

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN12222\
 Data File : BN023356.D
 Acq On : 23 Dec 2022 01:31
 Operator : CG/JU
 Sample : N6003-24DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXV3DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

Quant Time: Dec 23 03:43:16 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	7.998	152	7063	0.400	ng/ul	0.00
4) Naphthalene-d8	10.815	136	24098	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.646	164	14363	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.391	188	33791	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	26405	0.400	ng/ul	0.00
23) Perylene-d12	24.028	264	20654	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	6374	0.831	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.399	152	2153	0.058	ng/ul	0.00
18) Fluoranthene-d10	19.416	212	5326	0.056	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.865	128	10104	0.143	ng/ul	98
7) 2-Methylnaphthalene	12.476	142	1710	0.038	ng/ul	99
8) 1-Methylnaphthalene	12.690	142	1119	0.024	ng/ul	97
10) Acenaphthylene	14.364	152	7661	0.120	ng/ul	97
11) Acenaphthene	14.706	153	1644	0.031	ng/ul	99
12) Fluorene	15.692	166	2712	0.045	ng/ul#	98
15) Phenanthrene	17.433	178	58813	0.535	ng/ul	100
16) Anthracene	17.526	178	9363	0.103	ng/ul	97
19) Fluoranthene	19.449	202	150777	1.177	ng/ul	99
20) Pyrene	19.811	202	118176m	0.915	ng/ul	
21) Benzo(a)anthracene	21.561	228	65047	0.633	ng/ul	98
22) Chrysene	21.614	228	68936	0.659	ng/ul	98
24) Benzo(b)fluoranthene	23.277	252	94867m	0.888	ng/ul	
25) Benzo(k)fluoranthene	23.321	252	28865m	0.288	ng/ul	
26) Benzo(a)pyrene	23.917	252	52540	0.621	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.581	276	36456	0.369	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.591	278	8857	0.116	ng/ul#	74
29) Benzo(g,h,i)perylene	27.376	276	29830	0.371	ng/ul	99

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

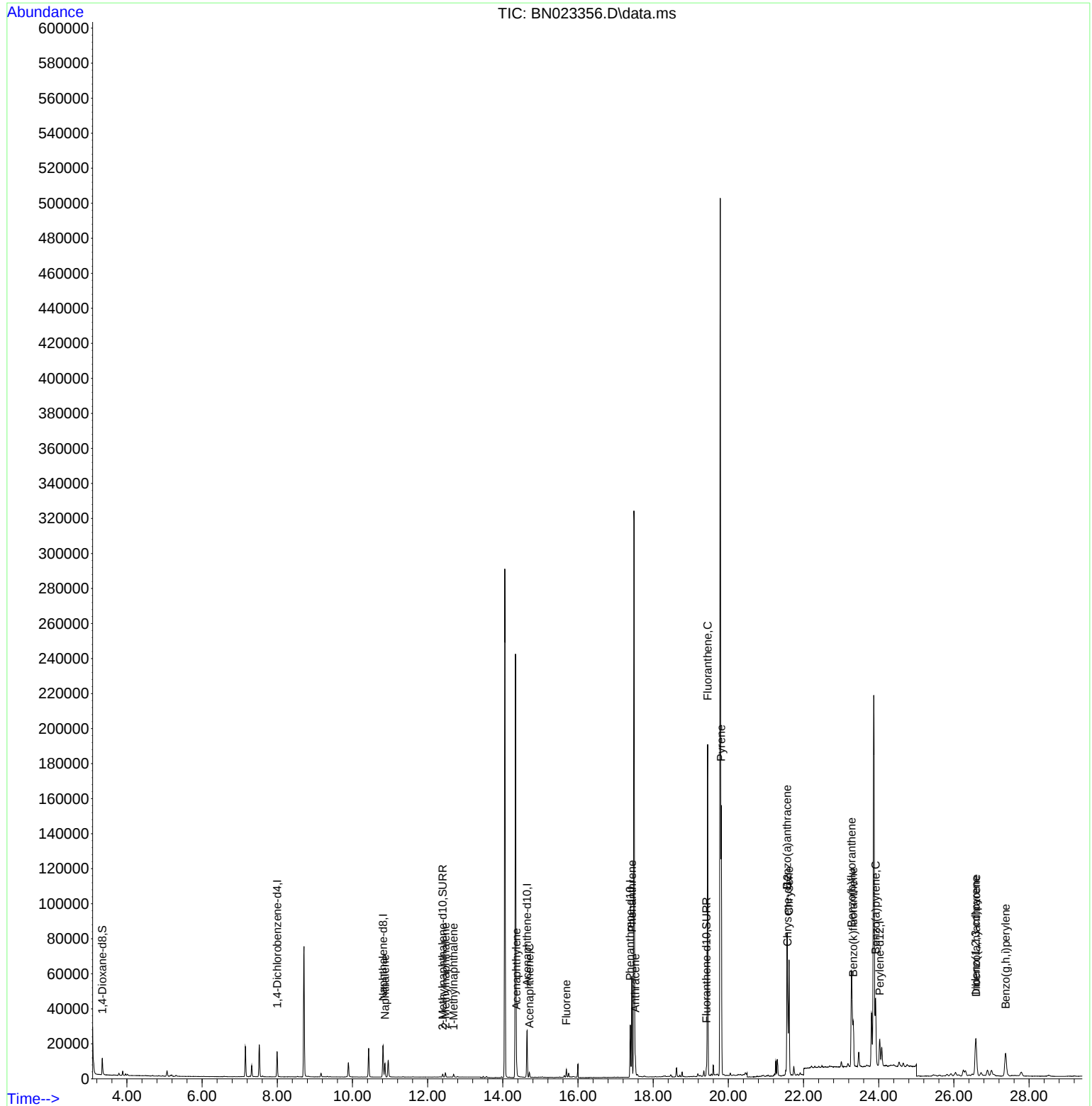
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
Data File : BN023356.D
Acq On : 23 Dec 2022 01:31
Operator : CG/JU
Sample : N6003-24DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

