

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023384.D
 Acq On : 23 Dec 2022 22:41
 Operator : CG/JU
 Sample : N6008-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXY3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/24/2022
 Supervised By :Yogesh Patel 12/24/2022

Quant Time: Dec 24 03:08:30 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.994	152	7069	0.400	ng/ul	0.00
4) Naphthalene-d8	10.810	136	23210	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.641	164	13789	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.391	188	33014	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	25467	0.400	ng/ul	0.00
23) Perylene-d12	24.028	264	21295	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	10090	1.314	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.399	152	10382	0.289	ng/ul	0.00
18) Fluoranthene-d10	19.416	212	30309	0.329	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.859	128	2776	0.041	ng/ul#	91
7) 2-Methylnaphthalene	12.470	142	1352	0.031	ng/ul	99
8) 1-Methylnaphthalene	12.690	142	936	0.021	ng/ul	98
10) Acenaphthylene	14.364	152	12877	0.211	ng/ul	99
15) Phenanthrene	17.433	178	28995	0.270	ng/ul	99
16) Anthracene	17.522	178	13431	0.151	ng/ul	97
19) Fluoranthene	19.449	202	131701	1.066	ng/ul	99
20) Pyrene	19.811	202	113049m	0.908	ng/ul	
21) Benzo(a)anthracene	21.561	228	76986	0.776	ng/ul	96
22) Chrysene	21.614	228	86025	0.853	ng/ul	98
24) Benzo(b)fluoranthene	23.280	252	133266m	1.210	ng/ul	
25) Benzo(k)fluoranthene	23.321	252	44429m	0.430	ng/ul	
26) Benzo(a)pyrene	23.920	252	71925	0.825	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.581	276	57531	0.565	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.591	278	15181	0.192	ng/ul#	87
29) Benzo(g,h,i)perylene	27.369	276	55654	0.671	ng/ul	98

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

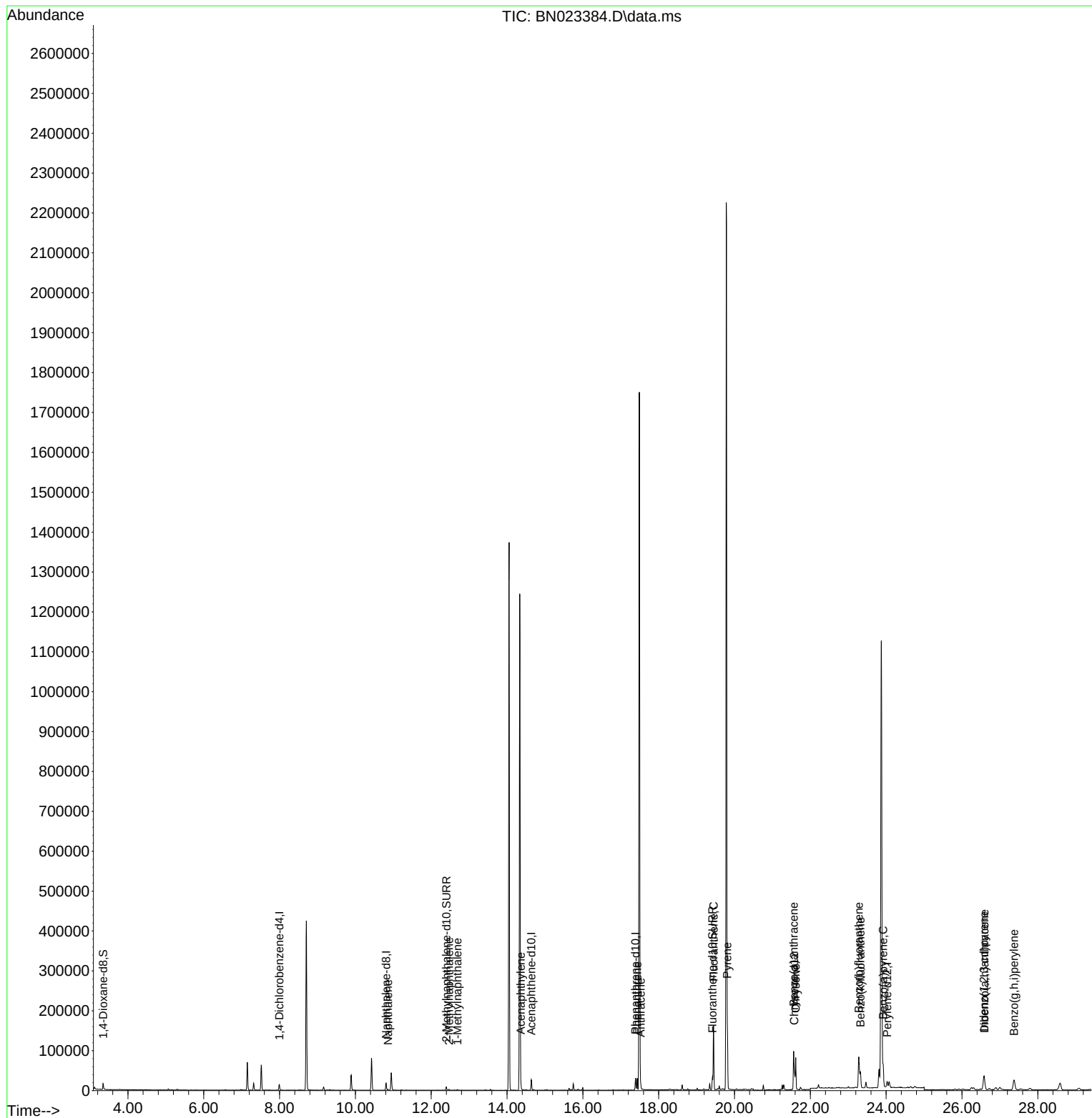
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023384.D
Acq On : 23 Dec 2022 22:41
Operator : CG/JU
Sample : N6008-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

