

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023416.D
 Acq On : 24 Dec 2022 18:27
 Operator : CG/JU
 Sample : N6018-04
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYH6

Manual Integrations
 APPROVED

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

Quant Time: Dec 25 04:19:16 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	7.989	152	5829	0.400	ng/ul	0.00
4) Naphthalene-d8	10.810	136	19465	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.640	164	11500	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.386	188	26800	0.400	ng/ul	0.00
17) Chrysene-d12	21.578	240	17621	0.400	ng/ul	# 0.00
23) Perylene-d12	24.027	264	13746	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	23269	3.674	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.393	152	7681	0.255	ng/ul	-0.01
18) Fluoranthene-d10	19.415	212	17689	0.278	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.859	128	2230	0.039	ng/ul#	87
7) 2-Methylnaphthalene	12.470	142	1681	0.046	ng/ul	99
8) 1-Methylnaphthalene	12.685	142	1299	0.035	ng/ul	100
10) Acenaphthylene	14.363	152	2014	0.040	ng/ul#	85
15) Phenanthrene	17.428	178	11743	0.135	ng/ul	96
16) Anthracene	17.521	178	2205	0.030	ng/ul#	84
19) Fluoranthene	19.448	202	34632	0.405	ng/ul#	73
20) Pyrene	19.810	202	26673m	0.310	ng/ul	
21) Benzo(a)anthracene	21.560	228	17556	0.256	ng/ul	96
22) Chrysene	21.616	228	21060	0.302	ng/ul	97
24) Benzo(b)fluoranthene	23.276	252	26083m	0.367	ng/ul	
25) Benzo(k)fluoranthene	23.323	252	9072m	0.136	ng/ul	
26) Benzo(a)pyrene	23.919	252	15240	0.271	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.584	276	11454	0.174	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.594	278	3067	0.060	ng/ul#	33
29) Benzo(g,h,i)perylene	27.375	276	11024	0.206	ng/ul#	83

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

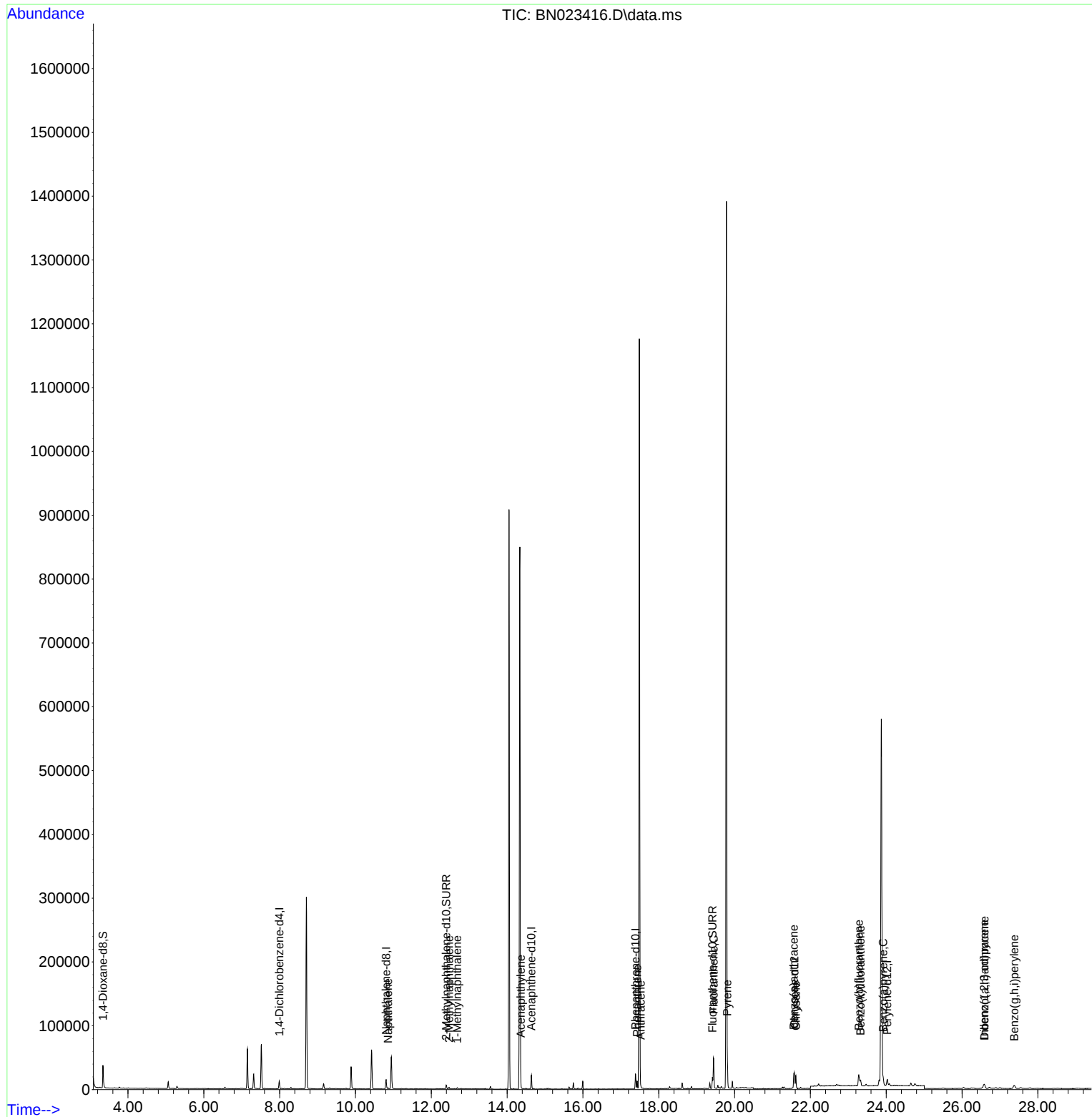
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023416.D
Acq On : 24 Dec 2022 18:27
Operator : CG/JU
Sample : N6018-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