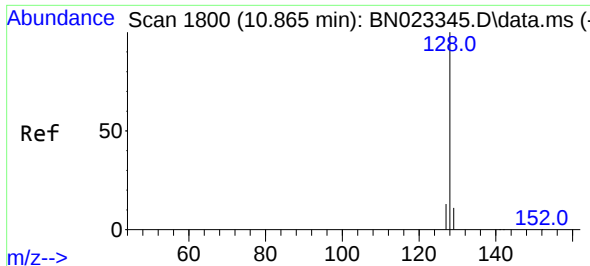
Instrument :
BNA_N
ClientSampleId :
DBXV3DL

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

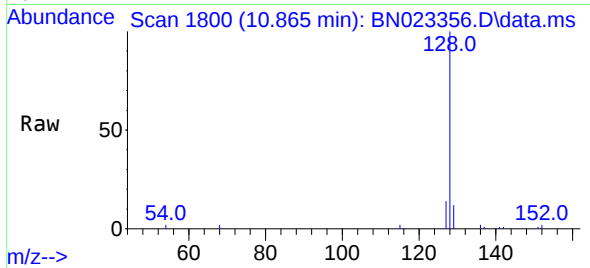
Quant Time: Dec 23 03:43:16 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.143 ng/ul
RT: 10.865 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BN023356.D
Acq: 23 Dec 2022 01:31

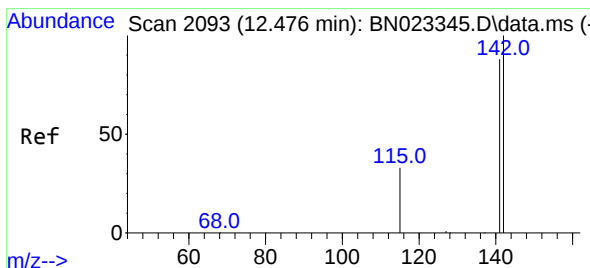
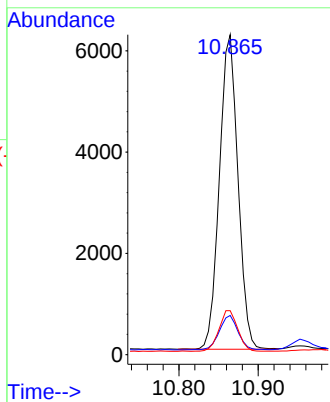
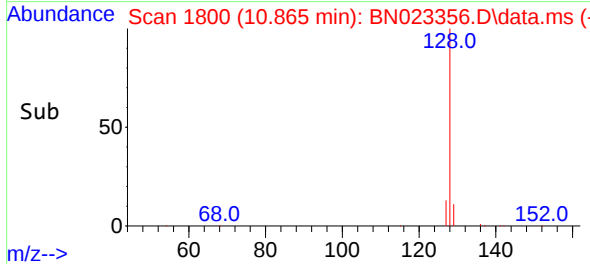
Instrument :
BNA_N
ClientSampleId :
DBXV3DL



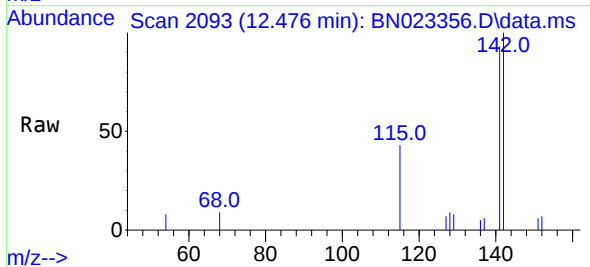
Tgt Ion:128 Resp: 1010
Ion Ratio Lower Upper
128 100
129 12.2 9.0 13.4
127 13.8 10.7 16.1

Manual Integrations
APPROVED

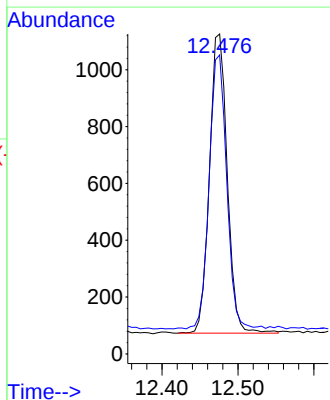
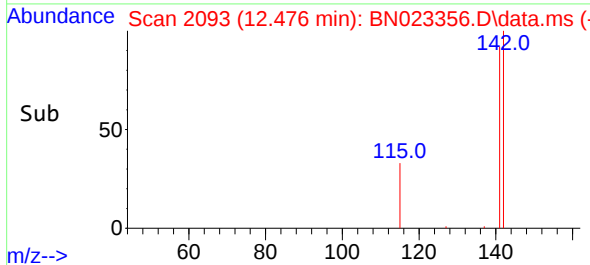
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

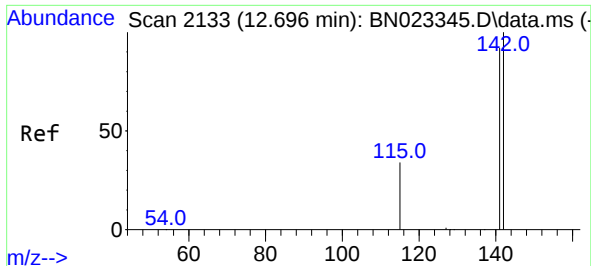


#7
2-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.476 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN023356.D
Acq: 23 Dec 2022 01:31



Tgt Ion:142 Resp: 1710
Ion Ratio Lower Upper
142 100
141 90.2 71.4 107.2





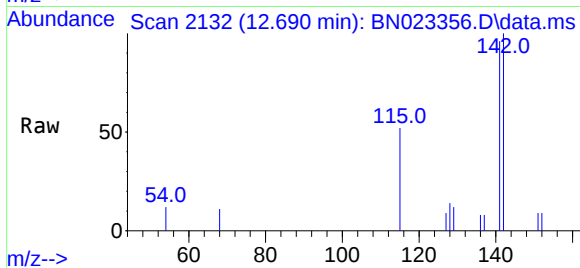
#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.690 min Scan# 2133
Delta R.T. -0.005 min
Lab File: BN023356.D
Acq: 23 Dec 2022 01:31

Instrument :

BNA_N

ClientSampleId :