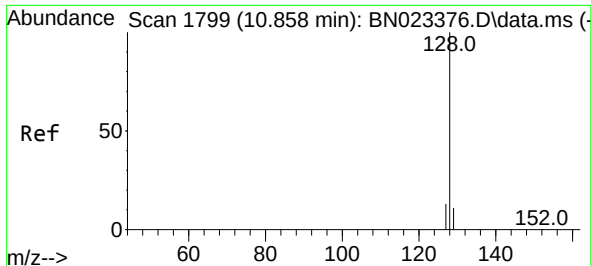
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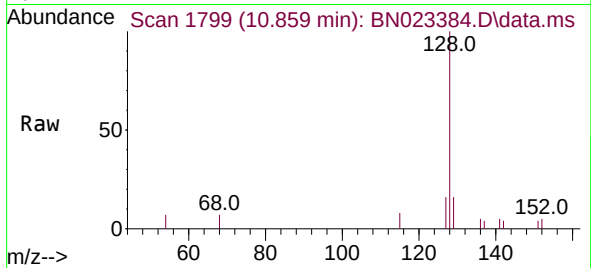
Quant Time: Dec 24 03:08:30 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
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#5
Naphthalene
Concen: 0.041 ng/ul
RT: 10.859 min Scan# 1799
Delta R.T. -0.005 min
Lab File: BN023384.D
Acq: 23 Dec 2022 22:41

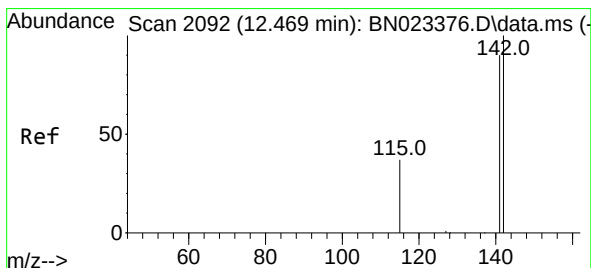
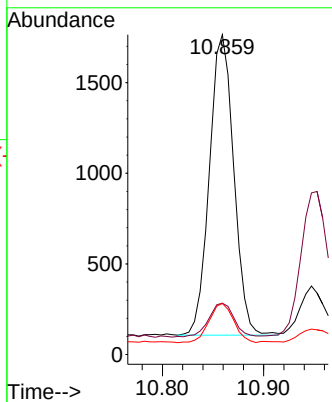
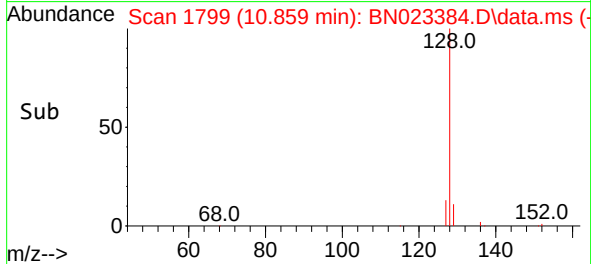
Instrument :
BNA_N
ClientSampleId :
DBXY3



Tgt Ion:128 Resp: 2776
Ion Ratio Lower Upper
128 100
129 16.1 9.0 13.4
127 16.0 10.7 16.1

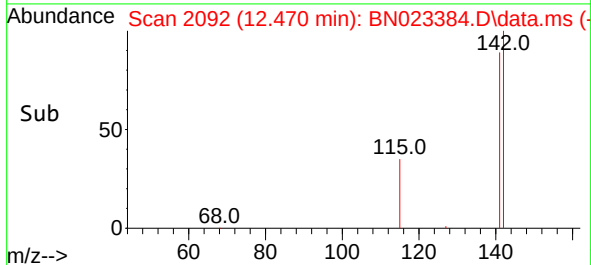
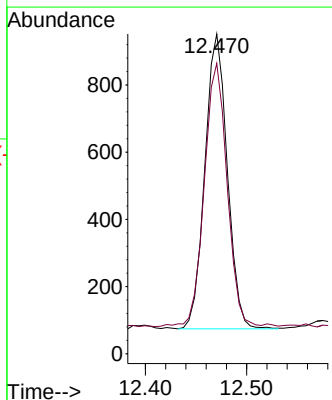
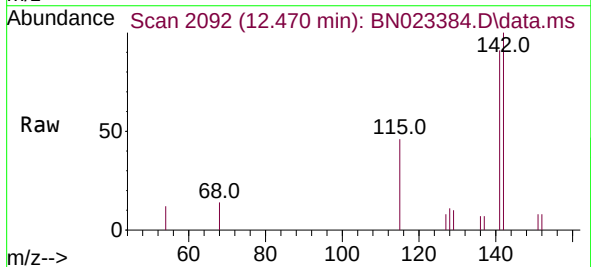
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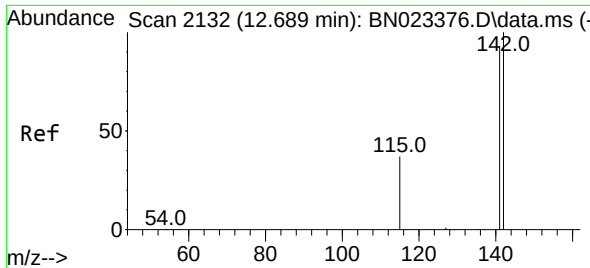
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.470 min Scan# 2092
Delta R.T. -0.005 min
Lab File: BN023384.D
Acq: 23 Dec 2022 22:41

