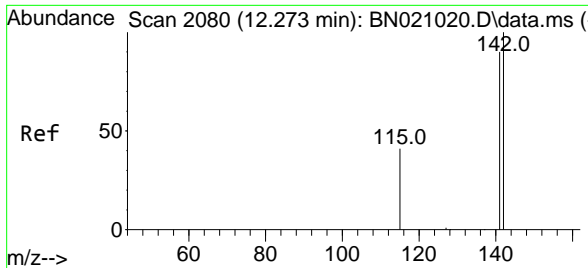
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 Supervised By :Sohil Jodhani 08/09/2022



#5
 Naphthalene
 Concen: 0.314 ng/u1
 RT: 10.651 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: BN021026.D
 Acq: 05 Aug 2022 14:39

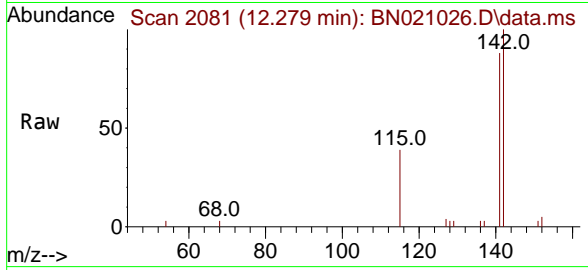
Tgt Ion:128 Resp: 5953
 Ion Ratio Lower Upper
 128 100
 129 12.3 9.8 14.6
 127 14.5 11.6 17.4





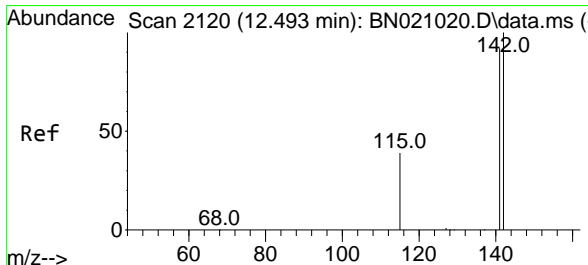
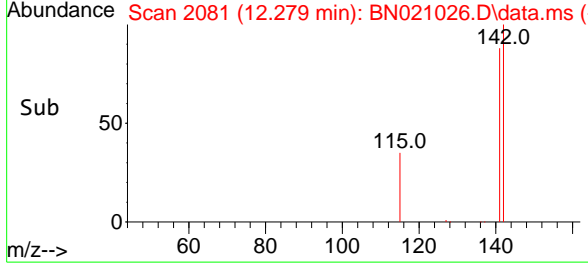
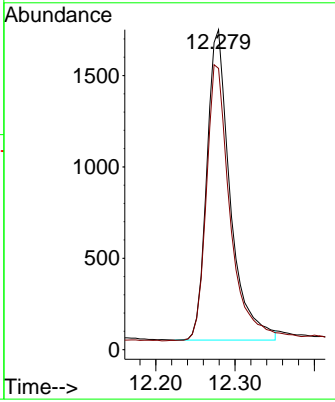
#7
 2-Methylnaphthalene
 Concen: 0.303 ng/u1
 RT: 12.279 min Scan# 2080
 Delta R.T. 0.000 min
 Lab File: BN021026.D
 Acq: 05 Aug 2022 14:39

Instrument : BNA_N
 Client Sample Id : GBJG8MS



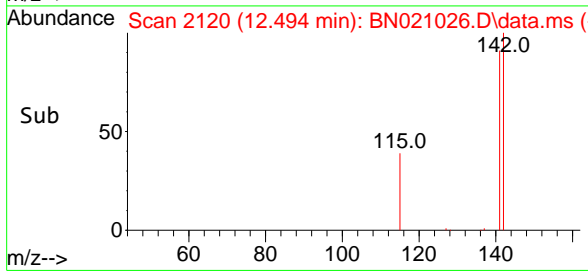
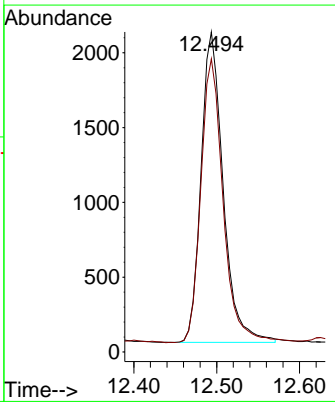
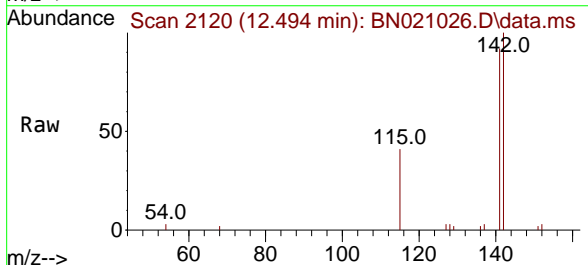
Tgt Ion:142 Resp: 348
 Ion Ratio Lower Upper
 142 100
 141 90.2 72.2 108.2

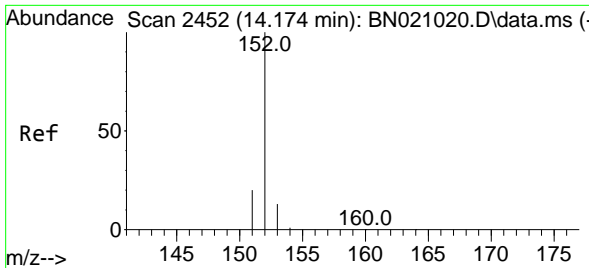
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#8
 1-Methylnaphthalene
 Concen: 0.335 ng/u1
 RT: 12.494 min Scan# 2120
 Delta R.T. -0.005 min
 Lab File: BN021026.D
 Acq: 05 Aug 2022 14:39