DBXV3DL

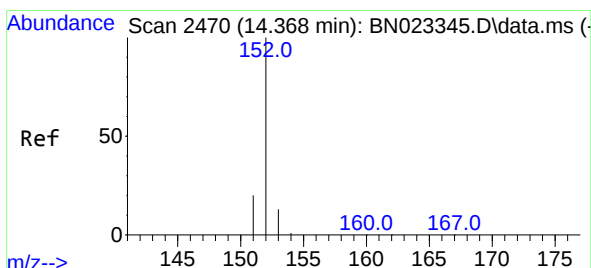
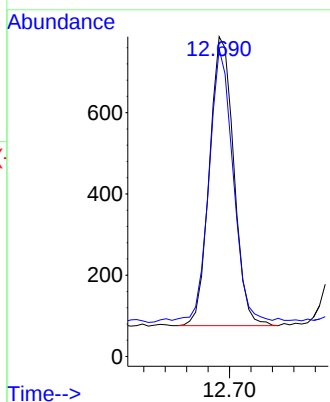
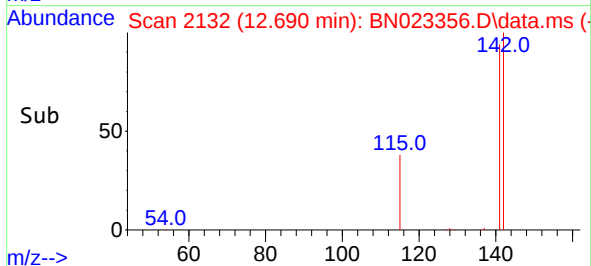


Tgt Ion:142 Resp: 1119
Ion Ratio Lower Upper
142 100
141 95.2 74.0 111.0

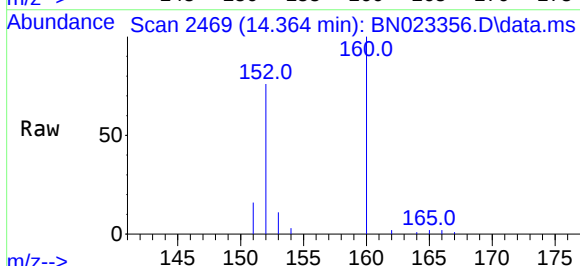
Manual Integrations

APPROVED

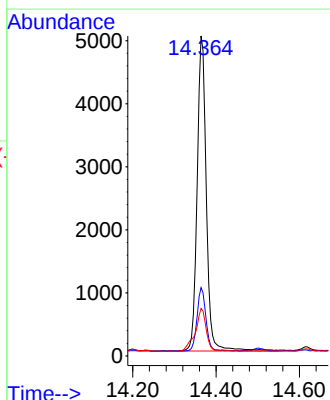
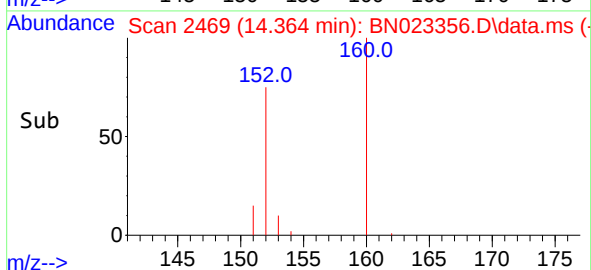
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

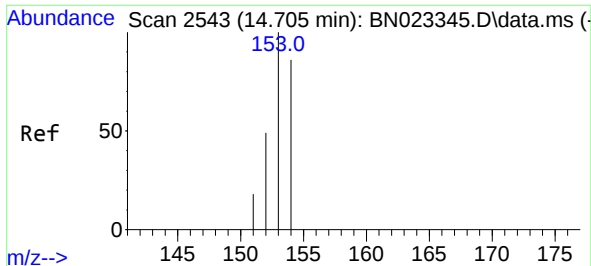


#10
Acenaphthylene
Concen: 0.120 ng/ul
RT: 14.364 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BN023356.D
Acq: 23 Dec 2022 01:31



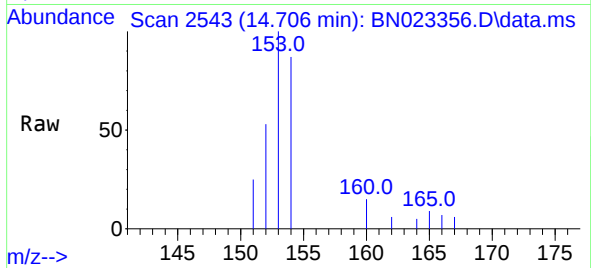
Tgt Ion:152 Resp: 7661
Ion Ratio Lower Upper
152 100
151 21.4 16.1 24.1
153 14.8 10.9 16.3





#11
Acenaphthene
Concen: 0.031 ng/u1
RT: 14.706 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN023356.D
Acq: 23 Dec 2022 01:31

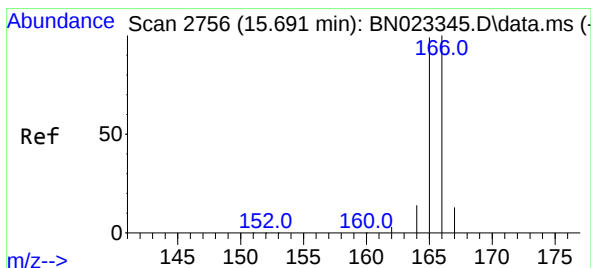
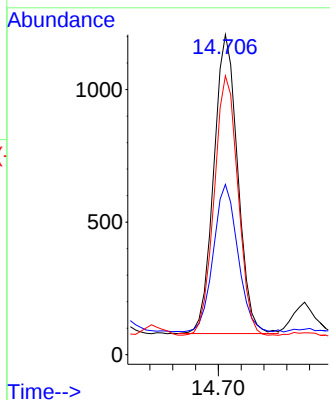
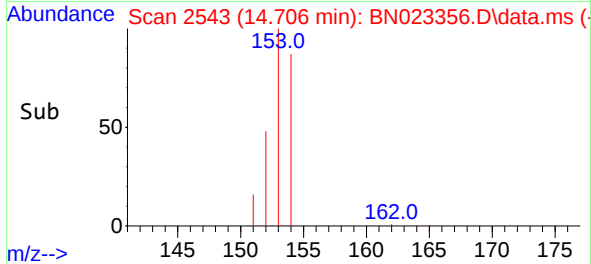
Instrument :
BNA_N
ClientSampleId :
DBXV3DL



