

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052022\
 Data File : BN019896.D
 Acq On : 21 May 2022 08:00
 Operator : CG/JU
 Sample : N2843-03MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW4H4MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022

Quant Time: May 26 05:22:21 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 01:41:05 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	4532	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	15075	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.475	164	9037	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.214	188	18382	0.400	ng/ul	0.00
17) Chrysene-d12	21.403	240	13952	0.400	ng/ul	# 0.00
23) Perylene-d12	23.748	264	11549	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	852	0.159	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	3189	0.140	ng/ul	0.00
18) Fluoranthene-d10	19.244	212	8410	0.190	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.353	88	4957	0.870	ng/ul#	81
5) Naphthalene	10.689	128	22221	0.455	ng/ul	100
7) 2-Methylnaphthalene	12.300	142	20955	0.705	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	18309	0.665	ng/ul#	100
10) Acenaphthylene	14.193	152	19931	0.446	ng/ul	97
11) Acenaphthene	14.535	153	18716	0.521	ng/ul	98
12) Fluorene	15.520	166	17259	0.438	ng/ul	98
14) Pentachlorophenol	16.872	266	530	0.134	ng/ul	88
15) Phenanthrene	17.256	178	194052	2.870	ng/ul	99
16) Anthracene	17.345	178	56479	1.024	ng/ul	100
19) Fluoranthene	19.272	202	426710	6.682	ng/ul	99
20) Pyrene	19.635	202	386456	6.063	ng/ul	99
21) Benzo(a)anthracene	21.386	228	207739	3.984	ng/ul	97
22) Chrysene	21.441	228	209064	3.402	ng/ul	97
24) Benzo(b)fluoranthene	23.040	252	274197m	4.679	ng/ul	
25) Benzo(k)fluoranthene	23.081	252	104565m	1.852	ng/ul	
26) Benzo(a)pyrene	23.642	252	206091	4.129	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.159	276	156580	2.515	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.169	278	42380	0.814	ng/ul#	77
29) Benzo(g,h,i)perylene	26.900	276	117485	2.064	ng/ul	96

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

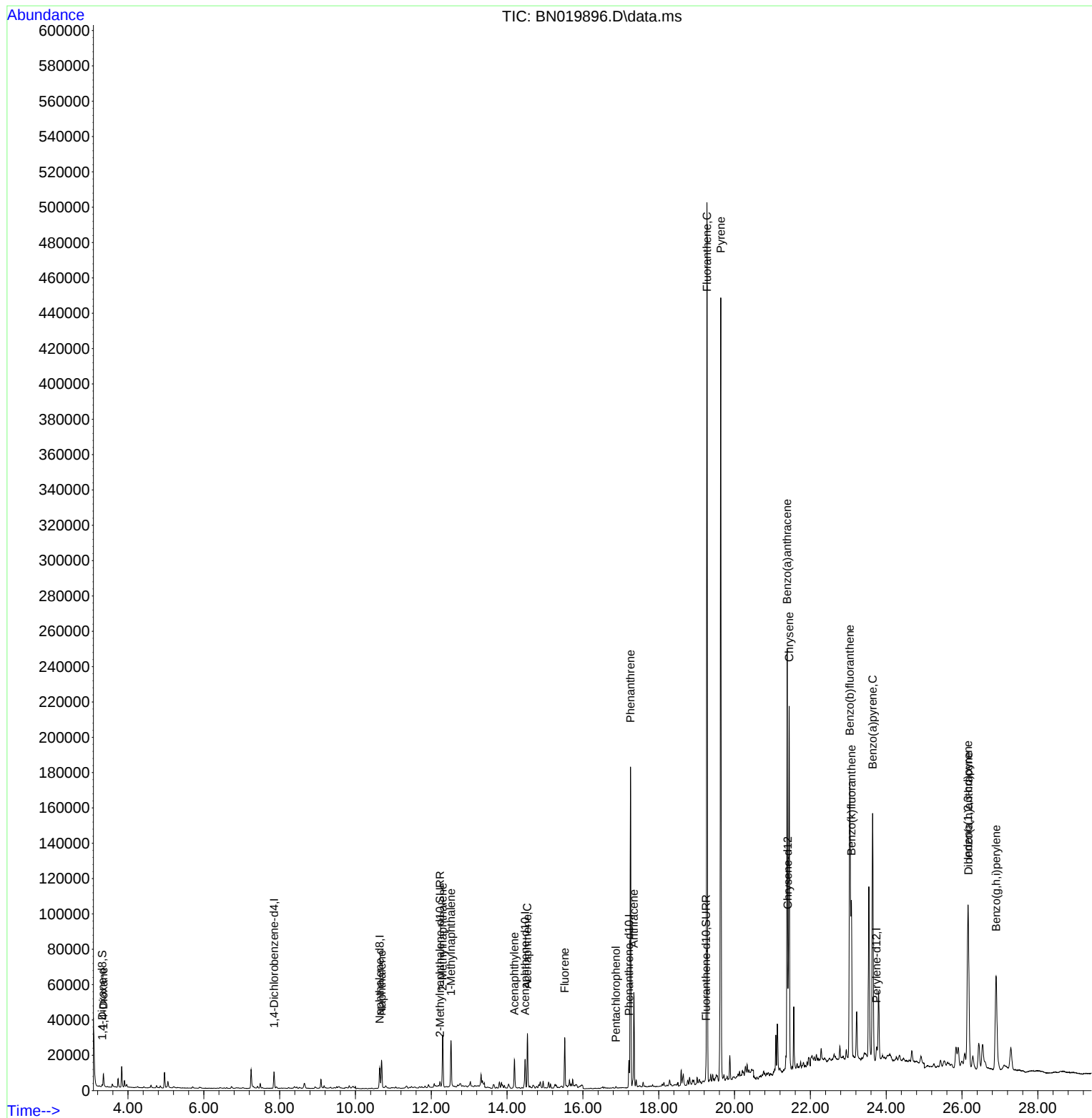
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052022\
Data File : BN019896.D
Acq On : 21 May 2022 08:00
Operator : CG/JU
Sample : N2843-03MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

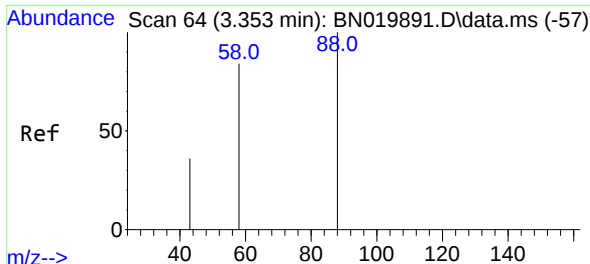
Instrument :
BNA_N
ClientSampleId :
EW4H4MS

Quant Time: May 26 05:22:21 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 01:41:05 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

