

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023380.D
 Acq On : 23 Dec 2022 20:16
 Operator : CG/JU
 Sample : N6008-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYB3

Manual Integrations
 APPROVED

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

Quant Time: Dec 23 22:44:58 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	6394	0.400	ng/ul	0.00
4) Naphthalene-d8	10.808	136	21145	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.644	164	12507	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.389	188	30108	0.400	ng/ul	0.00
17) Chrysene-d12	21.578	240	23009	0.400	ng/ul	0.00
23) Perylene-d12	24.028	264	18205	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	34711	4.996	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.398	152	9544	0.292	ng/ul	0.00
18) Fluoranthene-d10	19.419	212	25160	0.302	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.858	128	1920	0.031	ng/ul#	88
7) 2-Methylnaphthalene	12.469	142	1152	0.029	ng/ul	99
8) 1-Methylnaphthalene	12.689	142	1022	0.025	ng/ul	98
10) Acenaphthylene	14.362	152	2084	0.038	ng/ul#	85
15) Phenanthrene	17.431	178	19507	0.199	ng/ul	98
16) Anthracene	17.524	178	3583	0.044	ng/ul#	90
19) Fluoranthene	19.447	202	51741	0.464	ng/ul	98
20) Pyrene	19.814	202	40357m	0.359	ng/ul	
21) Benzo(a)anthracene	21.561	228	24169	0.270	ng/ul	97
22) Chrysene	21.616	228	28402	0.312	ng/ul	98
24) Benzo(b)fluoranthene	23.276	252	39434m	0.419	ng/ul	
25) Benzo(k)fluoranthene	23.320	252	13998m	0.158	ng/ul	
26) Benzo(a)pyrene	23.920	252	21649	0.290	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.584	276	16411	0.189	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.594	278	4123	0.061	ng/ul#	54
29) Benzo(g,h,i)perylene	27.376	276	15710	0.221	ng/ul#	90

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

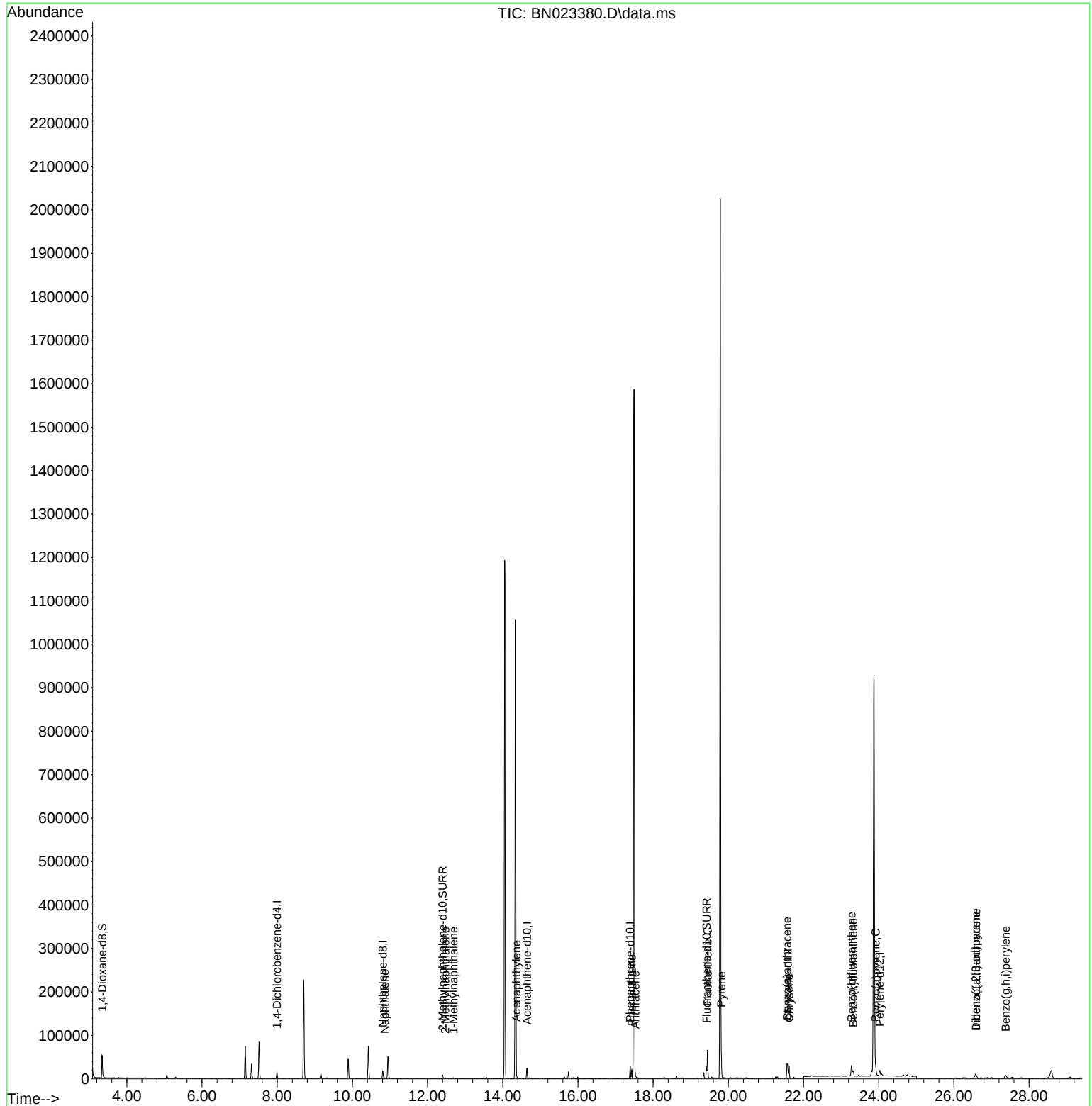
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023380.D
Acq On : 23 Dec 2022 20:16
Operator : CG/JU
Sample : N6008-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

