

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023400.D
 Acq On : 24 Dec 2022 08:52
 Operator : CG/JU
 Sample : N6015-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXU0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022

Quant Time: Dec 24 23:17:18 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	7.990	152	7145	0.400	ng/ul	0.00
4) Naphthalene-d8	10.804	136	23681	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.641	164	14081	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.386	188	33423	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.578	240	23587	0.400	ng/ul	0.00
23) Perylene-d12	24.028	264	18613	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	29530	3.804	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.394	152	9967	0.272	ng/ul	-0.01
18) Fluoranthene-d10	19.416	212	23447	0.275	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.854	128	4701	0.068	ng/ul#	94
7) 2-Methylnaphthalene	12.465	142	3854	0.087	ng/ul	100
8) 1-Methylnaphthalene	12.685	142	3157	0.069	ng/ul	100
10) Acenaphthylene	14.363	152	1470	0.024	ng/ul#	74
15) Phenanthrene	17.428	178	20649	0.190	ng/ul#	58
16) Anthracene	17.521	178	2444	0.027	ng/ul#	79
19) Fluoranthene	19.448	202	47482	0.415	ng/ul	95
20) Pyrene	19.811	202	37360m	0.324	ng/ul	
21) Benzo(a)anthracene	21.560	228	23939	0.261	ng/ul	97
22) Chrysene	21.616	228	28743	0.308	ng/ul	97
24) Benzo(b)fluoranthene	23.279	252	43428m	0.451	ng/ul	
25) Benzo(k)fluoranthene	23.323	252	14295m	0.158	ng/ul	
26) Benzo(a)pyrene	23.919	252	26138	0.343	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.580	276	21938	0.247	ng/ul#	77
28) Dibenzo(a,h)anthracene	26.590	278	5544	0.080	ng/ul#	55
29) Benzo(g,h,i)perylene	27.379	276	22453	0.310	ng/ul#	87

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

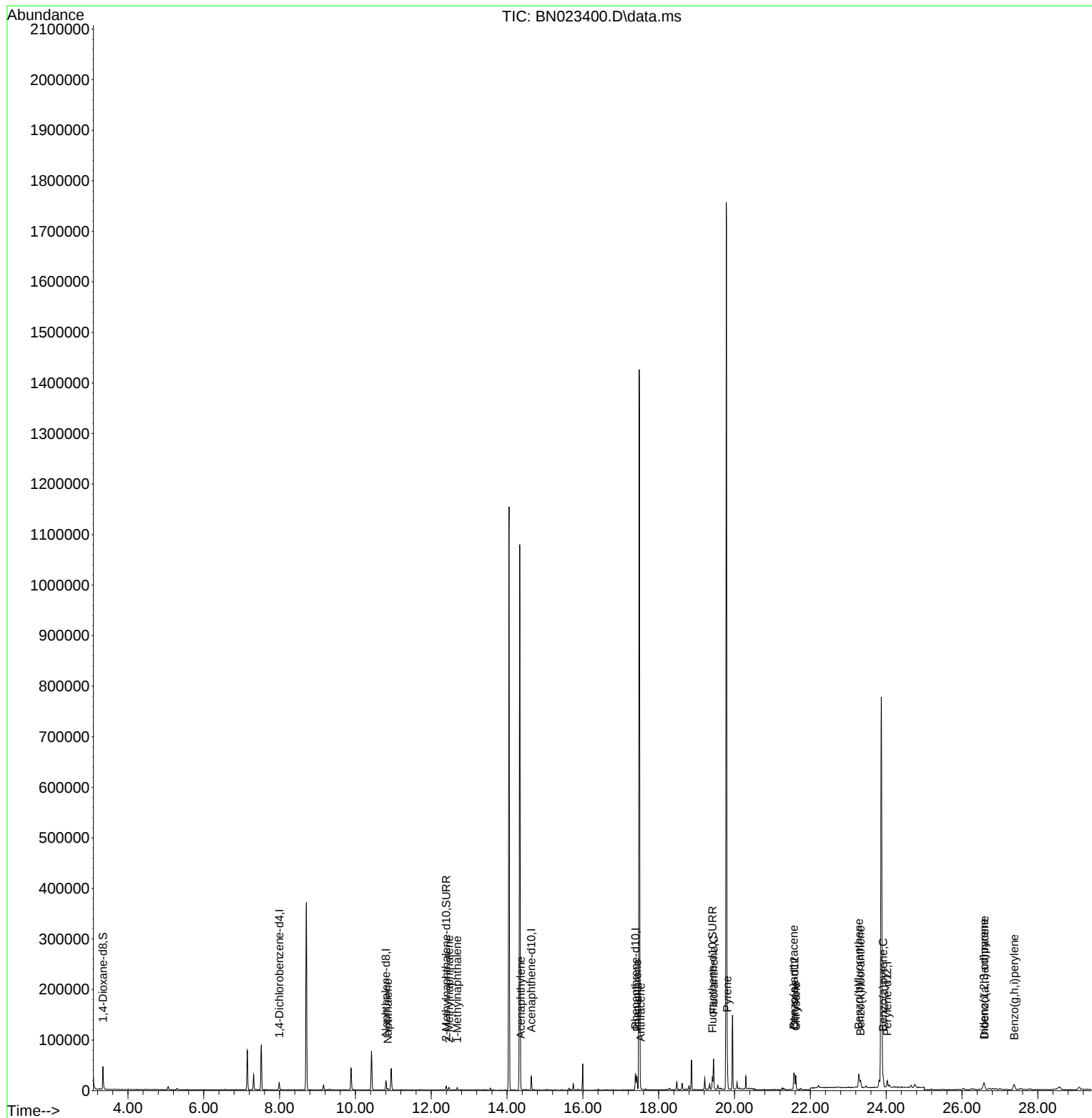
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023400.D
Acq On : 24 Dec 2022 08:52
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Sample : N6015-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