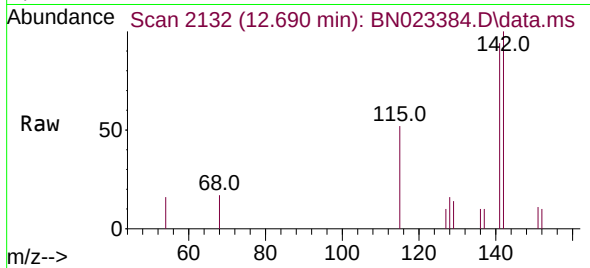
Tgt Ion:142 Resp: 1352
Ion Ratio Lower Upper
142 100
141 90.4 71.4 107.2





#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.690 min Scan# 2132
Delta R.T. -0.005 min
Lab File: BN023384.D
Acq: 23 Dec 2022 22:41

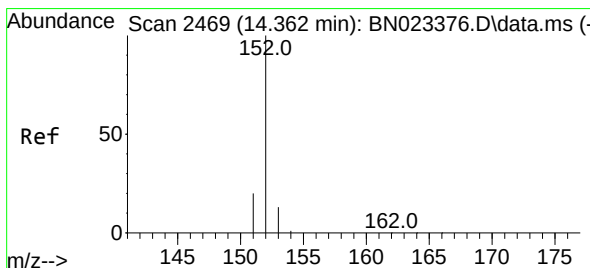
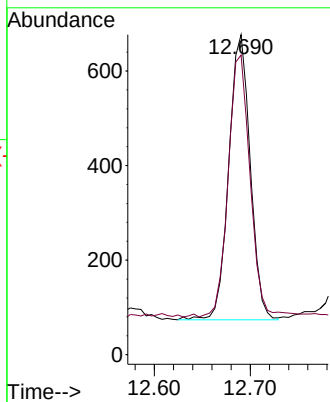
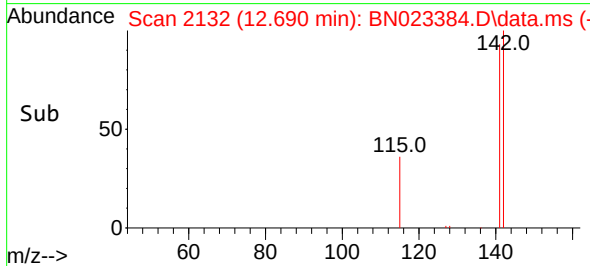
Instrument :
BNA_N
ClientSampleId :
DBXY3



Tgt Ion:142 Resp: 936
Ion Ratio Lower Upper
142 100
141 94.3 74.0 111.0

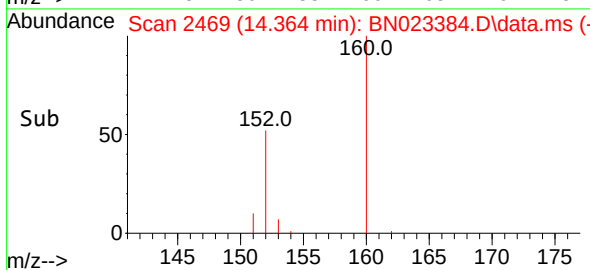
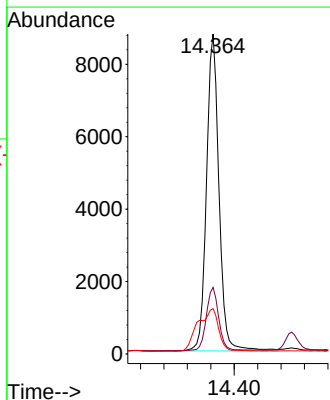
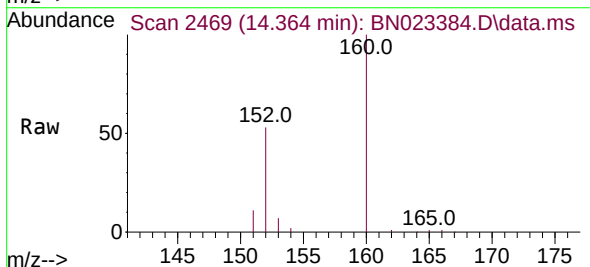
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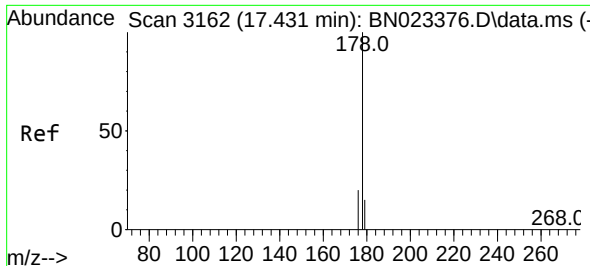
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#10
Acenaphthylene
Concen: 0.211 ng/ul
RT: 14.364 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BN023384.D
Acq: 23 Dec 2022 22:41

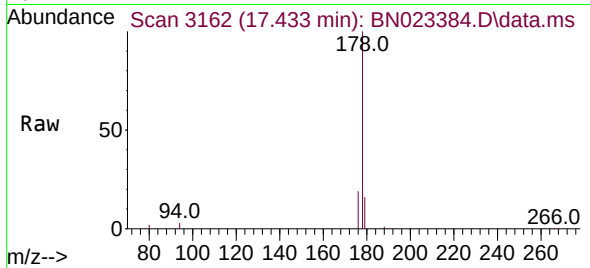
Tgt Ion:152 Resp: 12877
Ion Ratio Lower Upper
152 100
151 20.8 16.1 24.1
153 14.1 10.9 16.3