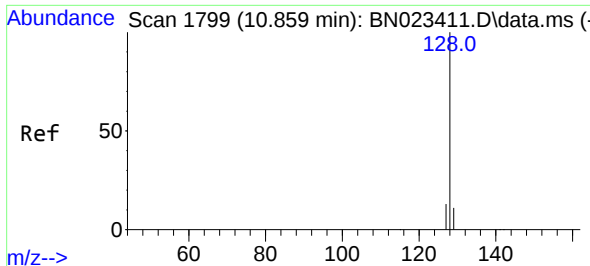
Instrument :
BNA_N
ClientSampleId :
DBYH6

Manual Integrations
APPROVED

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

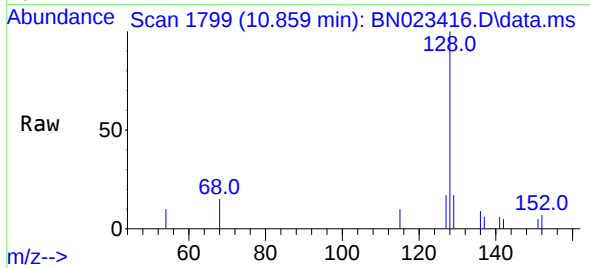
Quant Time: Dec 25 04:19:16 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.039 ng/ul
RT: 10.859 min Scan# 1799
Delta R.T. -0.006 min
Lab File: BN023416.D
Acq: 24 Dec 2022 18:27

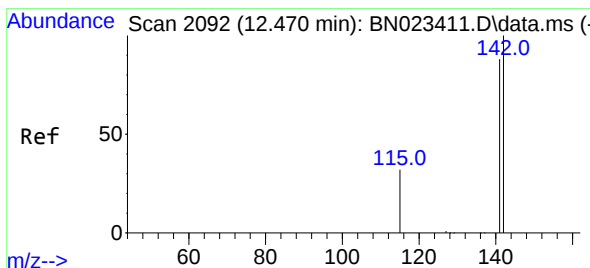
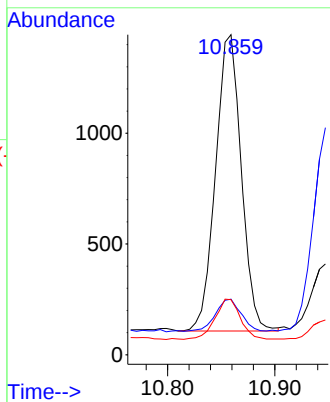
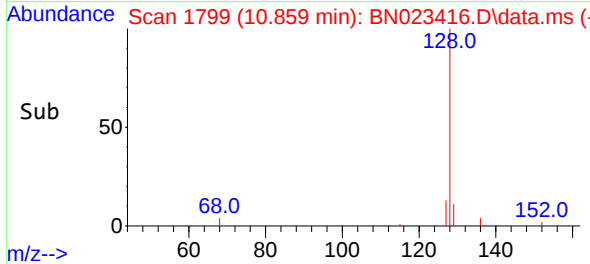
Instrument :
BNA_N
ClientSampleId :
DBYH6



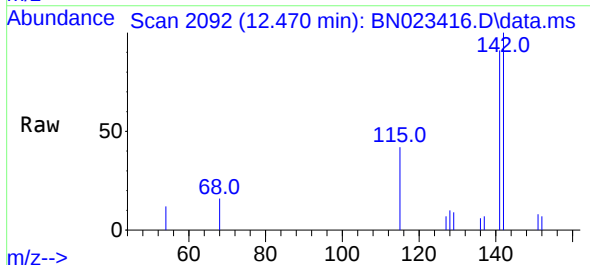
Tgt Ion:128 Resp: 2230
Ion Ratio Lower Upper
128 100
129 17.4 9.0 13.4
127 17.2 10.7 16.1

Manual Integrations
APPROVED

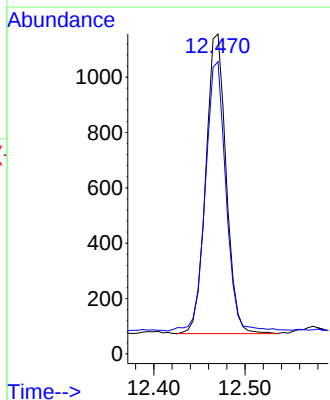
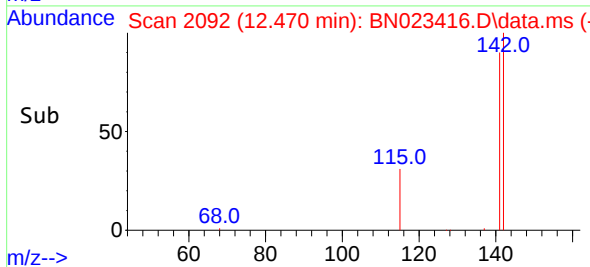
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

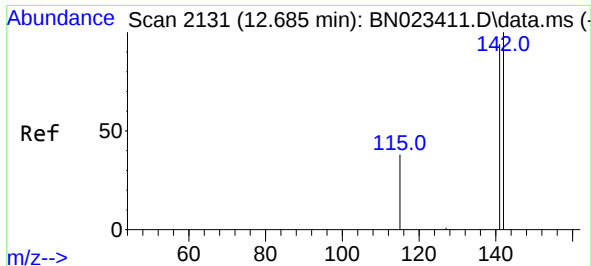


#7
2-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 12.470 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BN023416.D
Acq: 24 Dec 2022 18:27