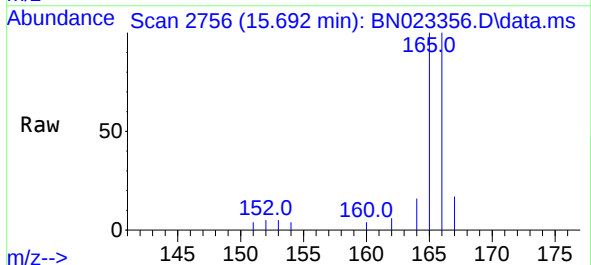
Tgt Ion:153 Resp: 1644
Ion Ratio Lower Upper
153 100
152 53.2 41.0 61.4
154 87.2 69.5 104.3

Manual Integrations
APPROVED

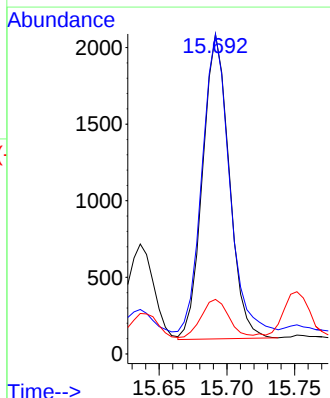
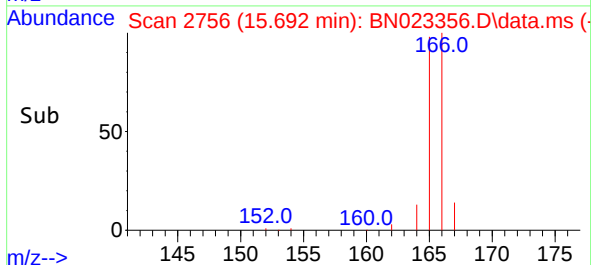
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

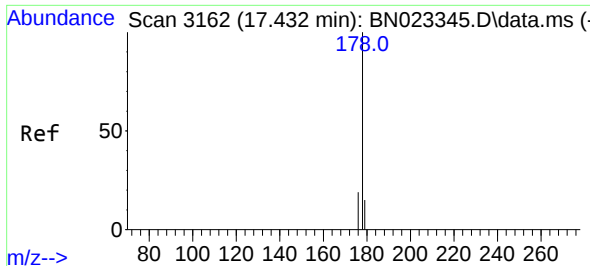


#12
Fluorene
Concen: 0.045 ng/u1
RT: 15.692 min Scan# 2756
Delta R.T. 0.000 min
Lab File: BN023356.D
Acq: 23 Dec 2022 01:31



Tgt Ion:166 Resp: 2712
Ion Ratio Lower Upper
166 100
165 100.1 79.1 118.7
167 17.1 11.0 16.4#





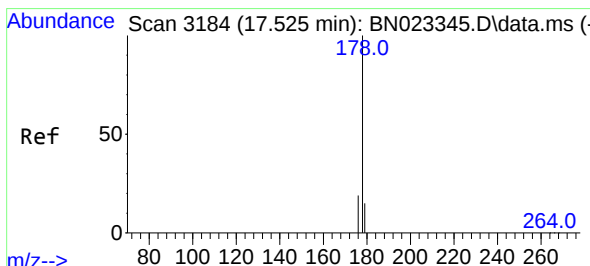
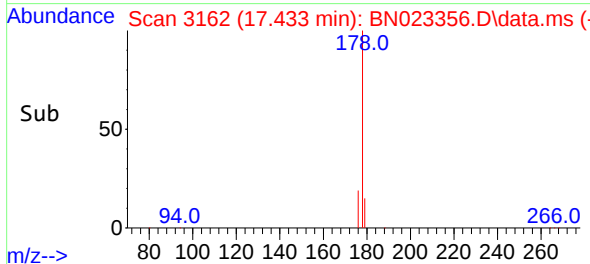
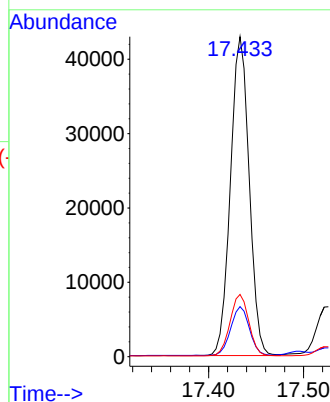
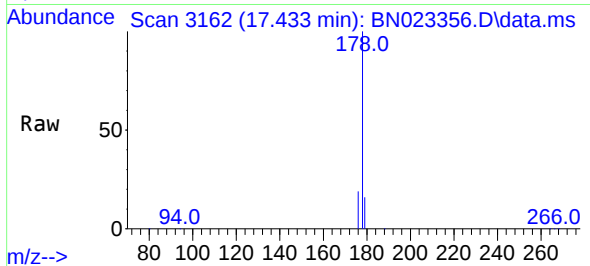
#15
Phenanthrene
Concen: 0.535 ng/u1
RT: 17.433 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BN023356.D
Acq: 23 Dec 2022 01:31

Instrument :
BNA_N
ClientSampleId :
DBXV3DL

Tgt Ion:178 Resp: 5881
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 19.4 15.7 23.5

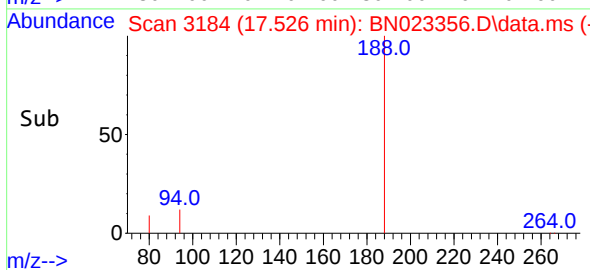
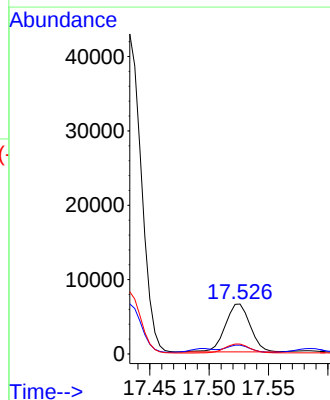
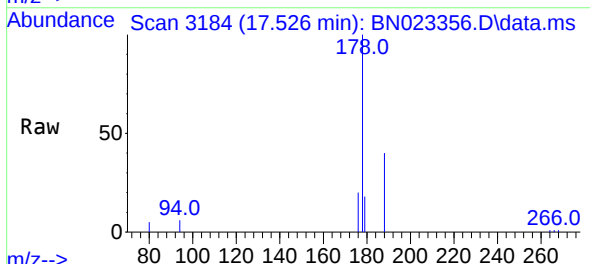
Manual Integrations
APPROVED