#15
Phenanthrene
Concen: 0.270 ng/ul
RT: 17.433 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BN023384.D
Acq: 23 Dec 2022 22:41

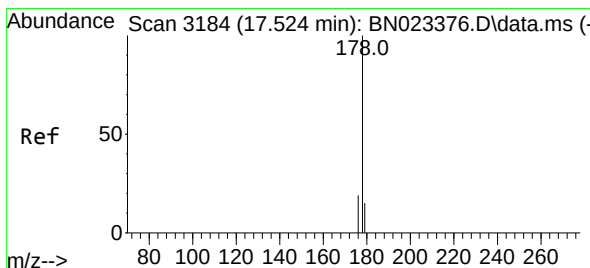
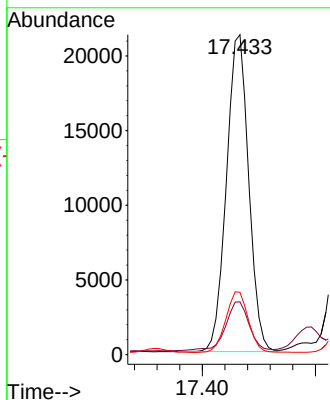
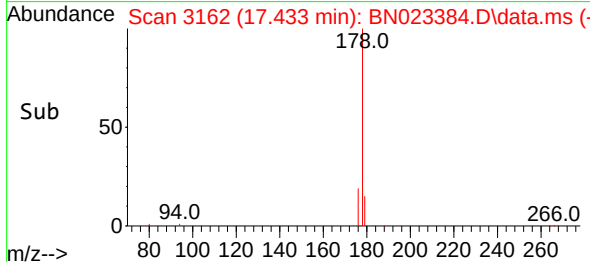
Instrument :
BNA_N
ClientSampleId :
DBXY3



Tgt Ion:178 Resp: 28995
Ion Ratio Lower Upper
178 100
179 16.5 12.5 18.7
176 19.5 15.7 23.5

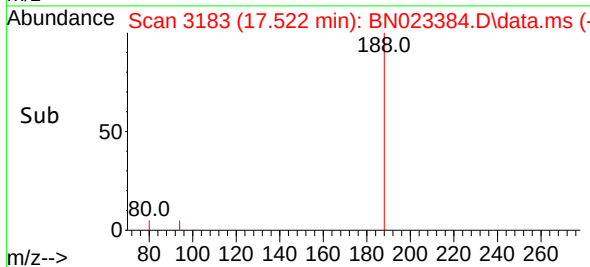
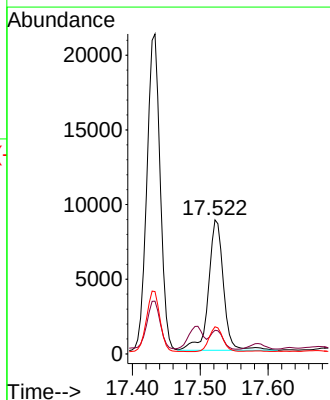
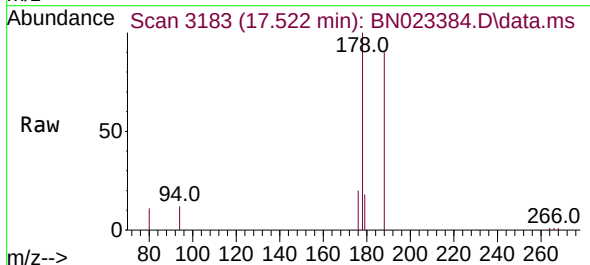
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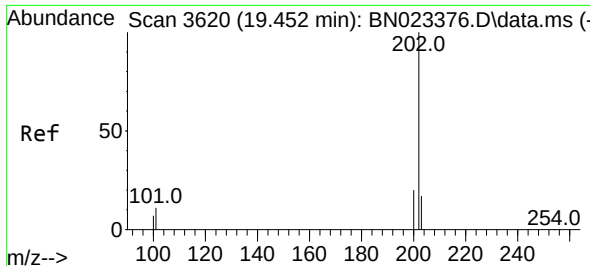
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#16
Anthracene
Concen: 0.151 ng/ul
RT: 17.522 min Scan# 3183
Delta R.T. -0.004 min
Lab File: BN023384.D
Acq: 23 Dec 2022 22:41

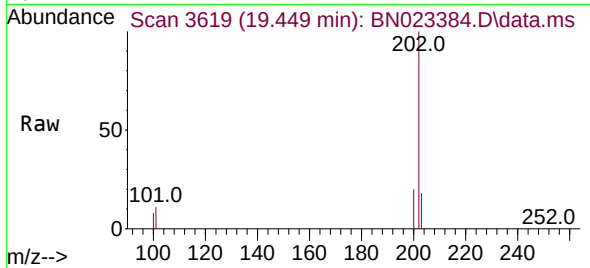
Tgt Ion:178 Resp: 13431
Ion Ratio Lower Upper
178 100
179 17.6 12.6 18.8
176 20.3 15.4 23.0





#19
Fluoranthene
Concen: 1.066 ng/ul
RT: 19.449 min Scan# 3619
Delta R.T. 0.000 min
Lab File: BN023384.D
Acq: 23 Dec 2022 22:41