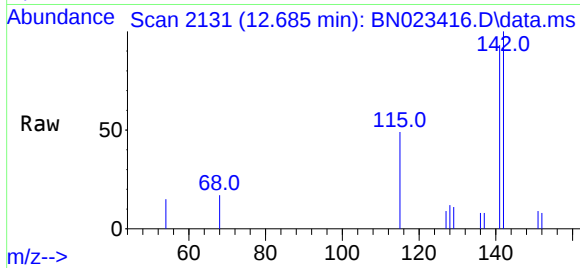
Tgt Ion:142 Resp: 1681
Ion Ratio Lower Upper
142 100
141 90.5 71.4 107.2





#8
1-Methylnaphthalene
Concen: 0.035 ng/u1
RT: 12.685 min Scan# 2131
Delta R.T. -0.011 min
Lab File: BN023416.D
Acq: 24 Dec 2022 18:27

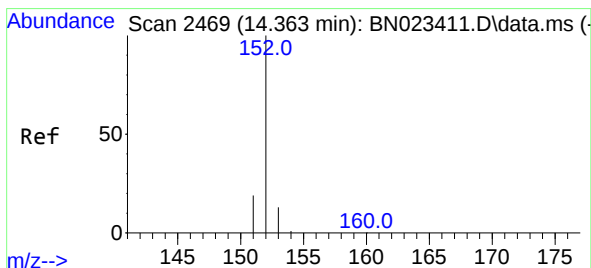
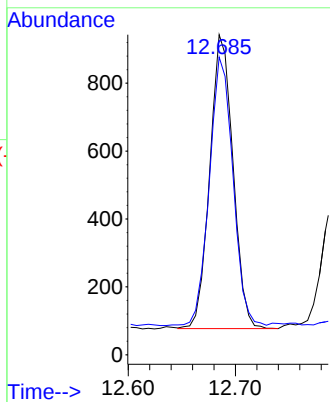
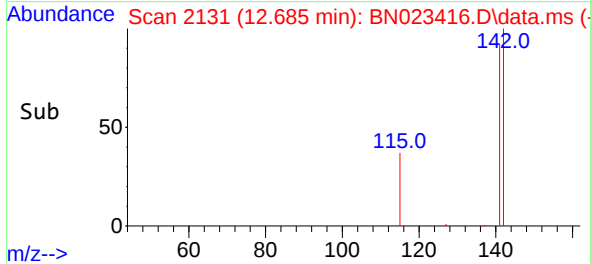
Instrument :
BNA_N
ClientSampleId :
DBYH6



Tgt Ion:142 Resp: 1299
Ion Ratio Lower Upper
142 100
141 92.8 74.0 111.0

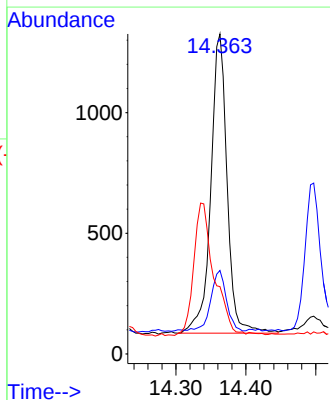
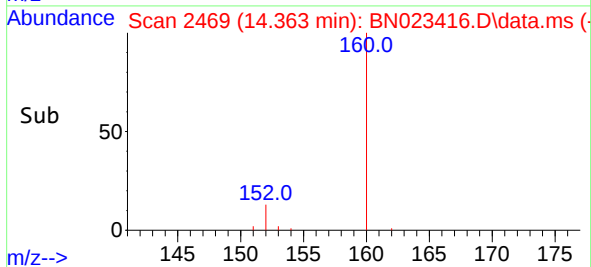
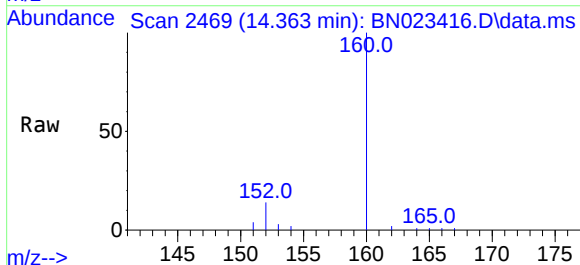
Manual Integrations
APPROVED

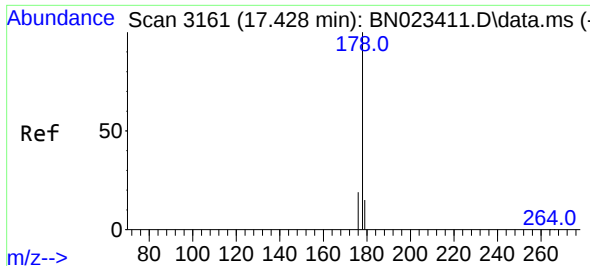
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#10
Acenaphthylene
Concen: 0.040 ng/u1
RT: 14.363 min Scan# 2469
Delta R.T. -0.006 min
Lab File: BN023416.D
Acq: 24 Dec 2022 18:27

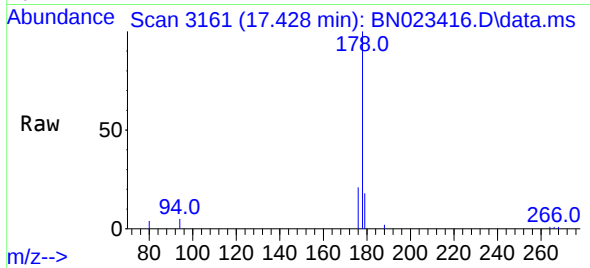
Tgt Ion:152 Resp: 2014
Ion Ratio Lower Upper
152 100
151 26.1 16.1 24.1#
153 21.0 10.9 16.3#