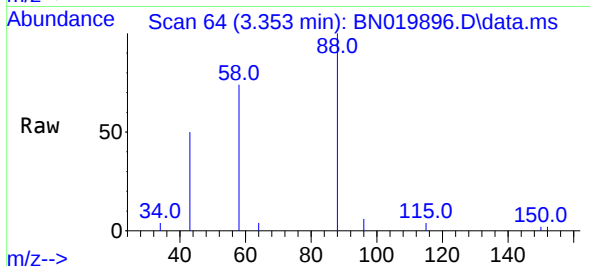
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022





#2
1,4-Dioxane
Concen: 0.870 ng/ul
RT: 3.353 min Scan# 64
Delta R.T. -0.004 min
Lab File: BN019896.D
Acq: 21 May 2022 08:00

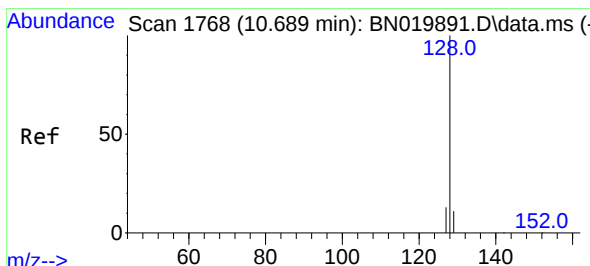
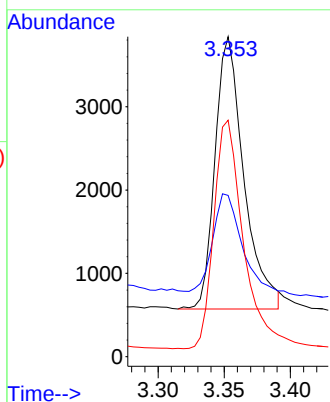
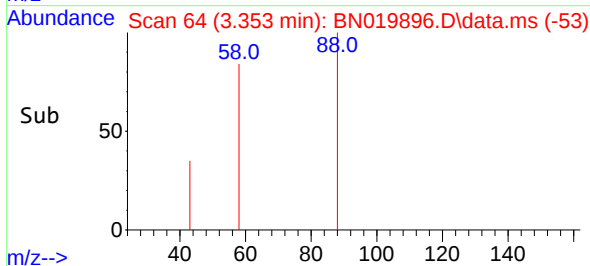
Instrument :
BNA_N
ClientSampleId :
EW4H4MS



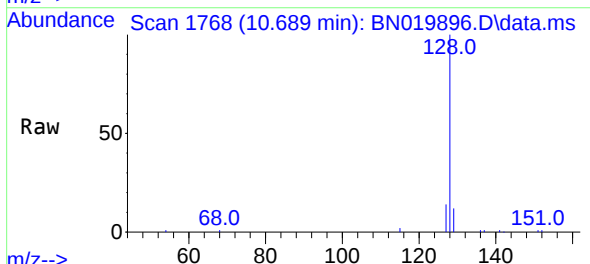
Tgt Ion: 88 Resp: 495
Ion Ratio Lower Upper
88 100
43 50.4 39.0 58.4
58 73.9 39.8 59.8

Manual Integrations
APPROVED

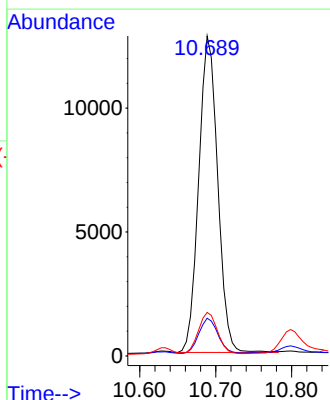
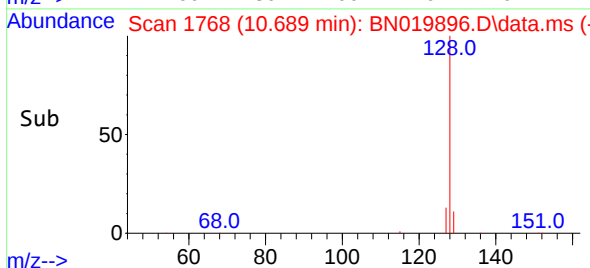
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022

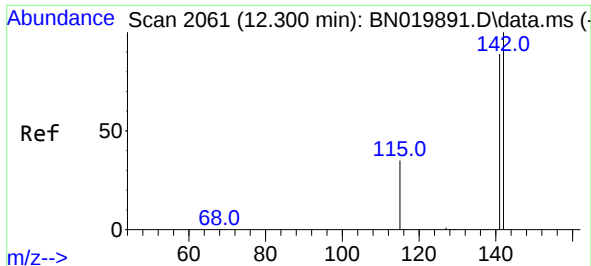


#5
Naphthalene
Concen: 0.455 ng/ul
RT: 10.689 min Scan# 1768
Delta R.T. -0.006 min
Lab File: BN019896.D
Acq: 21 May 2022 08:00



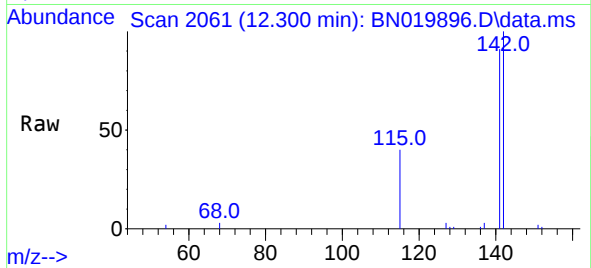
Tgt Ion:128 Resp: 22221
Ion Ratio Lower Upper
128 100
129 11.8 9.5 14.3
127 13.6 11.0 16.4





#7
2-Methylnaphthalene
Concen: 0.705 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BN019896.D
Acq: 21 May 2022 08:00

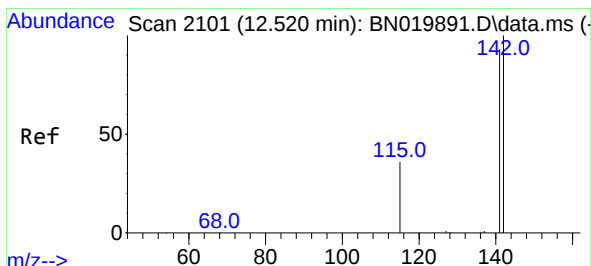
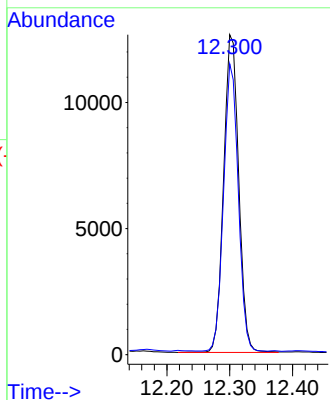
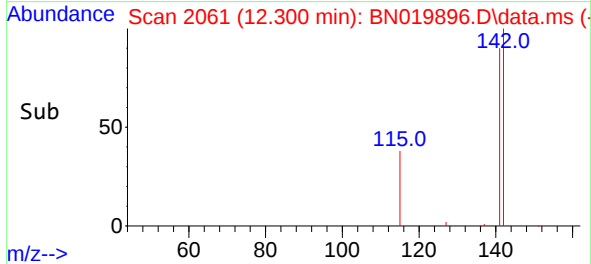
Instrument :
BNA_N
ClientSampleId :
EW4H4MS