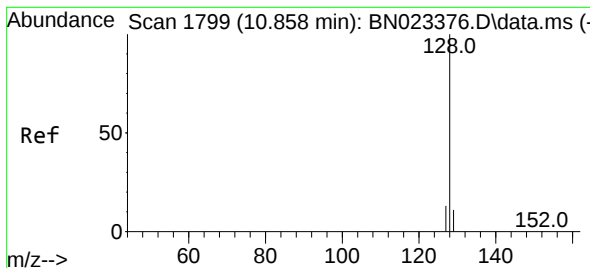
Instrument :
BNA_N
ClientSampleId :
DBYB3

Manual Integrations
APPROVED

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

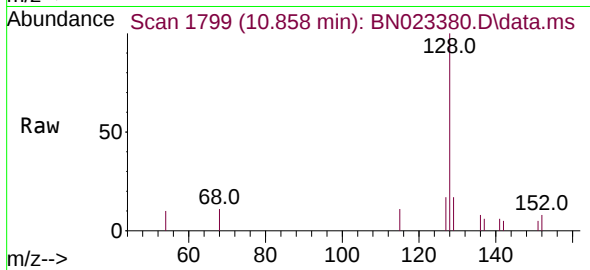
Quant Time: Dec 23 22:44:58 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.031 ng/ul
RT: 10.858 min Scan# 1799
Delta R.T. -0.007 min
Lab File: BN023380.D
Acq: 23 Dec 2022 20:16

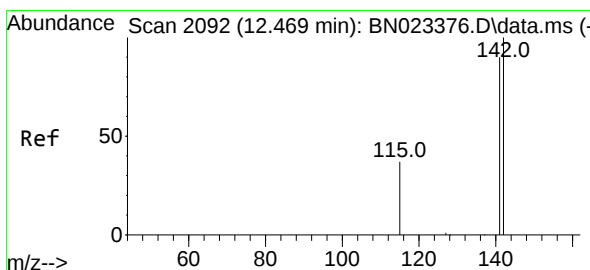
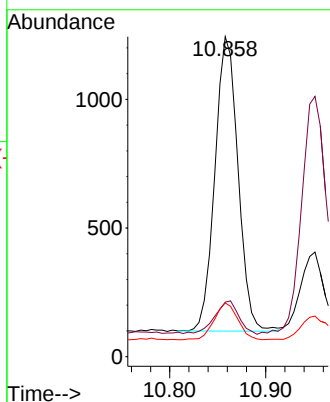
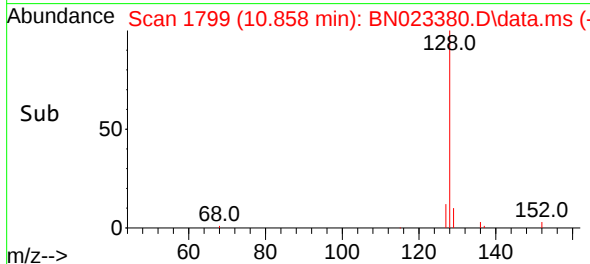
Instrument :
BNA_N
ClientSampleId :
DBYB3



Tgt Ion:128 Resp: 1920
Ion Ratio Lower Upper
128 100
129 17.0 9.0 13.4
127 16.8 10.7 16.1

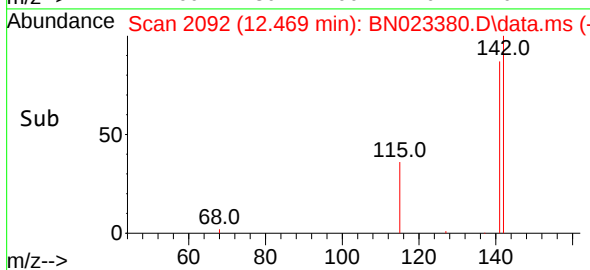
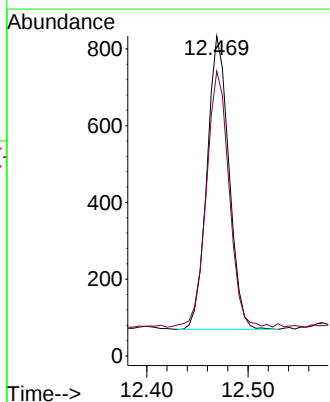
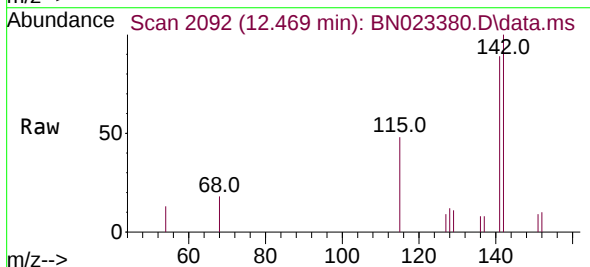
Manual Integrations
APPROVED

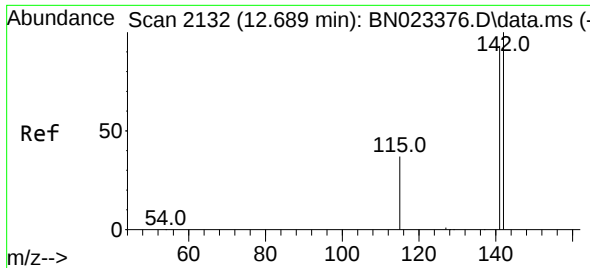
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#7
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.469 min Scan# 2092
Delta R.T. -0.007 min
Lab File: BN023380.D
Acq: 23 Dec 2022 20:16