Tgt Ion:142 Resp: 3851
 Ion Ratio Lower Upper
 142 100
 141 91.8 73.9 110.9





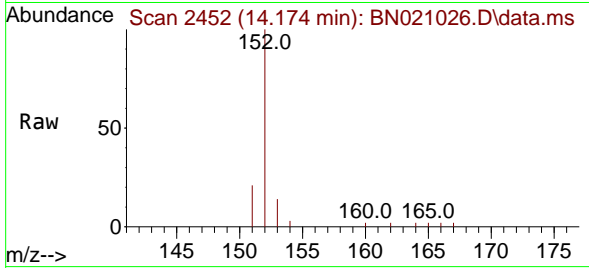
#10
 Acenaphthylene
 Concen: 0.305 ng/u1
 RT: 14.174 min Scan# 2452
 Delta R.T. -0.004 min
 Lab File: BN021026.D
 Acq: 05 Aug 2022 14:39

Instrument :

BNA_N

ClientSampleId :

GBJG8MS

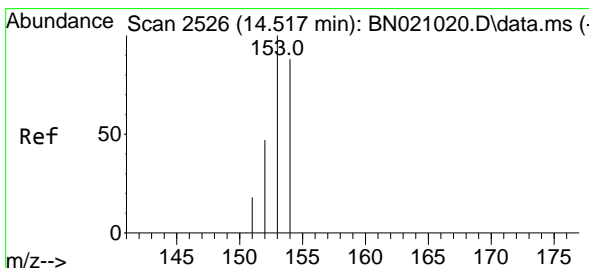
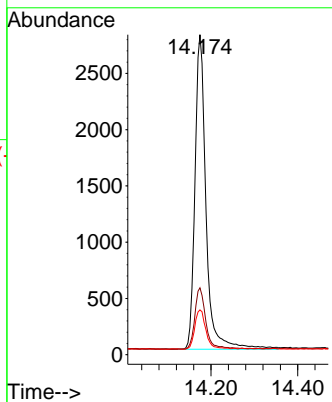
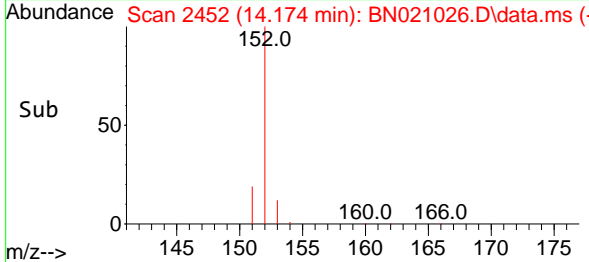


Tgt Ion:152 Resp: 4969
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.9 25.3
 153 14.0 11.2 16.8

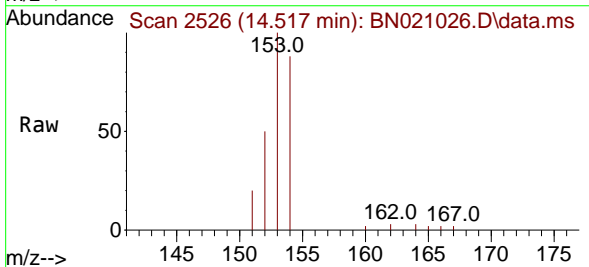
Manual Integrations

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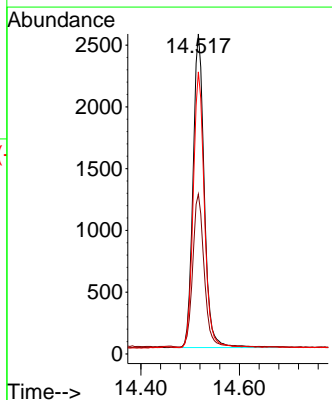
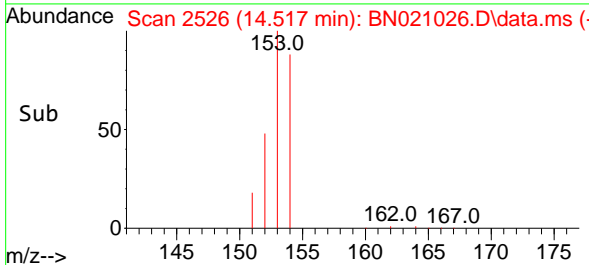
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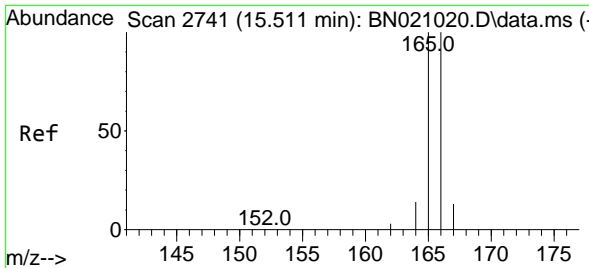


#11
 Acenaphthene
 Concen: 0.299 ng/u1
 RT: 14.517 min Scan# 2526
 Delta R.T. -0.004 min
 Lab File: BN021026.D
 Acq: 05 Aug 2022 14:39



Tgt Ion:153 Resp: 4029
 Ion Ratio Lower Upper
 153 100
 152 50.0 40.2 60.4
 154 88.1 70.7 106.1





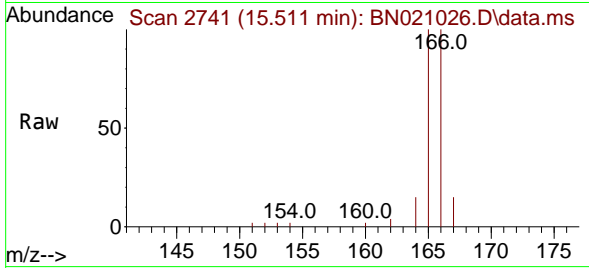
#12
 Fluorene
 Concen: 0.306 ng/u1
 RT: 15.511 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN021026.D
 Acq: 05 Aug 2022 14:39