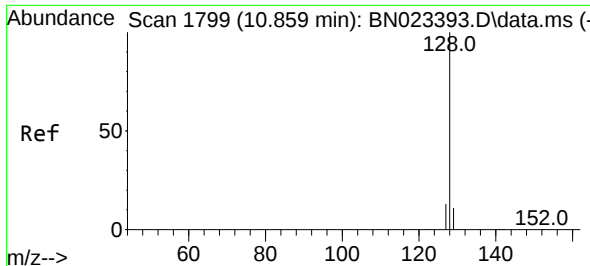
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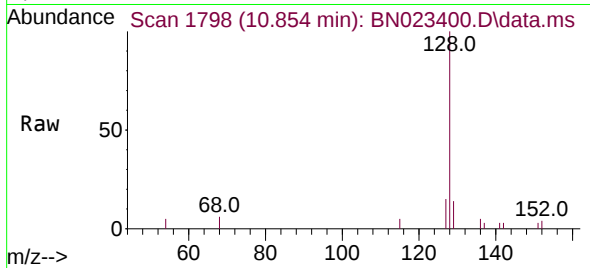
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.068 ng/ul
RT: 10.854 min Scan# 1799
Delta R.T. -0.011 min
Lab File: BN023400.D
Acq: 24 Dec 2022 08:52

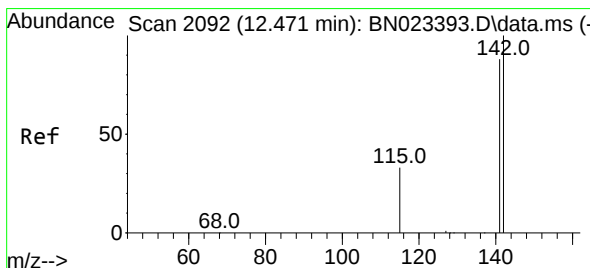
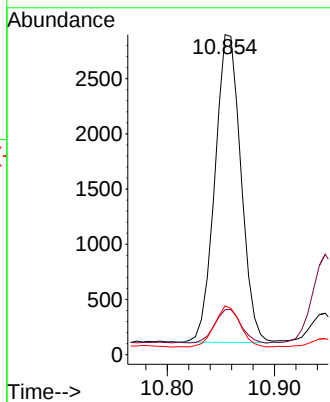
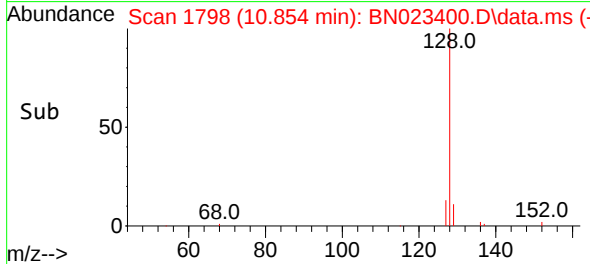
Instrument :
BNA_N
ClientSampleId :
DBXU0



Tgt Ion:128 Resp: 4701
Ion Ratio Lower Upper
128 100
129 14.0 9.0 13.4
127 15.2 10.7 16.1

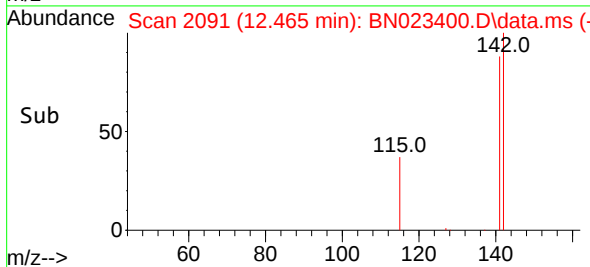
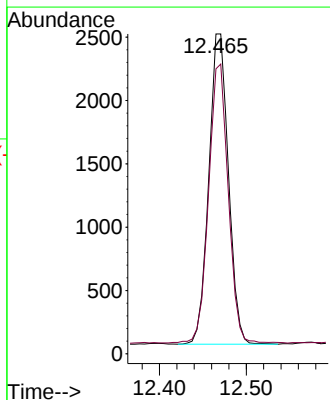
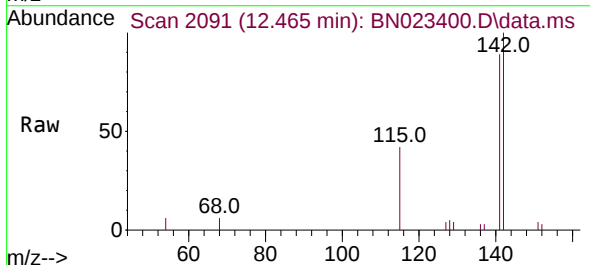
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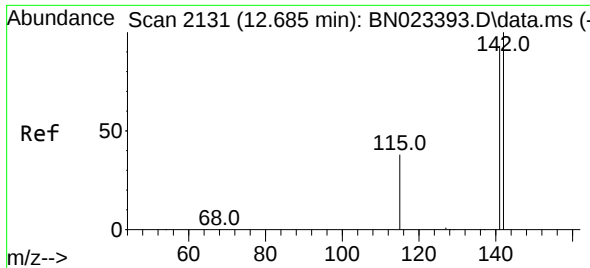
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#7
2-Methylnaphthalene
Concen: 0.087 ng/ul
RT: 12.465 min Scan# 2091
Delta R.T. -0.011 min
Lab File: BN023400.D
Acq: 24 Dec 2022 08:52