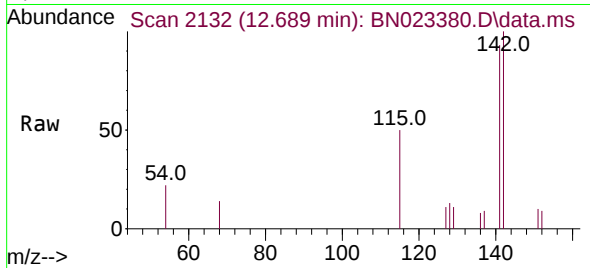
Tgt Ion:142 Resp: 1152
Ion Ratio Lower Upper
142 100
141 90.0 71.4 107.2





#8
1-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.689 min Scan# 2132
Delta R.T. -0.007 min
Lab File: BN023380.D
Acq: 23 Dec 2022 20:16

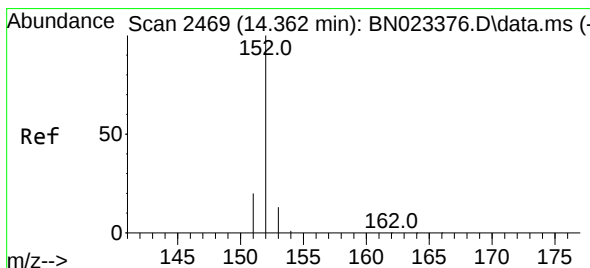
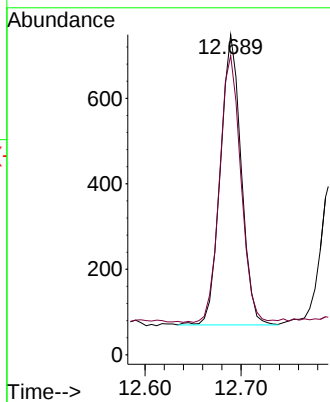
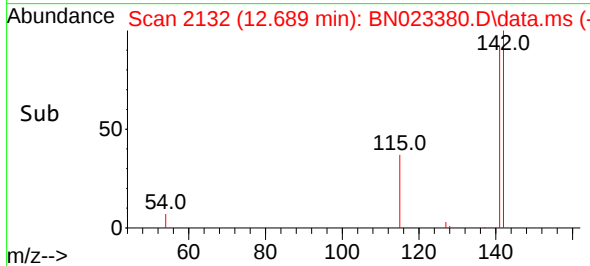
Instrument :
BNA_N
ClientSampleId :
DBYB3



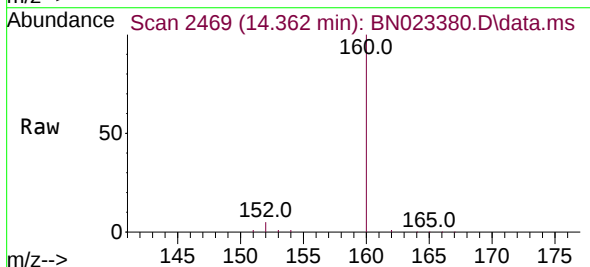
Tgt Ion:142 Resp: 1022
Ion Ratio Lower Upper
142 100
141 94.1 74.0 111.0

Manual Integrations
APPROVED

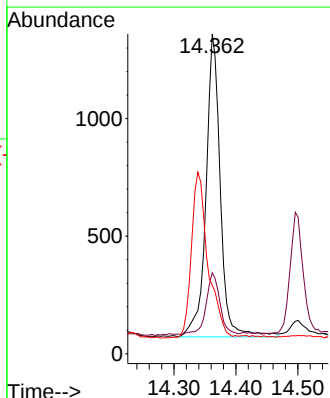
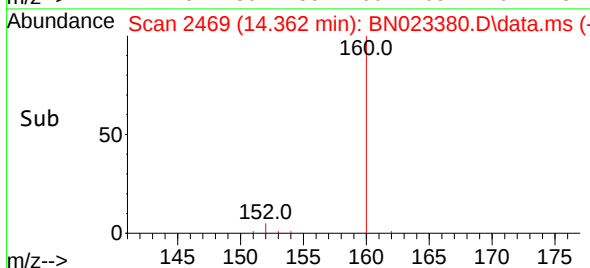
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

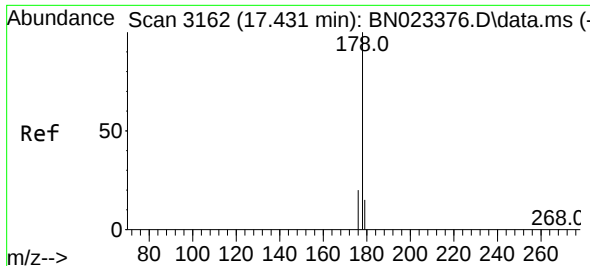


#10
Acenaphthylene
Concen: 0.038 ng/ul
RT: 14.362 min Scan# 2469
Delta R.T. -0.007 min
Lab File: BN023380.D
Acq: 23 Dec 2022 20:16



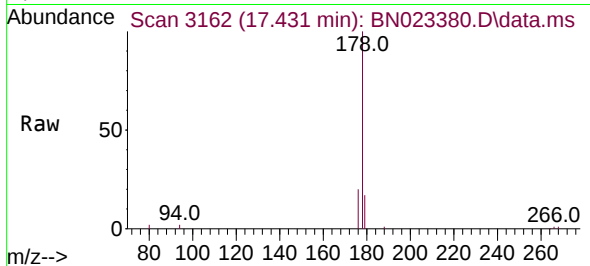
Tgt Ion:152 Resp: 2084
Ion Ratio Lower Upper
152 100
151 25.3 16.1 24.1#
153 21.4 10.9 16.3#