#15
Phenanthrene
Concen: 0.135 ng/u1
RT: 17.428 min Scan# 3161
Delta R.T. -0.005 min
Lab File: BN023416.D
Acq: 24 Dec 2022 18:27

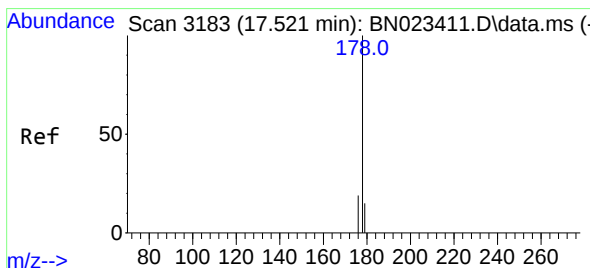
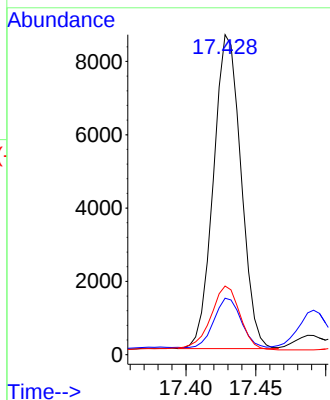
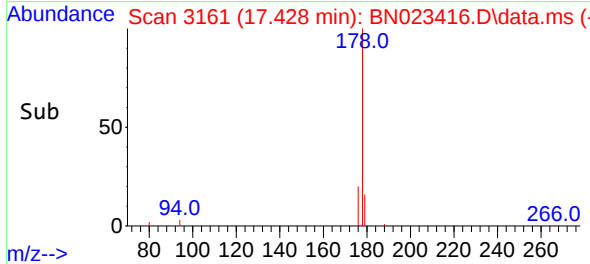
Instrument :
BNA_N
ClientSampleId :
DBYH6



Tgt Ion:178 Resp: 1174.0
Ion Ratio Lower Upper
178 100
179 17.6 12.5 18.7
176 21.4 15.7 23.5

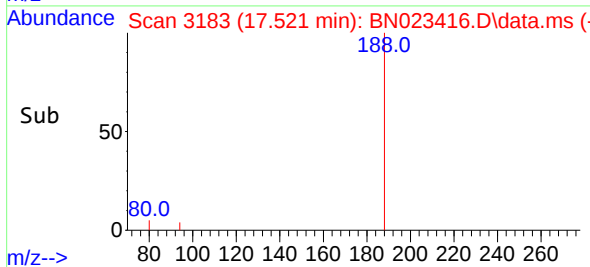
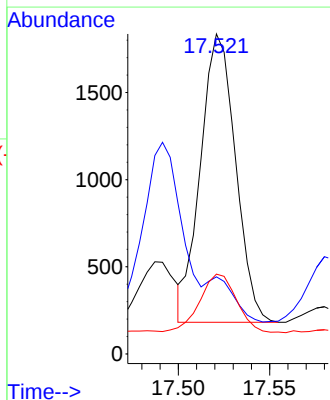
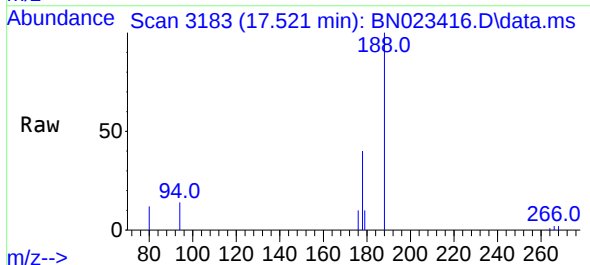
Manual Integrations
APPROVED

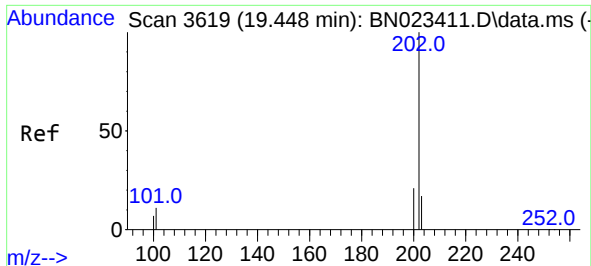
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#16
Anthracene
Concen: 0.030 ng/u1
RT: 17.521 min Scan# 3183
Delta R.T. -0.005 min
Lab File: BN023416.D
Acq: 24 Dec 2022 18:27

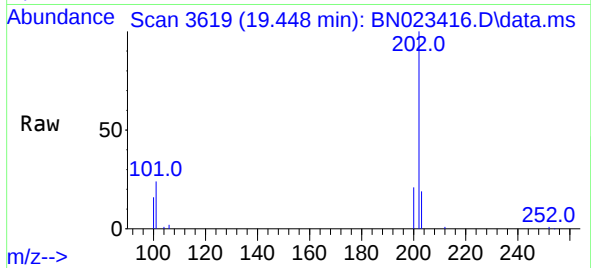
Tgt Ion:178 Resp: 2205
Ion Ratio Lower Upper
178 100
179 24.1 12.6 18.8#
176 24.9 15.4 23.0#





#19
Fluoranthene
Concen: 0.405 ng/u1
RT: 19.448 min Scan# 3619
Delta R.T. -0.001 min
Lab File: BN023416.D
Acq: 24 Dec 2022 18:27