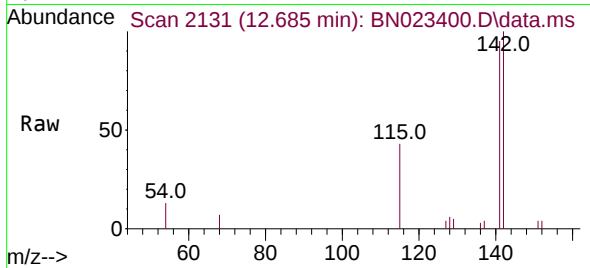
Tgt Ion:142 Resp: 3854
Ion Ratio Lower Upper
142 100
141 89.4 71.4 107.2





#8
1-Methylnaphthalene
Concen: 0.069 ng/ul
RT: 12.685 min Scan# 2131
Delta R.T. -0.011 min
Lab File: BN023400.D
Acq: 24 Dec 2022 08:52

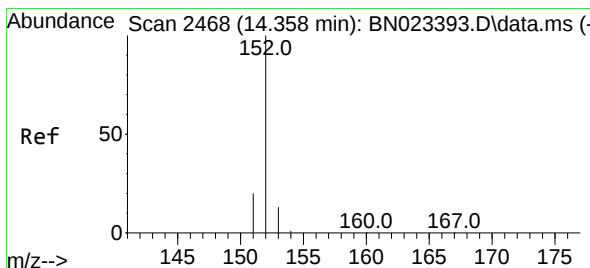
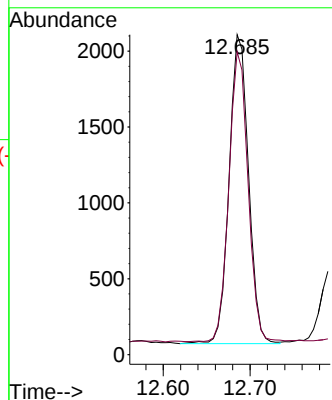
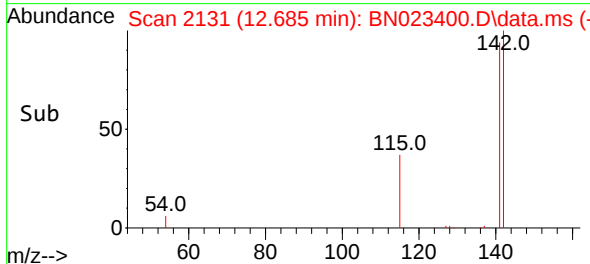
Instrument :
BNA_N
ClientSampleId :
DBXU0



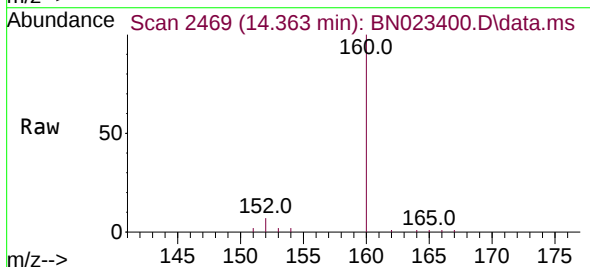
Tgt Ion:142 Resp: 3152
Ion Ratio Lower Upper
142 100
141 92.8 74.0 111.0

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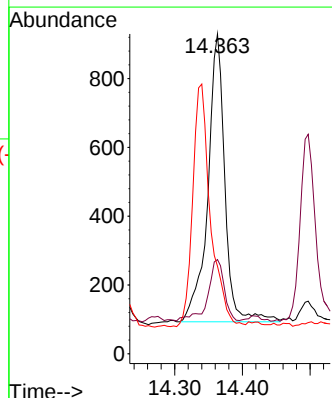
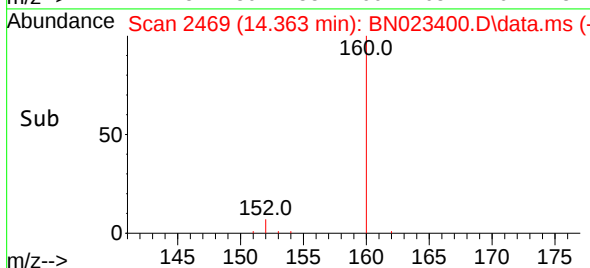
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

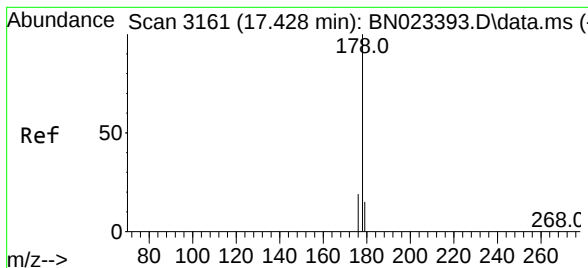


#10
Acenaphthylene
Concen: 0.024 ng/ul
RT: 14.363 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BN023400.D
Acq: 24 Dec 2022 08:52



Tgt Ion:152 Resp: 1470
Ion Ratio Lower Upper
152 100
151 29.5 16.1 24.1#
153 27.4 10.9 16.3#





#15

Phenanthrene

Concen: 0.190 ng/ul

RT: 17.428 min Scan# 3161

Delta R.T. -0.005 min

Lab File: BN023400.D

Acq: 24 Dec 2022 08:52

Instrument :

BNA_N

ClientSampleId :