Instrument :

BNA_N

ClientSampleId :

GBJG8MS

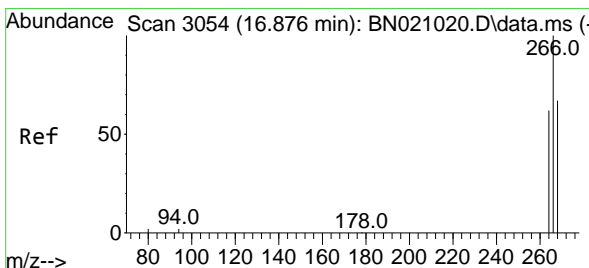
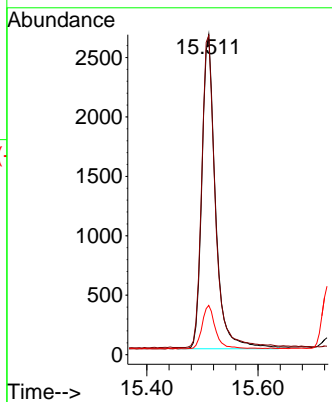
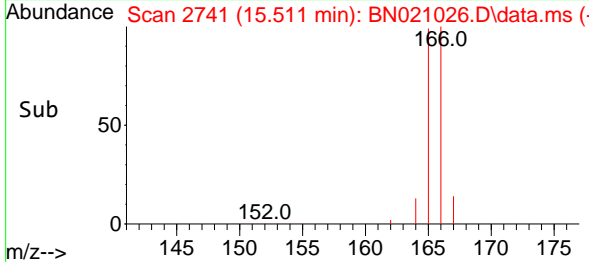


Tgt Ion:166 Resp: 450
 Ion Ratio Lower Upper
 166 100
 165 99.7 78.6 117.8
 167 15.4 11.8 17.6

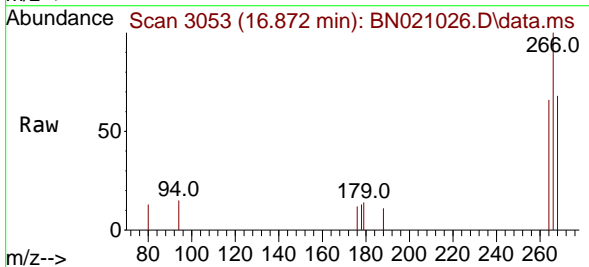
Manual Integrations

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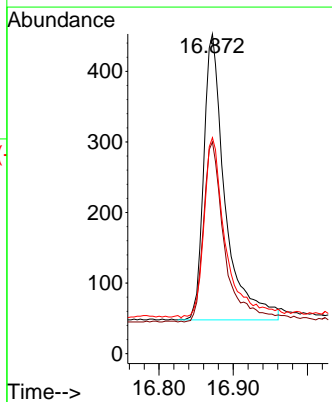
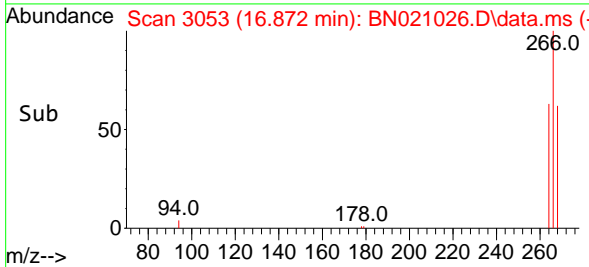
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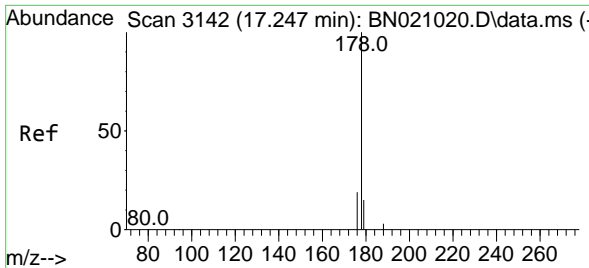


#14
 Pentachlorophenol
 Concen: 0.769 ng/u1
 RT: 16.872 min Scan# 3053
 Delta R.T. -0.008 min
 Lab File: BN021026.D
 Acq: 05 Aug 2022 14:39



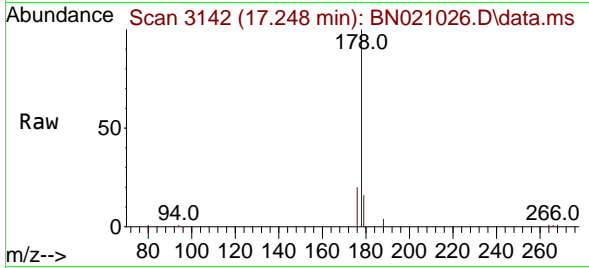
Tgt Ion:266 Resp: 808
 Ion Ratio Lower Upper
 266 100
 264 62.5 49.8 74.8
 268 63.5 50.6 75.8





#15
 Phenanthrene
 Concen: 0.319 ng/u1
 RT: 17.248 min Scan# 3142
 Delta R.T. -0.004 min
 Lab File: BN021026.D
 Acq: 05 Aug 2022 14:39