#15
Phenanthrene
Concen: 0.199 ng/ul
RT: 17.431 min Scan# 3162
Delta R.T. -0.002 min
Lab File: BN023380.D
Acq: 23 Dec 2022 20:16

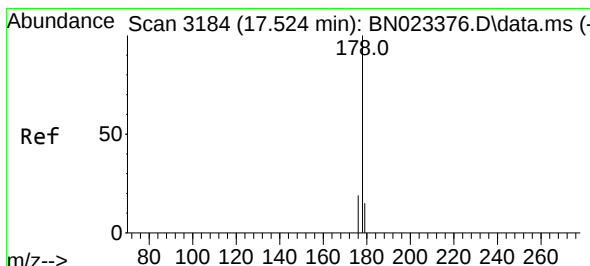
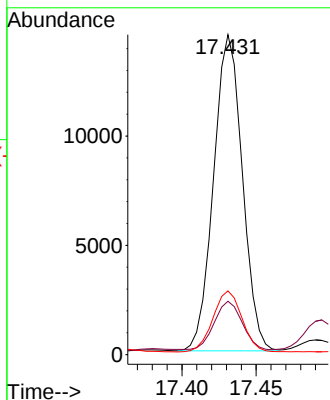
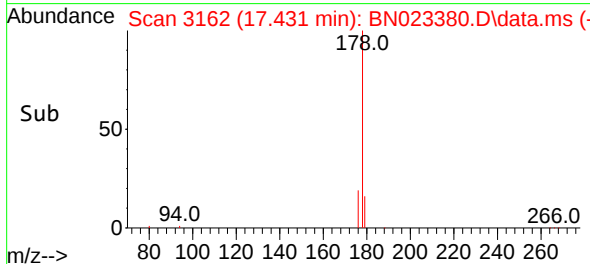
Instrument :
BNA_N
ClientSampleId :
DBYB3



Tgt Ion:178 Resp: 19507
Ion Ratio Lower Upper
178 100
179 16.7 12.5 18.7
176 19.9 15.7 23.5

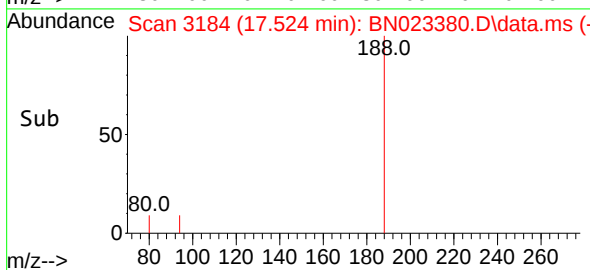
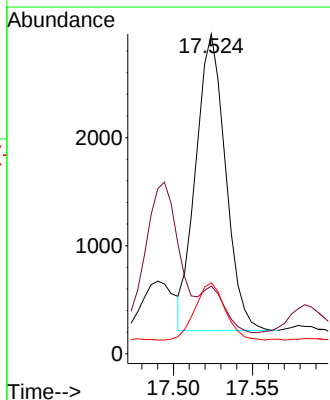
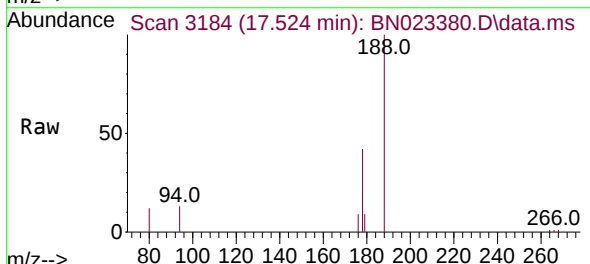
Manual Integrations
APPROVED

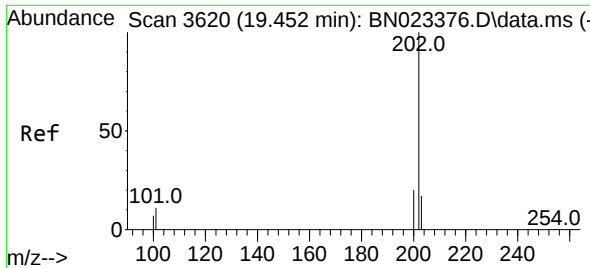
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#16
Anthracene
Concen: 0.044 ng/ul
RT: 17.524 min Scan# 3184
Delta R.T. -0.002 min
Lab File: BN023380.D
Acq: 23 Dec 2022 20:16

Tgt Ion:178 Resp: 3583
Ion Ratio Lower Upper
178 100
179 21.2 12.6 18.8#
176 22.2 15.4 23.0