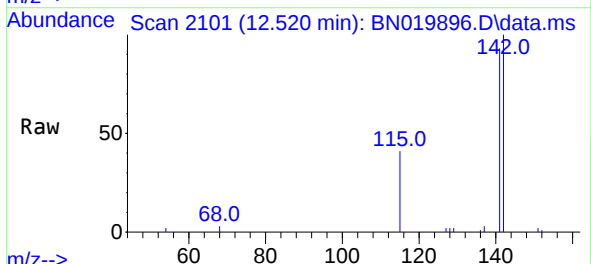
Tgt Ion:142 Resp: 2095
Ion Ratio Lower Upper
142 100
141 88.0 0.0 0.0

Manual Integrations
APPROVED

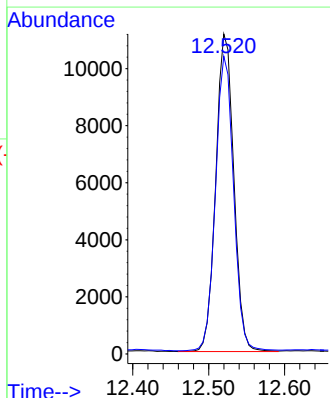
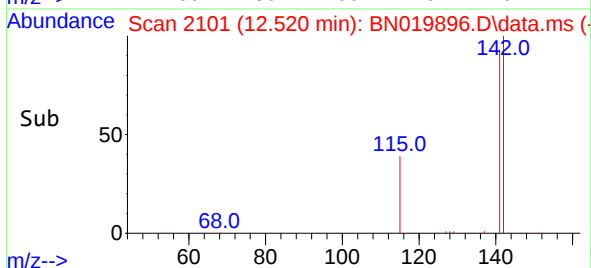
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022

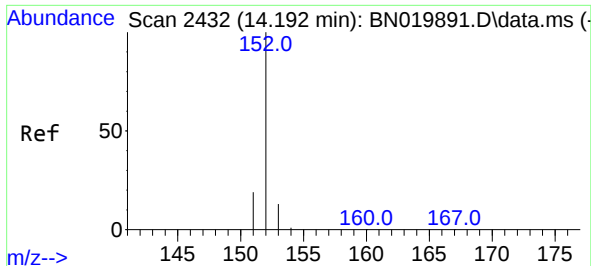


#8
1-Methylnaphthalene
Concen: 0.665 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BN019896.D
Acq: 21 May 2022 08:00



Tgt Ion:142 Resp: 18309
Ion Ratio Lower Upper
142 100
141 93.1 0.0 0.0





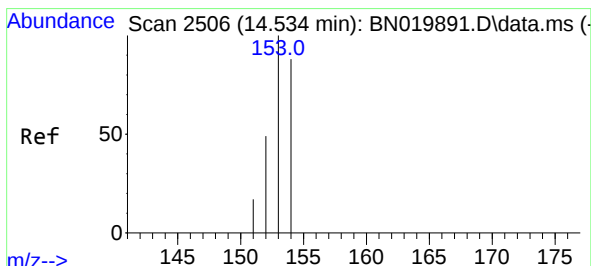
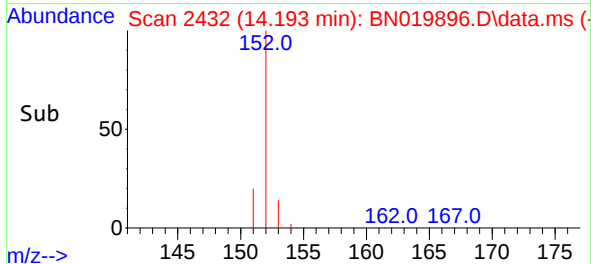
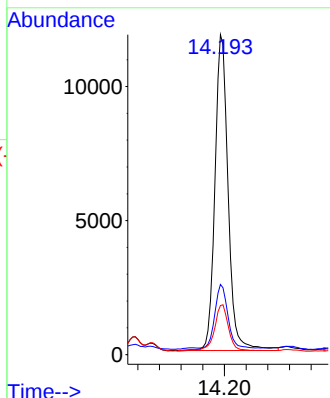
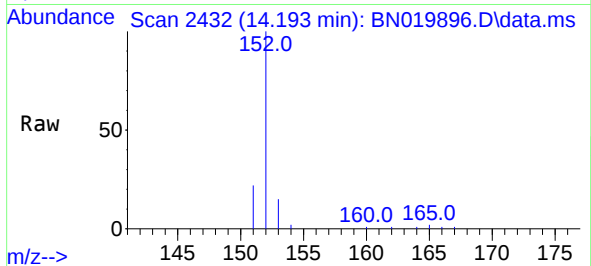
#10
Acenaphthylene
Concen: 0.446 ng/ul
RT: 14.193 min Scan# 2432
Delta R.T. -0.004 min
Lab File: BN019896.D
Acq: 21 May 2022 08:00

Instrument :
BNA_N
ClientSampleId :
EW4H4MS

Tgt Ion:152 Resp: 1993
Ion Ratio Lower Upper
152 100
151 22.0 16.3 24.5
153 15.3 11.1 16.7

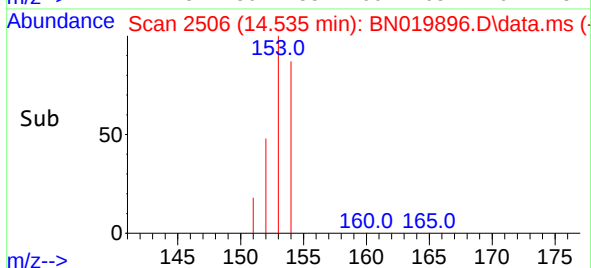
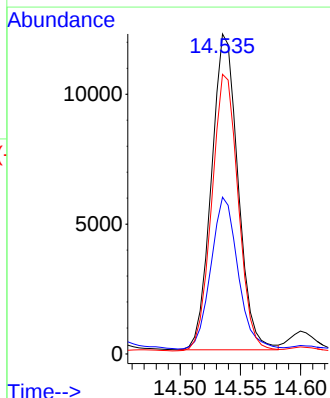
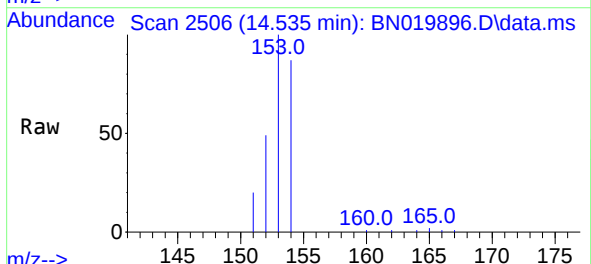
Manual Integrations
APPROVED