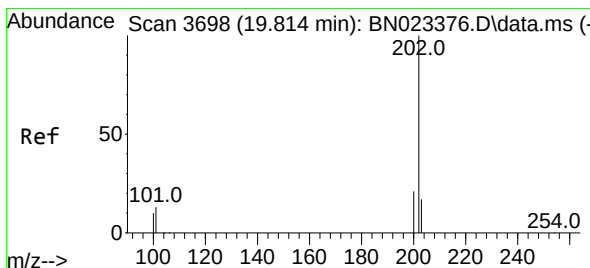
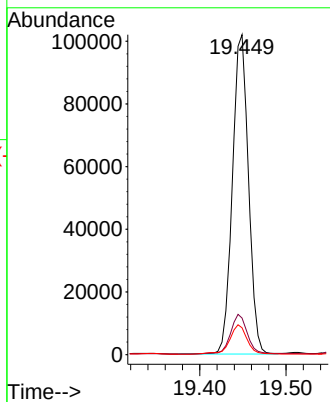
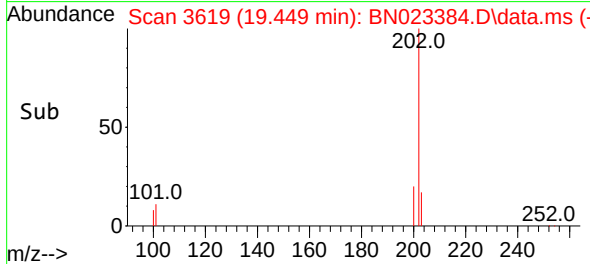
Instrument :
BNA_N
ClientSampleId :
DBXY3



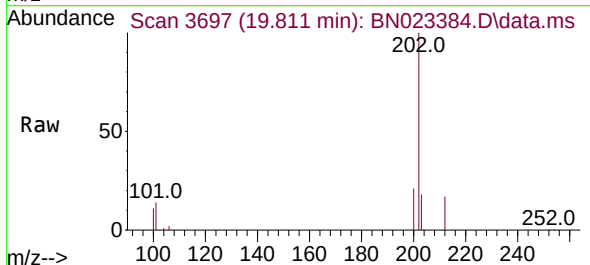
Tgt Ion:202 Resp: 131701
Ion Ratio Lower Upper
202 100
101 11.5 9.4 14.2
100 8.4 7.0 10.6

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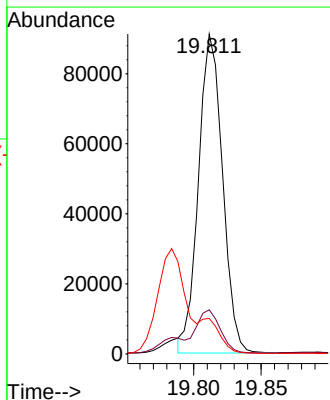
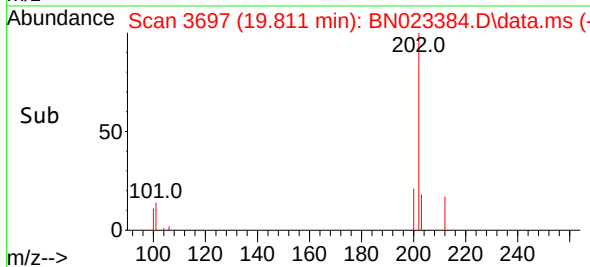
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

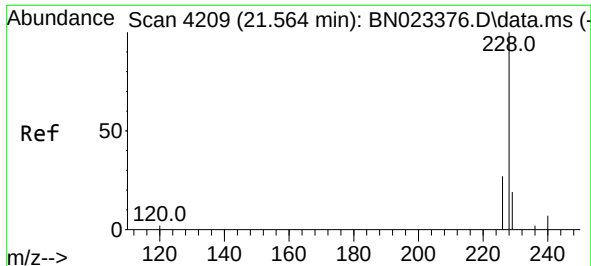


#20
Pyrene
Concen: 0.908 ng/ul m
RT: 19.811 min Scan# 3697
Delta R.T. 0.000 min
Lab File: BN023384.D
Acq: 23 Dec 2022 22:41



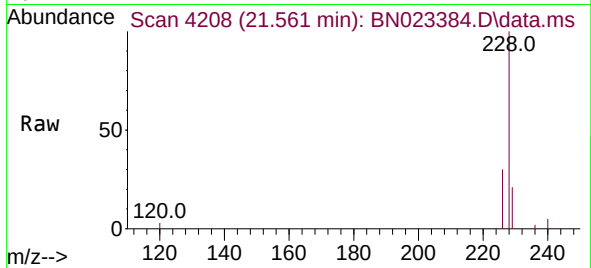
Tgt Ion:202 Resp: 113049
Ion Ratio Lower Upper
202 100
101 13.8 11.3 16.9
100 11.1 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.776 ng/ul
RT: 21.561 min Scan# 4209
Delta R.T. 0.000 min
Lab File: BN023384.D
Acq: 23 Dec 2022 22:41