DBXU0

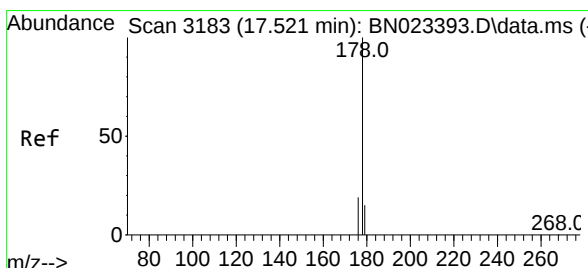
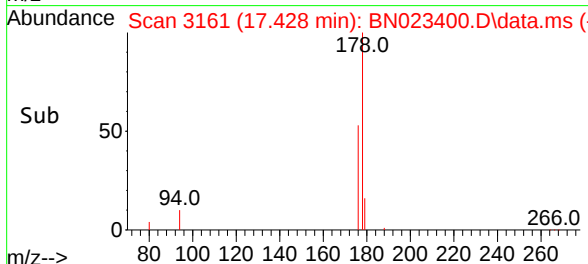
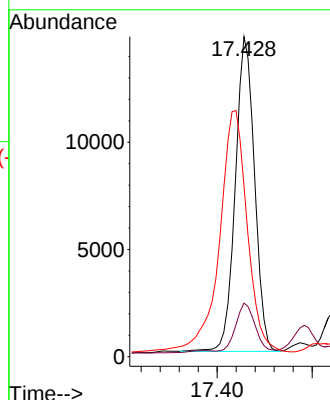
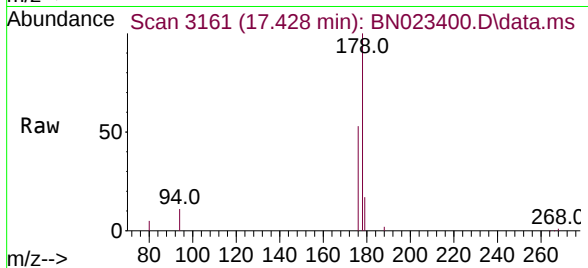
Tgt Ion:178 Resp: 20649

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.5	18.7
176	53.2	15.7	23.5

Manual Integrations

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#16

Anthracene

Concen: 0.027 ng/ul

RT: 17.521 min Scan# 3183

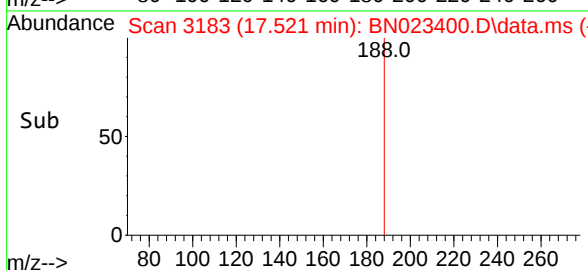
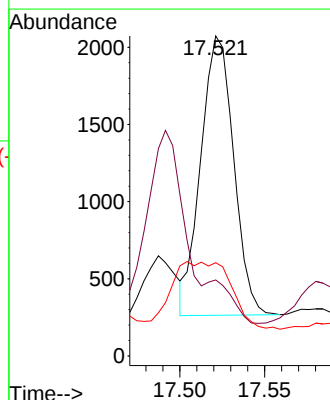
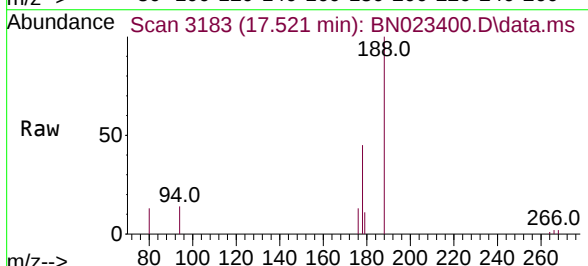
Delta R.T. -0.005 min

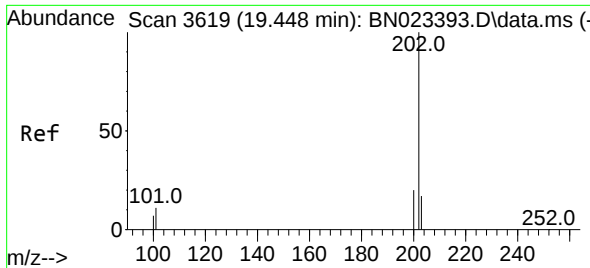
Lab File: BN023400.D

Acq: 24 Dec 2022 08:52

Tgt Ion:178 Resp: 2444

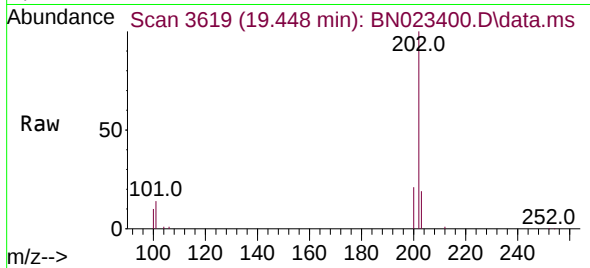
Ion	Ratio	Lower	Upper
178	100		
179	23.7	12.6	18.8#
176	29.1	15.4	23.0#





#19
Fluoranthene
Concen: 0.415 ng/ul
RT: 19.448 min Scan# 3619
Delta R.T. -0.001 min
Lab File: BN023400.D
Acq: 24 Dec 2022 08:52

