

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023417.D
 Acq On : 24 Dec 2022 19:03
 Operator : CG/JU
 Sample : N6018-05
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYH7

Manual Integrations
 APPROVED

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

Quant Time: Dec 25 04:19:34 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	5535	0.400	ng/ul	0.00
4) Naphthalene-d8	10.810	136	18525	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.640	164	10884	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.386	188	25295	0.400	ng/ul	0.00
17) Chrysene-d12	21.578	240	17418	0.400	ng/ul	0.00
23) Perylene-d12	24.024	264	13757	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	21799	3.625	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.393	152	8452	0.295	ng/ul	-0.01
18) Fluoranthene-d10	19.415	212	21231	0.337	ng/ul	0.00
Target Compounds						
					Qvalue	
11) Acenaphthene	14.701	153	1343	0.033	ng/ul	98
12) Fluorene	15.686	166	1906	0.042	ng/ul#	98
15) Phenanthrene	17.428	178	30400	0.369	ng/ul	98
16) Anthracene	17.521	178	6593	0.096	ng/ul	95
19) Fluoranthene	19.448	202	59284	0.702	ng/ul	99
20) Pyrene	19.810	202	42753m	0.502	ng/ul	
21) Benzo(a)anthracene	21.560	228	21664	0.319	ng/ul	97
22) Chrysene	21.613	228	23301	0.338	ng/ul	96
24) Benzo(b)fluoranthene	23.273	252	27753m	0.390	ng/ul	
25) Benzo(k)fluoranthene	23.320	252	9140m	0.137	ng/ul	
26) Benzo(a)pyrene	23.916	252	15885	0.282	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.584	276	11846	0.180	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.590	278	3004	0.059	ng/ul#	31
29) Benzo(g,h,i)perylene	27.372	276	11677	0.218	ng/ul#	89

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

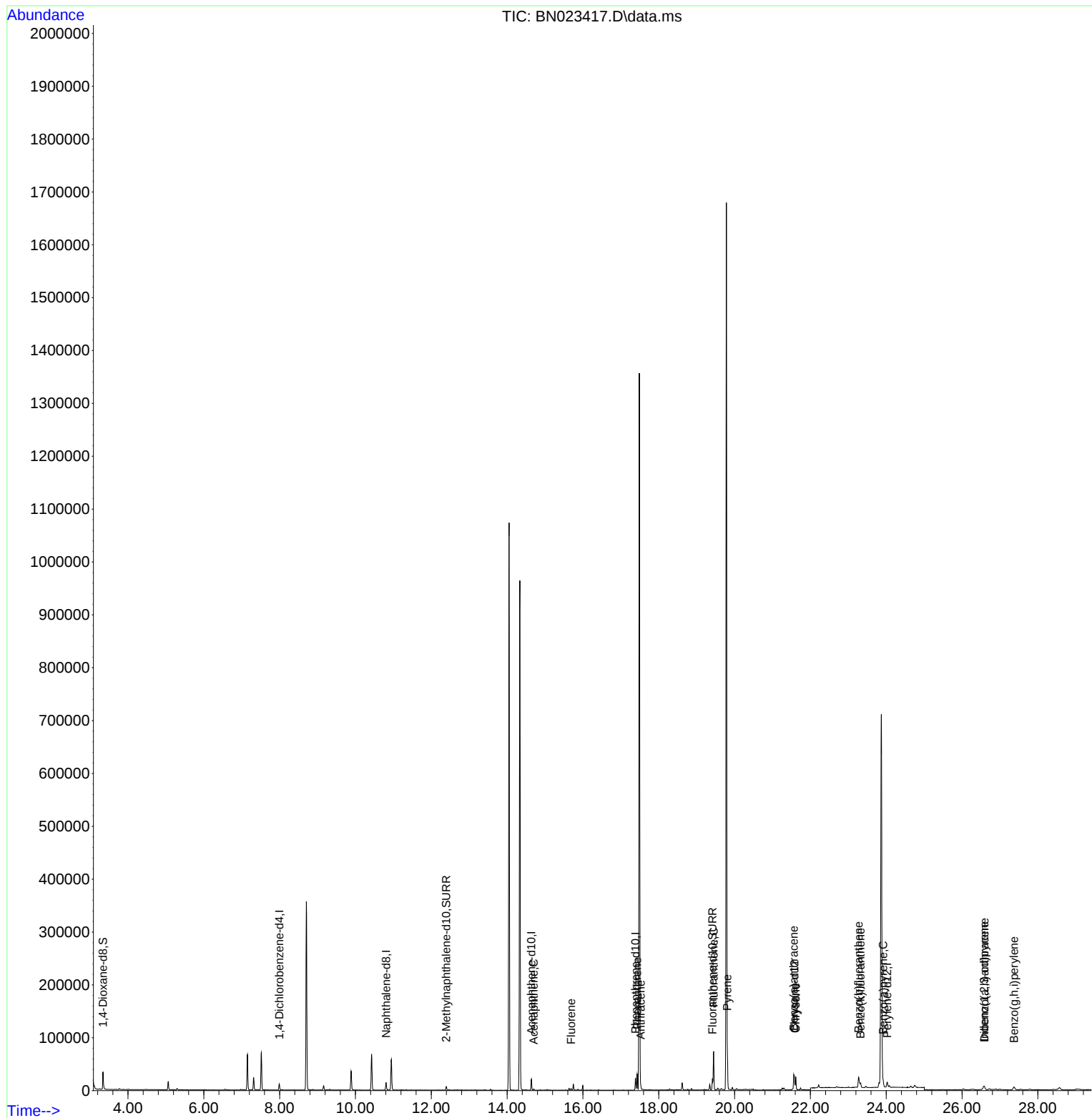
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023417.D
Acq On : 24 Dec 2022 19:03
Operator : CG/JU
Sample : N6018-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

