

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121621\
 Data File : BN018108.D
 Acq On : 17 Dec 2021 20:09
 Operator : CG/JU
 Sample : M5037-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C00Y2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2021
 Supervised By :mohammad ahmed 12/24/2021

Quant Time: Dec 18 02:12:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 15 17:47:27 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.653	152	14	0.400	ng/ul	#-0.01
4) Naphthalene-d8	10.508	136	3774m	0.400	ng/ul	0.04
9) Acenaphthene-d10	14.304	164	756	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.053	188	768	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.266	240	655	0.400	ng/ul	# 0.00
23) Perylene-d12	23.496	264	14779m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.135	96	19870	1367.185	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.048	152	6193	1.408	ng/ul	-0.02
18) Fluoranthene-d10	19.091	212	19797	10.603	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.173	88	172	10.076	ng/ul#	43
5) Naphthalene	10.491	128	1050	0.101	ng/ul#	80
7) 2-Methylnaphthalene	12.119	142	259	0.045	ng/ul	94
8) 1-Methylnaphthalene	12.339	142	184	0.027	ng/ul	97
12) Fluorene	15.358	166	110	0.037	ng/ul#	86
15) Phenanthrene	17.095	178	342	0.128	ng/ul#	51
16) Anthracene	17.180	178	89m	0.042	ng/ul	
19) Fluoranthene	19.123	202	185	0.070	ng/ul#	10
21) Benzo(a)anthracene	21.251	228	75	0.038	ng/ul#	1
22) Chrysene	21.304	228	88	0.031	ng/ul#	16

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

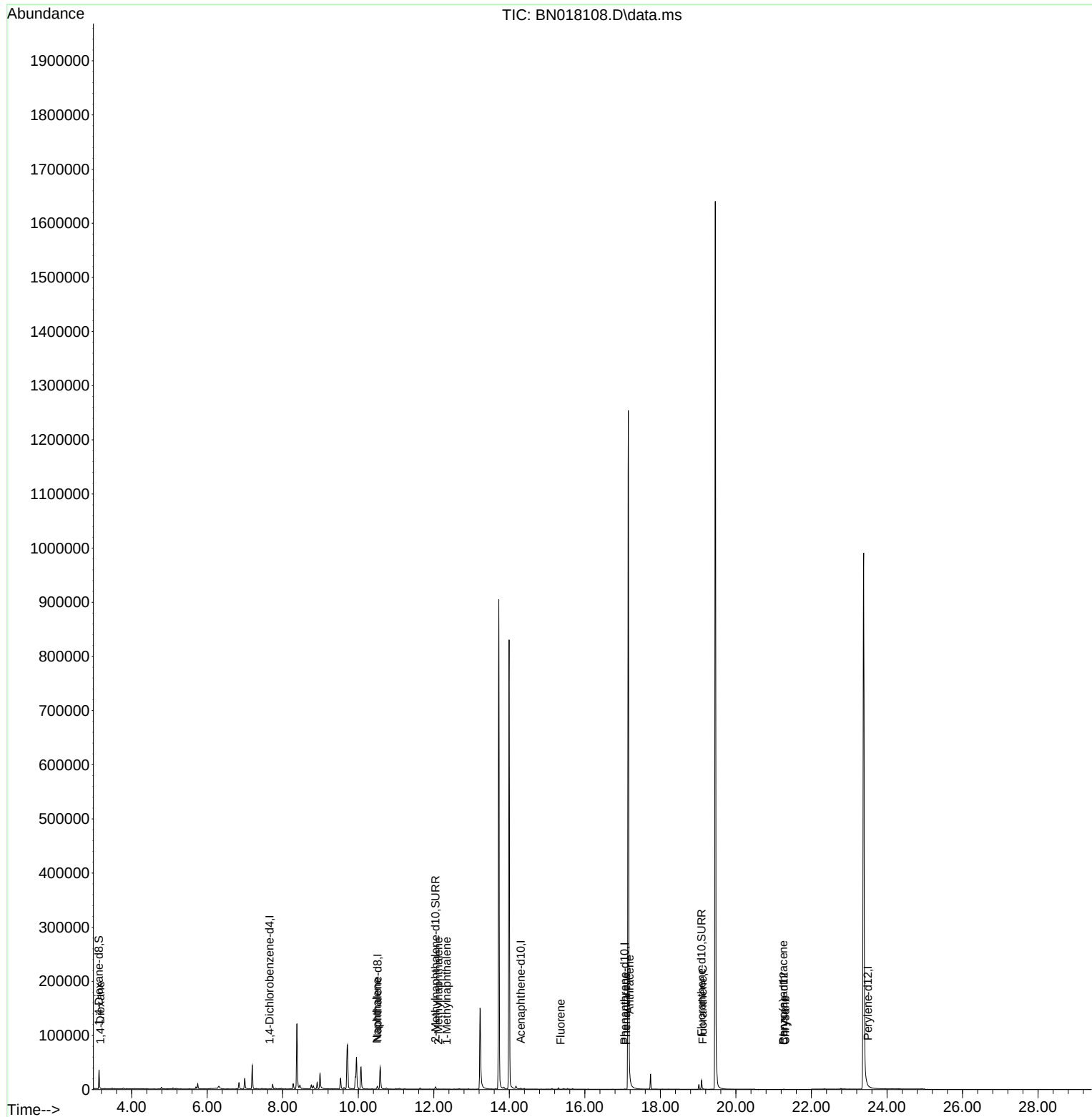
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121621\
Data File : BN018108.D
Acq On : 17 Dec 2021 20:09
Operator : CG/JU
Sample : M5037-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