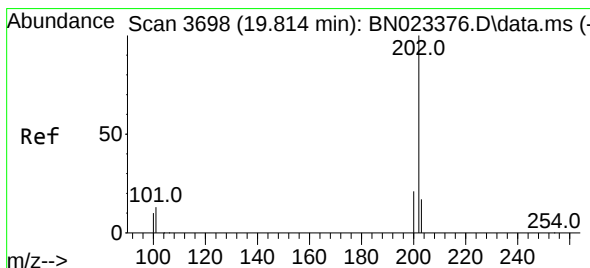
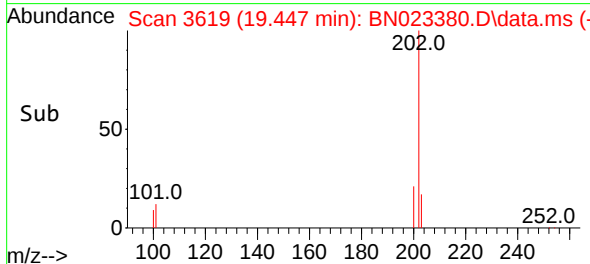
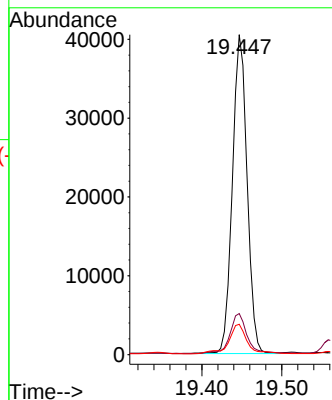
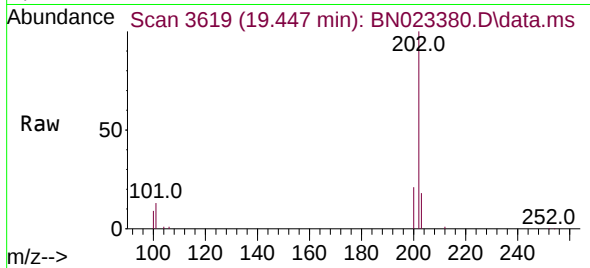
#19
Fluoranthene
Concen: 0.464 ng/ul
RT: 19.447 min Scan# 3619
Delta R.T. -0.002 min
Lab File: BN023380.D
Acq: 23 Dec 2022 20:16

Instrument :
BNA_N
ClientSampleId :
DBYB3

Tgt Ion:202 Resp: 5174
Ion Ratio Lower Upper
202 100
101 12.8 9.4 14.2
100 9.5 7.0 10.6

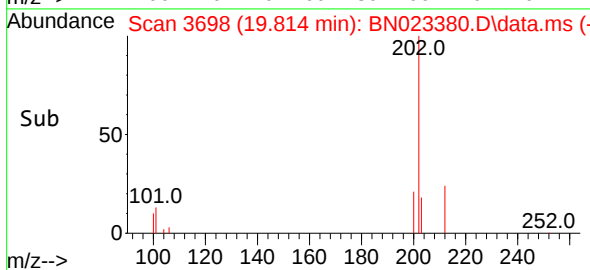
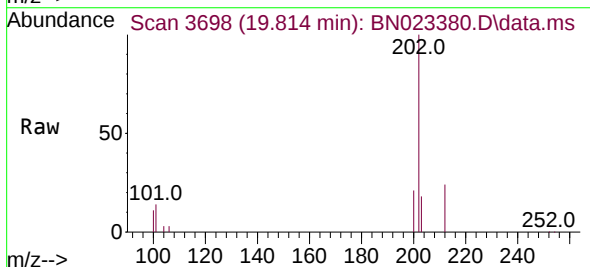
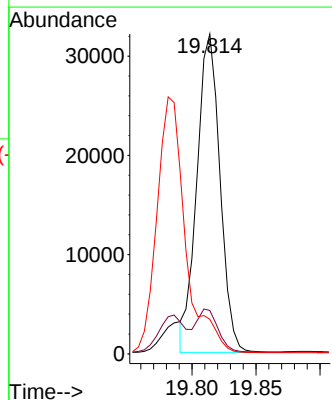
Manual Integrations
APPROVED

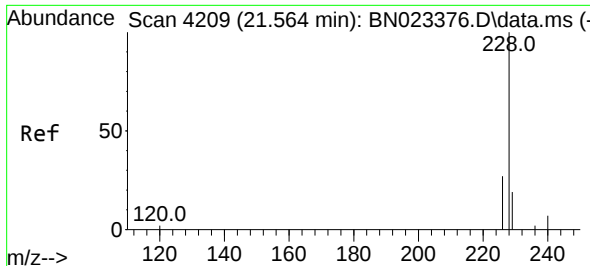
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#20
Pyrene
Concen: 0.359 ng/ul m
RT: 19.814 min Scan# 3698
Delta R.T. 0.003 min
Lab File: BN023380.D
Acq: 23 Dec 2022 20:16

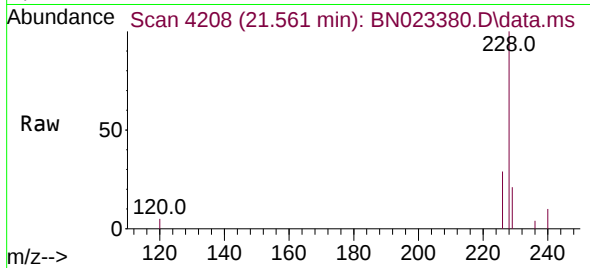
Tgt Ion:202 Resp: 40357
Ion Ratio Lower Upper
202 100
101 13.6 11.3 16.9
100 10.8 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.270 ng/u1
RT: 21.561 min Scan# 4209
Delta R.T. -0.000 min
Lab File: BN023380.D
Acq: 23 Dec 2022 20:16