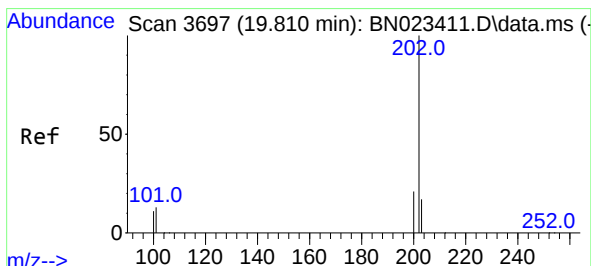
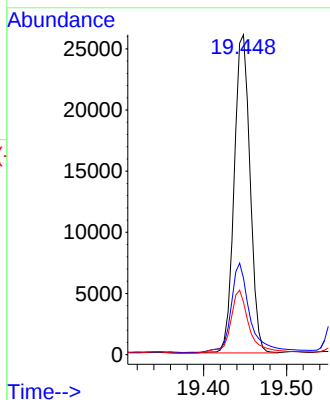
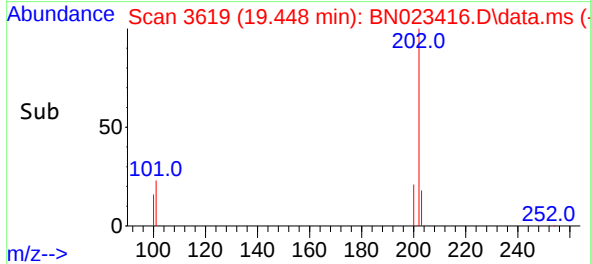
Instrument :
BNA_N
ClientSampleId :
DBYH6



Tgt Ion:202 Resp: 3463
Ion Ratio Lower Upper
202 100
101 24.0 9.4 14.2
100 16.4 7.0 10.6

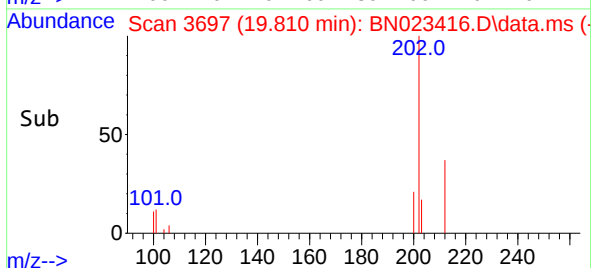
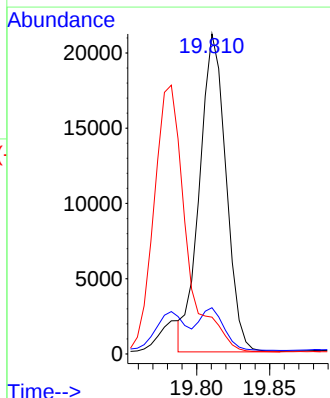
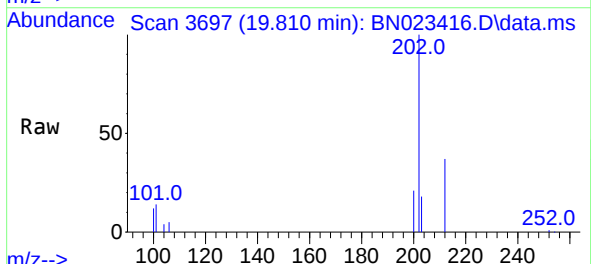
Manual Integrations
APPROVED

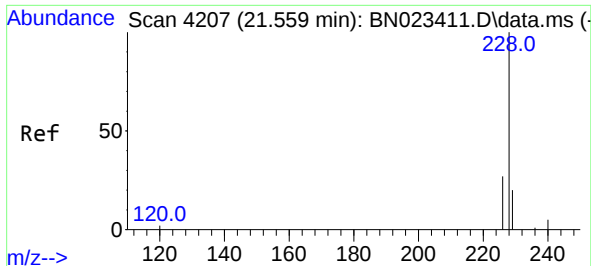
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#20
Pyrene
Concen: 0.310 ng/u1 m
RT: 19.810 min Scan# 3697
Delta R.T. -0.001 min
Lab File: BN023416.D
Acq: 24 Dec 2022 18:27

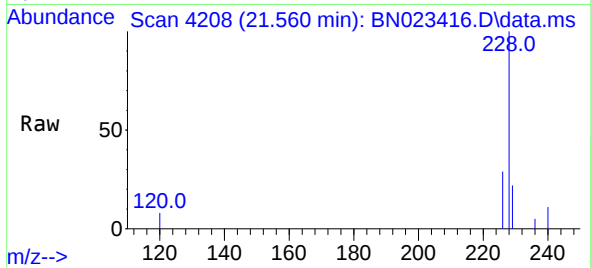
Tgt Ion:202 Resp: 26673
Ion Ratio Lower Upper
202 100
101 14.5 11.3 16.9
100 11.5 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.256 ng/u1
RT: 21.560 min Scan# 4207
Delta R.T. -0.001 min
Lab File: BN023416.D
Acq: 24 Dec 2022 18:27