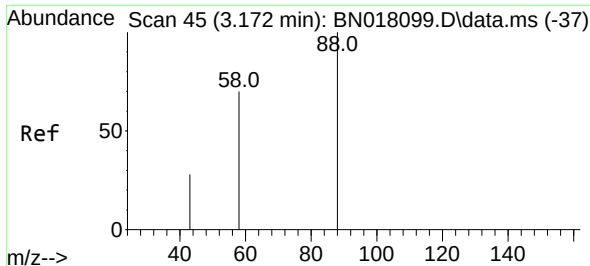
Instrument :
BNA_N
ClientSampleId :
C00Y2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021

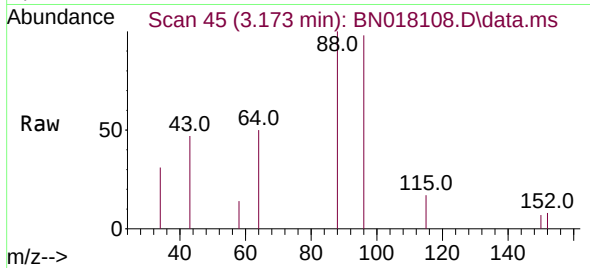
Quant Time: Dec 18 02:12:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 15 17:47:27 2021
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 10.076 ng/ul
RT: 3.173 min Scan# 41
Delta R.T. -0.004 min
Lab File: BN018108.D
Acq: 17 Dec 2021 20:09

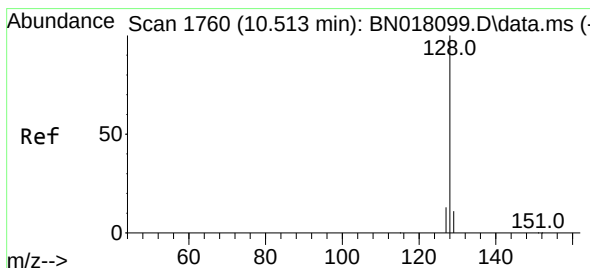
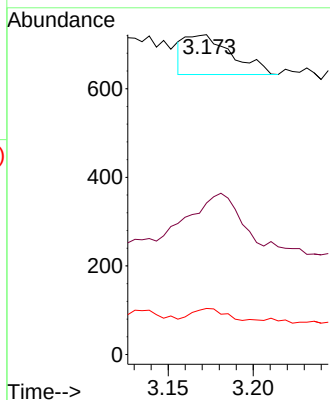
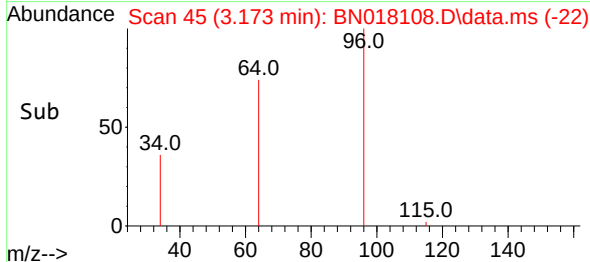
Instrument :
BNA_N
ClientSampleId :
C00Y2