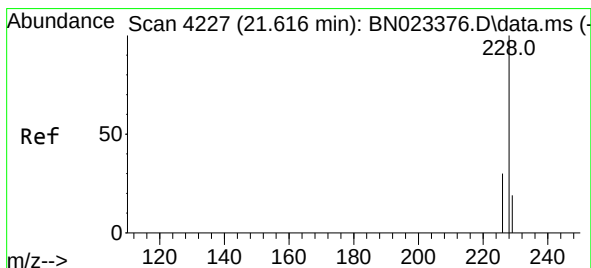
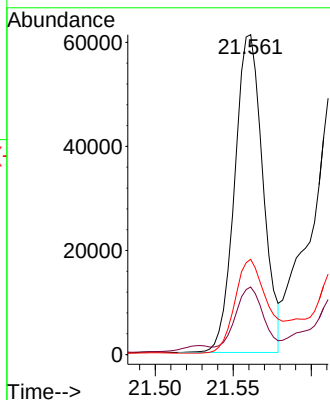
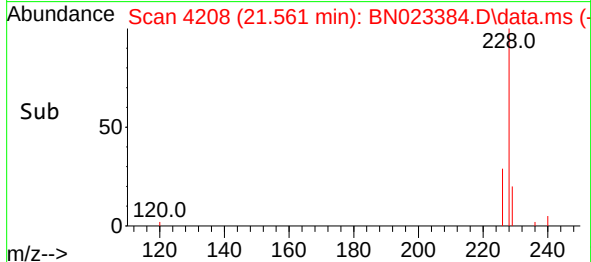
Instrument :
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DBXY3



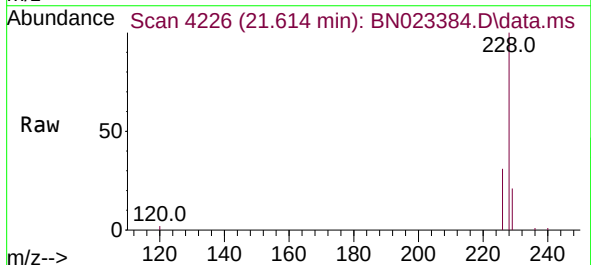
Tgt Ion:228 Resp: 76986
Ion Ratio Lower Upper
228 100
229 21.1 15.6 23.4
226 29.8 22.2 33.2

Manual Integrations
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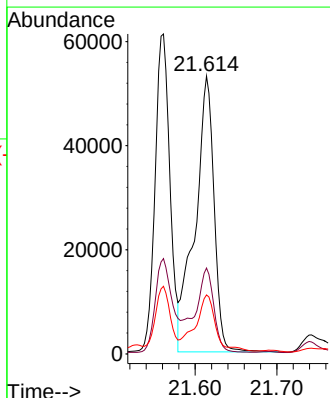
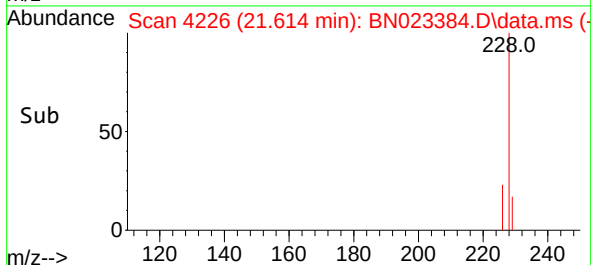
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

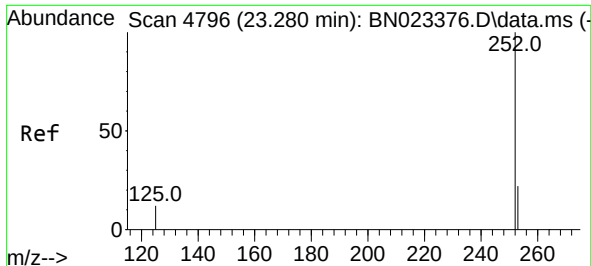


#22
Chrysene
Concen: 0.853 ng/ul
RT: 21.614 min Scan# 4226
Delta R.T. -0.003 min
Lab File: BN023384.D
Acq: 23 Dec 2022 22:41



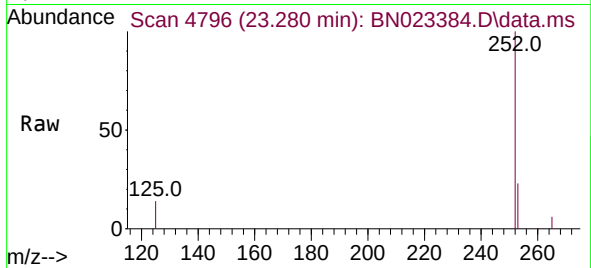
Tgt Ion:228 Resp: 86025
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 21.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.210 ng/ul m
RT: 23.280 min Scan# 4796
Delta R.T. 0.006 min
Lab File: BN023384.D
Acq: 23 Dec 2022 22:41

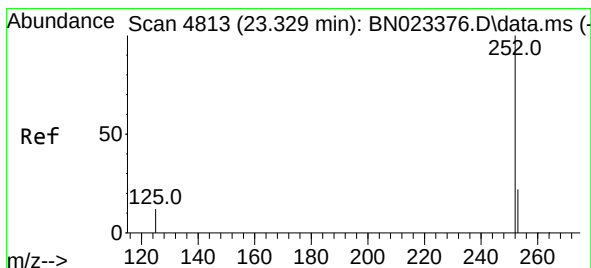
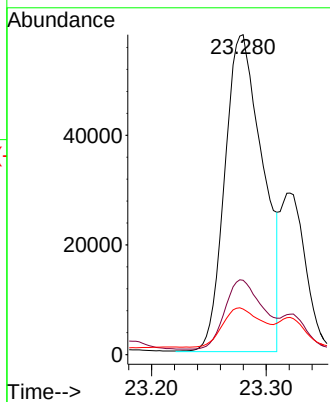
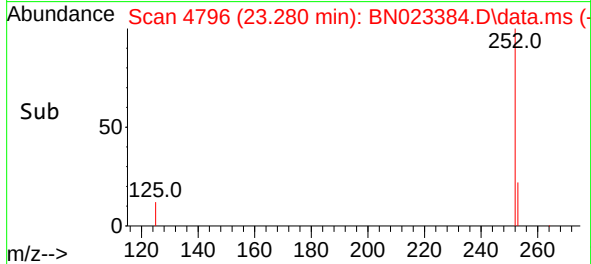
Instrument :
BNA_N
ClientSampleId :
DBXY3