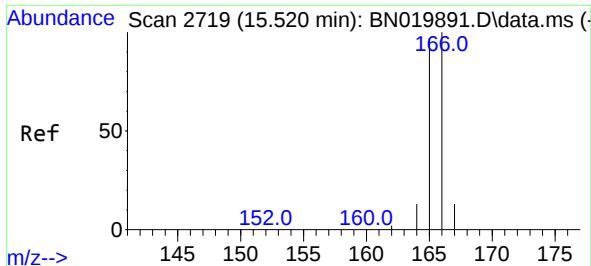
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022



#11
Acenaphthene
Concen: 0.521 ng/ul
RT: 14.535 min Scan# 2506
Delta R.T. -0.004 min
Lab File: BN019896.D
Acq: 21 May 2022 08:00

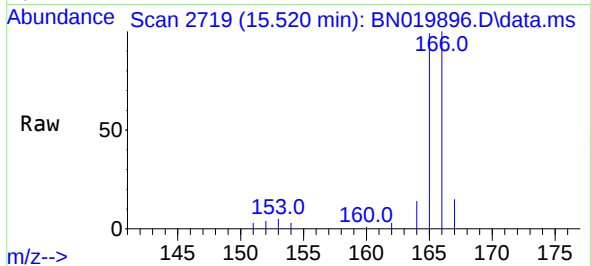
Tgt Ion:153 Resp: 18716
Ion Ratio Lower Upper
153 100
152 49.0 38.6 57.8
154 87.4 71.2 106.8





#12
Fluorene
Concen: 0.438 ng/ul
RT: 15.520 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019896.D
Acq: 21 May 2022 08:00

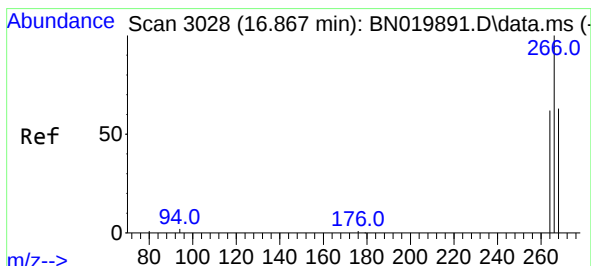
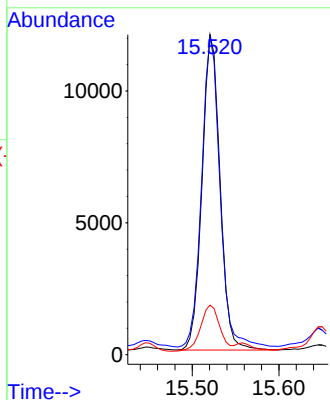
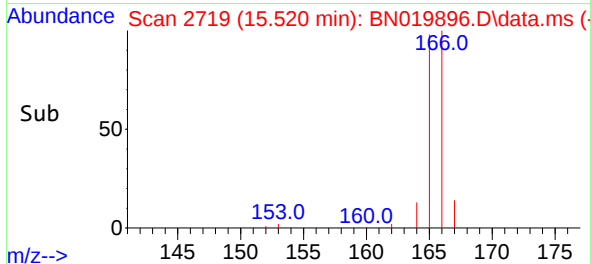
Instrument :
BNA_N
ClientSampleId :
EW4H4MS



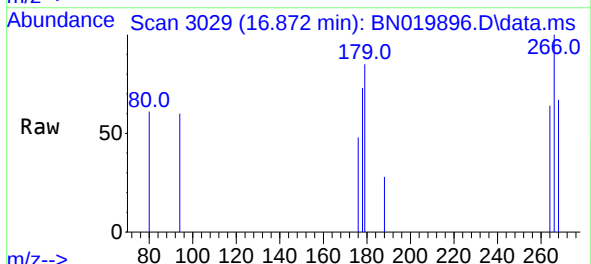
Tgt Ion:166 Resp: 1725
Ion Ratio Lower Upper
166 100
165 99.3 78.2 117.2
167 15.5 11.3 16.9

Manual Integrations
APPROVED

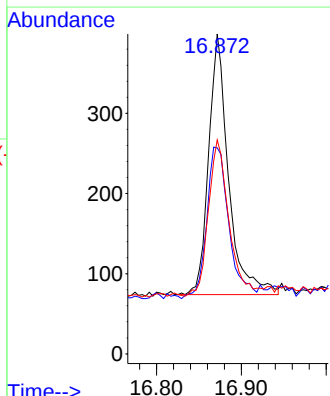
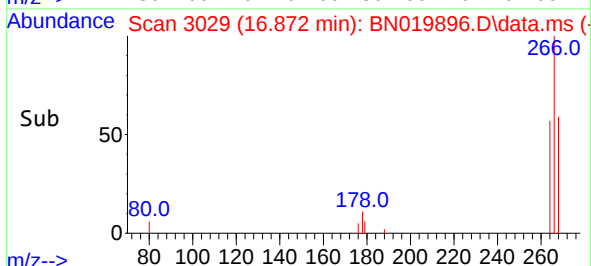
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022

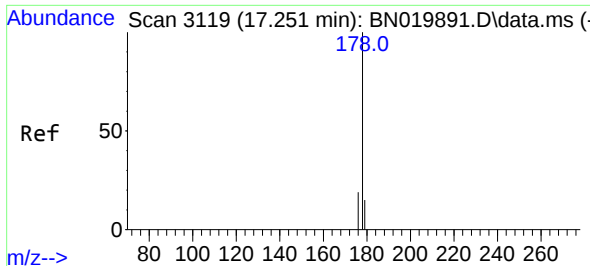


#14
Pentachlorophenol
Concen: 0.134 ng/ul
RT: 16.872 min Scan# 3029
Delta R.T. 0.005 min
Lab File: BN019896.D
Acq: 21 May 2022 08:00



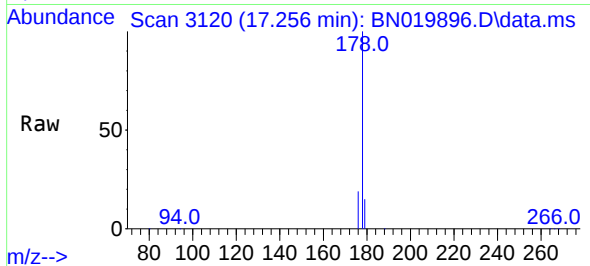
Tgt Ion:266 Resp: 530
Ion Ratio Lower Upper
266 100
264 65.1 44.9 67.3
268 64.0 44.6 67.0





#15
Phenanthrene
Concen: 2.870 ng/ul
RT: 17.256 min Scan# 3119
Delta R.T. 0.001 min
Lab File: BN019896.D
Acq: 21 May 2022 08:00

