

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050523\
 Data File : BN025276.D
 Acq On : 05 May 2023 12:31
 Operator : CG/JU
 Sample : 02447-22DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW940DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/08/2023
 Supervised By : Jagrut Upadhyay 05/08/2023

Quant Time: May 06 04:06:37 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 11:29:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.908	152	9614	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	30403	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.557	164	17659	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.305	188	34564	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	20376	0.400	ng/ul	# 0.00
23) Perylene-d12	23.941	264	24362	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	4434	0.445	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	1474	0.038	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	2690	0.050	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.770	128	102847	1.320	ng/ul	99
7) 2-Methylnaphthalene	12.381	142	31912	0.669	ng/ul	100
8) 1-Methylnaphthalene	12.601	142	33125	0.651	ng/ul	100
10) Acenaphthylene	14.279	152	97106	1.476	ng/ul	99
11) Acenaphthene	14.617	153	127106	2.292	ng/ul	98
12) Fluorene	15.603	166	174582	2.816	ng/ul	99
15) Phenanthrene	17.348	178	3054609	31.310	ng/ul	100
16) Anthracene	17.436	178	705147	8.835	ng/ul	99
19) Fluoranthene	19.369	202	4964188	67.372	ng/ul	96
20) Pyrene	19.736	202	4198042	55.452	ng/ul	99
21) Benzo(a)anthracene	21.489	228	1799324	29.305	ng/ul	98
22) Chrysene	21.541	228	1767907	26.395	ng/ul	98
24) Benzo(b)fluoranthene	23.202	252	2160561m	21.859	ng/ul	
25) Benzo(k)fluoranthene	23.242	252	748040m	7.868	ng/ul	
26) Benzo(a)pyrene	23.842	252	1528115	18.686	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.495	276	1112209	11.804	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.495	278	270852	3.680	ng/ul	99
29) Benzo(g,h,i)perylene	27.273	276	981615	12.252	ng/ul	99

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

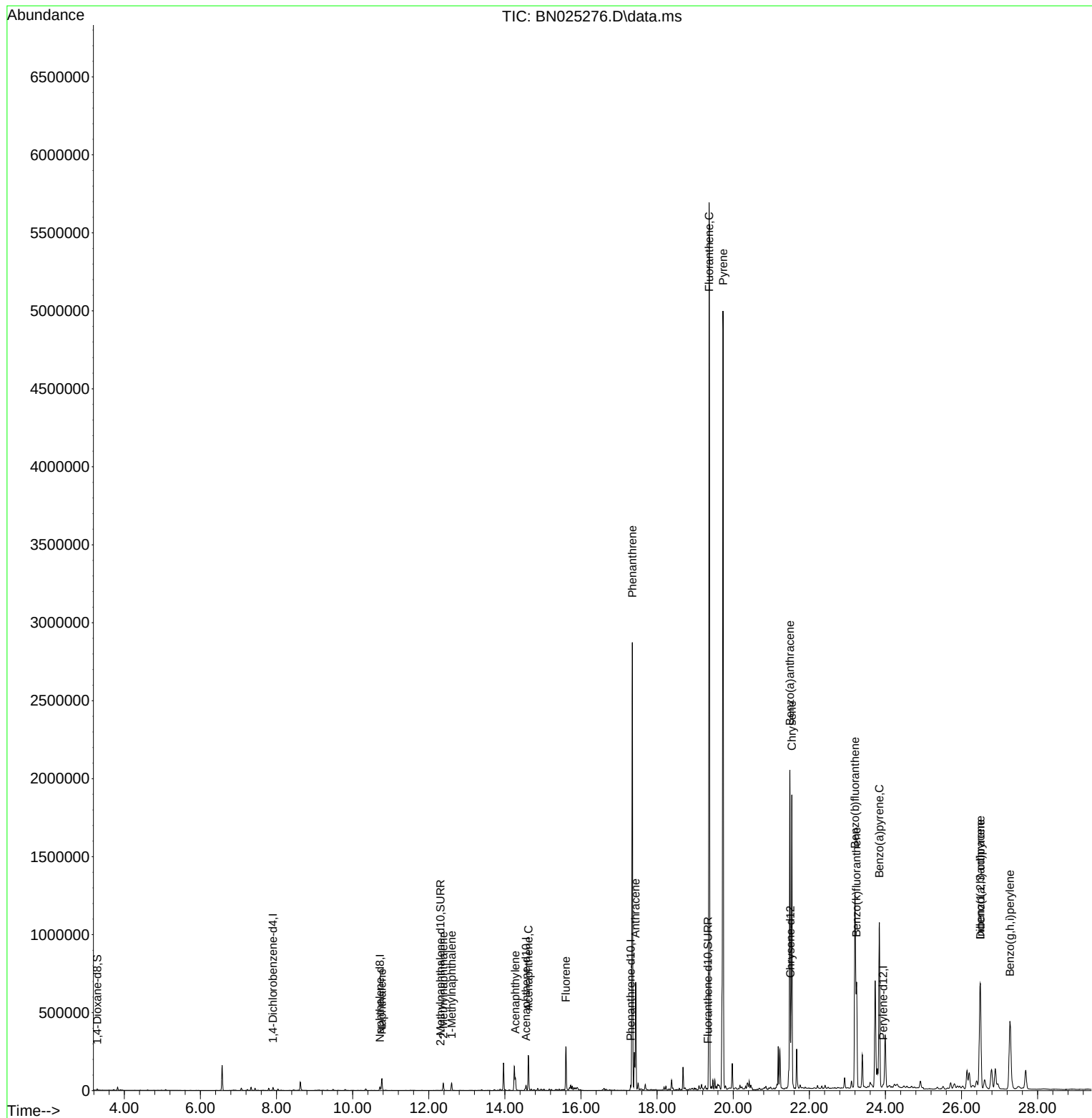
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050523\
Data File : BN025276.D
Acq On : 05 May 2023 12:31
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ALS Vial : 7 Sample Multiplier: 1