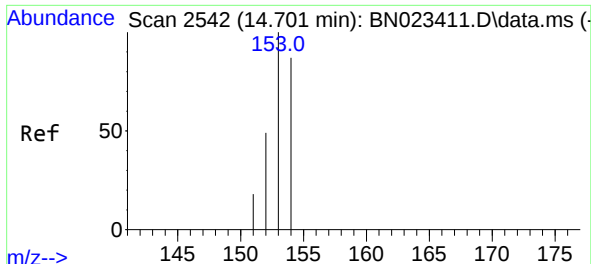
Instrument :
BNA_N
ClientSampleId :
DBYH7

Manual Integrations
APPROVED

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

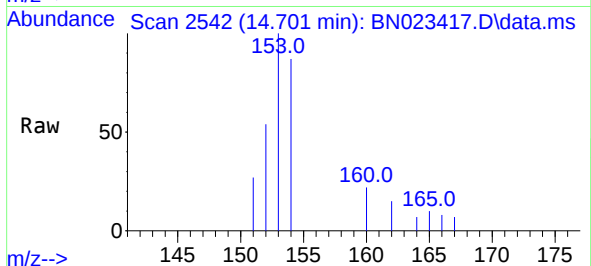
Quant Time: Dec 25 04:19:34 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#11
Acenaphthene
Concen: 0.033 ng/u1
RT: 14.701 min Scan# 2542
Delta R.T. -0.006 min
Lab File: BN023417.D
Acq: 24 Dec 2022 19:03

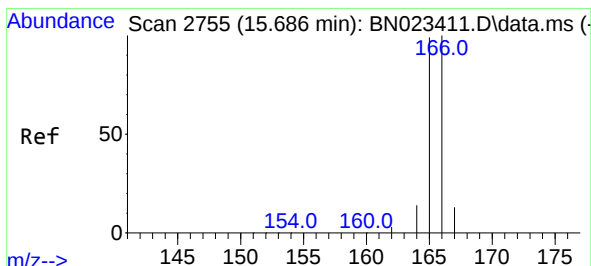
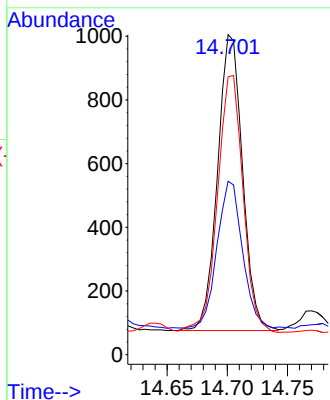
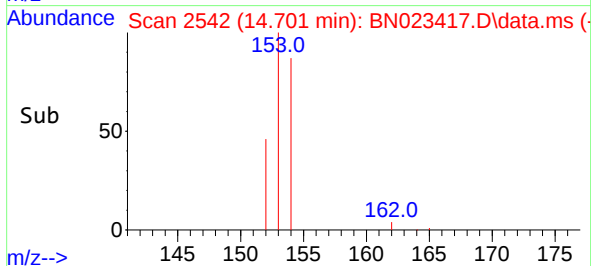
Instrument :
BNA_N
ClientSampleId :
DBYH7



Tgt Ion:153 Resp: 134
Ion Ratio Lower Upper
153 100
152 54.2 41.0 61.4
154 86.9 69.5 104.3

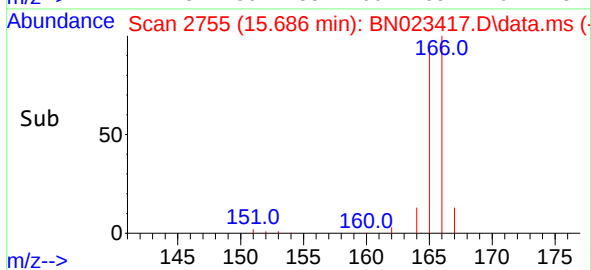
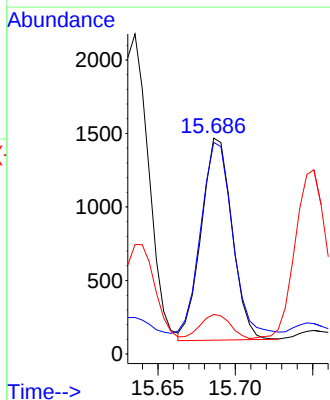
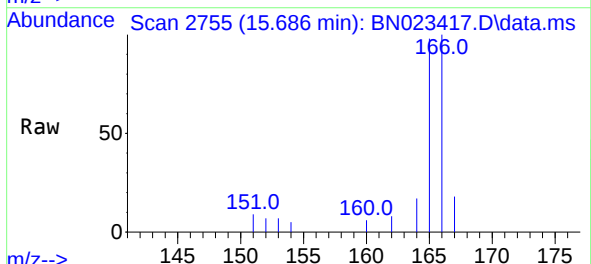
Manual Integrations
APPROVED