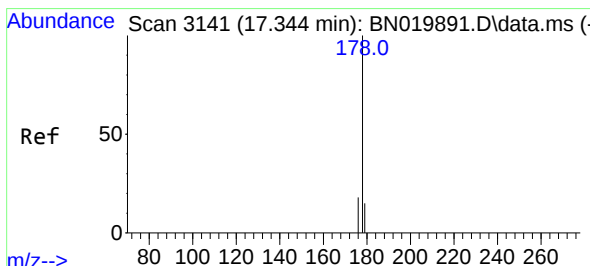
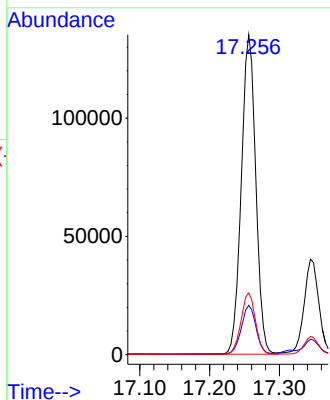
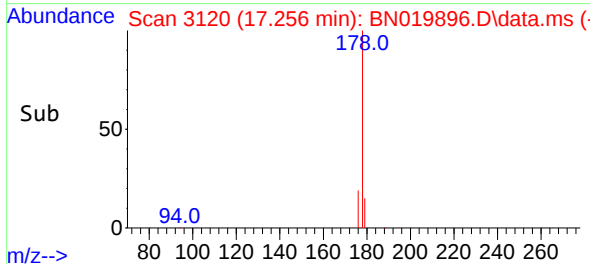
Instrument :
BNA_N
ClientSampleId :
EW4H4MS



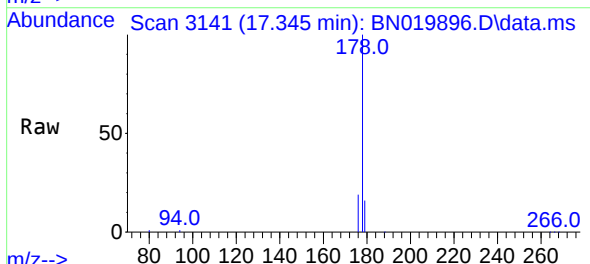
Tgt Ion:178 Resp: 194052
Ion Ratio Lower Upper
178 100
179 15.5 12.9 19.3
176 19.3 15.5 23.3

Manual Integrations
APPROVED

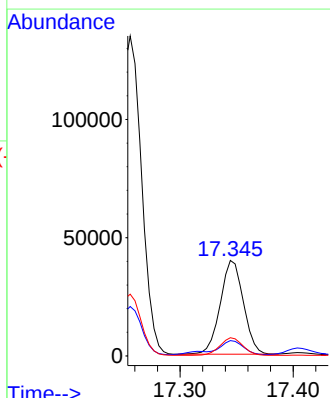
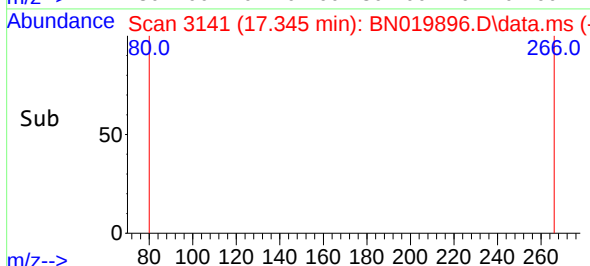
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022

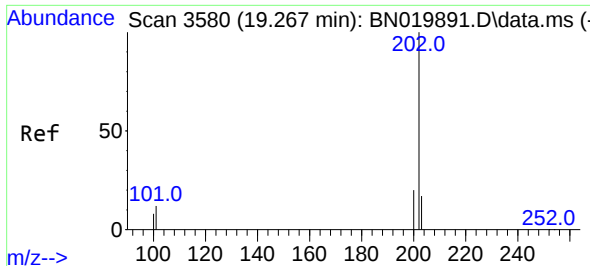


#16
Anthracene
Concen: 1.024 ng/ul
RT: 17.345 min Scan# 3141
Delta R.T. -0.003 min
Lab File: BN019896.D
Acq: 21 May 2022 08:00



Tgt Ion:178 Resp: 56479
Ion Ratio Lower Upper
178 100
179 16.0 13.1 19.7
176 19.2 15.3 22.9





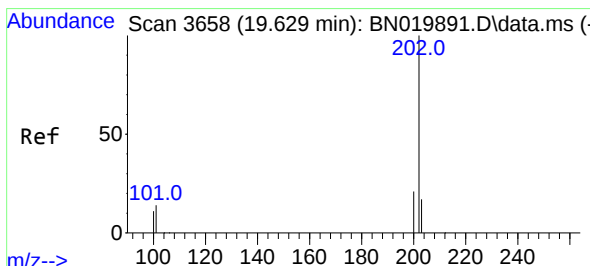
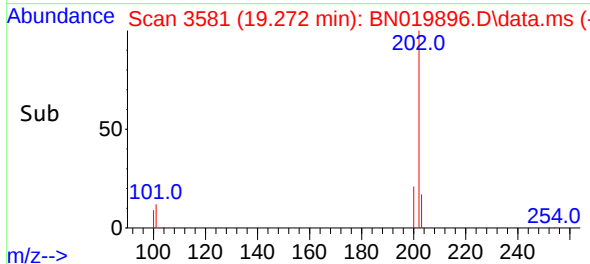
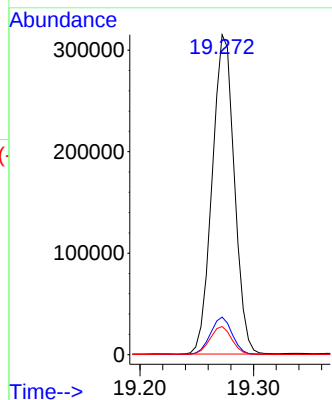
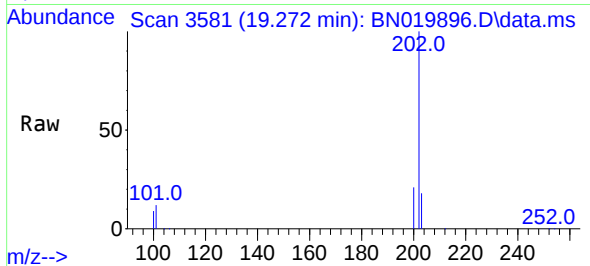
#19
Fluoranthene
Concen: 6.682 ng/u1
RT: 19.272 min Scan# 3581
Delta R.T. 0.001 min
Lab File: BN019896.D
Acq: 21 May 2022 08:00

Instrument :
BNA_N
ClientSampleId :
EW4H4MS

Tgt Ion:202 Resp: 426710
Ion Ratio Lower Upper
202 100
101 11.8 9.7 14.5
100 8.8 7.4 11.2