Tgt Ion:252 Resp: 133266
Ion Ratio Lower Upper
252 100
253 23.2 0.0 49.2
125 14.2 0.0 31.8

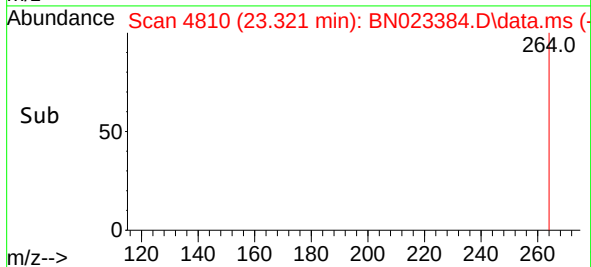
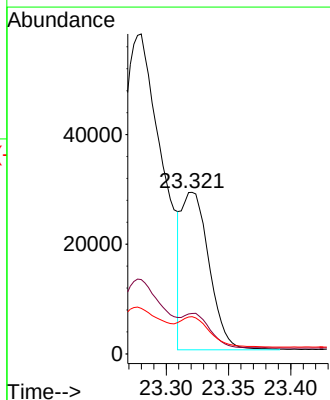
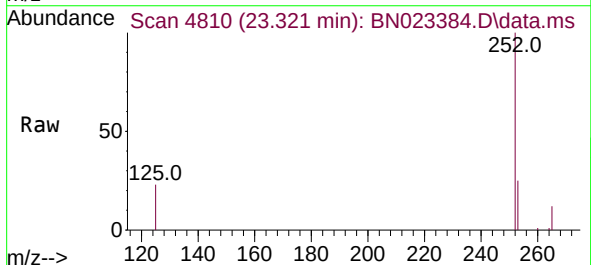
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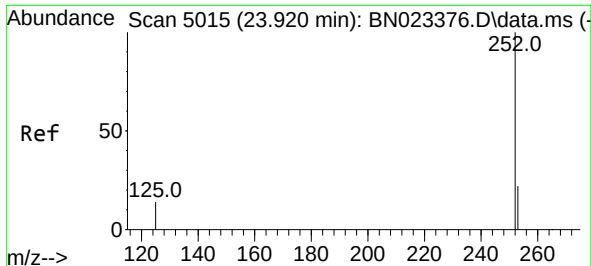
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#25
Benzo(k)fluoranthene
Concen: 0.430 ng/ul m
RT: 23.321 min Scan# 4810
Delta R.T. -0.003 min
Lab File: BN023384.D
Acq: 23 Dec 2022 22:41

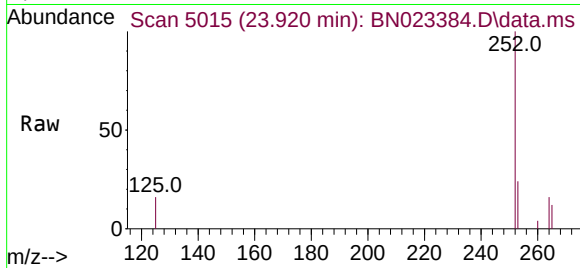
Tgt Ion:252 Resp: 44429
Ion Ratio Lower Upper
252 100
253 25.1 19.8 29.6
125 23.0 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 0.825 ng/ul
RT: 23.920 min Scan# 5015
Delta R.T. 0.006 min
Lab File: BN023384.D
Acq: 23 Dec 2022 22:41

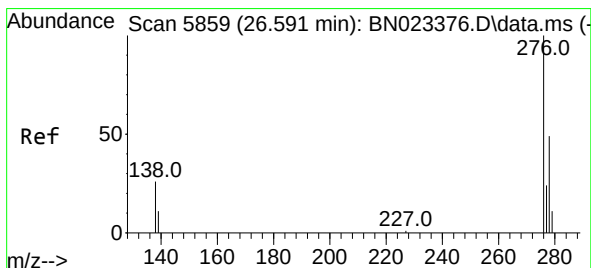
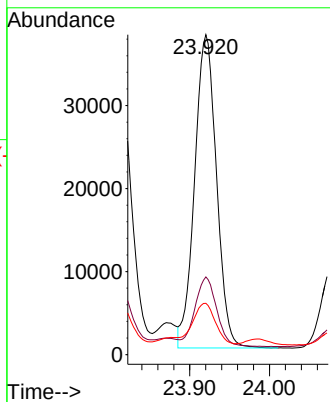
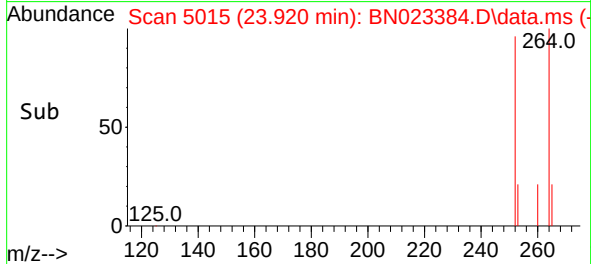
Instrument :
BNA_N
ClientSampleId :
DBXY3



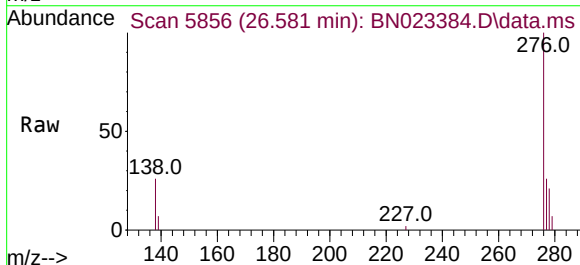
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Ion Ratio Lower Upper
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125 16.0 16.2 24.4