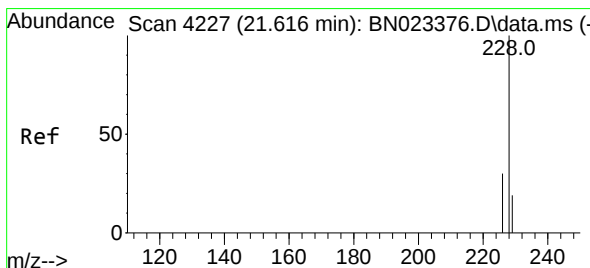
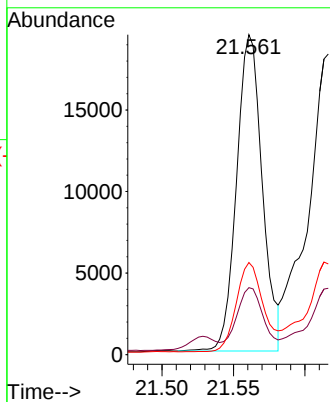
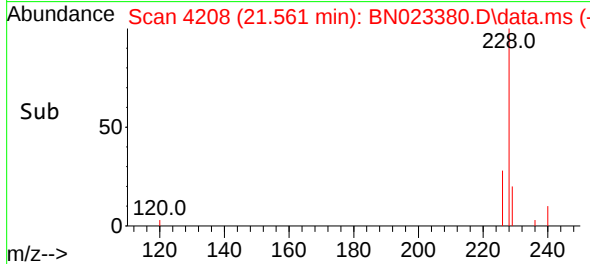
Instrument :
BNA_N
ClientSampleId :
DBYB3



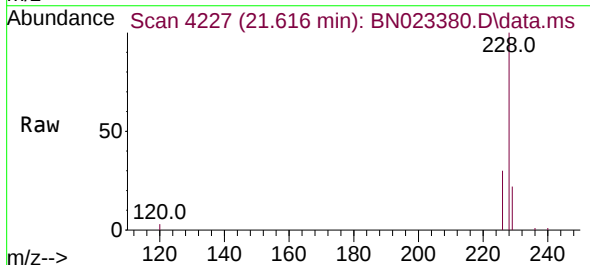
Tgt Ion:228 Resp: 24169
Ion Ratio Lower Upper
228 100
229 20.9 15.6 23.4
226 28.8 22.2 33.2

Manual Integrations
APPROVED

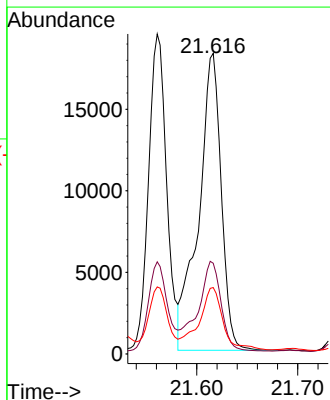
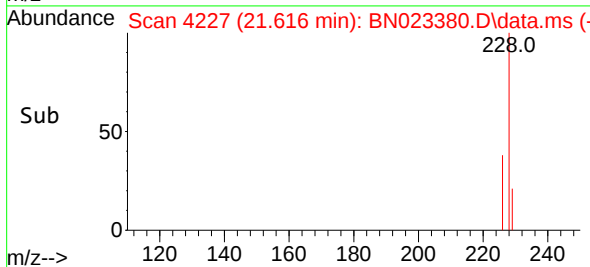
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

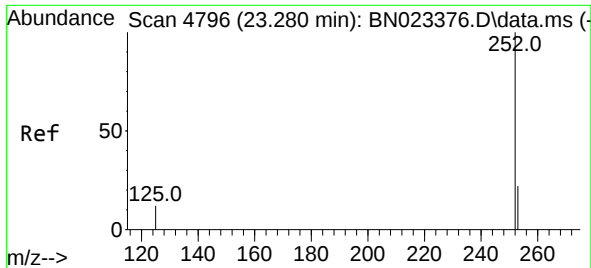


#22
Chrysene
Concen: 0.312 ng/u1
RT: 21.616 min Scan# 4227
Delta R.T. -0.000 min
Lab File: BN023380.D
Acq: 23 Dec 2022 20:16



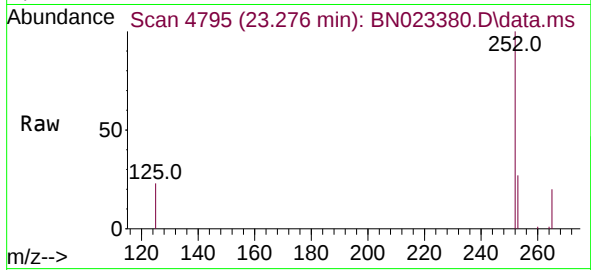
Tgt Ion:228 Resp: 28402
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 22.1 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.419 ng/ul m
RT: 23.276 min Scan# 4795
Delta R.T. 0.003 min
Lab File: BN023380.D
Acq: 23 Dec 2022 20:16

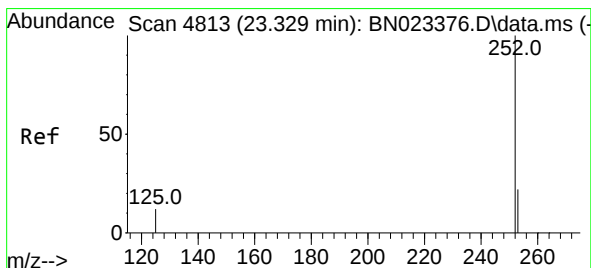
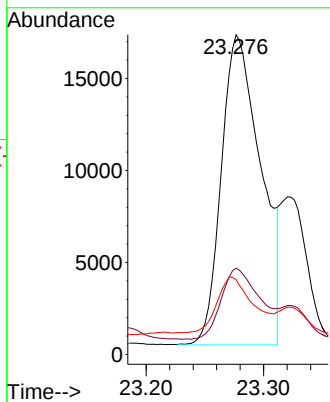
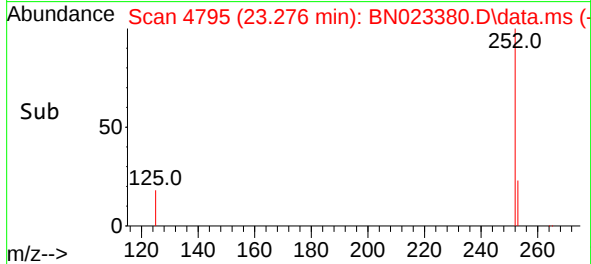
Instrument :
BNA_N
ClientSampleId :
DBYB3