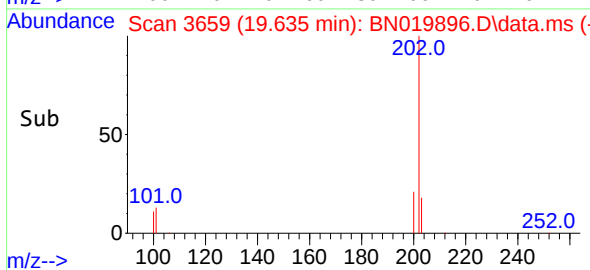
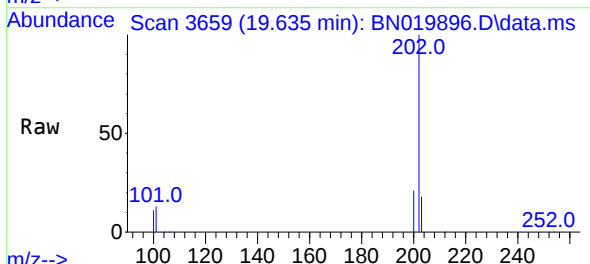
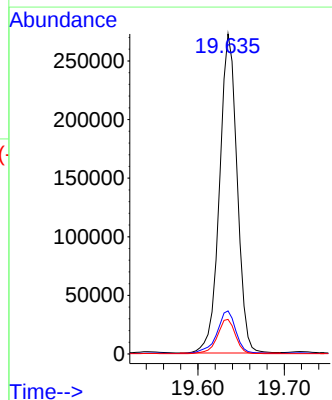
Manual Integrations
APPROVED

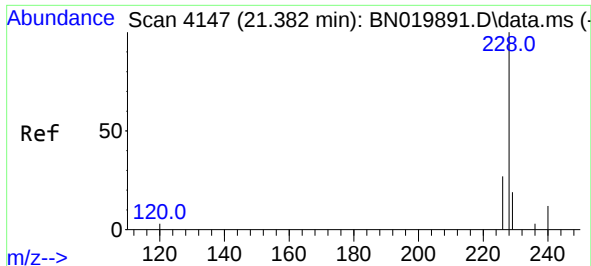
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022



#20
Pyrene
Concen: 6.063 ng/u1
RT: 19.635 min Scan# 3659
Delta R.T. 0.001 min
Lab File: BN019896.D
Acq: 21 May 2022 08:00

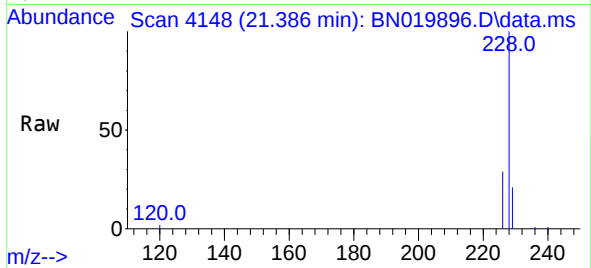
Tgt Ion:202 Resp: 386456
Ion Ratio Lower Upper
202 100
101 13.4 11.4 17.0
100 10.8 9.0 13.4





#21
Benzo(a)anthracene
Concen: 3.984 ng/u1
RT: 21.386 min Scan# 4147
Delta R.T. -0.002 min
Lab File: BN019896.D
Acq: 21 May 2022 08:00

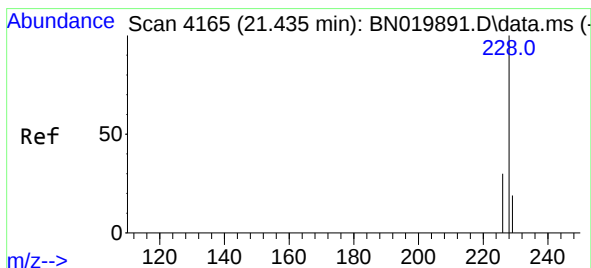
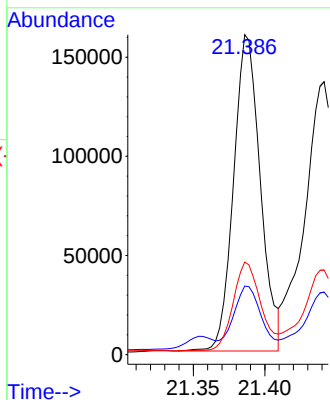
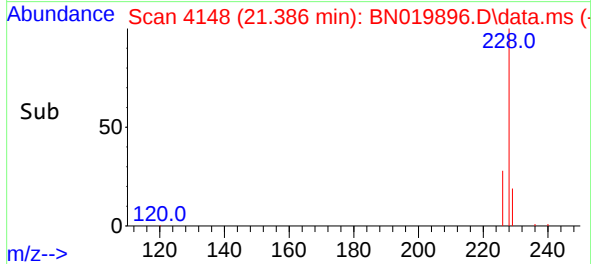
Instrument :
BNA_N
ClientSampleId :
EW4H4MS



Tgt Ion:228 Resp: 207739
Ion Ratio Lower Upper
228 100
229 21.5 16.1 24.1
226 28.9 22.1 33.1

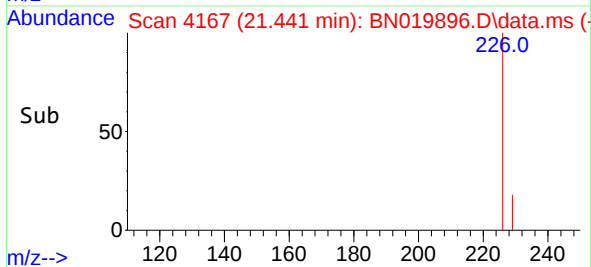
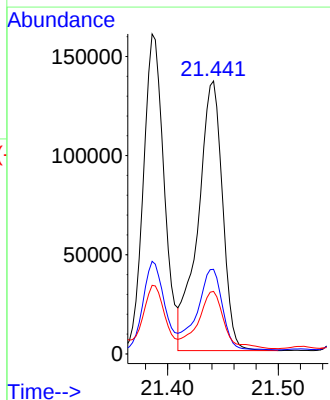
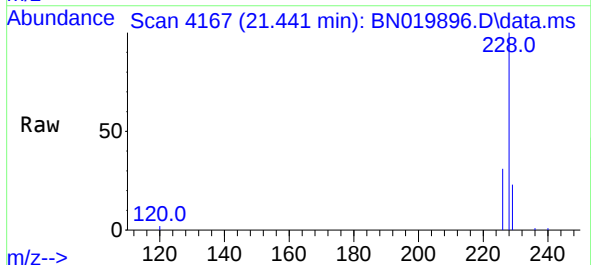
Manual Integrations
APPROVED