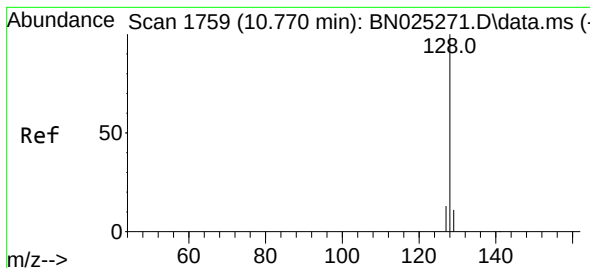
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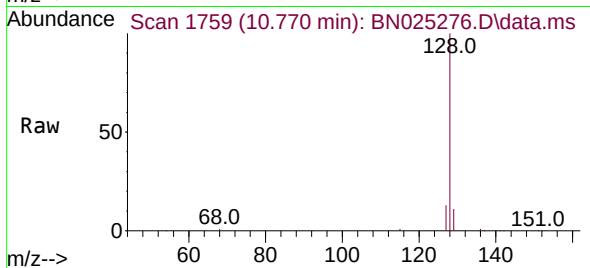
Quant Time: May 06 04:06:37 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 05 11:29:16 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.320 ng/ul
RT: 10.770 min Scan# 1759
Delta R.T. -0.000 min
Lab File: BN025276.D
Acq: 05 May 2023 12:31

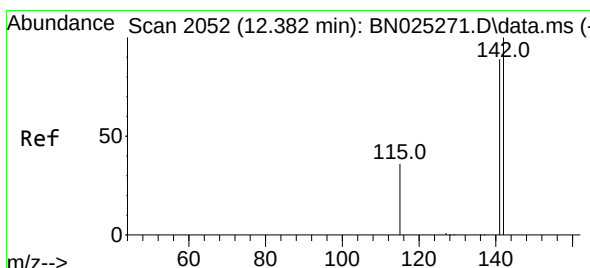
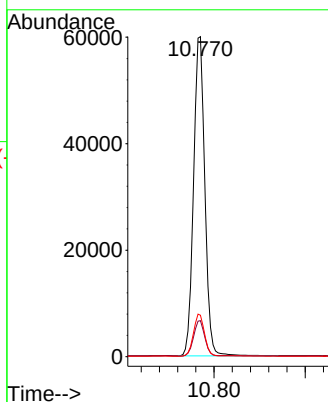
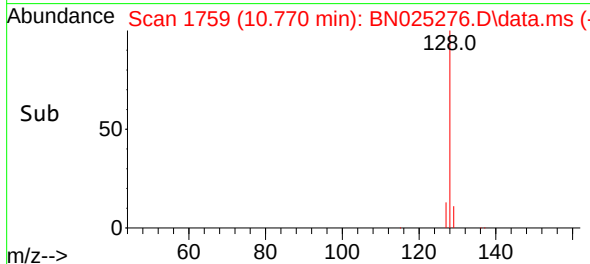
Instrument :
BNA_N
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EW940DL



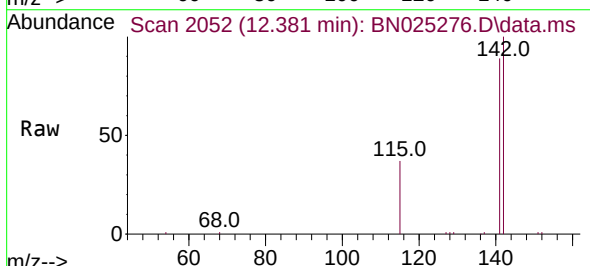
Tgt Ion:128 Resp: 10284
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 12.9 10.7 16.1

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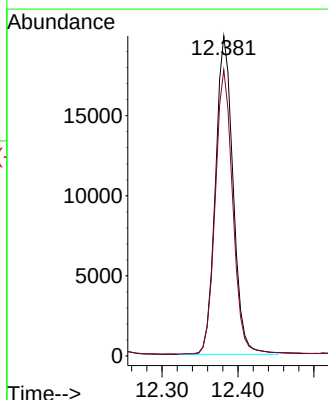
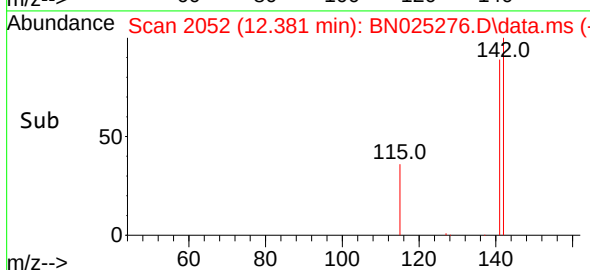
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

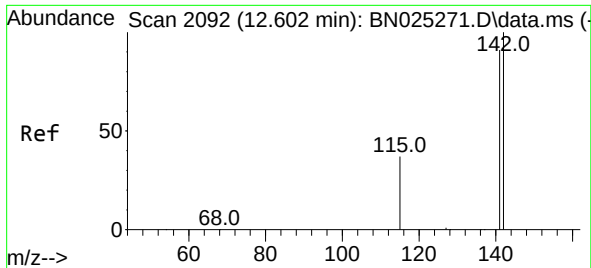


#7
2-Methylnaphthalene
Concen: 0.669 ng/ul
RT: 12.381 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BN025276.D
Acq: 05 May 2023 12:31



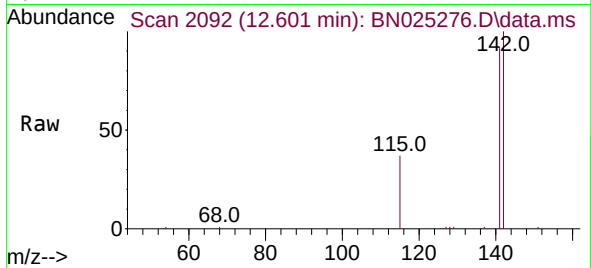
Tgt Ion:142 Resp: 31912
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.0





#8
1-Methylnaphthalene
Concen: 0.651 ng/ul
RT: 12.601 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BN025276.D
Acq: 05 May 2023 12:31