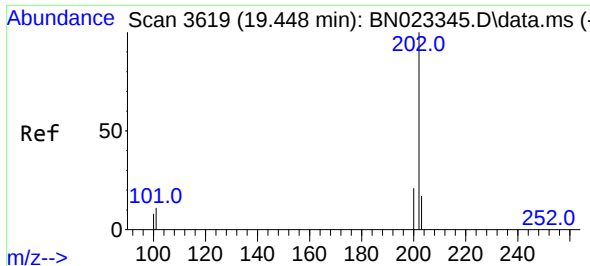
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#16
Anthracene
Concen: 0.103 ng/u1
RT: 17.526 min Scan# 3184
Delta R.T. 0.000 min
Lab File: BN023356.D
Acq: 23 Dec 2022 01:31

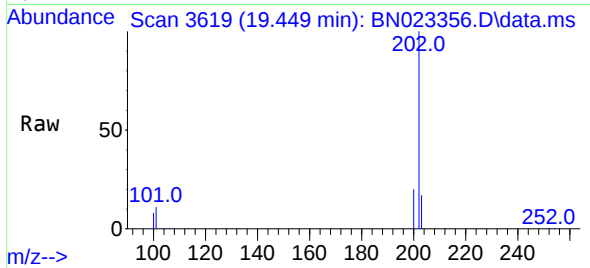
Tgt Ion:178 Resp: 9363
Ion Ratio Lower Upper
178 100
179 17.6 12.6 18.8
176 19.8 15.4 23.0





#19
Fluoranthene
Concen: 1.177 ng/ul
RT: 19.449 min Scan# 3619
Delta R.T. 0.000 min
Lab File: BN023356.D
Acq: 23 Dec 2022 01:31

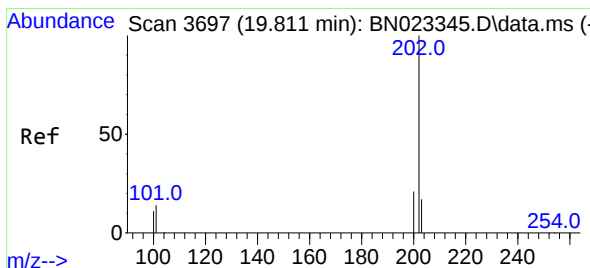
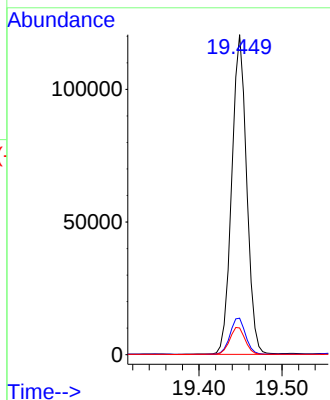
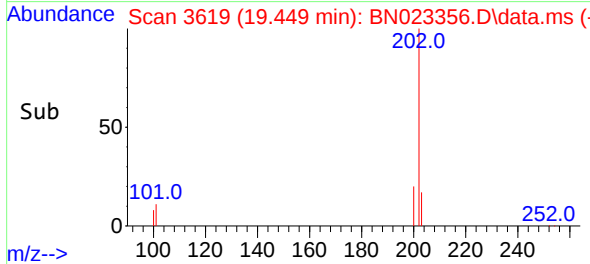
Instrument :
BNA_N
ClientSampleId :
DBXV3DL



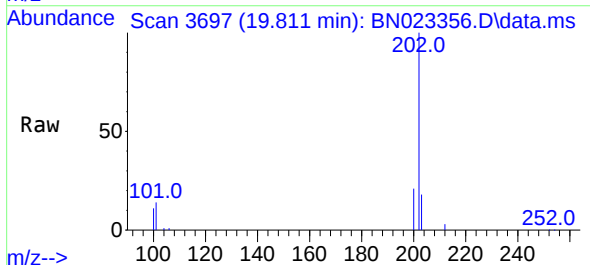
Tgt Ion:202 Resp: 150777
Ion Ratio Lower Upper
202 100
101 11.4 9.4 14.2
100 8.3 7.0 10.6

Manual Integrations
APPROVED

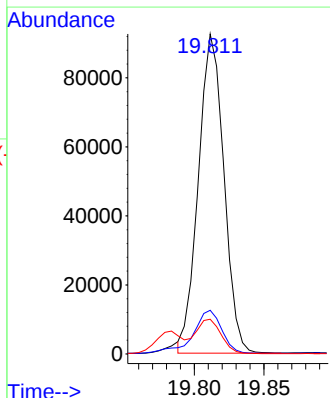
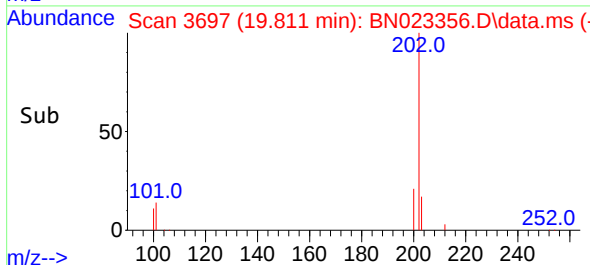
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

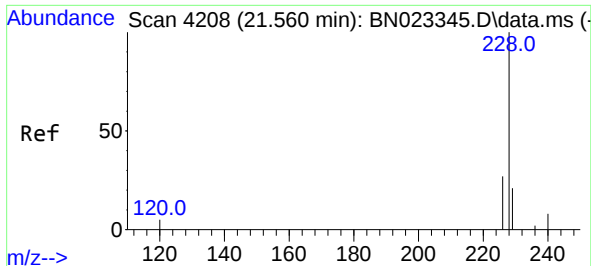


#20
Pyrene
Concen: 0.915 ng/ul m
RT: 19.811 min Scan# 3697
Delta R.T. 0.000 min
Lab File: BN023356.D
Acq: 23 Dec 2022 01:31