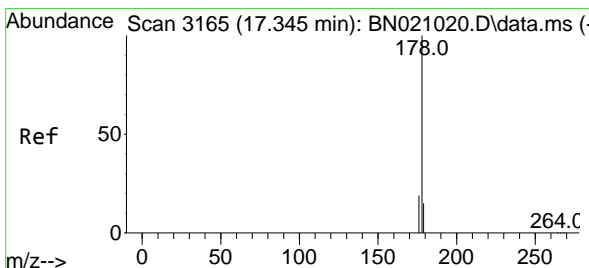
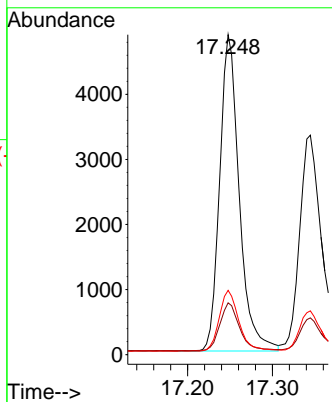
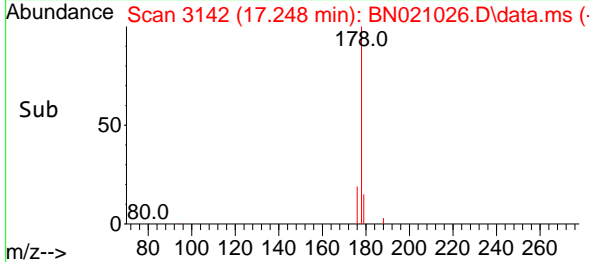
Instrument :
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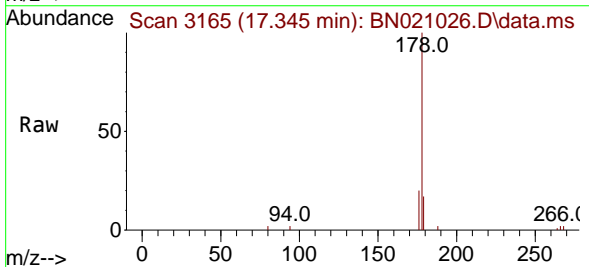
Tgt Ion:178 Resp: 7780
 Ion Ratio Lower Upper
 178 100
 179 16.2 12.8 19.2
 176 20.1 15.9 23.9

Manual Integrations
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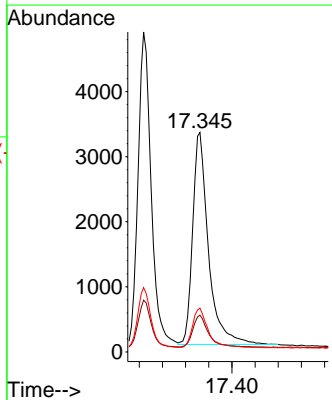
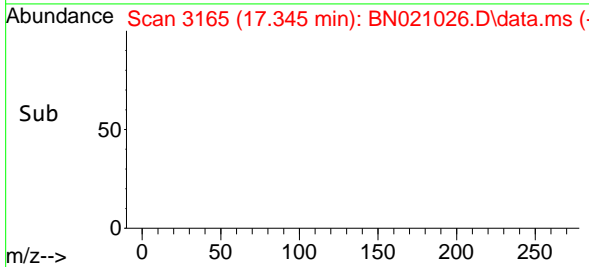
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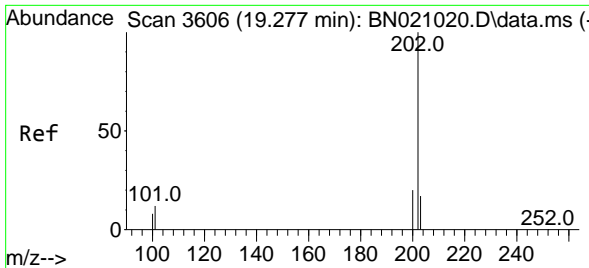


#16
 Anthracene
 Concen: 0.326 ng/u1
 RT: 17.345 min Scan# 3165
 Delta R.T. -0.004 min
 Lab File: BN021026.D
 Acq: 05 Aug 2022 14:39



Tgt Ion:178 Resp: 6162
 Ion Ratio Lower Upper
 178 100
 179 16.8 12.9 19.3
 176 20.0 15.9 23.9





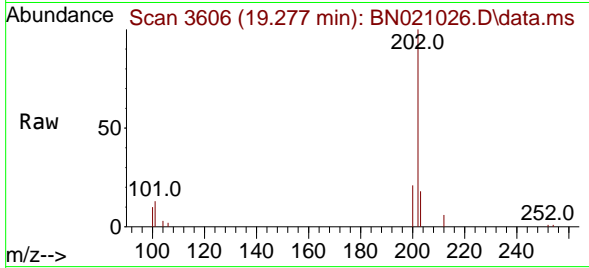
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 Fluoranthene
 Concen: 0.372 ng/u1
 RT: 19.277 min Scan# 3606
 Delta R.T. -0.004 min
 Lab File: BN021026.D
 Acq: 05 Aug 2022 14:39

Instrument :