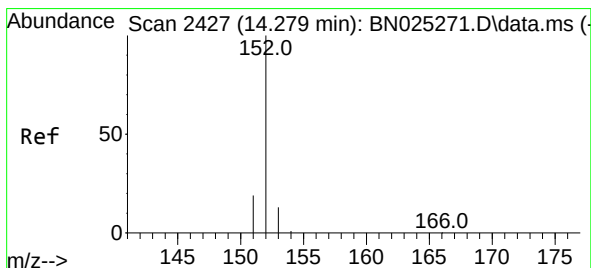
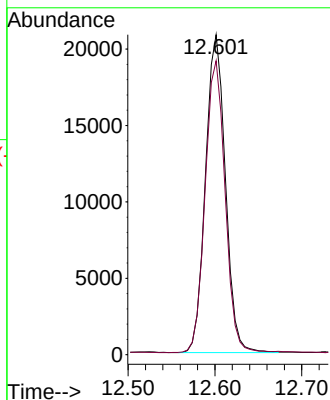
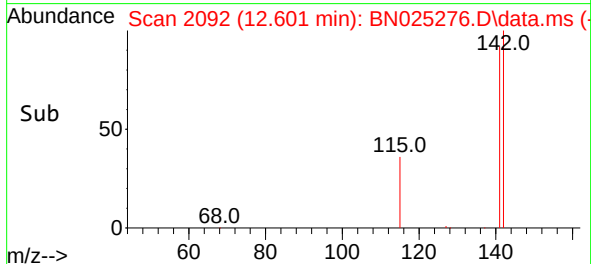
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Ion Ratio Lower Upper
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141 92.1 73.8 110.6

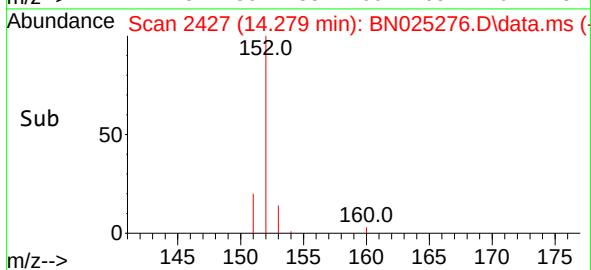
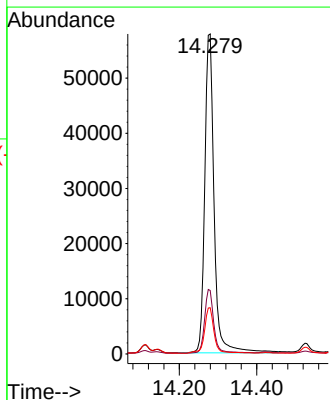
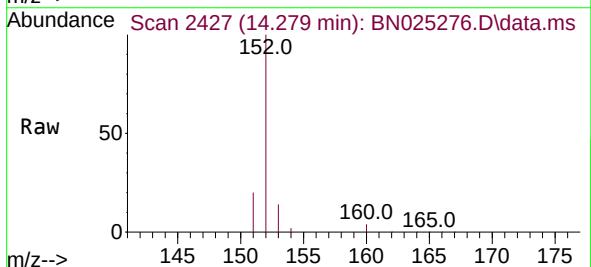
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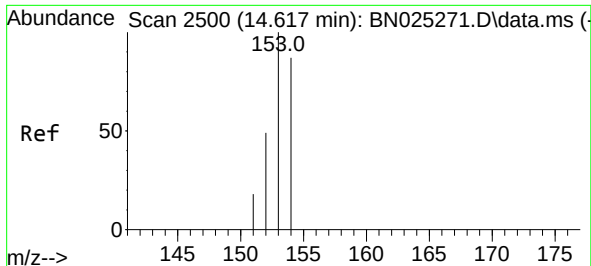
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#10
Acenaphthylene
Concen: 1.476 ng/ul
RT: 14.279 min Scan# 2427
Delta R.T. 0.001 min
Lab File: BN025276.D
Acq: 05 May 2023 12:31

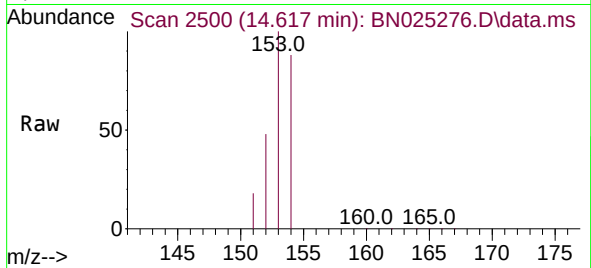
Tgt Ion:152 Resp: 97106
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 14.5 10.8 16.2





#11
Acenaphthene
Concen: 2.292 ng/u1
RT: 14.617 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN025276.D
Acq: 05 May 2023 12:31

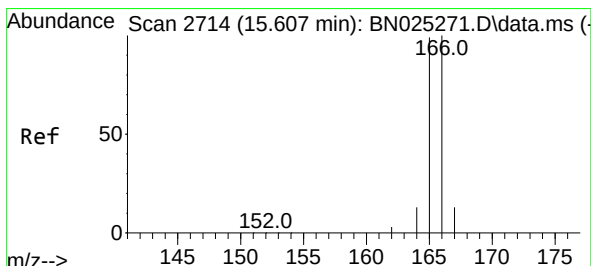
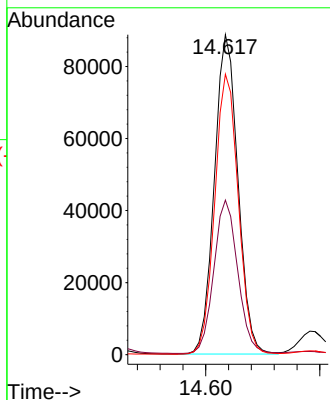
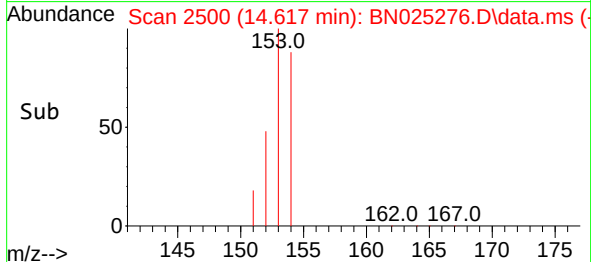
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 127100
Ion Ratio Lower Upper
153 100
152 48.3 40.2 60.4
154 87.6 69.4 104.2