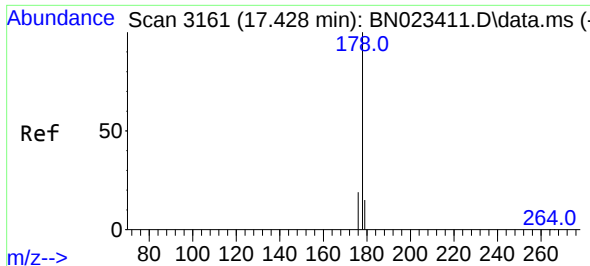
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#12
Fluorene
Concen: 0.042 ng/u1
RT: 15.686 min Scan# 2755
Delta R.T. -0.006 min
Lab File: BN023417.D
Acq: 24 Dec 2022 19:03

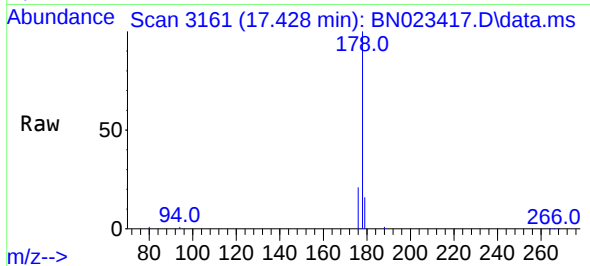
Tgt Ion:166 Resp: 1906
Ion Ratio Lower Upper
166 100
165 98.0 79.1 118.7
167 18.3 11.0 16.4#





#15
Phenanthrene
Concen: 0.369 ng/u1
RT: 17.428 min Scan# 3161
Delta R.T. -0.005 min
Lab File: BN023417.D
Acq: 24 Dec 2022 19:03

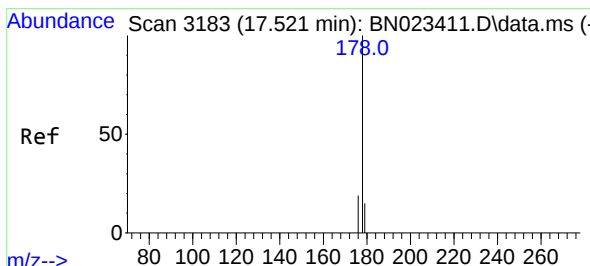
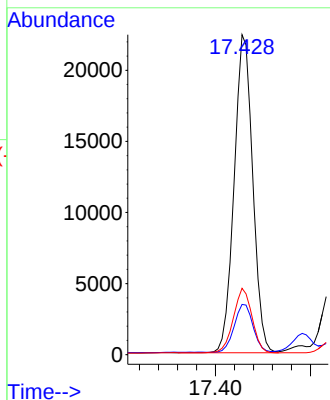
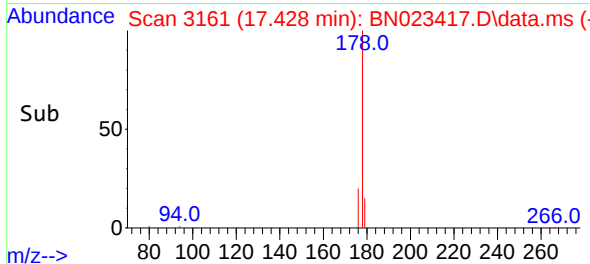
Instrument :
BNA_N
ClientSampleId :
DBYH7



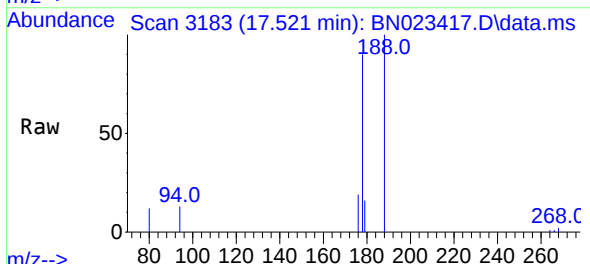
Tgt Ion:178 Resp: 30400
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 20.8 15.7 23.5