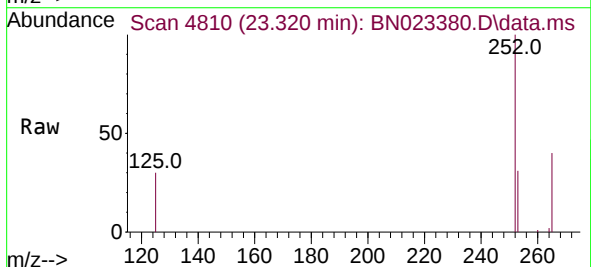
Tgt Ion:252 Resp: 39434
Ion Ratio Lower Upper
252 100
253 27.0 0.0 49.2
125 23.4 0.0 31.8

Manual Integrations
APPROVED

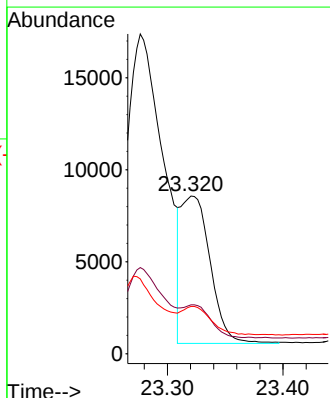
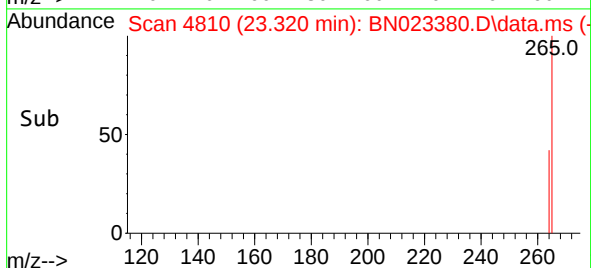
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

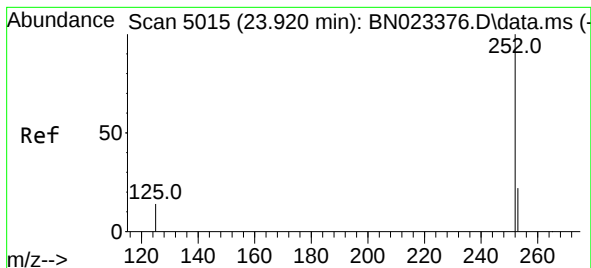


#25
Benzo(k)fluoranthene
Concen: 0.158 ng/ul m
RT: 23.320 min Scan# 4810
Delta R.T. -0.003 min
Lab File: BN023380.D
Acq: 23 Dec 2022 20:16



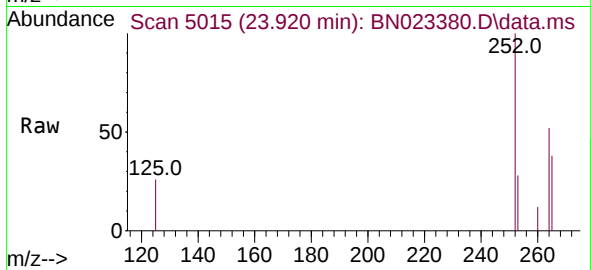
Tgt Ion:252 Resp: 13998
Ion Ratio Lower Upper
252 100
253 31.0 19.8 29.6#
125 30.0 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 0.290 ng/ul
RT: 23.920 min Scan# 5015
Delta R.T. 0.005 min
Lab File: BN023380.D
Acq: 23 Dec 2022 20:16

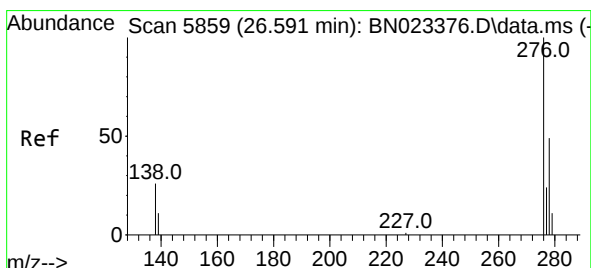
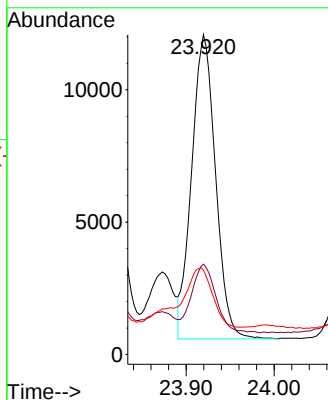
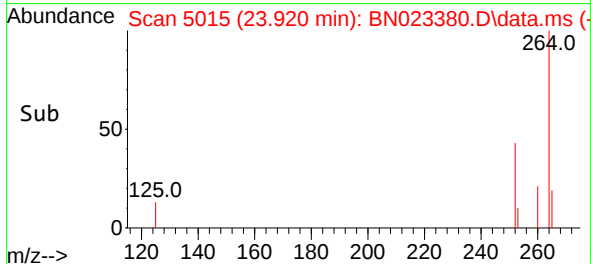
Instrument :
BNA_N
ClientSampleId :
DBYB3