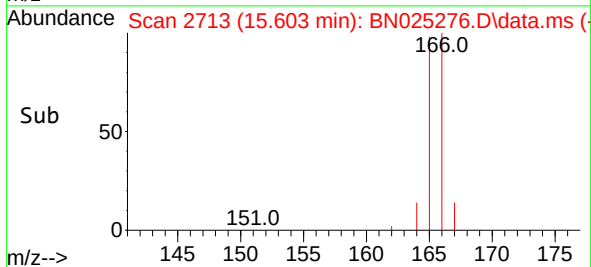
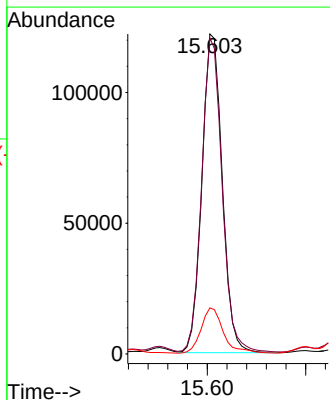
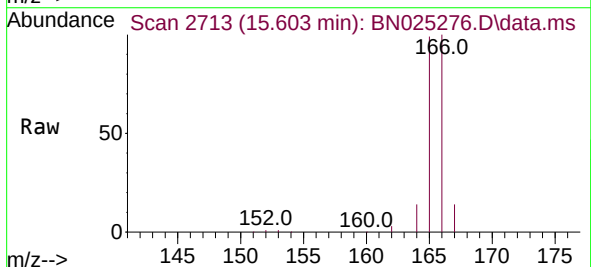
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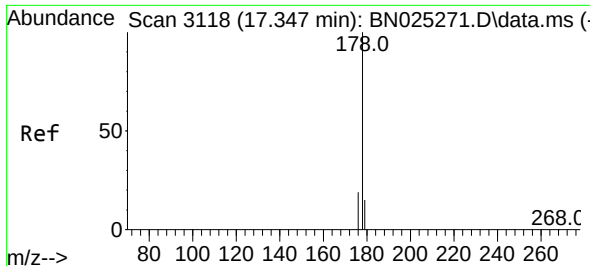
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#12
Fluorene
Concen: 2.816 ng/u1
RT: 15.603 min Scan# 2713
Delta R.T. -0.004 min
Lab File: BN025276.D
Acq: 05 May 2023 12:31

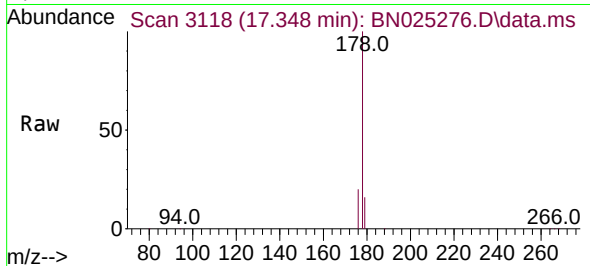
Tgt Ion:166 Resp: 174582
Ion Ratio Lower Upper
166 100
165 98.7 78.1 117.1
167 14.4 11.0 16.6





#15
Phenanthrene
Concen: 31.310 ng/ul
RT: 17.348 min Scan# 3118
Delta R.T. 0.001 min
Lab File: BN025276.D
Acq: 05 May 2023 12:31

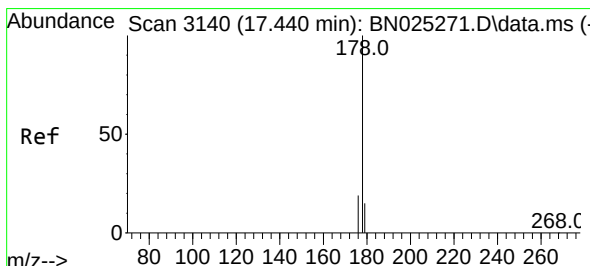
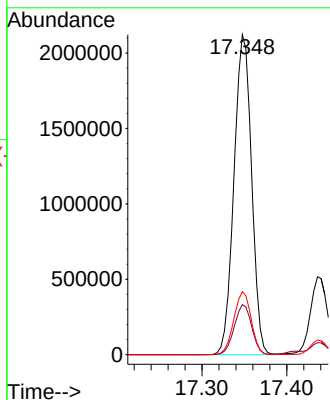
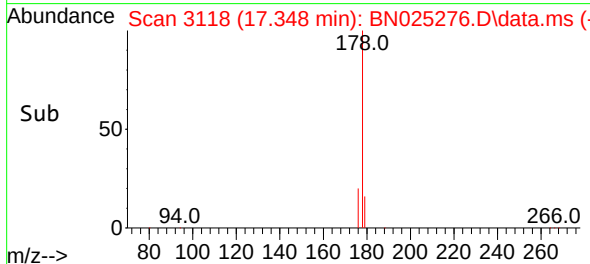
Instrument :
BNA_N
ClientSampleId :
EW940DL



Tgt Ion:178 Resp: 3054609
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 19.7 15.6 23.4