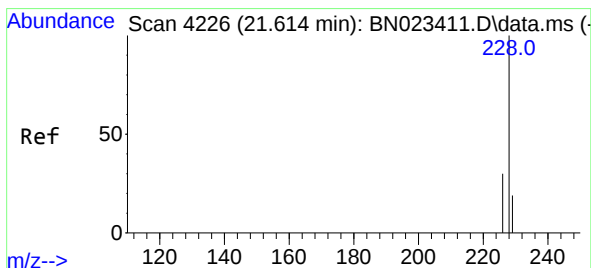
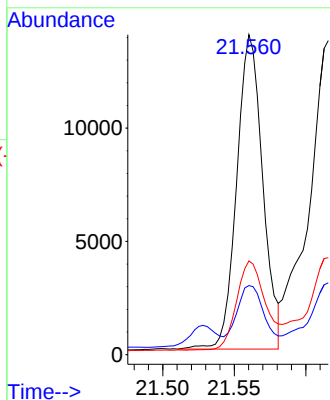
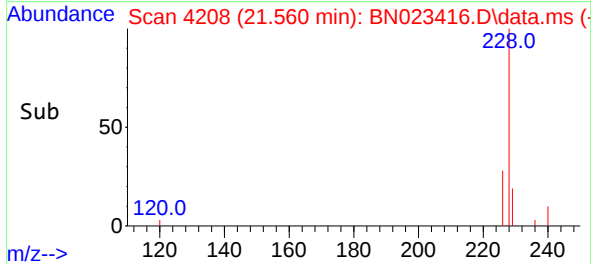
Instrument :
BNA_N
ClientSampleId :
DBYH6



Tgt Ion:228 Resp: 17550
Ion Ratio Lower Upper
228 100
229 21.6 15.6 23.4
226 29.3 22.2 33.2

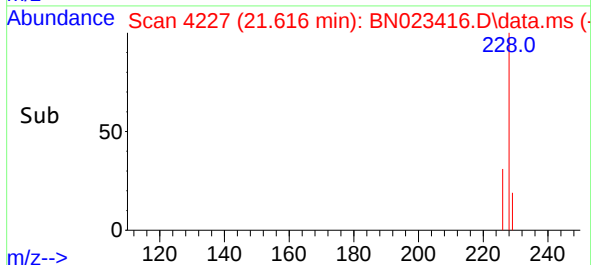
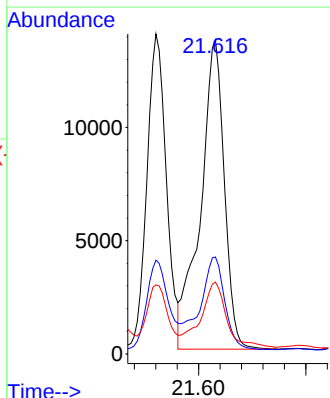
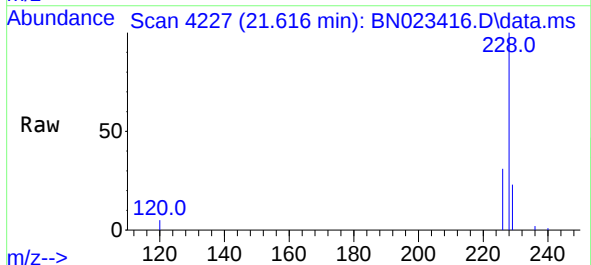
Manual Integrations
APPROVED

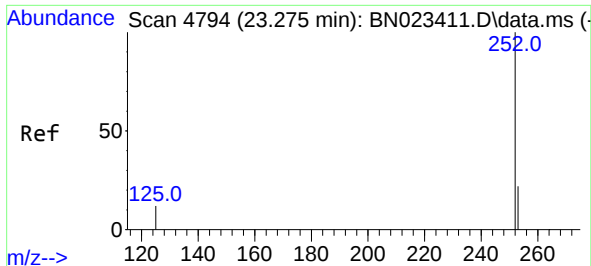
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#22
Chrysene
Concen: 0.302 ng/u1
RT: 21.616 min Scan# 4227
Delta R.T. -0.001 min
Lab File: BN023416.D
Acq: 24 Dec 2022 18:27

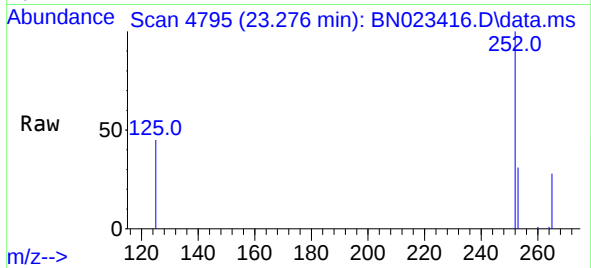
Tgt Ion:228 Resp: 21060
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 22.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.367 ng/ul m
RT: 23.276 min Scan# 4794
Delta R.T. 0.002 min
Lab File: BN023416.D
Acq: 24 Dec 2022 18:27

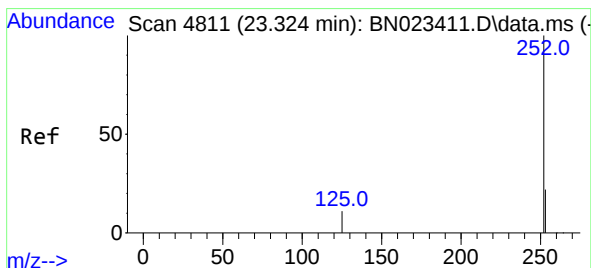
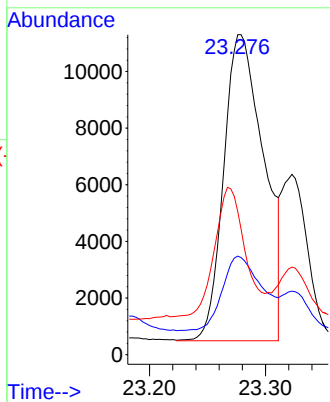
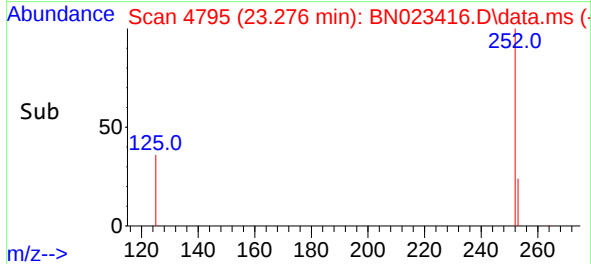
Instrument :
BNA_N
ClientSampleId :
DBYH6