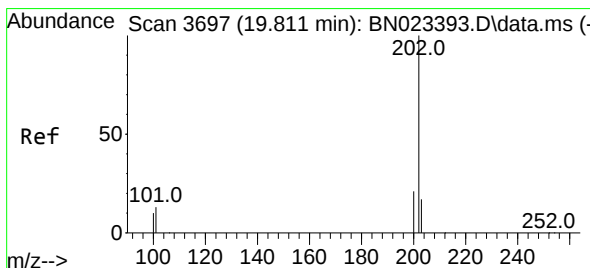
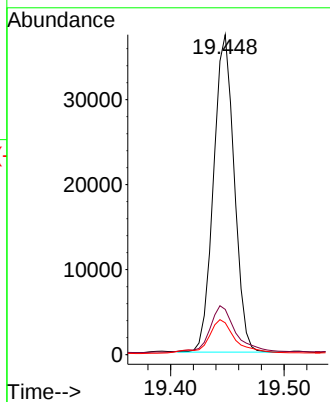
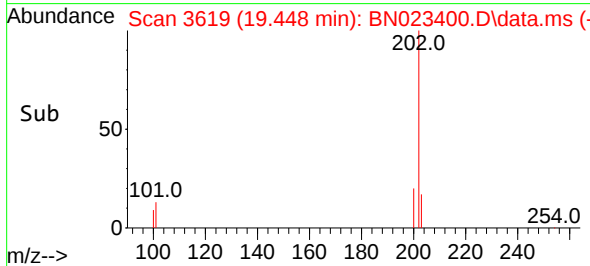
Instrument :
BNA_N
ClientSampleId :
DBXU0



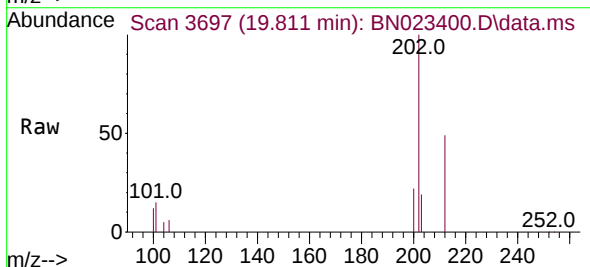
Tgt Ion:202 Resp: 47482
Ion Ratio Lower Upper
202 100
101 14.1 9.4 14.2
100 9.9 7.0 10.6

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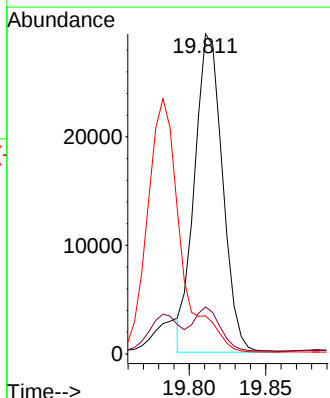
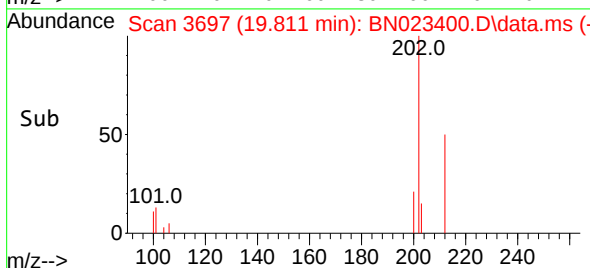
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

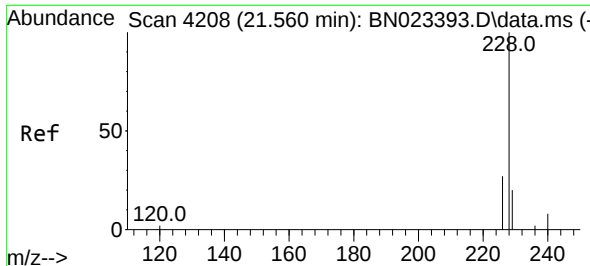


#20
Pyrene
Concen: 0.324 ng/ul m
RT: 19.811 min Scan# 3697
Delta R.T. -0.001 min
Lab File: BN023400.D
Acq: 24 Dec 2022 08:52



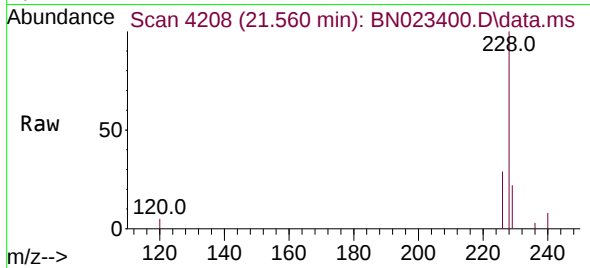
Tgt Ion:202 Resp: 37360
Ion Ratio Lower Upper
202 100
101 14.7 11.3 16.9
100 11.9 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.261 ng/u1
RT: 21.560 min Scan# 4208
Delta R.T. -0.001 min
Lab File: BN023400.D
Acq: 24 Dec 2022 08:52