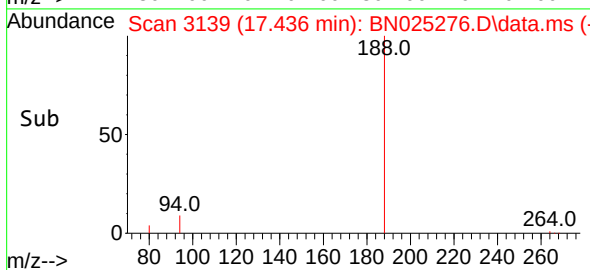
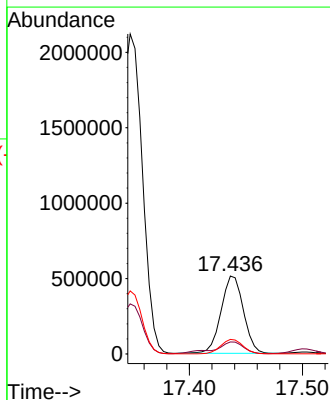
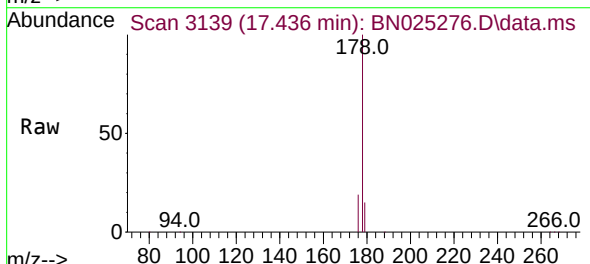
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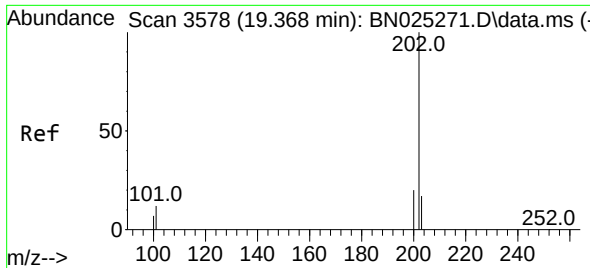
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#16
Anthracene
Concen: 8.835 ng/ul
RT: 17.436 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BN025276.D
Acq: 05 May 2023 12:31

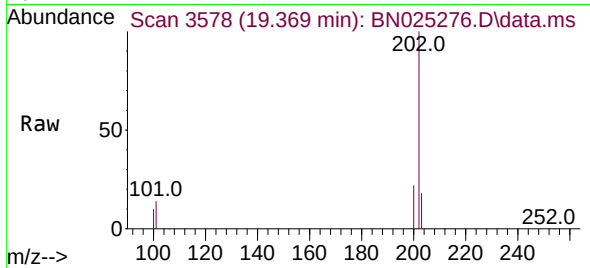
Tgt Ion:178 Resp: 705147
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 18.7 15.3 22.9





#19
Fluoranthene
Concen: 67.372 ng/u1
RT: 19.369 min Scan# 3578
Delta R.T. 0.001 min
Lab File: BN025276.D
Acq: 05 May 2023 12:31

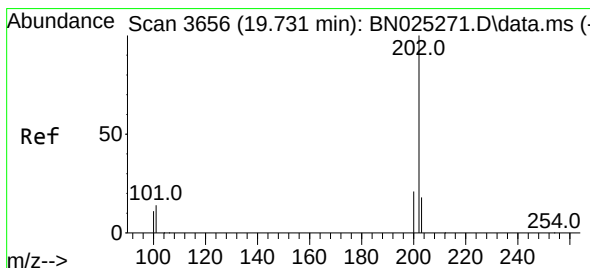
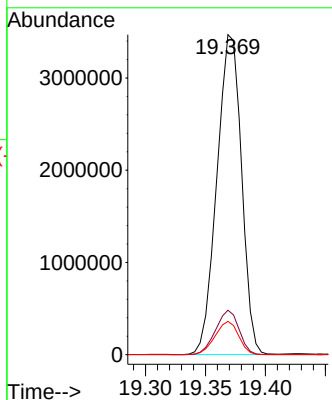
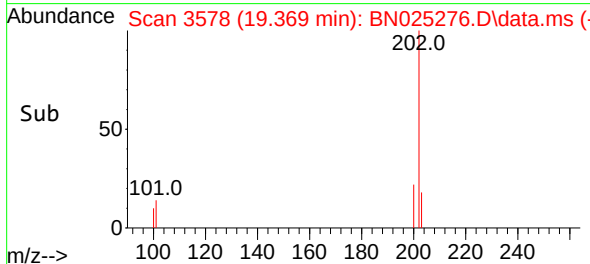
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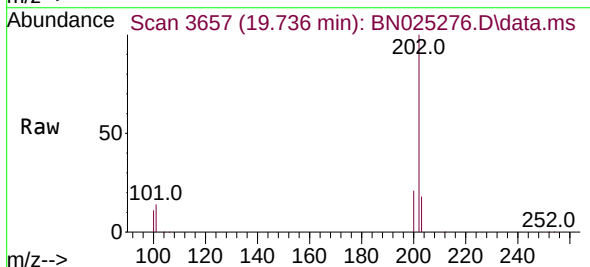
Tgt Ion:202 Resp: 4964188
Ion Ratio Lower Upper
202 100
101 13.9 9.7 14.5
100 10.4 7.3 10.9

Manual Integrations
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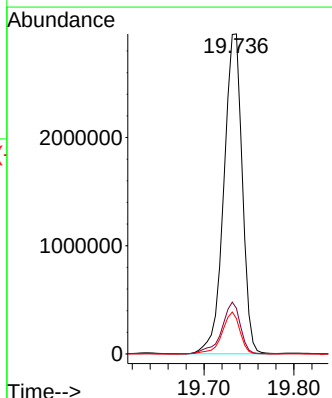
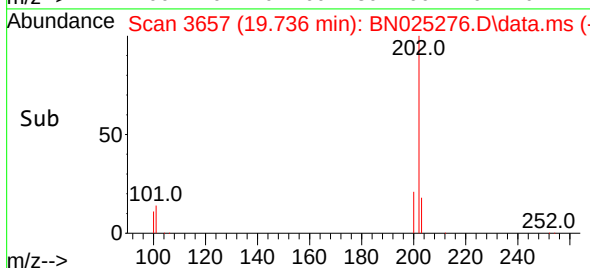
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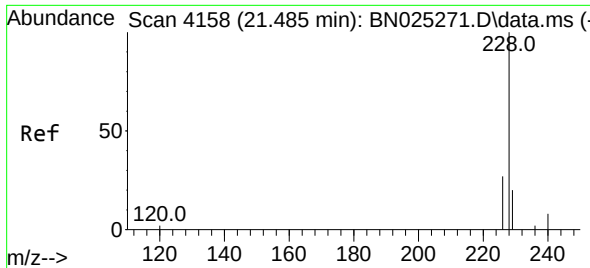