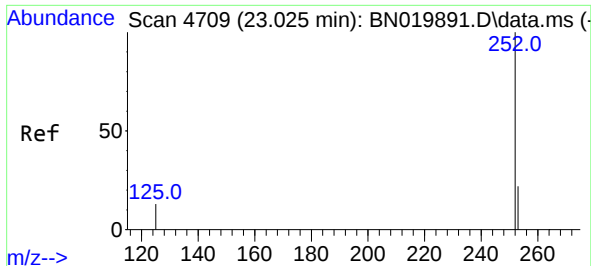
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022



#22
Chrysene
Concen: 3.402 ng/u1
RT: 21.441 min Scan# 4167
Delta R.T. 0.001 min
Lab File: BN019896.D
Acq: 21 May 2022 08:00

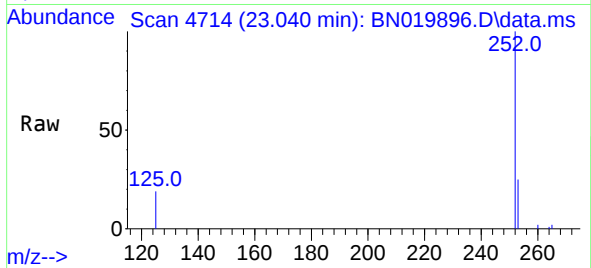
Tgt Ion:228 Resp: 209064
Ion Ratio Lower Upper
228 100
226 31.0 24.2 36.2
229 22.9 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 4.679 ng/ul m
RT: 23.040 min Scan# 4714
Delta R.T. 0.007 min
Lab File: BN019896.D
Acq: 21 May 2022 08:00

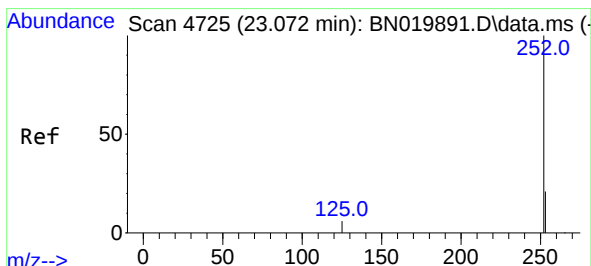
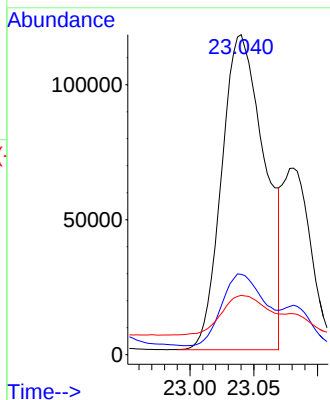
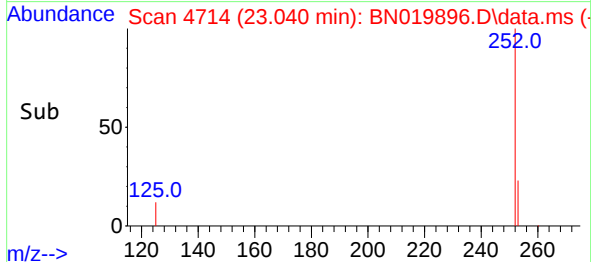
Instrument :
BNA_N
ClientSampleId :
EW4H4MS



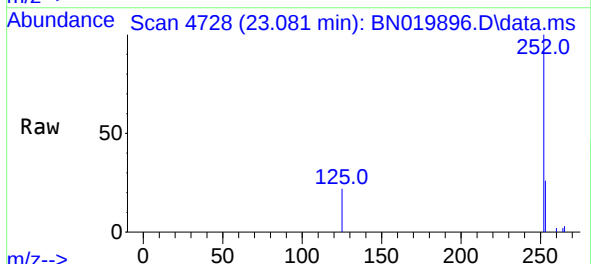
Tgt Ion:252 Resp: 27419
Ion Ratio Lower Upper
252 100
253 25.1 0.0 52.0
125 18.5 0.0 40.2

Manual Integrations
APPROVED

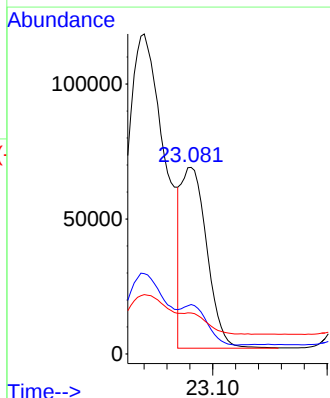
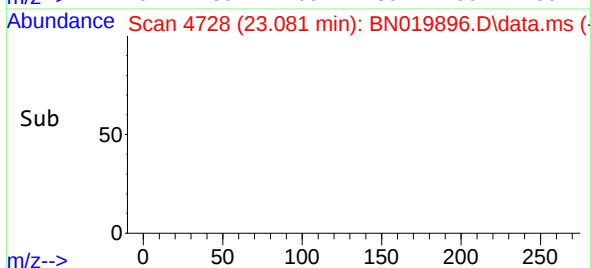
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022

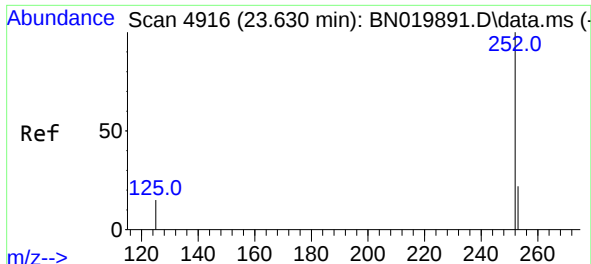


#25
Benzo(k)fluoranthene
Concen: 1.852 ng/ul m
RT: 23.081 min Scan# 4728
Delta R.T. 0.001 min
Lab File: BN019896.D
Acq: 21 May 2022 08:00



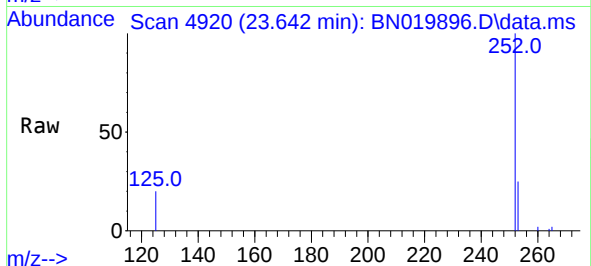
Tgt Ion:252 Resp: 104565
Ion Ratio Lower Upper
252 100
253 26.5 20.2 30.2
125 21.9 11.0 16.6#





#26
Benzo(a)pyrene
Concen: 4.129 ng/ul
RT: 23.642 min Scan# 4916
Delta R.T. 0.004 min
Lab File: BN019896.D
Acq: 21 May 2022 08:00