BNA_N

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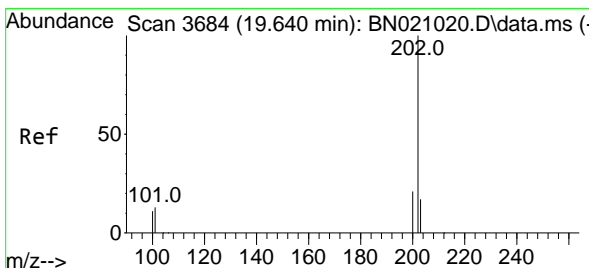
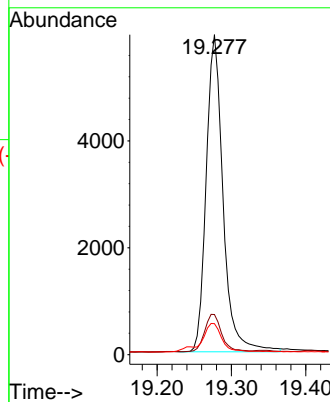
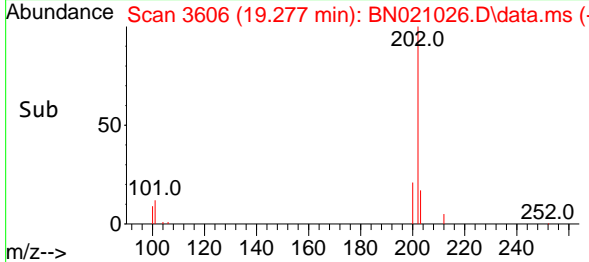


Tgt Ion:202 Resp: 9310
 Ion Ratio Lower Upper
 202 100
 101 12.6 10.0 15.0
 100 9.7 8.0 12.0

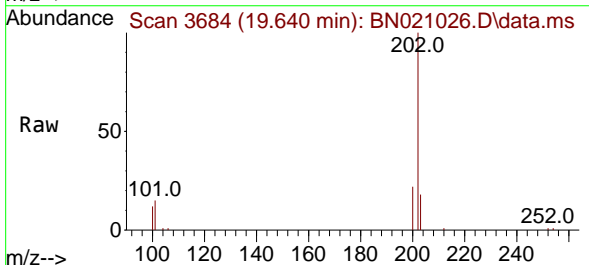
Manual Integrations

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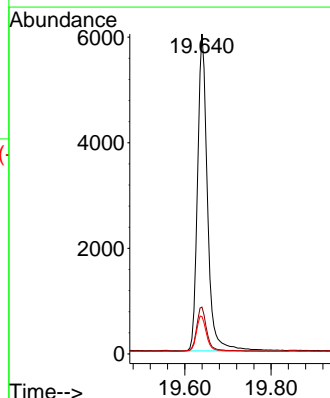
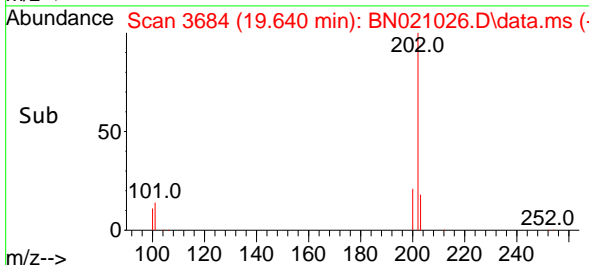
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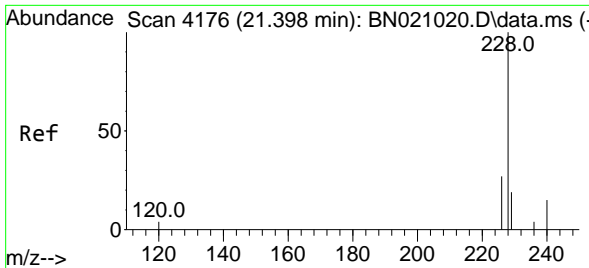


#20
 Pyrene
 Concen: 0.370 ng/u1
 RT: 19.640 min Scan# 3684
 Delta R.T. -0.004 min
 Lab File: BN021026.D
 Acq: 05 Aug 2022 14:39



Tgt Ion:202 Resp: 9568
 Ion Ratio Lower Upper
 202 100
 101 14.6 11.3 16.9
 100 11.7 9.0 13.4





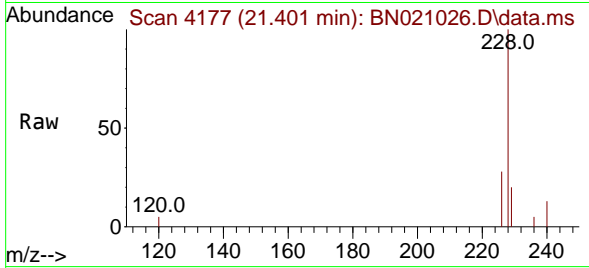
#21
 Benzo(a)anthracene
 Concen: 0.365 ng/u1
 RT: 21.401 min Scan# 4177
 Delta R.T. -0.006 min
 Lab File: BN021026.D
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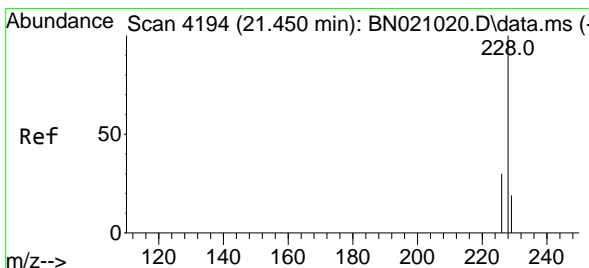
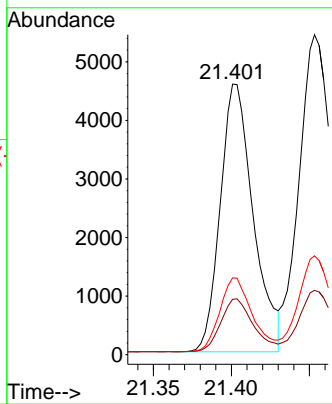
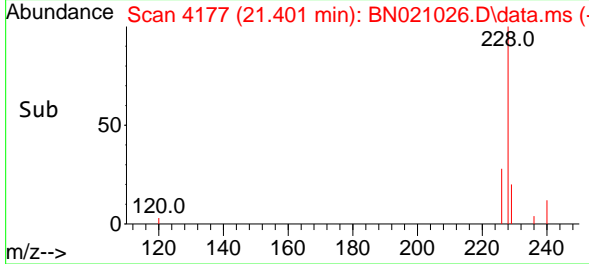