#20
Pyrene
Concen: 55.452 ng/u1
RT: 19.736 min Scan# 3657
Delta R.T. 0.005 min
Lab File: BN025276.D
Acq: 05 May 2023 12:31



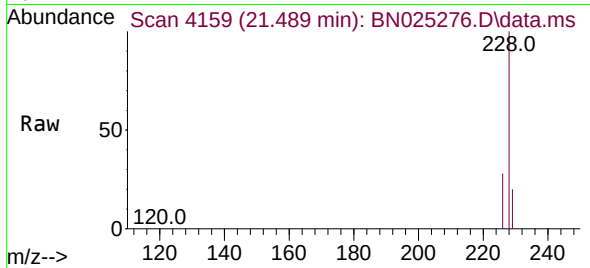
Tgt Ion:202 Resp: 4198042
Ion Ratio Lower Upper
202 100
101 14.2 11.3 16.9
100 11.1 9.2 13.8





#21
Benzo(a)anthracene
Concen: 29.305 ng/u1
RT: 21.489 min Scan# 4158
Delta R.T. 0.004 min
Lab File: BN025276.D
Acq: 05 May 2023 12:31

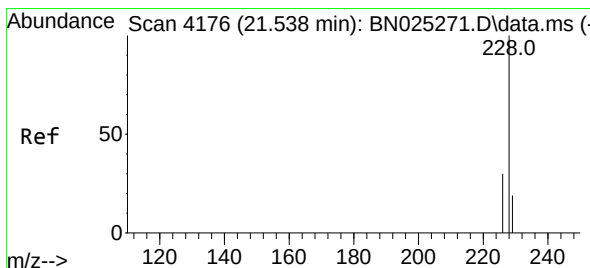
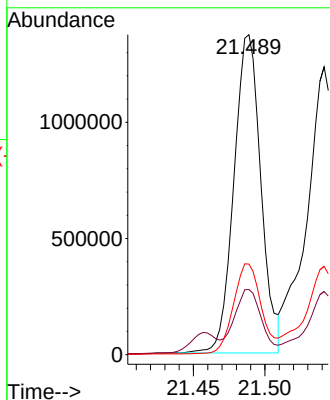
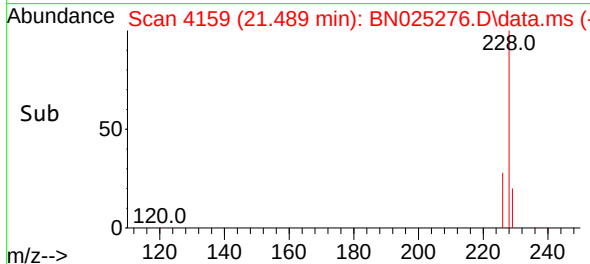
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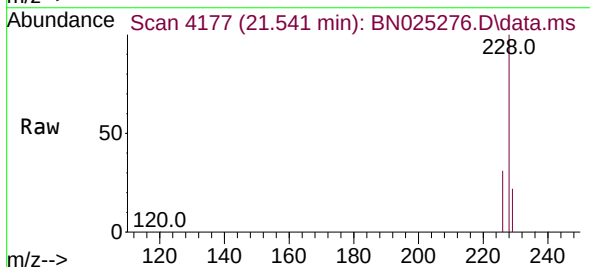
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Ion Ratio Lower Upper
228 100
229 20.4 15.6 23.4
226 28.3 22.1 33.1

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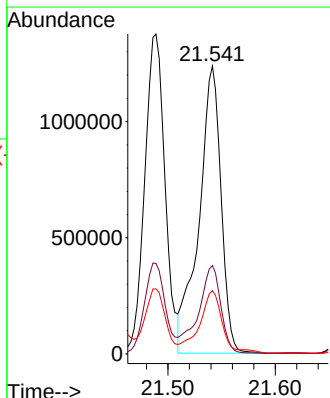
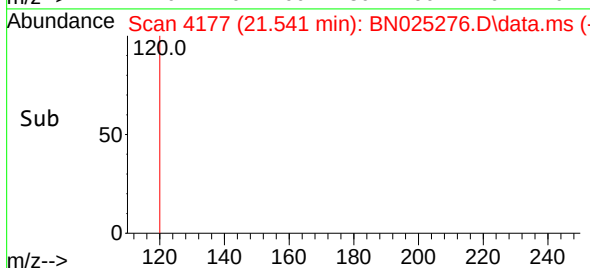
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Supervised By :Jagrut Upadhyay 05/08/2023

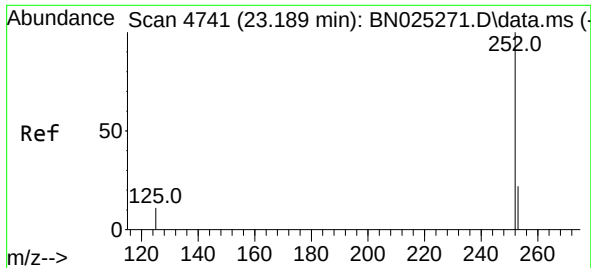


#22
Chrysene
Concen: 26.395 ng/u1
RT: 21.541 min Scan# 4177
Delta R.T. 0.004 min
Lab File: BN025276.D
Acq: 05 May 2023 12:31



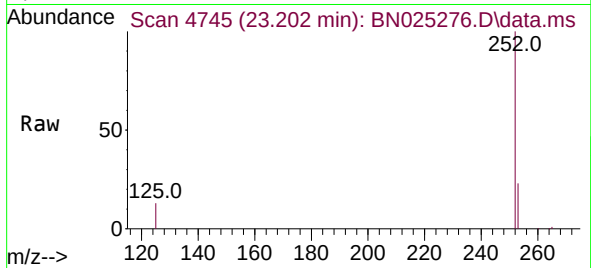
Tgt Ion:228 Resp: 1767907
Ion Ratio Lower Upper
228 100
226 30.7 24.5 36.7
229 21.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 21.859 ng/ul m
RT: 23.202 min Scan# 4745
Delta R.T. 0.012 min
Lab File: BN025276.D
Acq: 05 May 2023 12:31