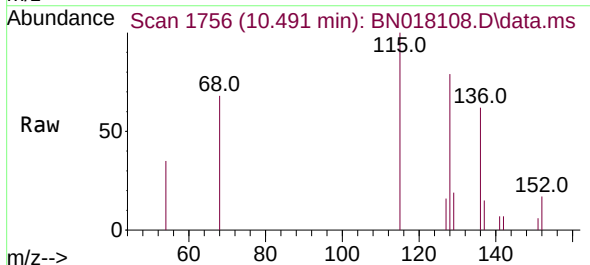
Tgt Ion: 88 Resp: 172
Ion Ratio Lower Upper
88 100
43 47.4 85.8 128.6#
58 14.4 43.4 65.0#

Manual Integrations
APPROVED

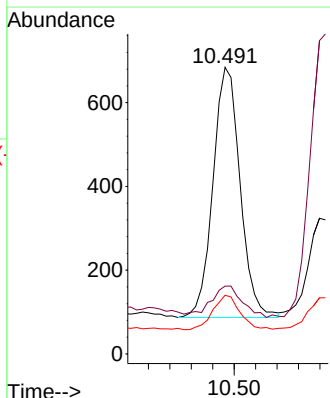
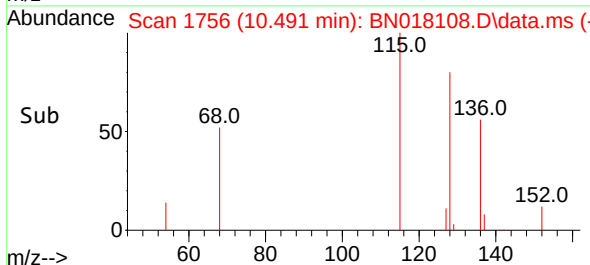
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021

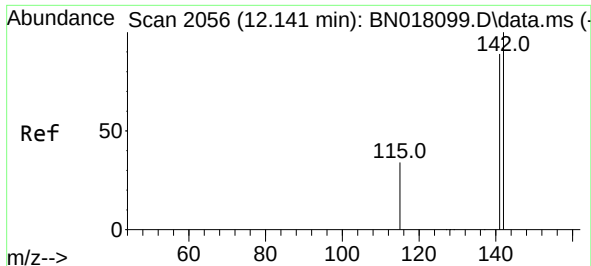


#5
Naphthalene
Concen: 0.101 ng/ul
RT: 10.491 min Scan# 1756
Delta R.T. -0.018 min
Lab File: BN018108.D
Acq: 17 Dec 2021 20:09



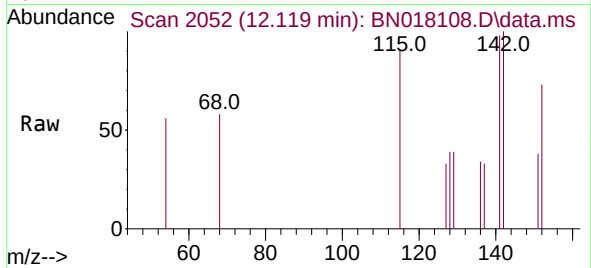
Tgt Ion:128 Resp: 1050
Ion Ratio Lower Upper
128 100
129 23.7 10.4 15.6#
127 20.5 11.8 17.6#





#7
2-Methylnaphthalene
Concen: 0.045 ng/ul
RT: 12.119 min Scan# 2052
Delta R.T. -0.018 min
Lab File: BN018108.D
Acq: 17 Dec 2021 20:09