Tgt Ion:252 Resp: 2608
Ion Ratio Lower Upper
252 100
253 30.8 0.0 49.2
125 44.8 0.0 31.8

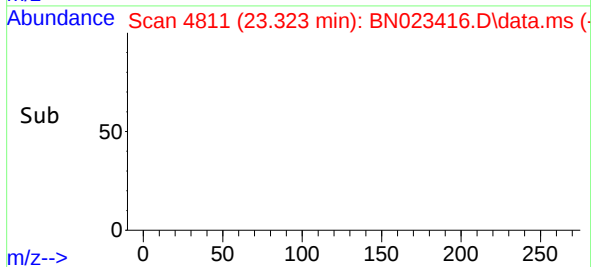
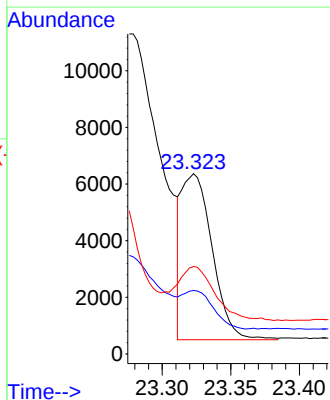
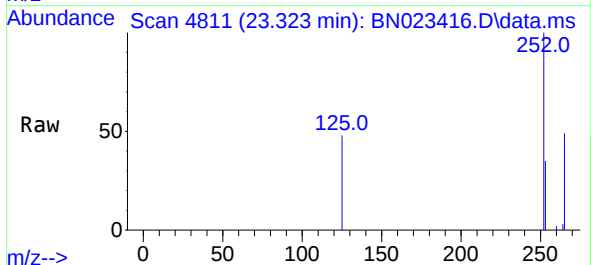
Manual Integrations
APPROVED

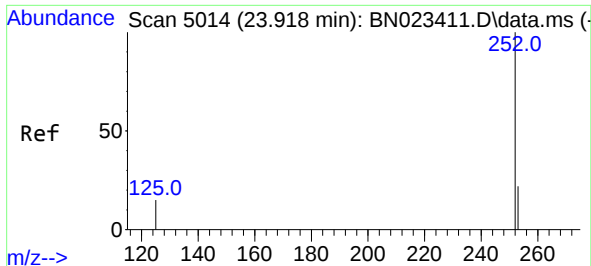
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#25
Benzo(k)fluoranthene
Concen: 0.136 ng/ul m
RT: 23.323 min Scan# 4811
Delta R.T. -0.001 min
Lab File: BN023416.D
Acq: 24 Dec 2022 18:27

Tgt Ion:252 Resp: 9072
Ion Ratio Lower Upper
252 100
253 35.2 19.8 29.6#
125 48.5 12.6 18.8#





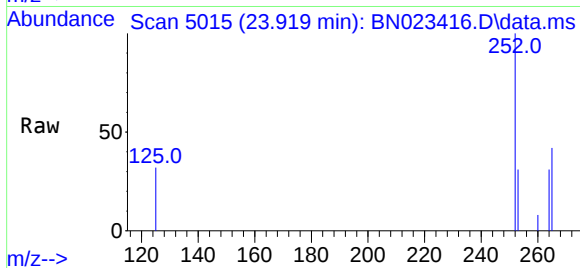
#26
Benzo(a)pyrene
Concen: 0.271 ng/u1
RT: 23.919 min Scan# 5015
Delta R.T. 0.005 min
Lab File: BN023416.D
Acq: 24 Dec 2022 18:27

Instrument :

BN023416.D

ClientSampleId :

DBYH6

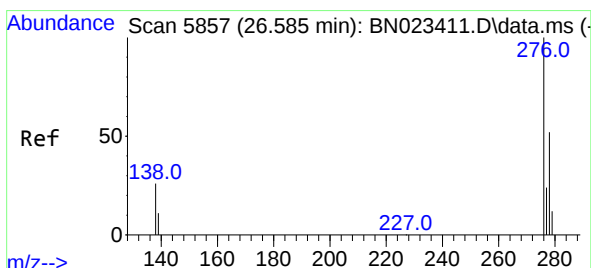
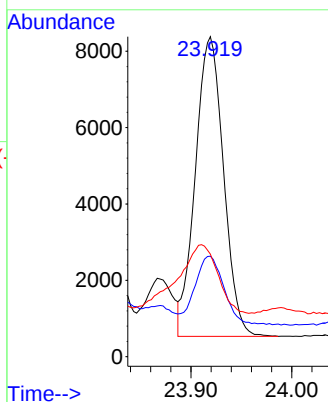
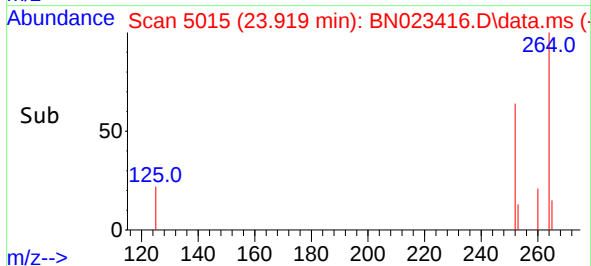