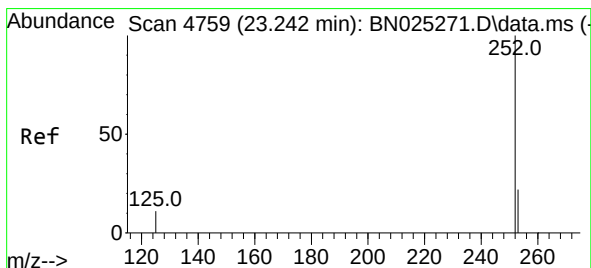
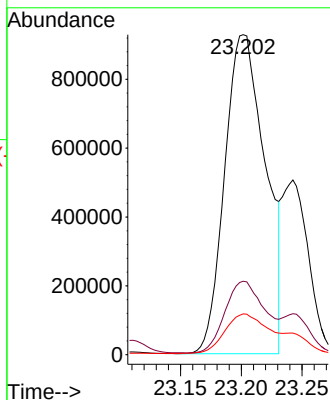
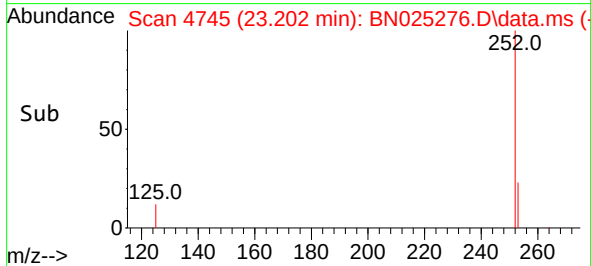
Instrument :
BNA_N
ClientSampleId :
EW940DL



Tgt Ion:252 Resp: 216056
Ion Ratio Lower Upper
252 100
253 23.0 0.0 50.2
125 12.7 0.0 30.4

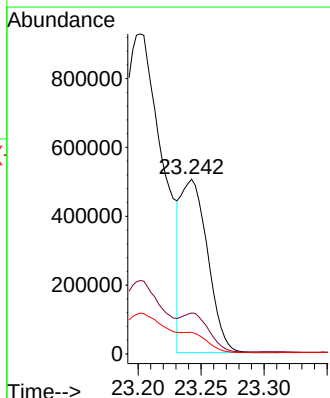
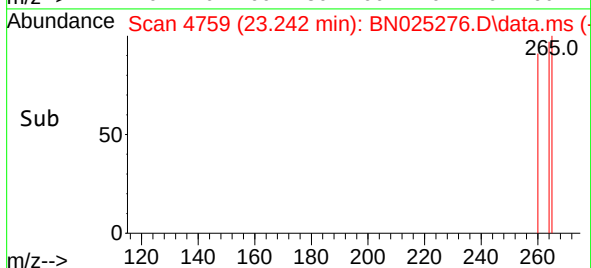
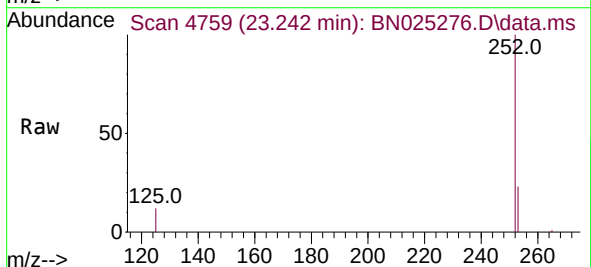
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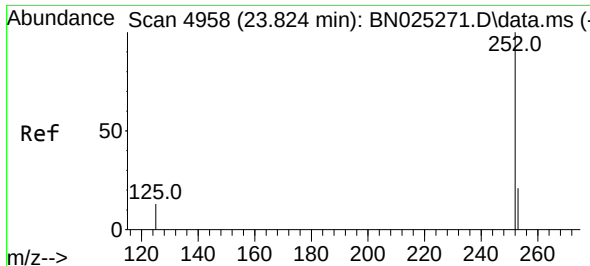
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#25
Benzo(k)fluoranthene
Concen: 7.868 ng/ul m
RT: 23.242 min Scan# 4759
Delta R.T. 0.001 min
Lab File: BN025276.D
Acq: 05 May 2023 12:31

Tgt Ion:252 Resp: 748040
Ion Ratio Lower Upper
252 100
253 23.5 20.2 30.4
125 12.3 11.8 17.8





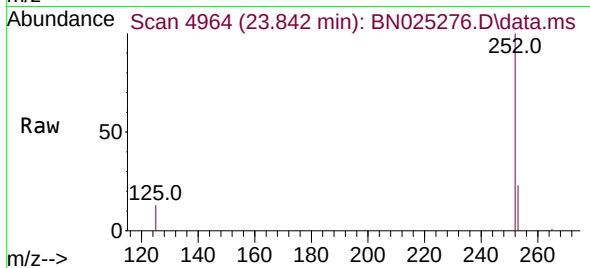
#26
Benzo(a)pyrene
Concen: 18.686 ng/ul
RT: 23.842 min Scan# 4958
Delta R.T. 0.018 min
Lab File: BN025276.D
Acq: 05 May 2023 12:31

Instrument :

BN025276.D

ClientSampleId :

EW940DL

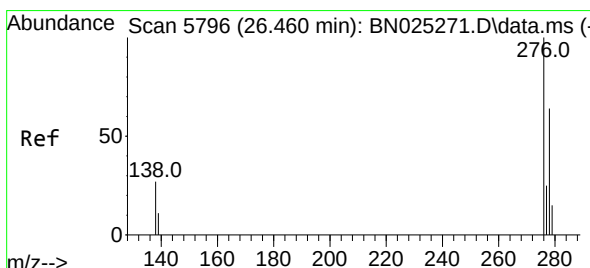
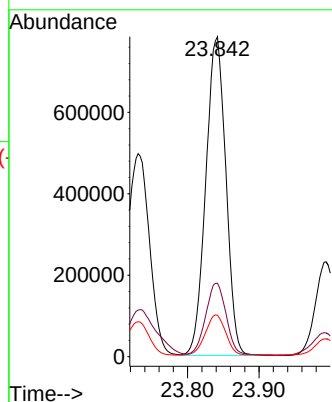
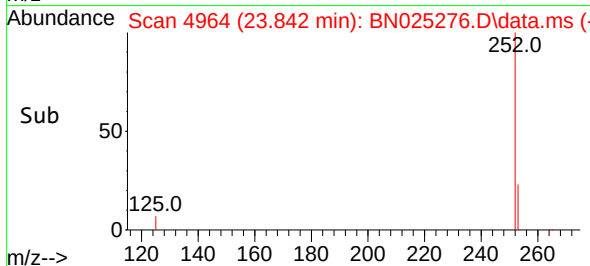