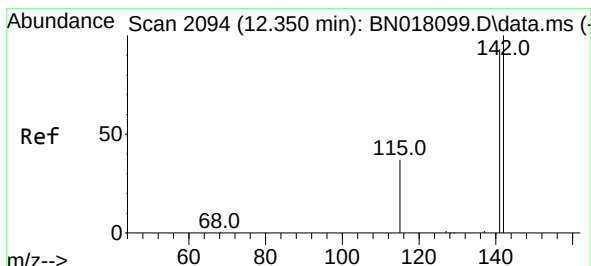
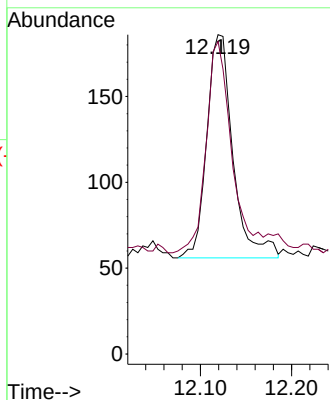
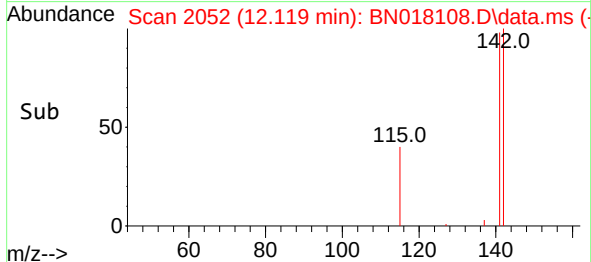
Instrument :
BNA_N
ClientSampleId :
C00Y2



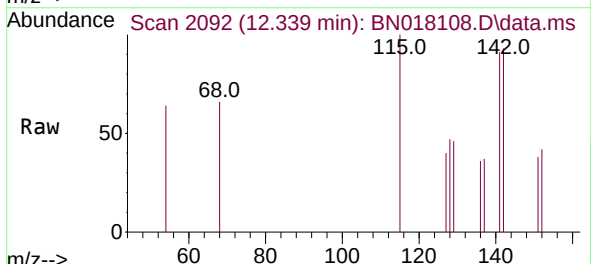
Tgt Ion:142 Resp: 259
Ion Ratio Lower Upper
142 100
141 95.0 71.5 107.3

Manual Integrations
APPROVED

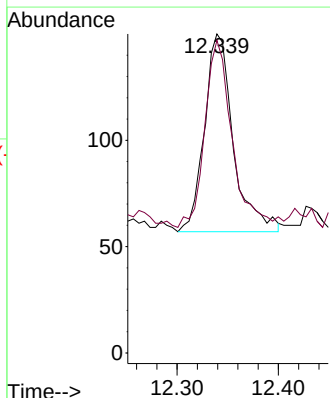
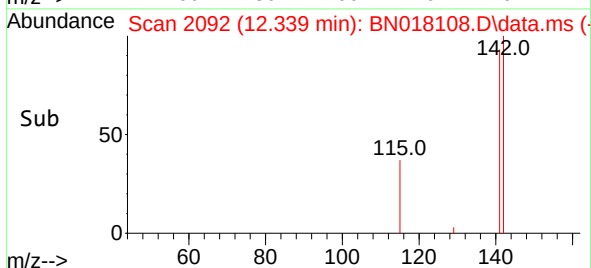
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021

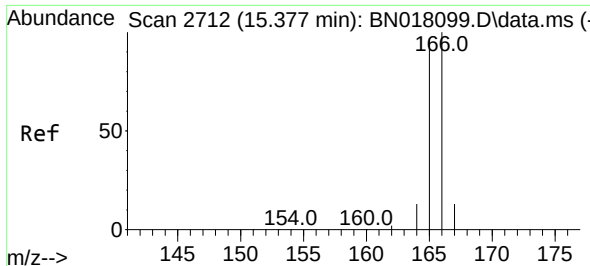


#8
1-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.339 min Scan# 2092
Delta R.T. -0.012 min
Lab File: BN018108.D
Acq: 17 Dec 2021 20:09