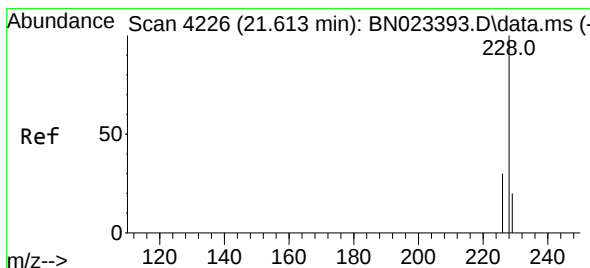
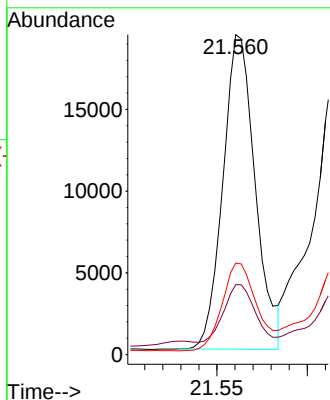
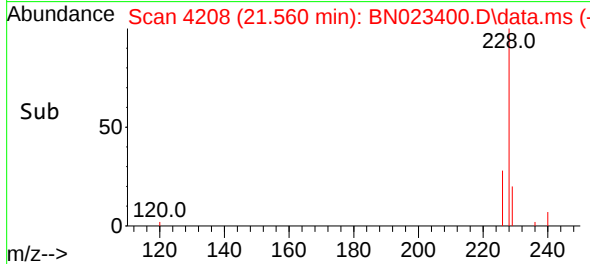
Instrument :
BNA_N
ClientSampleId :
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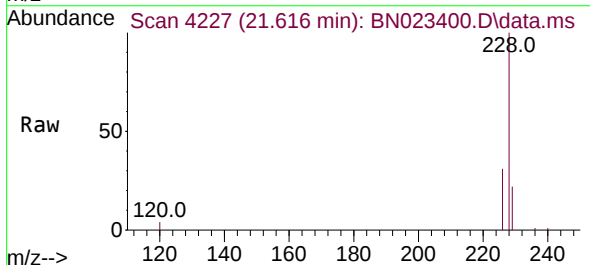
Tgt Ion:228 Resp: 23939
Ion Ratio Lower Upper
228 100
229 21.9 15.6 23.4
226 28.6 22.2 33.2

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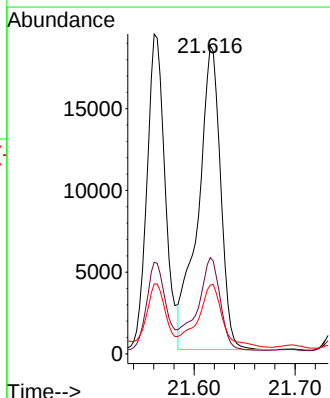
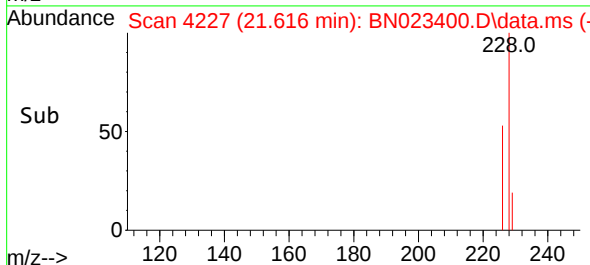
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

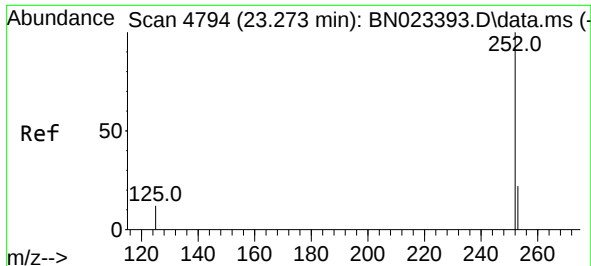


#22
Chrysene
Concen: 0.308 ng/u1
RT: 21.616 min Scan# 4227
Delta R.T. -0.001 min
Lab File: BN023400.D
Acq: 24 Dec 2022 08:52



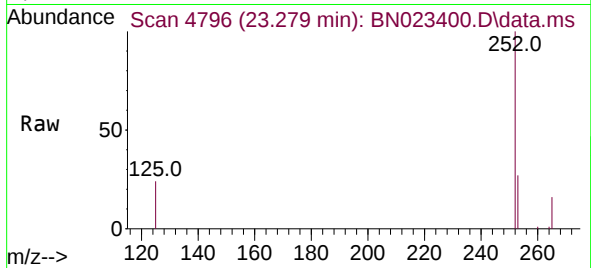
Tgt Ion:228 Resp: 28743
Ion Ratio Lower Upper
228 100
226 31.2 24.3 36.5
229 22.3 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.451 ng/ul m
RT: 23.279 min Scan# 4794
Delta R.T. 0.005 min
Lab File: BN023400.D
Acq: 24 Dec 2022 08:52

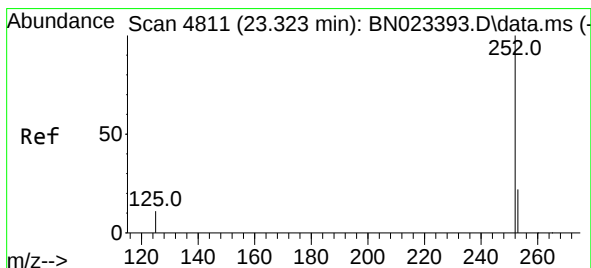
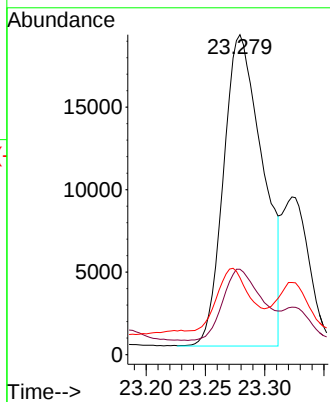
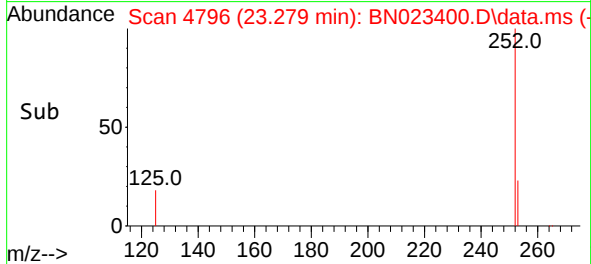
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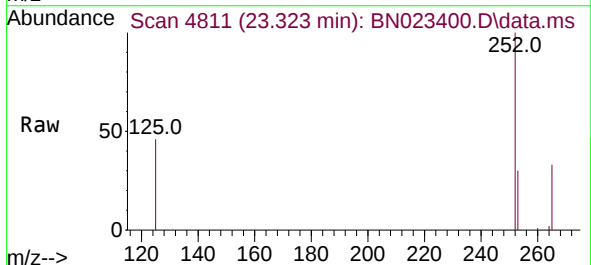
Tgt Ion:252 Resp: 43428
Ion Ratio Lower Upper
252 100
253 26.7 0.0 49.2
125 24.0 0.0 31.8