Manual Integrations
APPROVED

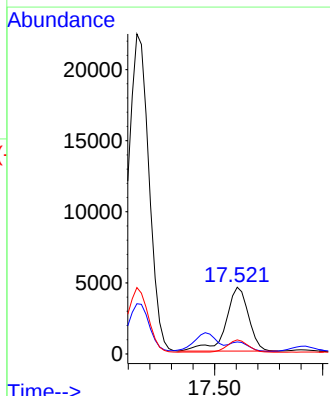
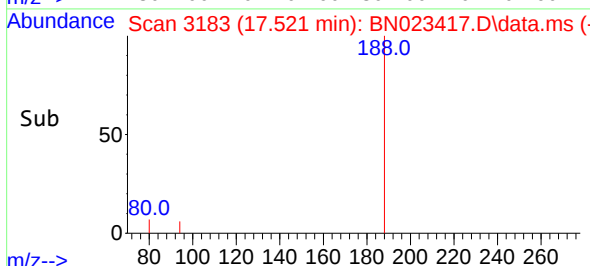
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

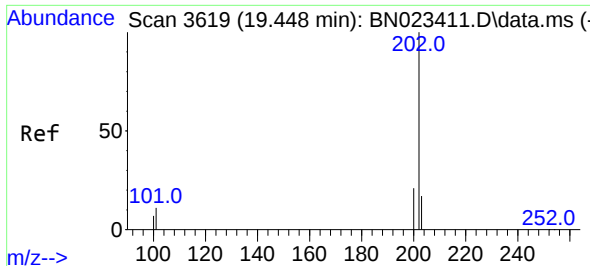


#16
Anthracene
Concen: 0.096 ng/u1
RT: 17.521 min Scan# 3183
Delta R.T. -0.005 min
Lab File: BN023417.D
Acq: 24 Dec 2022 19:03



Tgt Ion:178 Resp: 6593
Ion Ratio Lower Upper
178 100
179 18.0 12.6 18.8
176 21.0 15.4 23.0





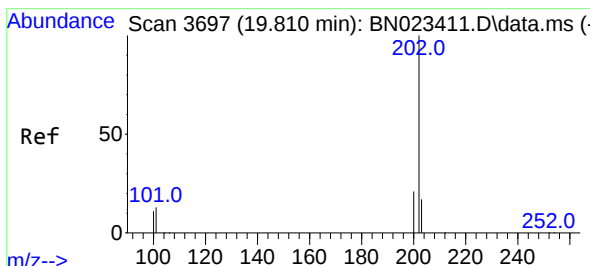
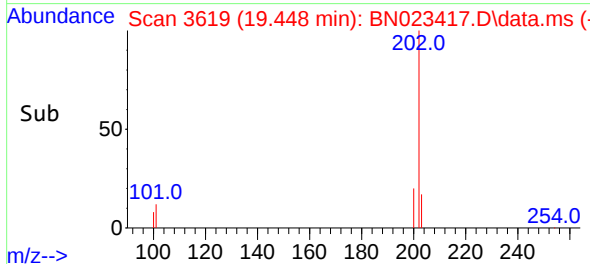
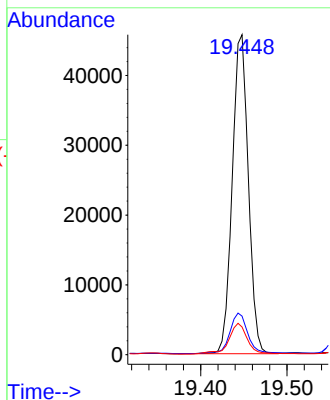
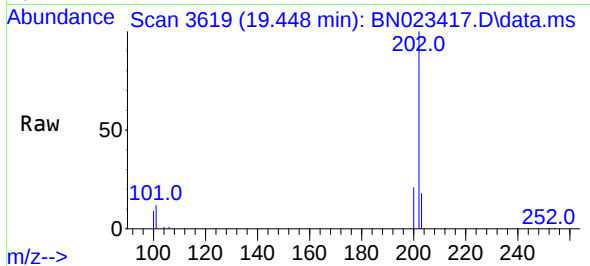
#19
Fluoranthene
Concen: 0.702 ng/ul
RT: 19.448 min Scan# 3619
Delta R.T. -0.001 min
Lab File: BN023417.D
Acq: 24 Dec 2022 19:03

Instrument :
BNA_N
ClientSampleId :
DBYH7

Tgt Ion:202 Resp: 59284
Ion Ratio Lower Upper
202 100
101 12.1 9.4 14.2
100 8.7 7.0 10.6