Tgt Ion:228 Resp: 674
 Ion Ratio Lower Upper
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 229 20.5 16.0 24.0
 226 28.4 21.9 32.9

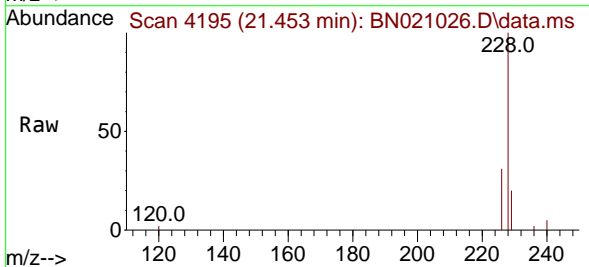
Manual Integrations

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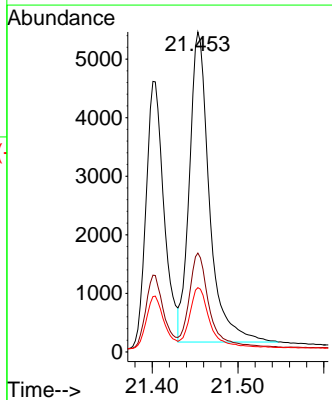
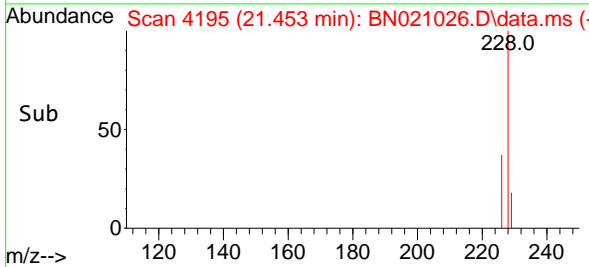
Reviewed By :Jagrut Upadhyay 08/08/2022
 Supervised By :Sohil Jodhani 08/09/2022

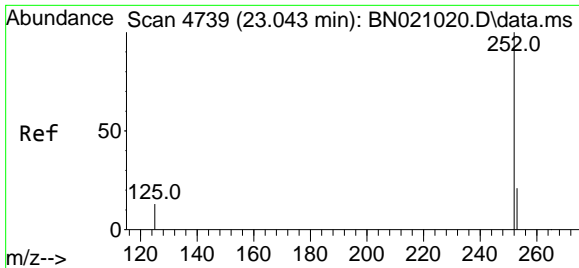


#22
 Chrysene
 Concen: 0.353 ng/u1
 RT: 21.453 min Scan# 4195
 Delta R.T. -0.006 min
 Lab File: BN021026.D
 Acq: 05 Aug 2022 14:39



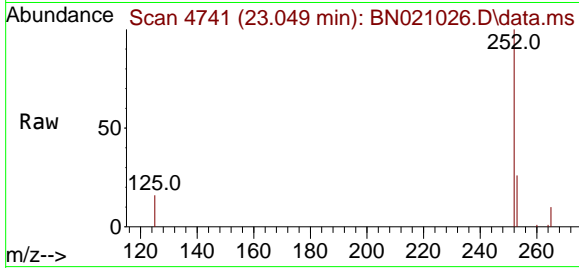
Tgt Ion:228 Resp: 8596
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.6 37.0
 229 20.1 15.8 23.8





#24
 Benzo(b)fluoranthene
 Concen: 0.346 ng/u1
 RT: 23.049 min Scan# 4741
 Delta R.T. -0.003 min
 Lab File: BN021026.D
 Acq: 05 Aug 2022 14:39

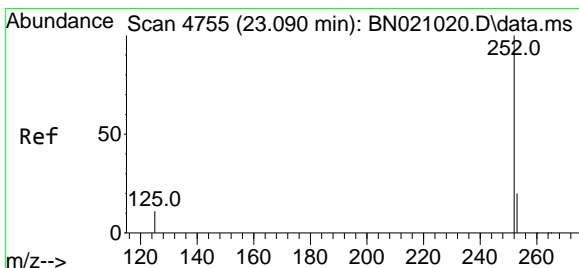
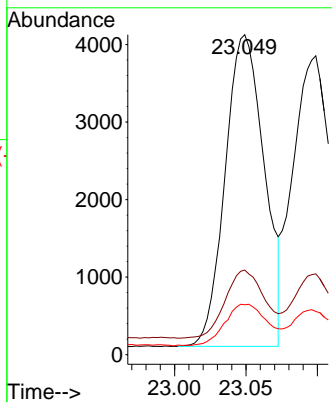
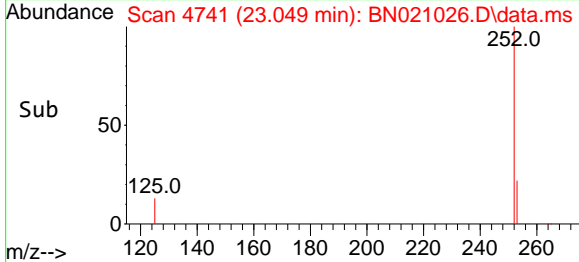
Instrument :
 BNA_N
 ClientSampleId :
 GBJG8MS



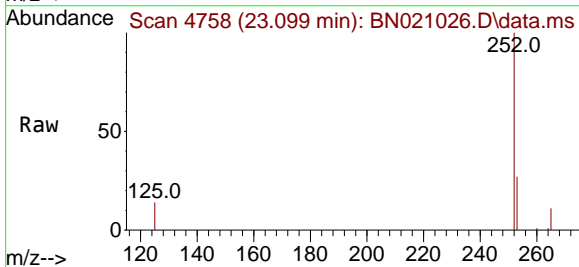
Tgt Ion:252 Resp: 7640
 Ion Ratio Lower Upper
 252 100
 253 26.4 0.0 50.8
 125 15.6 0.0 30.0