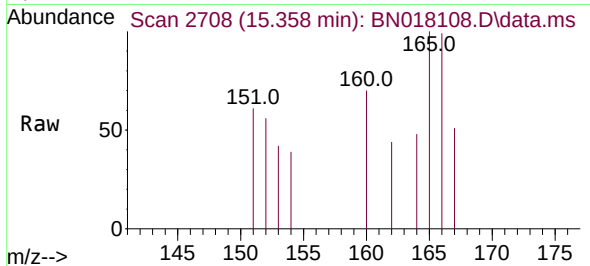
Tgt Ion:142 Resp: 184
Ion Ratio Lower Upper
142 100
141 88.6 73.3 109.9





#12
Fluorene
Concen: 0.037 ng/ul
RT: 15.358 min Scan# 2106
Delta R.T. -0.015 min
Lab File: BN018108.D
Acq: 17 Dec 2021 20:09

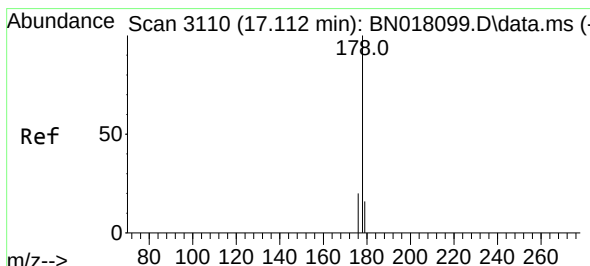
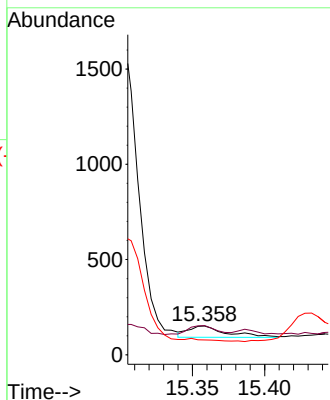
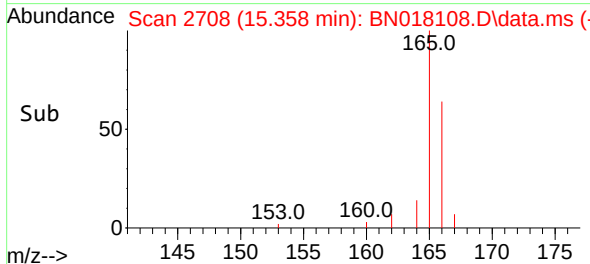
Instrument :
BNA_N
ClientSampleId :
C00Y2



Tgt Ion:166 Resp: 110
Ion Ratio Lower Upper
166 100
165 101.3 79.2 118.8
167 51.7 11.2 16.8

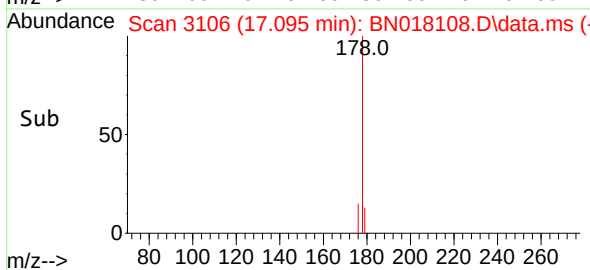
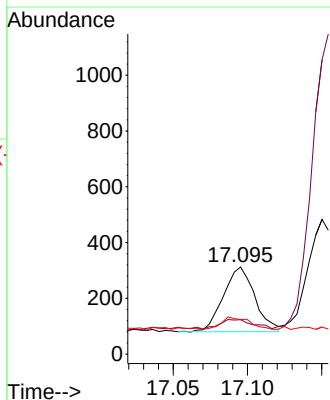
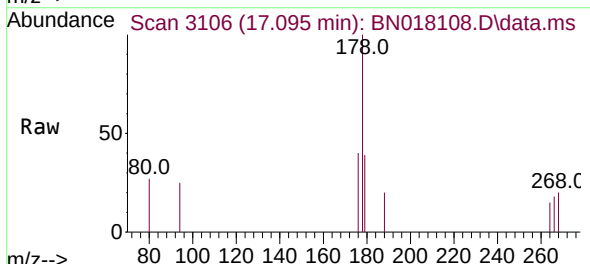
Manual Integrations
APPROVED