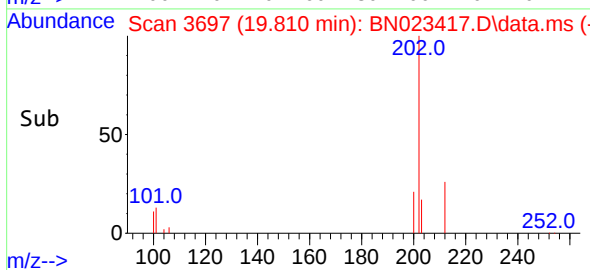
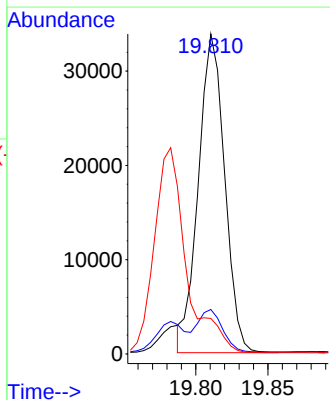
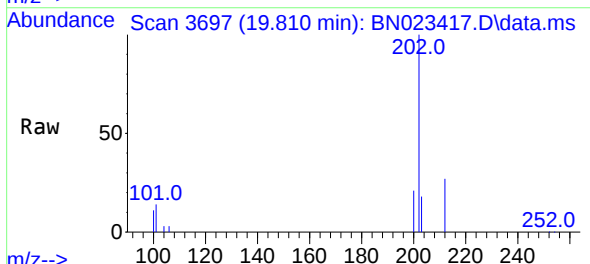
Manual Integrations
APPROVED

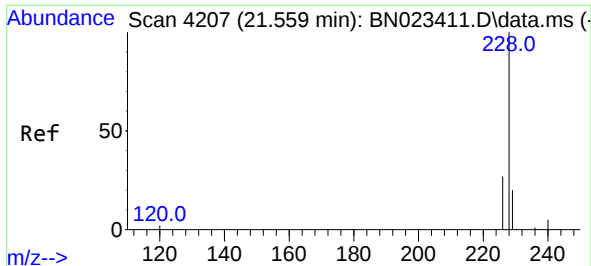
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#20
Pyrene
Concen: 0.502 ng/ul m
RT: 19.810 min Scan# 3697
Delta R.T. -0.001 min
Lab File: BN023417.D
Acq: 24 Dec 2022 19:03

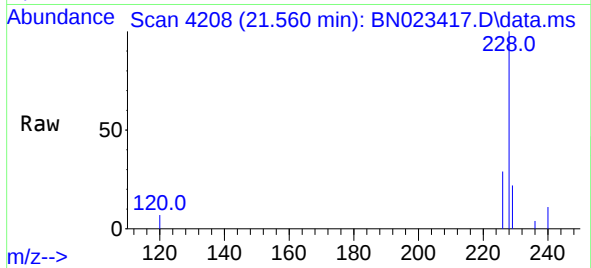
Tgt Ion:202 Resp: 42753
Ion Ratio Lower Upper
202 100
101 13.9 11.3 16.9
100 11.1 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.319 ng/u1
RT: 21.560 min Scan# 4208
Delta R.T. -0.001 min
Lab File: BN023417.D
Acq: 24 Dec 2022 19:03

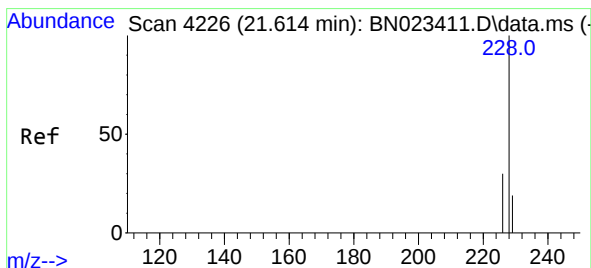
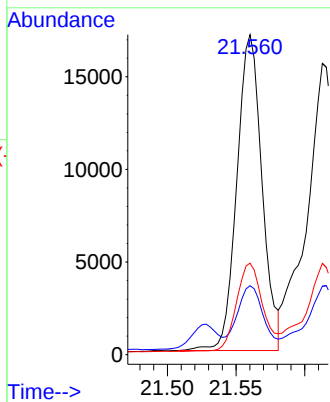
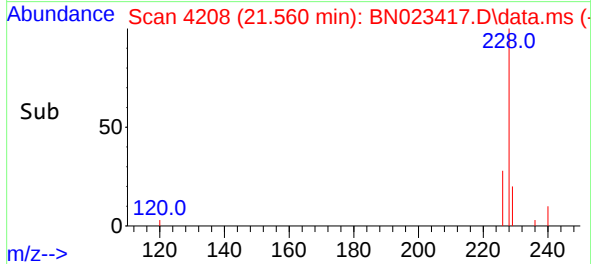
Instrument :
BNA_N
ClientSampleId :
DBYH7



Tgt Ion:228 Resp: 21664
Ion Ratio Lower Upper
228 100
229 21.6 15.6 23.4
226 28.6 22.2 33.2