Tgt Ion:252 Resp: 152811
Ion Ratio Lower Upper
252 100
253 23.0 21.4 32.2
125 13.0 14.6 22.0

Manual Integrations

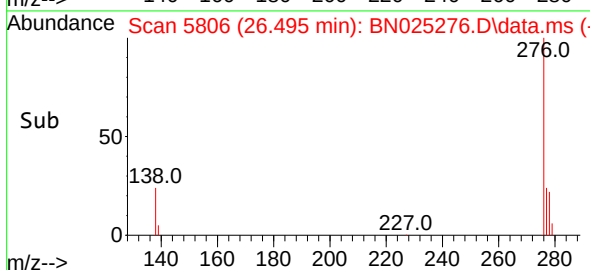
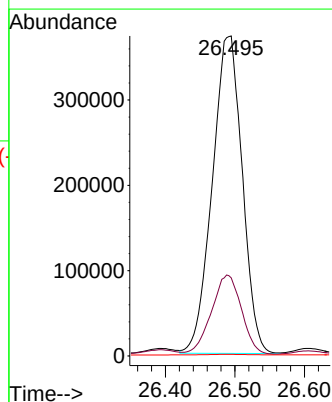
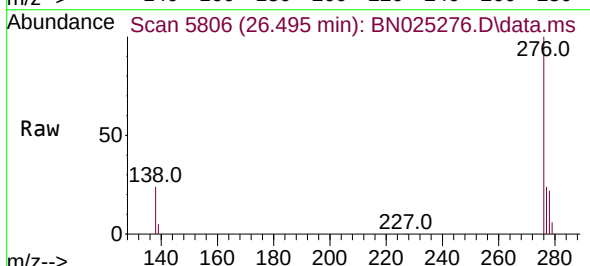
APPROVED

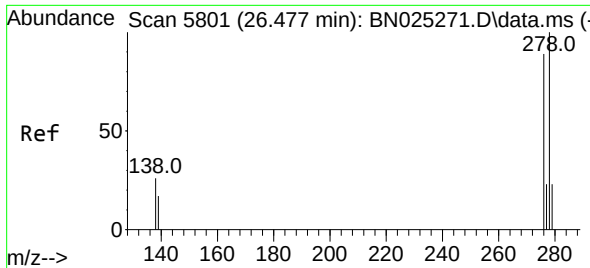
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 11.804 ng/ul
RT: 26.495 min Scan# 5806
Delta R.T. 0.034 min
Lab File: BN025276.D
Acq: 05 May 2023 12:31

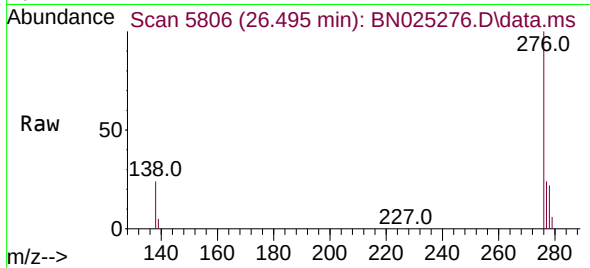
Tgt Ion:276 Resp: 1112209
Ion Ratio Lower Upper
276 100
138 24.8 21.9 32.9
227 0.3 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 3.680 ng/ul
RT: 26.495 min Scan# 5806
Delta R.T. 0.017 min
Lab File: BN025276.D
Acq: 05 May 2023 12:31

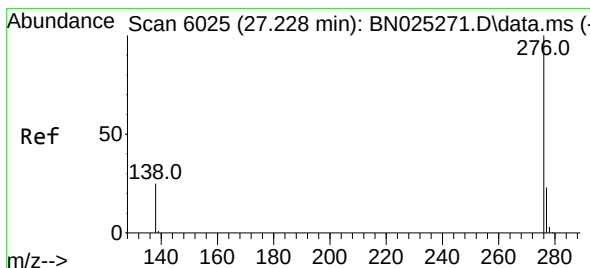
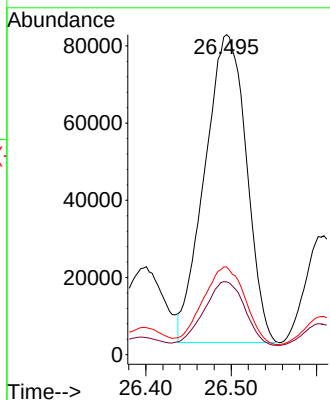
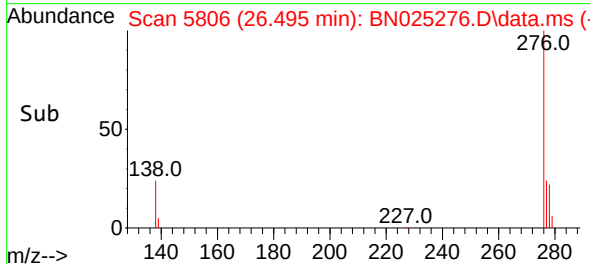
Instrument :
BNA_N
ClientSampleId :
EW940DL



Tgt Ion:278 Resp: 270852
Ion Ratio Lower Upper
278 100
139 22.8 17.0 25.6
279 27.4 21.8 32.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#29
Benzo(g,h,i)perylene
Concen: 12.252 ng/ul
RT: 27.273 min Scan# 6038
Delta R.T. 0.044 min
Lab File: BN025276.D
Acq: 05 May 2023 12:31

Tgt Ion:276 Resp: 981615
Ion Ratio Lower Upper
276 100
138 25.5 20.3 30.5
277 23.8 19.8 29.6