Tgt Ion:252 Resp: 15240
Ion Ratio Lower Upper
252 100
253 31.4 21.4 32.2
125 32.1 16.2 24.4

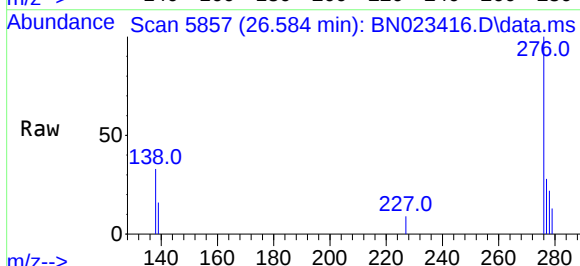
Manual Integrations

APPROVED

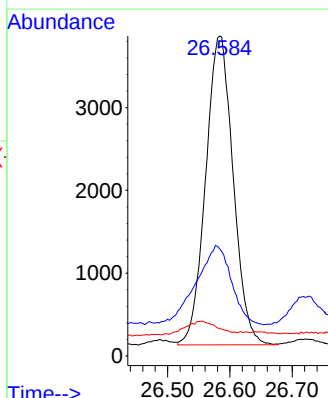
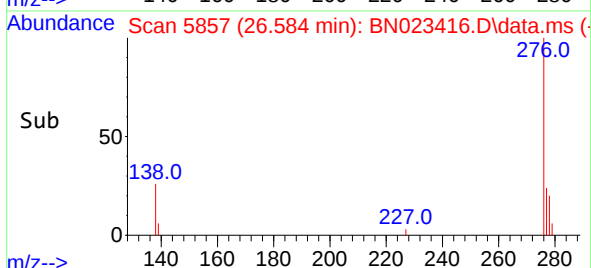
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

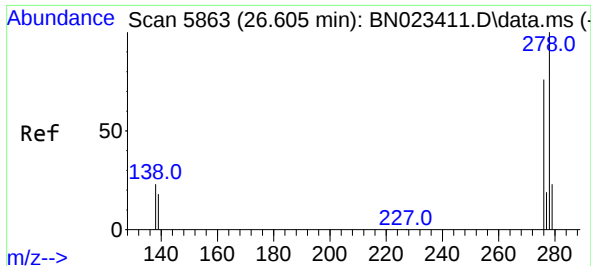


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.174 ng/u1
RT: 26.584 min Scan# 5857
Delta R.T. 0.006 min
Lab File: BN023416.D
Acq: 24 Dec 2022 18:27



Tgt Ion:276 Resp: 11454
Ion Ratio Lower Upper
276 100
138 33.2 23.4 35.2
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.060 ng/ul

RT: 26.594 min Scan# 5863

Delta R.T. -0.008 min

Lab File: BN023416.D

Acq: 24 Dec 2022 18:27

Instrument :

BNA_N

ClientSampleId :

DBYH6

Tgt Ion:278 Resp: 306

Ion Ratio Lower Upper

278 100

139 60.8 16.6 24.8

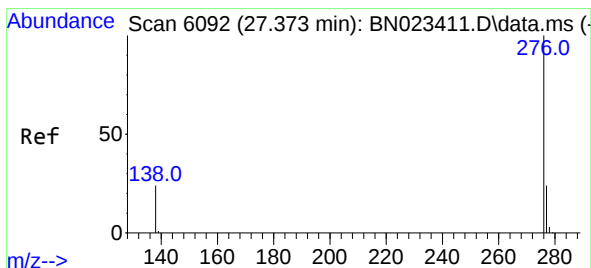
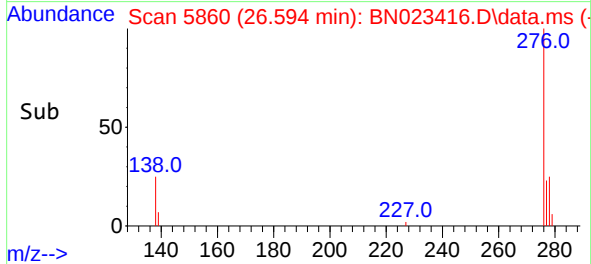
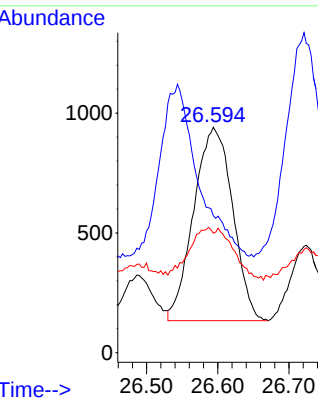
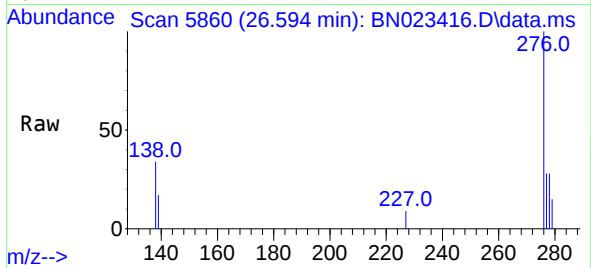
279 53.0 21.3 31.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022

Supervised By :Yogesh Patel 12/25/2022



#29

Benzo(g,h,i)perylene

Concen: 0.206 ng/ul

RT: 27.375 min Scan# 6093

Delta R.T. 0.006 min

Lab File: BN023416.D

Acq: 24 Dec 2022 18:27

Tgt Ion:276 Resp: 11024

Ion Ratio Lower Upper

276 100

138 39.5 20.3 30.5

277 27.0 19.7 29.5