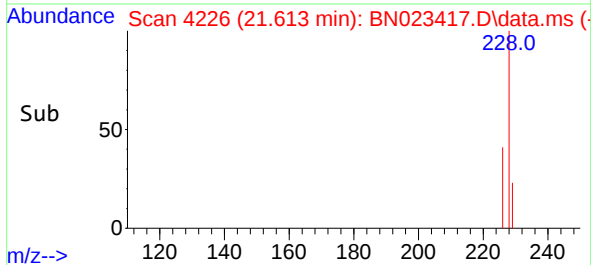
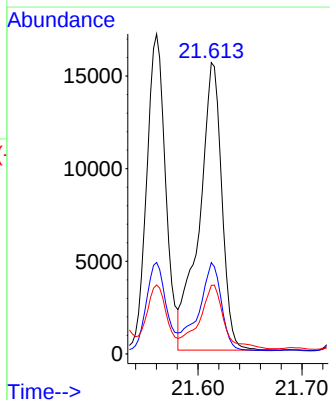
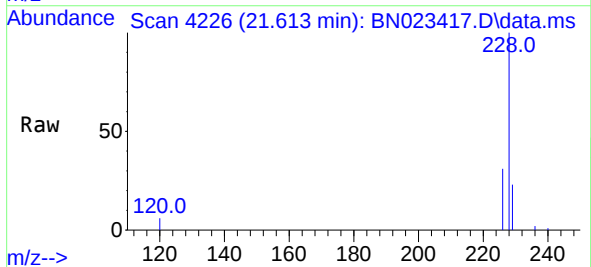
Manual Integrations
APPROVED

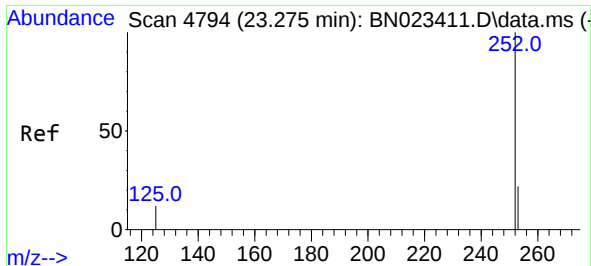
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#22
Chrysene
Concen: 0.338 ng/u1
RT: 21.613 min Scan# 4226
Delta R.T. -0.004 min
Lab File: BN023417.D
Acq: 24 Dec 2022 19:03

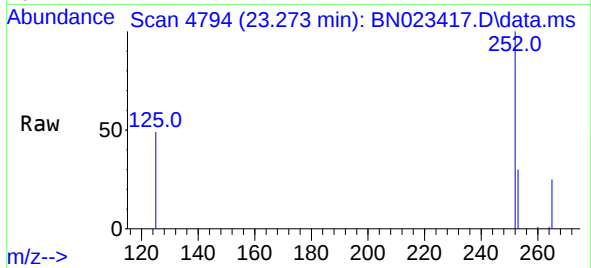
Tgt Ion:228 Resp: 23301
Ion Ratio Lower Upper
228 100
226 31.3 24.3 36.5
229 23.5 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.390 ng/ul m
RT: 23.273 min Scan# 4794
Delta R.T. -0.001 min
Lab File: BN023417.D
Acq: 24 Dec 2022 19:03

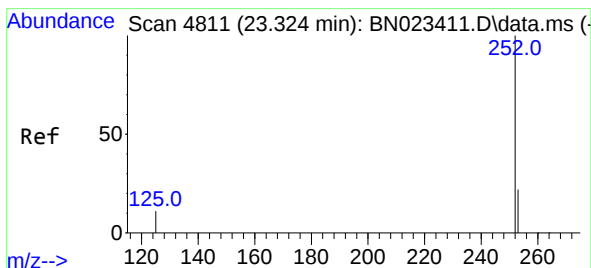
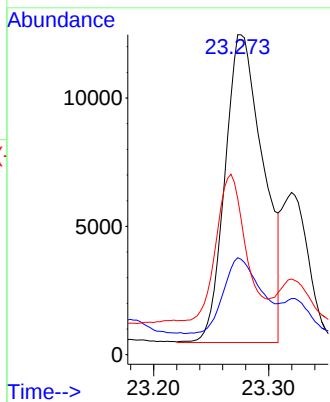
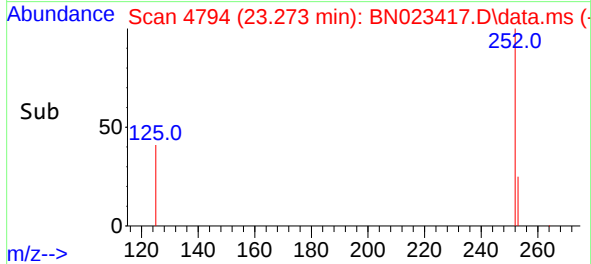
Instrument :
BNA_N
ClientSampleId :
DBYH7



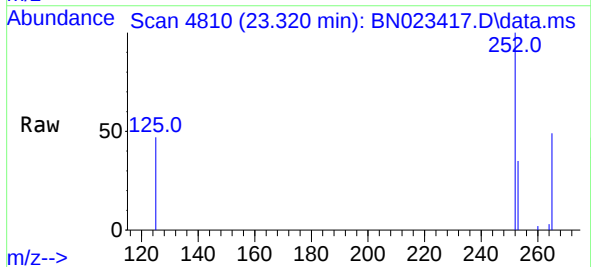
Tgt Ion:252 Resp: 2775
Ion Ratio Lower Upper
252 100
253 30.3 0.0 49.2
125 48.8 0.0 31.8