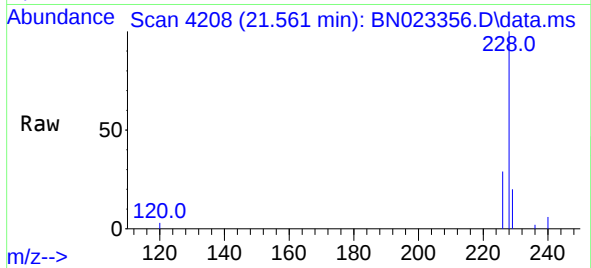
Tgt Ion:202 Resp: 118176
Ion Ratio Lower Upper
202 100
101 13.6 11.3 16.9
100 10.9 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.633 ng/u1
RT: 21.561 min Scan# 4208
Delta R.T. 0.000 min
Lab File: BN023356.D
Acq: 23 Dec 2022 01:31

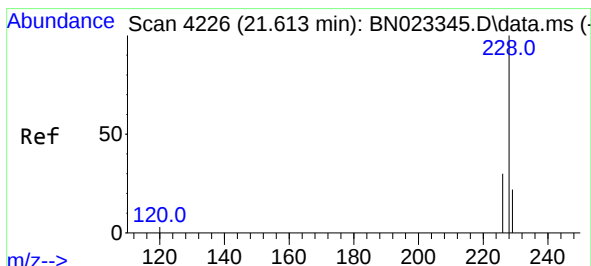
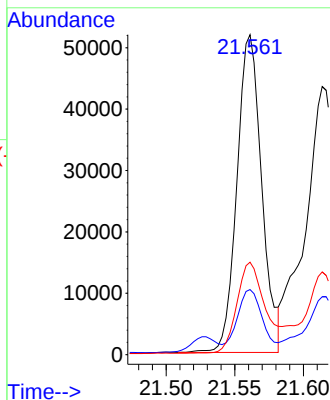
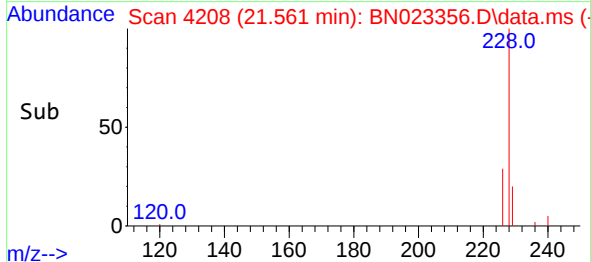
Instrument :
BNA_N
ClientSampleId :
DBXV3DL



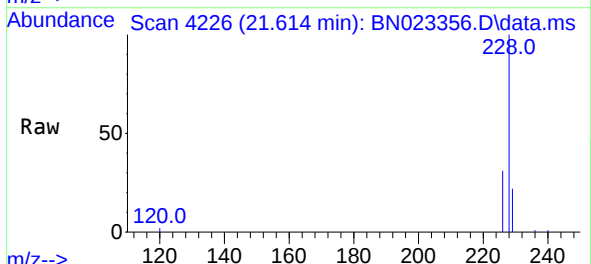
Tgt Ion:228 Resp: 6504
Ion Ratio Lower Upper
228 100
229 20.4 15.6 23.4
226 28.9 22.2 33.2

Manual Integrations
APPROVED

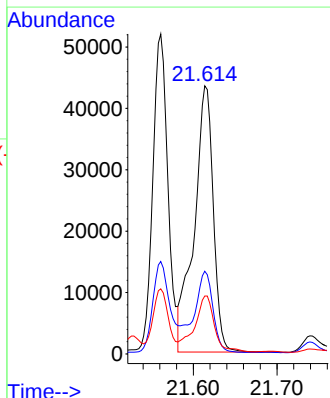
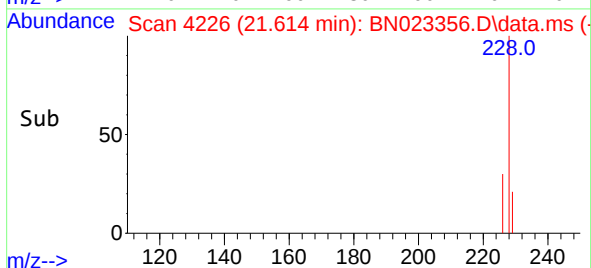
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

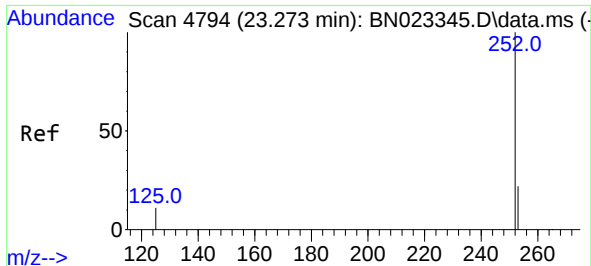


#22
Chrysene
Concen: 0.659 ng/u1
RT: 21.614 min Scan# 4226
Delta R.T. -0.003 min
Lab File: BN023356.D
Acq: 23 Dec 2022 01:31



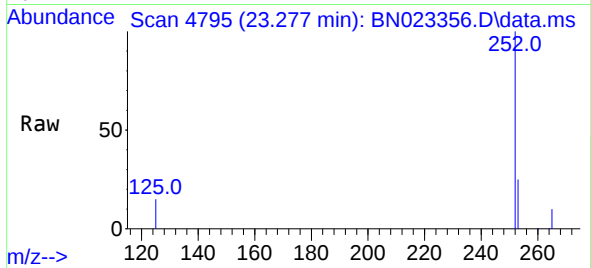
Tgt Ion:228 Resp: 68936
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 21.6 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.888 ng/ul m
RT: 23.277 min Scan# 4795
Delta R.T. 0.003 min
Lab File: BN023356.D
Acq: 23 Dec 2022 01:31