Manual Integrations
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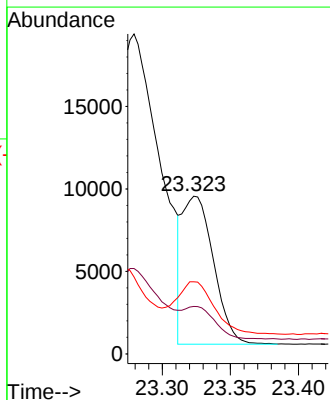
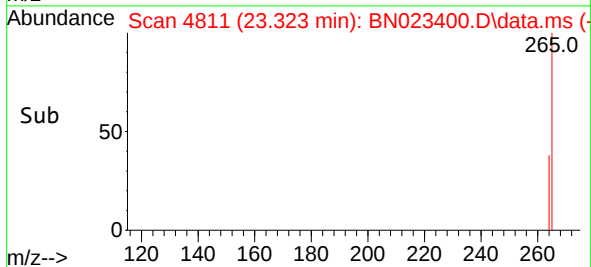
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

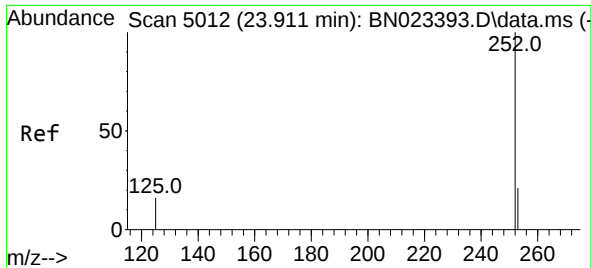


#25
Benzo(k)fluoranthene
Concen: 0.158 ng/ul m
RT: 23.323 min Scan# 4811
Delta R.T. -0.001 min
Lab File: BN023400.D
Acq: 24 Dec 2022 08:52



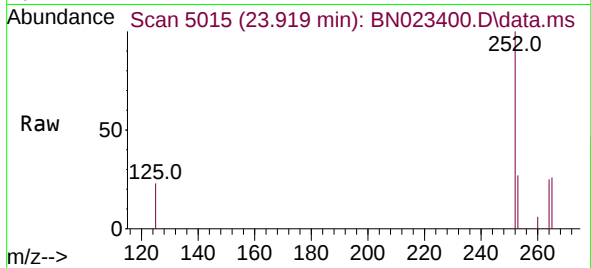
Tgt Ion:252 Resp: 14295
Ion Ratio Lower Upper
252 100
253 30.1 19.8 29.6#
125 45.7 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 0.343 ng/ul
RT: 23.919 min Scan# 5015
Delta R.T. 0.005 min
Lab File: BN023400.D
Acq: 24 Dec 2022 08:52

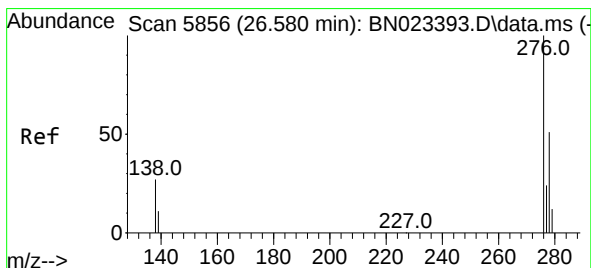
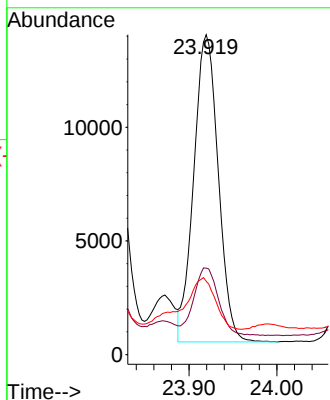
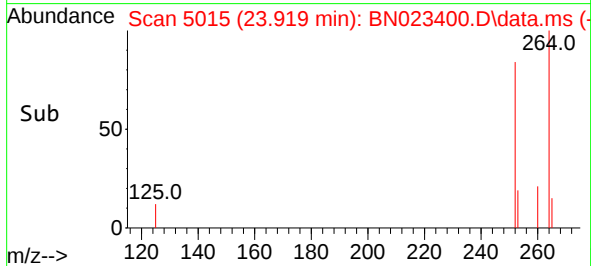
Instrument :
BNA_N
ClientSampleId :
DBXU0



Tgt Ion:252 Resp: 26138
Ion Ratio Lower Upper
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125 22.9 16.2 24.4