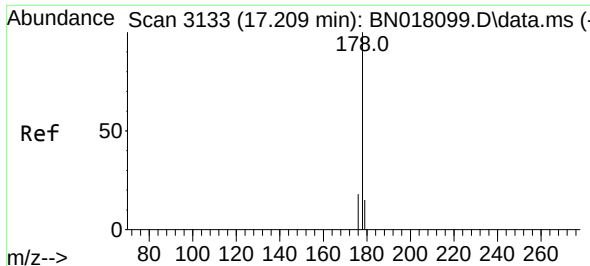
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021



#15
Phenanthrene
Concen: 0.128 ng/ul
RT: 17.095 min Scan# 3106
Delta R.T. -0.014 min
Lab File: BN018108.D
Acq: 17 Dec 2021 20:09

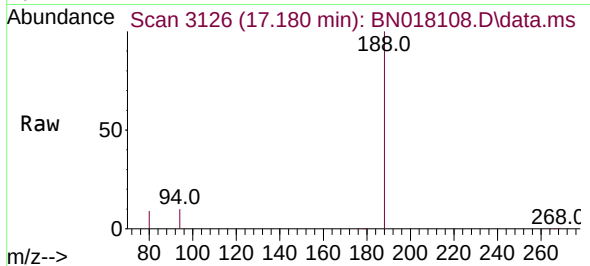
Tgt Ion:178 Resp: 342
Ion Ratio Lower Upper
178 100
179 39.4 13.0 19.4#
176 39.7 15.6 23.4#





#16
 Anthracene
 Concen: 0.042 ng/ul m
 RT: 17.180 min Scan# 3126
 Delta R.T. -0.027 min
 Lab File: BN018108.D
 Acq: 17 Dec 2021 20:09

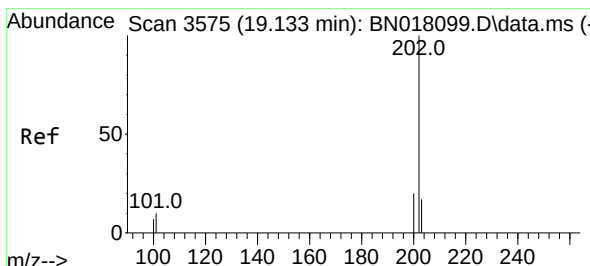
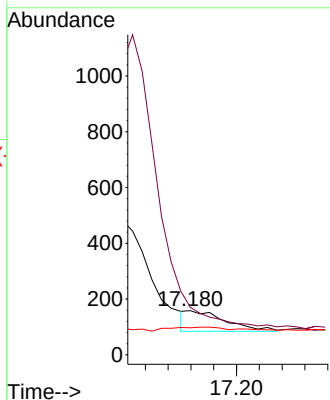
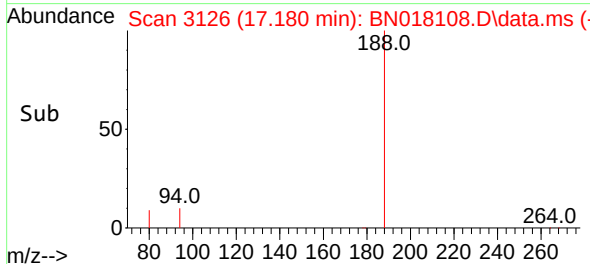
Instrument :
 BNA_N
 ClientSampleId :
 C00Y2



Tgt Ion:178 Resp: 85
 Ion Ratio Lower Upper
 178 100
 179 107.6 13.3 19.9#
 176 61.4 15.1 22.7#