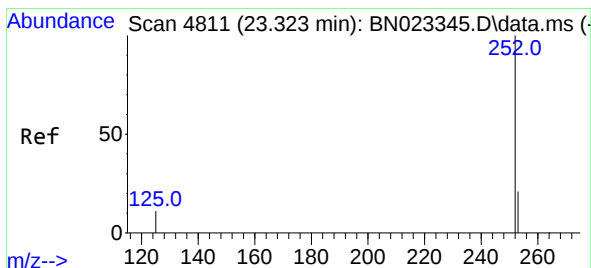
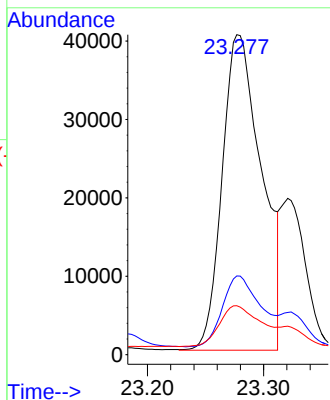
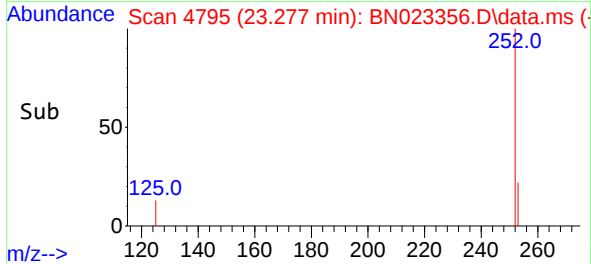
Instrument :
BNA_N
ClientSampleId :
DBXV3DL



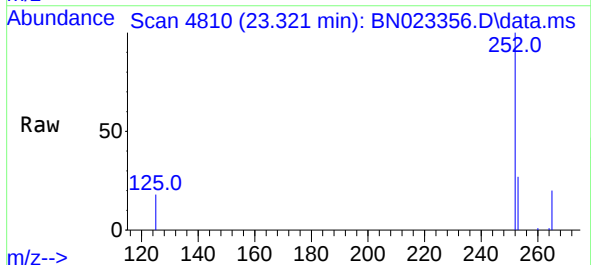
Tgt Ion:252 Resp: 9486
Ion Ratio Lower Upper
252 100
253 24.6 0.0 49.2
125 15.3 0.0 31.8

Manual Integrations
APPROVED

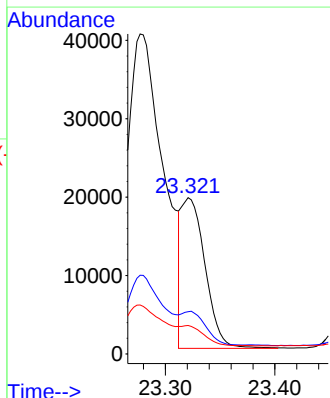
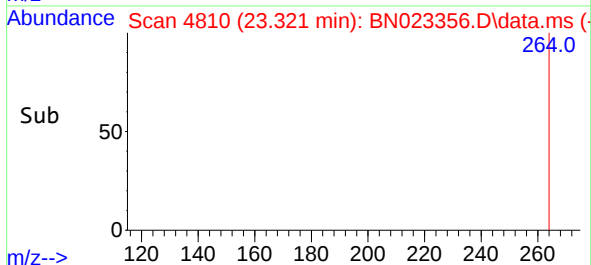
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

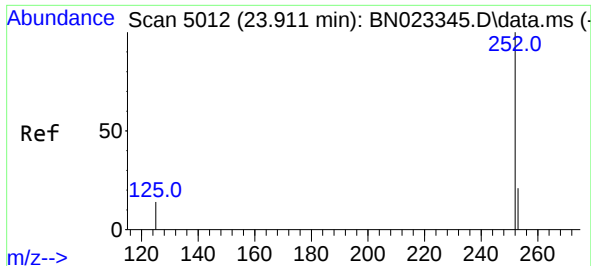


#25
Benzo(k)fluoranthene
Concen: 0.288 ng/ul m
RT: 23.321 min Scan# 4810
Delta R.T. -0.003 min
Lab File: BN023356.D
Acq: 23 Dec 2022 01:31



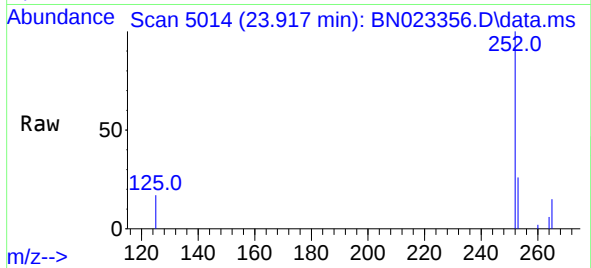
Tgt Ion:252 Resp: 28865
Ion Ratio Lower Upper
252 100
253 27.1 19.8 29.6
125 18.2 12.6 18.8





#26
Benzo(a)pyrene
Concen: 0.621 ng/u1
RT: 23.917 min Scan# 5014
Delta R.T. 0.003 min
Lab File: BN023356.D
Acq: 23 Dec 2022 01:31

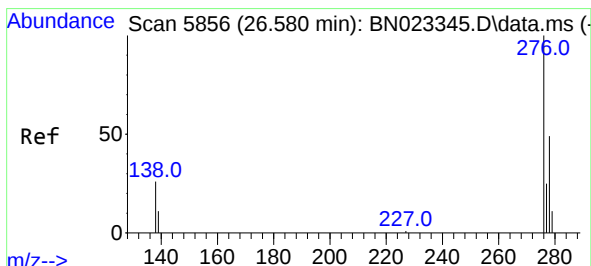
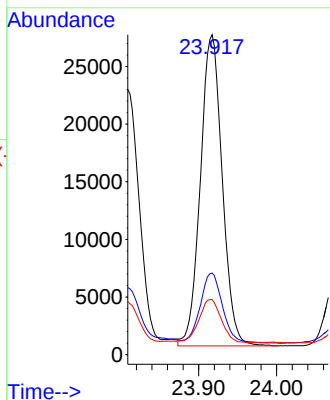
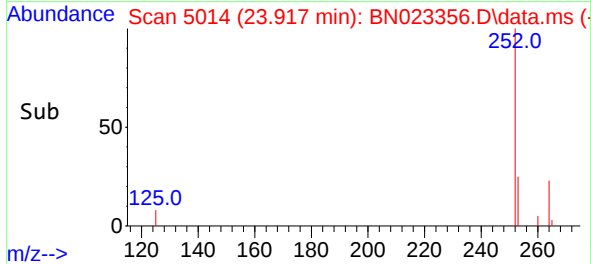
Instrument :
BNA_N
ClientSampleId :
DBXV3DL