Tgt Ion:252 Resp: 21649
Ion Ratio Lower Upper
252 100
253 28.3 21.4 32.2
125 26.4 16.2 24.4

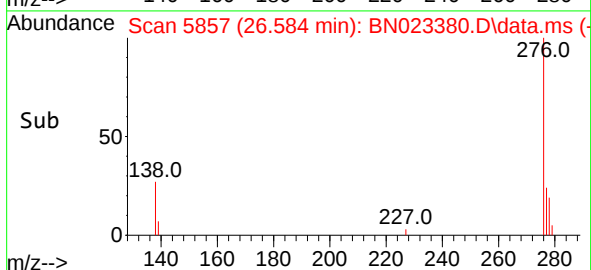
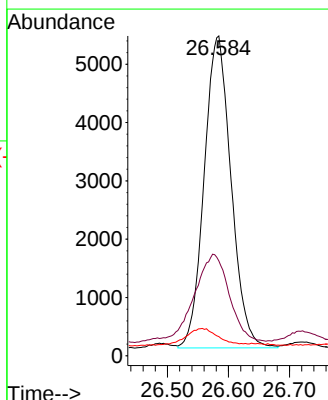
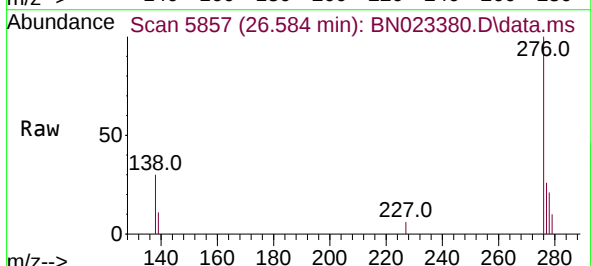
Manual Integrations
APPROVED

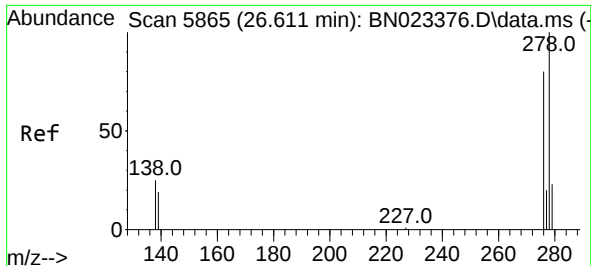
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.189 ng/ul
RT: 26.584 min Scan# 5857
Delta R.T. 0.006 min
Lab File: BN023380.D
Acq: 23 Dec 2022 20:16

Tgt Ion:276 Resp: 16411
Ion Ratio Lower Upper
276 100
138 35.6 23.4 35.2
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.061 ng/ul

RT: 26.594 min Scan# 5865

Delta R.T. -0.007 min

Lab File: BN023380.D

Acq: 23 Dec 2022 20:16

Instrument :

BNA_N

ClientSampleId :

DBYB3

Tgt Ion:278 Resp: 4123

Ion Ratio Lower Upper

278 100

139 45.7 16.6 24.8

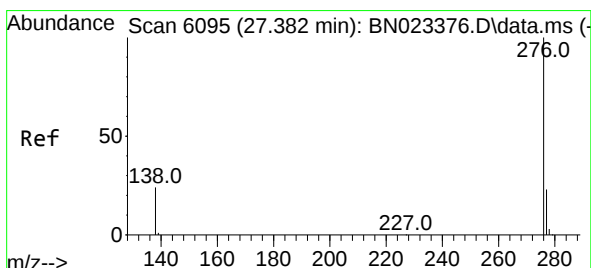
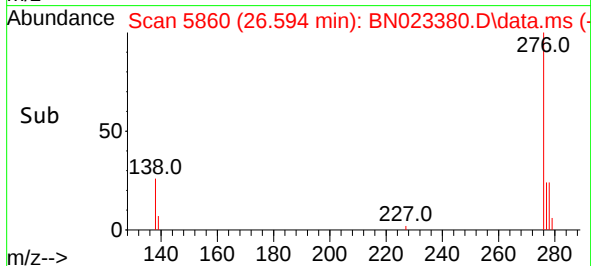
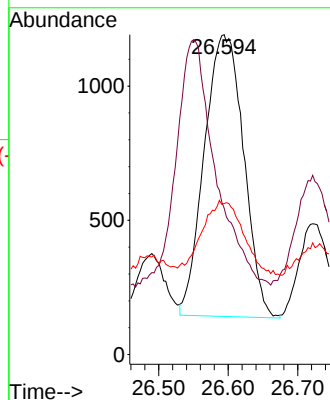
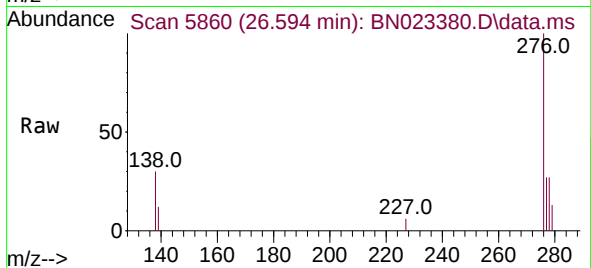
279 47.2 21.3 31.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/24/2022

Supervised By :Yogesh Patel 12/24/2022



#29

Benzo(g,h,i)perylene

Concen: 0.221 ng/ul

RT: 27.376 min Scan# 6093

Delta R.T. 0.006 min

Lab File: BN023380.D

Acq: 23 Dec 2022 20:16

Tgt Ion:276 Resp: 15710

Ion Ratio Lower Upper

276 100

138 33.5 20.3 30.5

277 26.0 19.7 29.5