Manual Integrations
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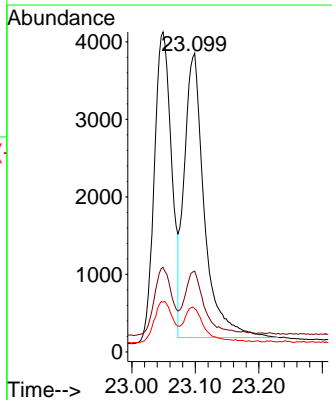
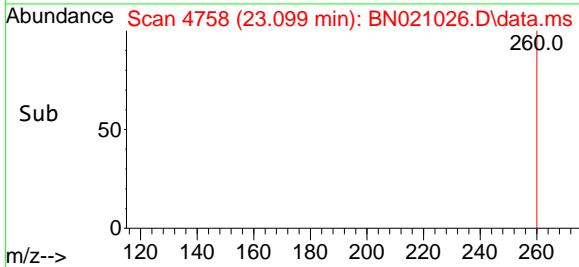
Reviewed By :Jagrut Upadhyay 08/08/2022
 Supervised By :Sohil Jodhani 08/09/2022

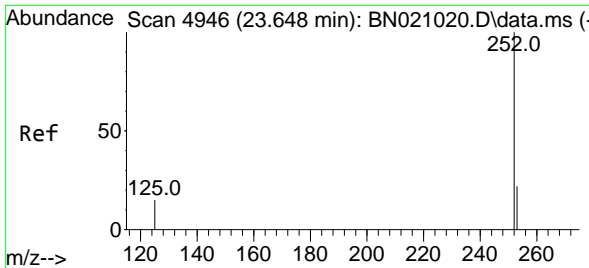


#25
 Benzo(k)fluoranthene
 Concen: 0.345 ng/u1
 RT: 23.099 min Scan# 4758
 Delta R.T. 0.000 min
 Lab File: BN021026.D
 Acq: 05 Aug 2022 14:39



Tgt Ion:252 Resp: 8045
 Ion Ratio Lower Upper
 252 100
 253 27.1 20.6 31.0
 125 14.5 11.8 17.6





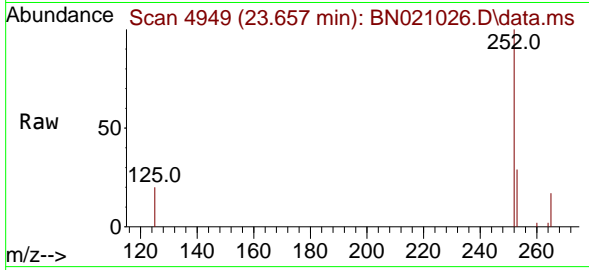
#26
 Benzo(a)pyrene
 Concen: 0.338 ng/u1
 RT: 23.657 min Scan# 4949
 Delta R.T. -0.003 min
 Lab File: BN021026.D
 Acq: 05 Aug 2022 14:39

Instrument :

BNA_N

Client Sample Id :

GBJG8MS

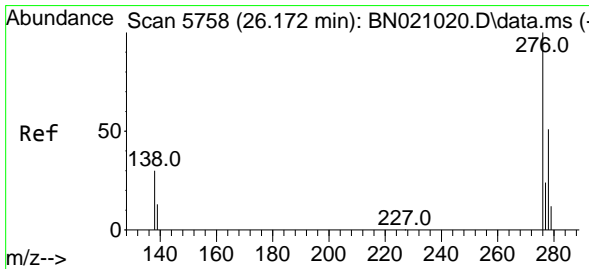
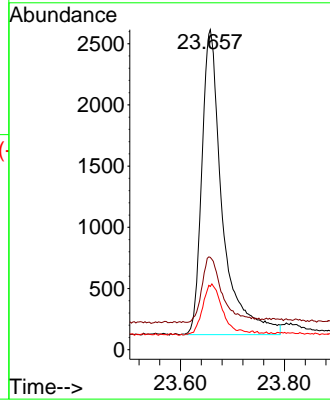
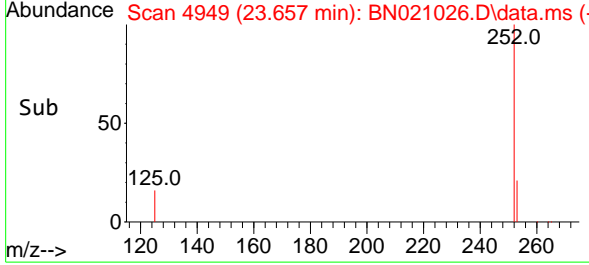


Tgt Ion:252 Resp: 6810
 Ion Ratio Lower Upper
 252 100
 253 28.9 22.1 33.1
 125 19.8 14.7 22.1