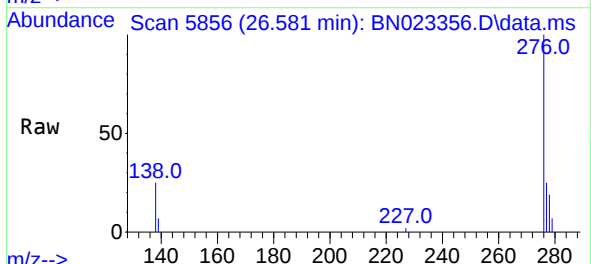
Tgt Ion:252 Resp: 52540
Ion Ratio Lower Upper
252 100
253 25.5 21.4 32.2
125 17.2 16.2 24.4

Manual Integrations
APPROVED

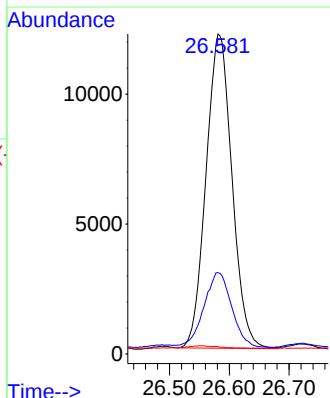
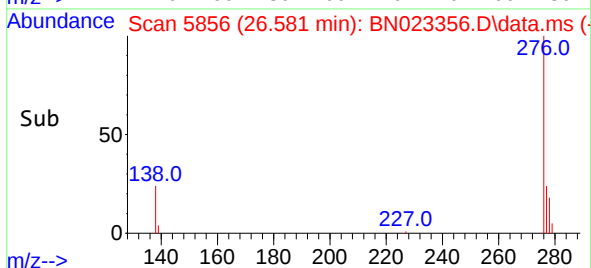
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

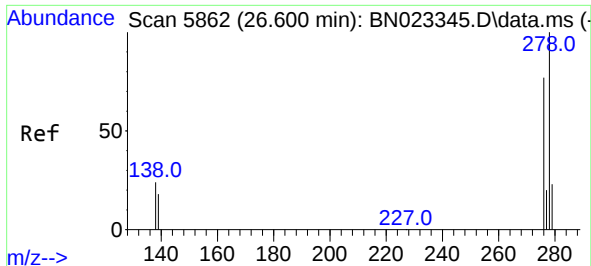


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.369 ng/u1
RT: 26.581 min Scan# 5856
Delta R.T. 0.003 min
Lab File: BN023356.D
Acq: 23 Dec 2022 01:31



Tgt Ion:276 Resp: 36456
Ion Ratio Lower Upper
276 100
138 25.4 23.4 35.2
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.116 ng/ul

RT: 26.591 min Scan# 5859

Delta R.T. -0.010 min

Lab File: BN023356.D

Acq: 23 Dec 2022 01:31

Instrument :

BNA_N

ClientSampleId :

DBXV3DL

Tgt Ion:278 Resp: 885

Ion Ratio Lower Upper

278 100

139 35.7 16.6 24.8

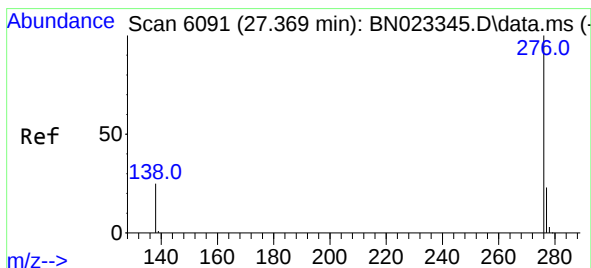
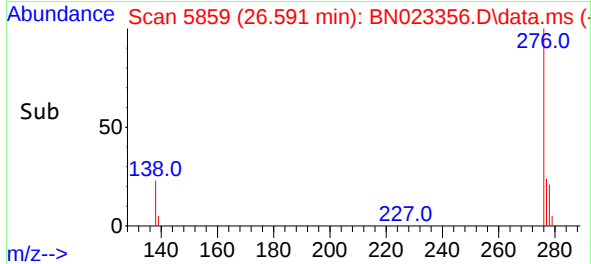
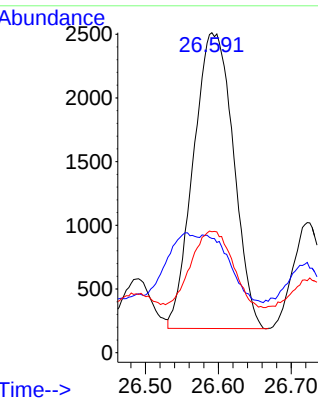
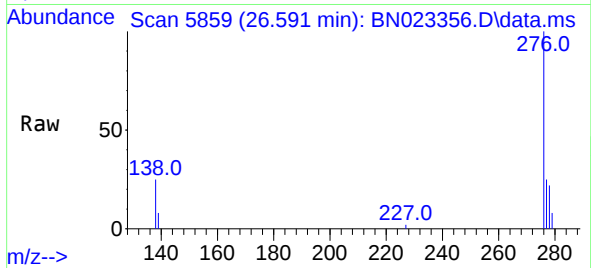
279 37.8 21.3 31.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2022

Supervised By :mohammad ahmed 12/23/2022



#29

Benzo(g,h,i)perylene

Concen: 0.371 ng/ul

RT: 27.376 min Scan# 6093

Delta R.T. 0.007 min

Lab File: BN023356.D

Acq: 23 Dec 2022 01:31

Tgt Ion:276 Resp: 29830

Ion Ratio Lower Upper

276 100

138 26.4 20.3 30.5

277 24.8 19.7 29.5