Manual Integrations
APPROVED

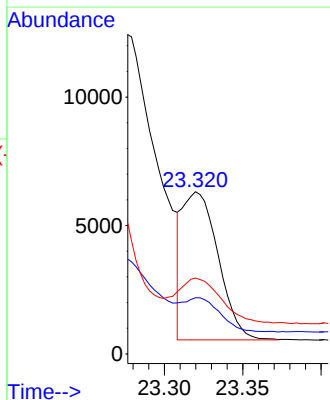
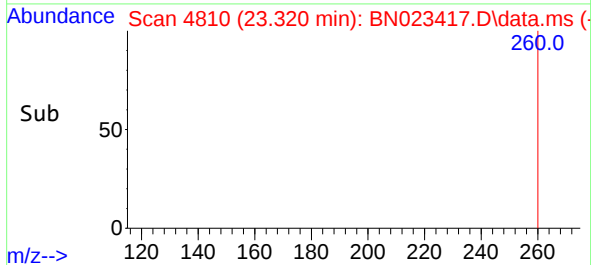
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

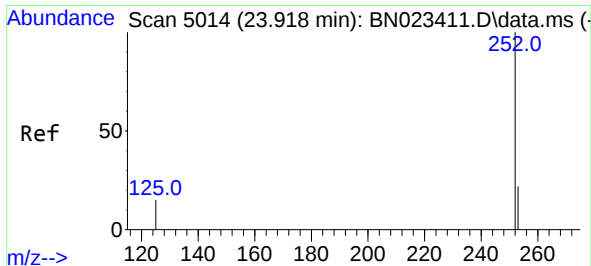


#25
Benzo(k)fluoranthene
Concen: 0.137 ng/ul m
RT: 23.320 min Scan# 4810
Delta R.T. -0.004 min
Lab File: BN023417.D
Acq: 24 Dec 2022 19:03



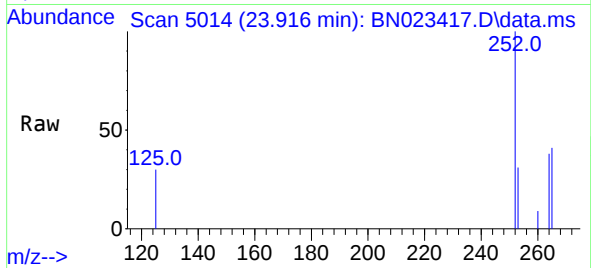
Tgt Ion:252 Resp: 9140
Ion Ratio Lower Upper
252 100
253 34.6 19.8 29.6#
125 46.7 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 0.282 ng/ul
RT: 23.916 min Scan# 5014
Delta R.T. 0.002 min
Lab File: BN023417.D
Acq: 24 Dec 2022 19:03

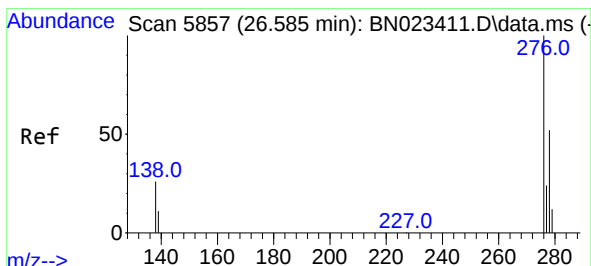
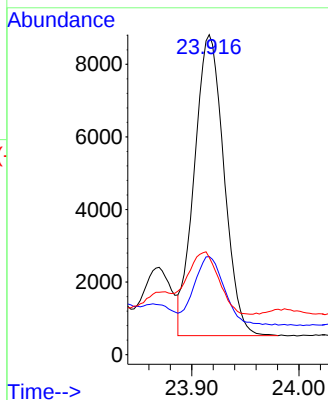
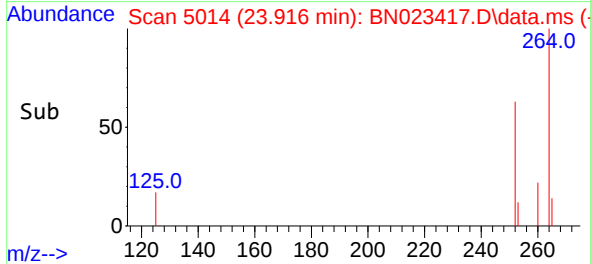
Instrument :
BNA_N
ClientSampleId :
DBYH7



Tgt Ion:252 Resp: 15885
Ion Ratio Lower Upper
252 100
253 30.6 21.4 32.2
125 30.4 16.2 24.4