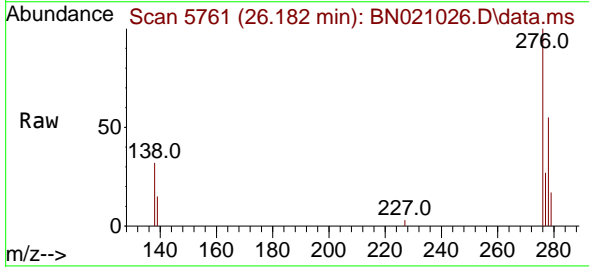
Manual Integrations

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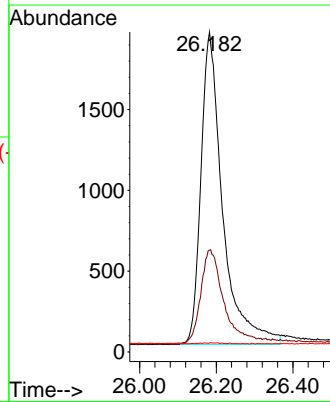
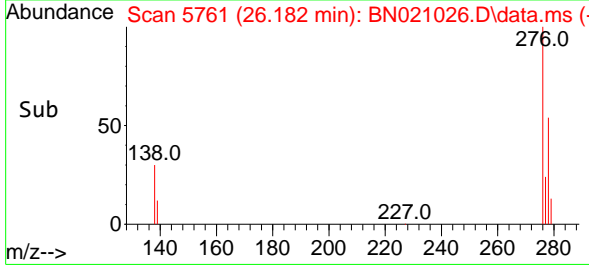
Reviewed By :Jagrut Upadhyay 08/08/2022
 Supervised By :Sohil Jodhani 08/09/2022

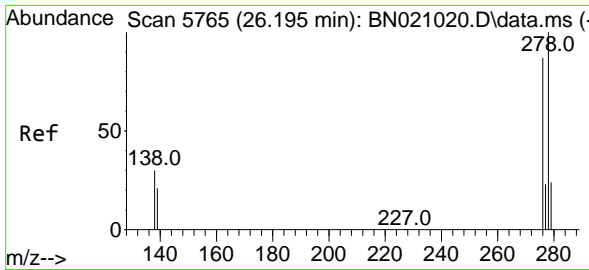


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.315 ng/u1
 RT: 26.182 min Scan# 5761
 Delta R.T. -0.003 min
 Lab File: BN021026.D
 Acq: 05 Aug 2022 14:39



Tgt Ion:276 Resp: 7604
 Ion Ratio Lower Upper
 276 100
 138 31.7 26.1 39.1
 227 0.2 0.1 0.1#





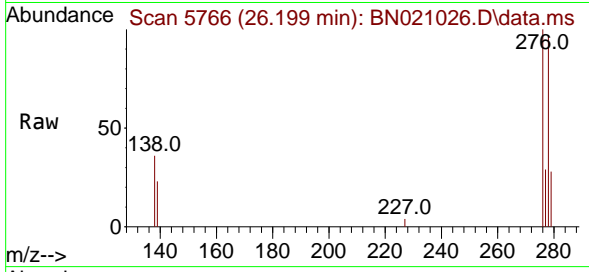
#28
 Dibenzo(a,h)anthracene
 Concen: 0.319 ng/ul
 RT: 26.199 min Scan# 5766
 Delta R.T. -0.010 min
 Lab File: BN021026.D
 Acq: 05 Aug 2022 14:39

Instrument :

BNA_N

ClientSampleId :

GBJG8MS

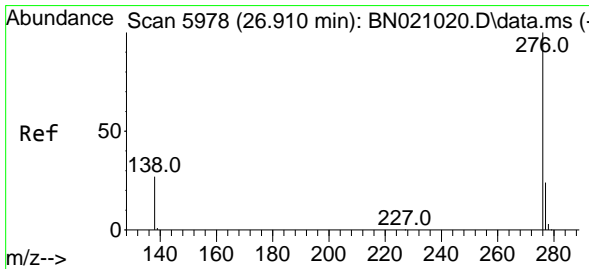
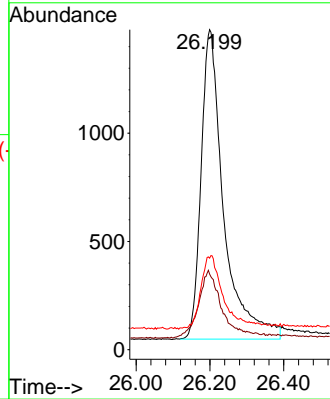
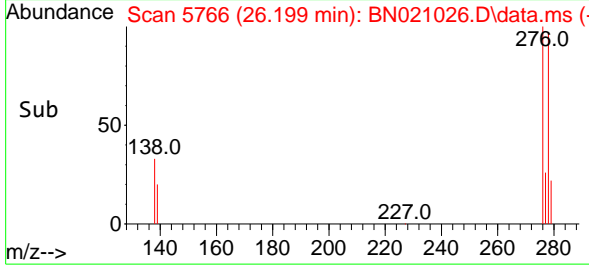


Tgt Ion:278 Resp: 6060
 Ion Ratio Lower Upper
 278 100
 139 23.6 18.3 27.5
 279 28.6 23.9 35.9

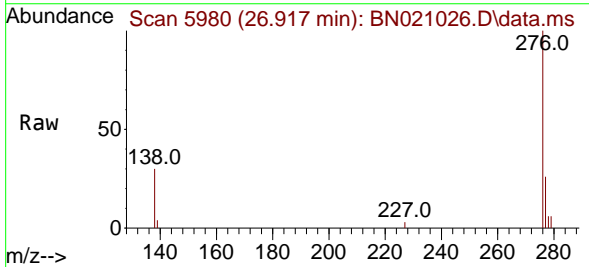
Manual Integrations

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 Supervised By :Sohil Jodhani 08/09/2022



#29
 Benzo(g,h,i)perylene
 Concen: 0.324 ng/ul
 RT: 26.917 min Scan# 5980
 Delta R.T. -0.013 min
 Lab File: BN021026.D
 Acq: 05 Aug 2022 14:39



Tgt Ion:276 Resp: 6972
 Ion Ratio Lower Upper
 276 100
 138 29.5 22.6 34.0
 277 26.3 20.2 30.2