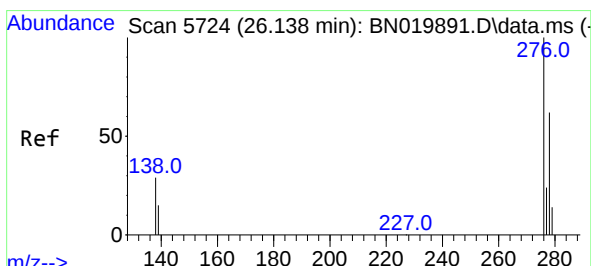
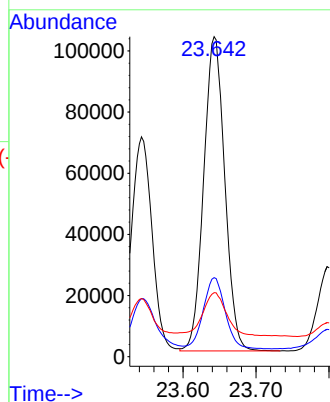
Instrument :
BNA_N
ClientSampleId :
EW4H4MS



Tgt Ion:252 Resp: 20609
Ion Ratio Lower Upper
252 100
253 24.7 23.4 35.0
125 20.0 28.3 42.5

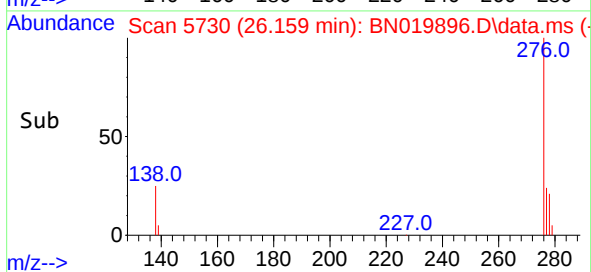
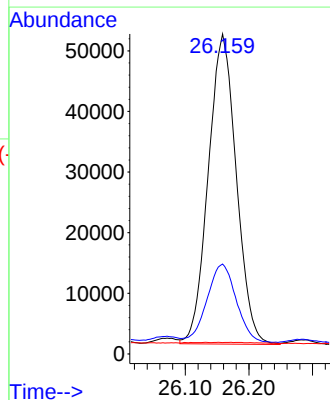
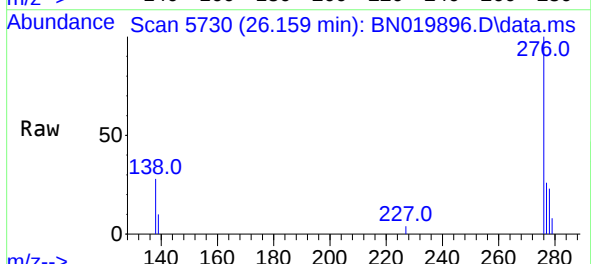
Manual Integrations
APPROVED

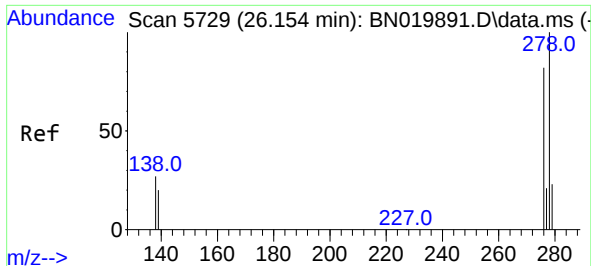
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.515 ng/ul
RT: 26.159 min Scan# 5730
Delta R.T. 0.011 min
Lab File: BN019896.D
Acq: 21 May 2022 08:00

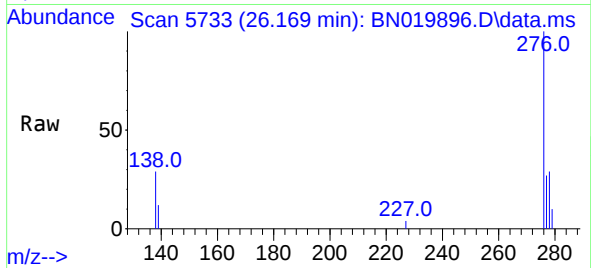
Tgt Ion:276 Resp: 156580
Ion Ratio Lower Upper
276 100
138 26.3 23.6 35.4
227 0.7 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.814 ng/ul
RT: 26.169 min Scan# 51
Delta R.T. 0.004 min
Lab File: BN019896.D
Acq: 21 May 2022 08:00

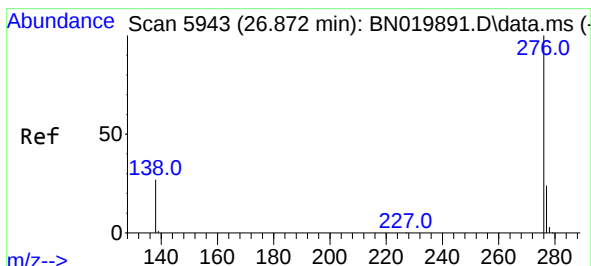
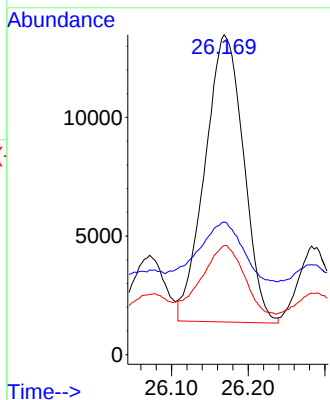
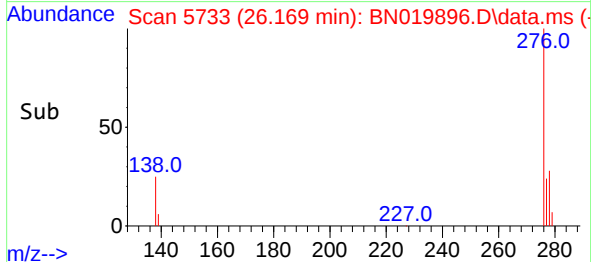
Instrument :
BNA_N
ClientSampleId :
EW4H4MS



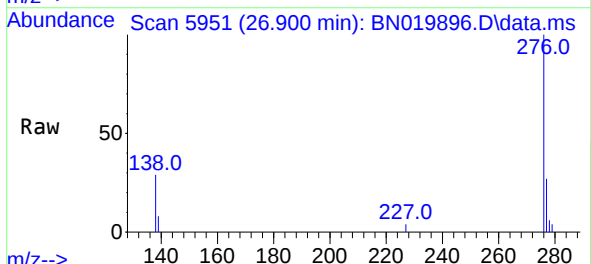
Tgt Ion:278 Resp: 42380
Ion Ratio Lower Upper
278 100
139 41.5 18.6 28.0
279 34.1 35.1 52.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022



#29
Benzo(g,h,i)perylene
Concen: 2.064 ng/ul
RT: 26.900 min Scan# 5951
Delta R.T. 0.021 min
Lab File: BN019896.D
Acq: 21 May 2022 08:00



Tgt Ion:276 Resp: 117485
Ion Ratio Lower Upper
276 100
138 29.1 20.9 31.3
277 26.7 20.4 30.6