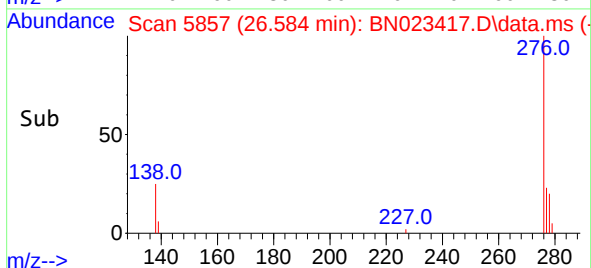
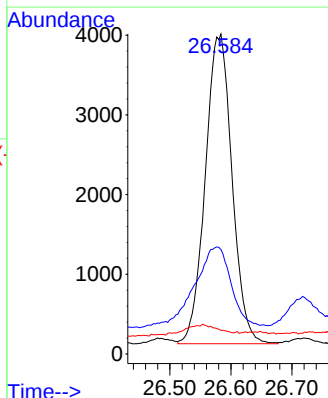
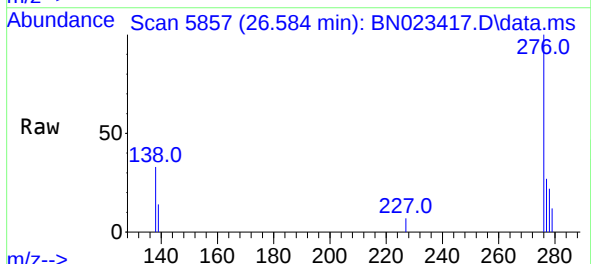
Manual Integrations
APPROVED

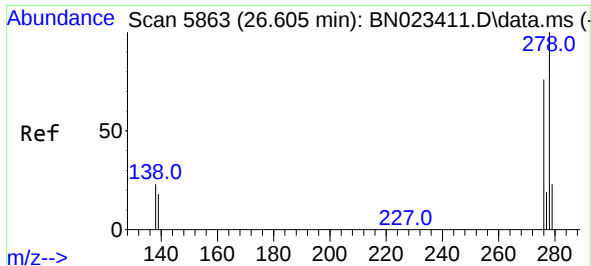
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.180 ng/ul
RT: 26.584 min Scan# 5857
Delta R.T. 0.006 min
Lab File: BN023417.D
Acq: 24 Dec 2022 19:03

Tgt Ion:276 Resp: 11846
Ion Ratio Lower Upper
276 100
138 36.4 23.4 35.2#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.059 ng/ul
RT: 26.590 min Scan# 5859
Delta R.T. -0.011 min
Lab File: BN023417.D
Acq: 24 Dec 2022 19:03

Instrument :

BNA_N

ClientSampleId :

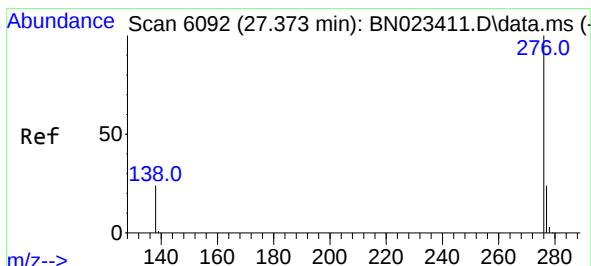
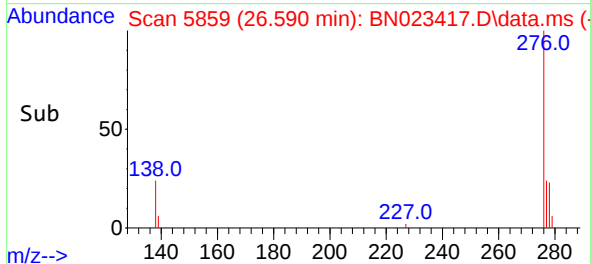
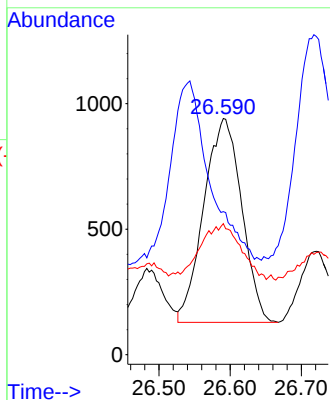
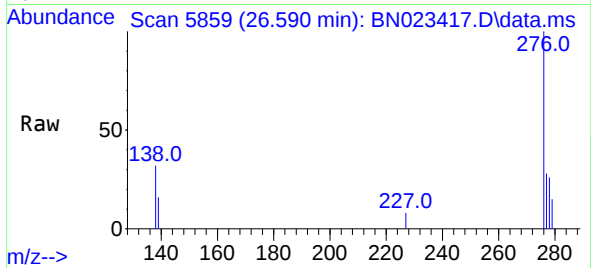
DBYH7

Tgt Ion:278 Resp: 3004
Ion Ratio Lower Upper
278 100
139 60.6 16.6 24.8
279 55.5 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: 0.218 ng/ul
RT: 27.372 min Scan# 6092
Delta R.T. 0.002 min
Lab File: BN023417.D
Acq: 24 Dec 2022 19:03

Tgt Ion:276 Resp: 11677
Ion Ratio Lower Upper
276 100
138 33.4 20.3 30.5
277 27.2 19.7 29.5