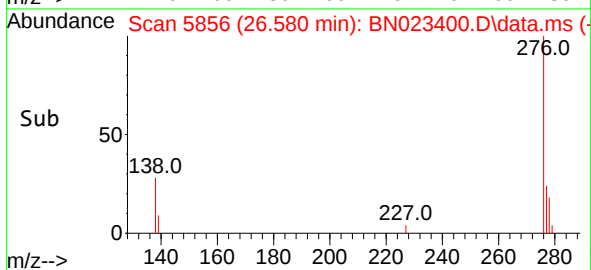
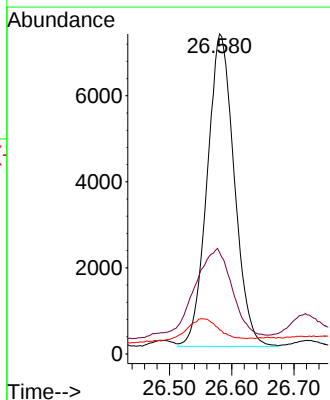
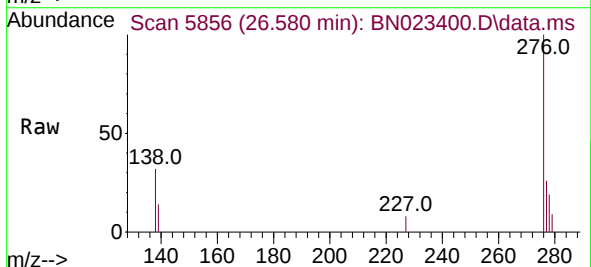
Manual Integrations
APPROVED

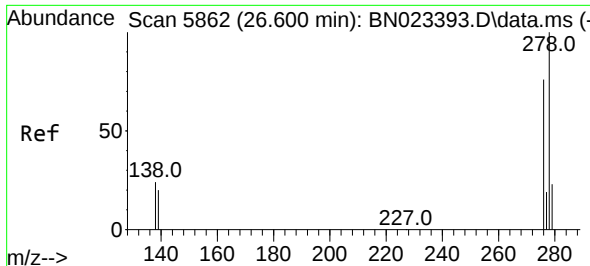
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.247 ng/ul
RT: 26.580 min Scan# 5856
Delta R.T. 0.003 min
Lab File: BN023400.D
Acq: 24 Dec 2022 08:52

Tgt Ion:276 Resp: 21938
Ion Ratio Lower Upper
276 100
138 41.5 23.4 35.2#
227 0.0 0.0 0.0





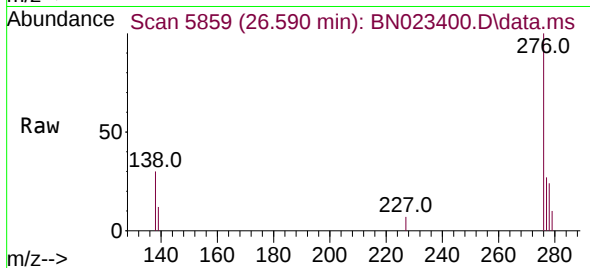
#28
Dibenzo(a,h)anthracene
Concen: 0.080 ng/ul
RT: 26.590 min Scan# 5862
Delta R.T. -0.011 min
Lab File: BN023400.D
Acq: 24 Dec 2022 08:52

Instrument :

BNA_N

ClientSampleId :

DBXU0

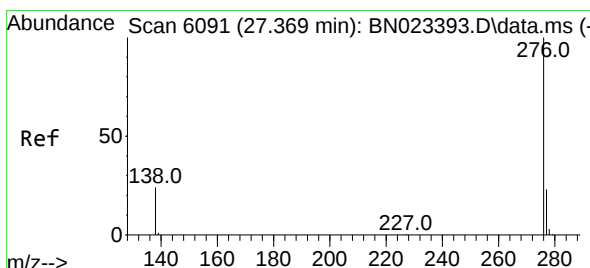
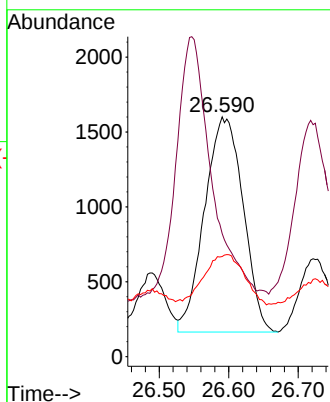
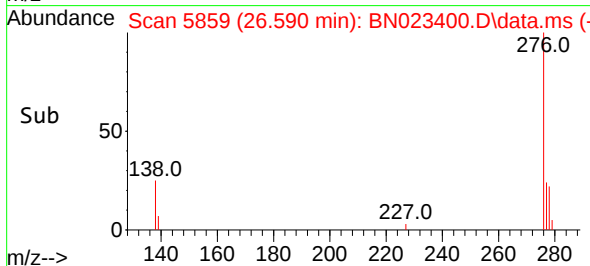


Tgt Ion:278 Resp: 5544
Ion Ratio Lower Upper
278 100
139 51.3 16.6 24.8#
279 41.7 21.3 31.9#

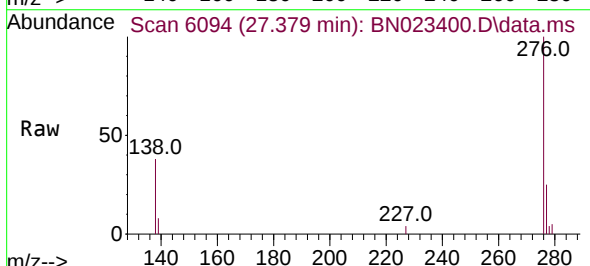
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#29
Benzo(g,h,i)perylene
Concen: 0.310 ng/ul
RT: 27.379 min Scan# 6094
Delta R.T. 0.009 min
Lab File: BN023400.D
Acq: 24 Dec 2022 08:52



Tgt Ion:276 Resp: 22453
Ion Ratio Lower Upper
276 100
138 38.0 20.3 30.5#
277 25.2 19.7 29.5