Manual Integrations
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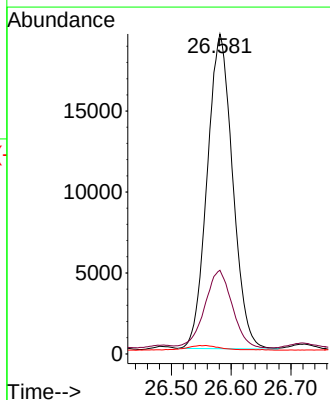
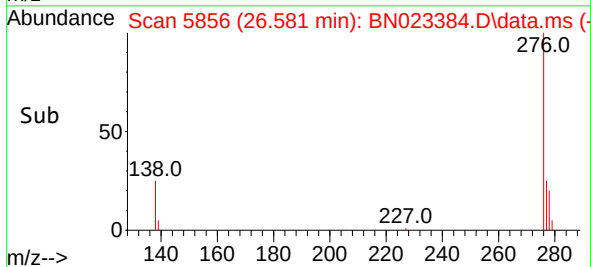
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

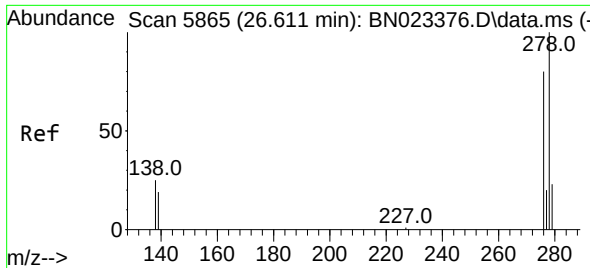


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.565 ng/ul
RT: 26.581 min Scan# 5856
Delta R.T. 0.003 min
Lab File: BN023384.D
Acq: 23 Dec 2022 22:41



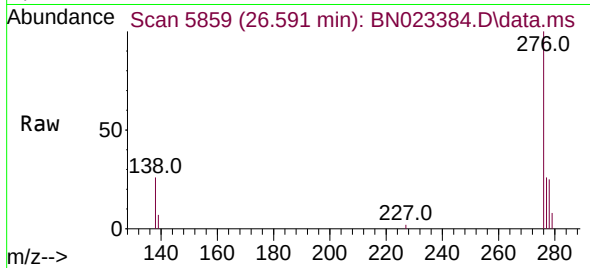
Tgt Ion:276 Resp: 57531
Ion Ratio Lower Upper
276 100
138 26.8 23.4 35.2
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.192 ng/ul
RT: 26.591 min Scan# 5865
Delta R.T. -0.010 min
Lab File: BN023384.D
Acq: 23 Dec 2022 22:41

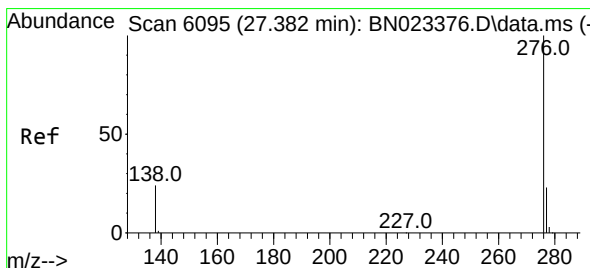
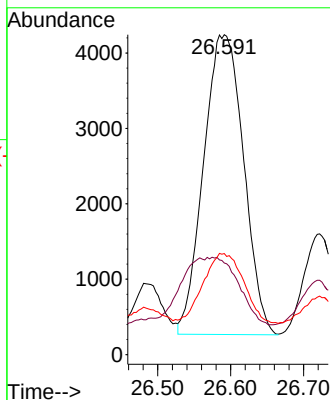
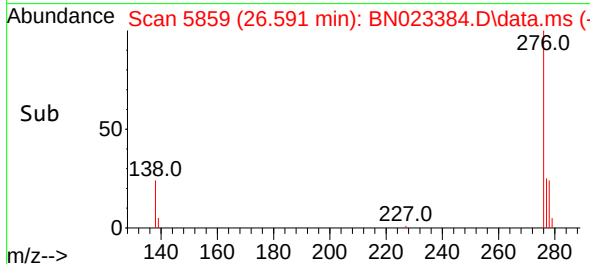
Instrument :
BNA_N
ClientSampleId :
DBXY3



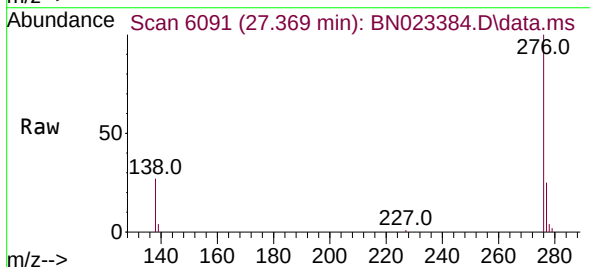
Tgt Ion:278 Resp: 1518
Ion Ratio Lower Upper
278 100
139 28.6 16.6 24.8
279 31.6 21.3 31.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#29
Benzo(g,h,i)perylene
Concen: 0.671 ng/ul
RT: 27.369 min Scan# 6091
Delta R.T. 0.000 min
Lab File: BN023384.D
Acq: 23 Dec 2022 22:41



Tgt Ion:276 Resp: 55654
Ion Ratio Lower Upper
276 100
138 27.2 20.3 30.5
277 24.5 19.7 29.5