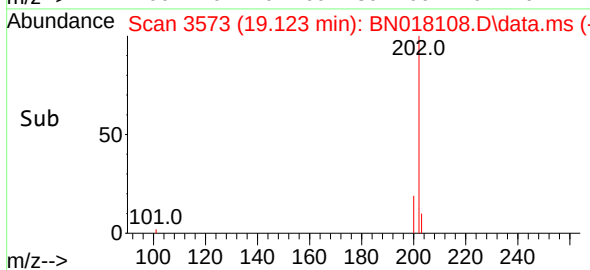
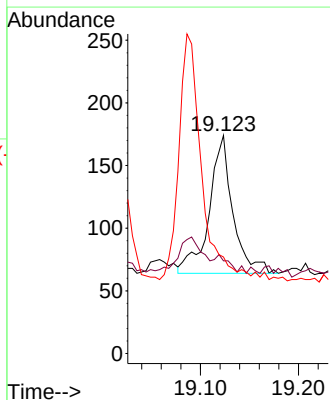
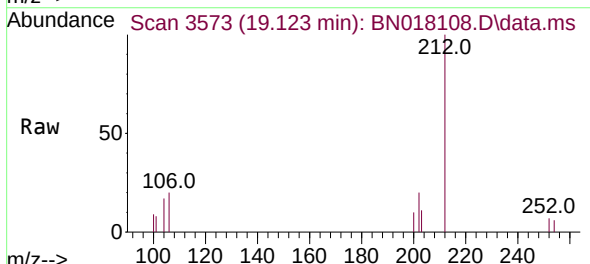
Manual Integrations
 APPROVED

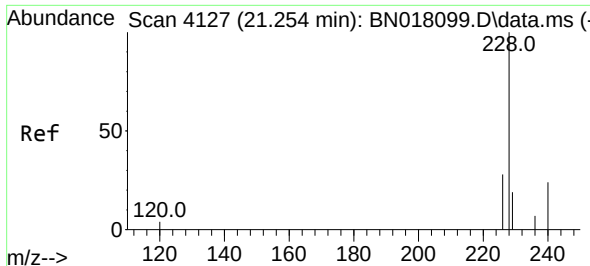
Reviewed By :Jagrut Upadhyay 12/20/2021
 Supervised By :mohammad ahmed 12/24/2021



#19
 Fluoranthene
 Concen: 0.070 ng/ul
 RT: 19.123 min Scan# 3573
 Delta R.T. -0.006 min
 Lab File: BN018108.D
 Acq: 17 Dec 2021 20:09

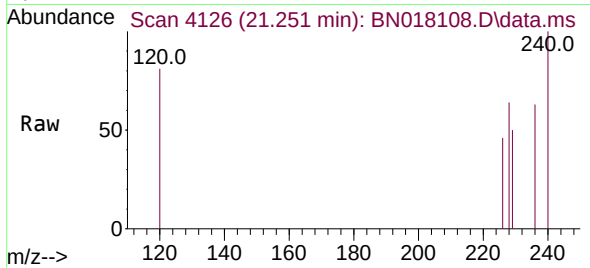
Tgt Ion:202 Resp: 185
 Ion Ratio Lower Upper
 202 100
 101 42.5 9.0 13.4#
 100 44.3 6.8 10.2#





#21
Benzo(a)anthracene
Concen: 0.038 ng/u1
RT: 21.251 min Scan# 4127
Delta R.T. 0.002 min
Lab File: BN018108.D
Acq: 17 Dec 2021 20:09

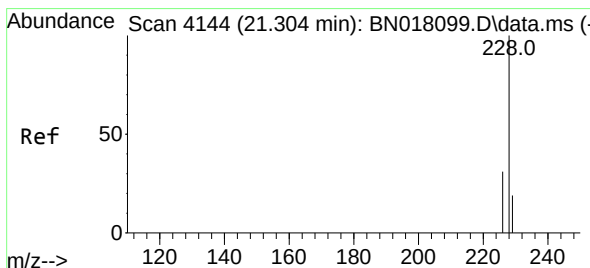
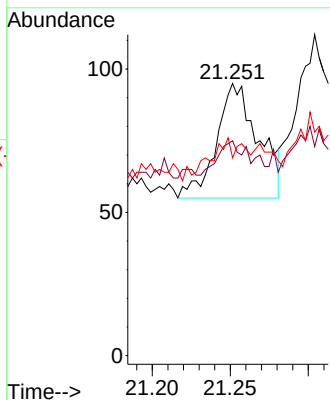
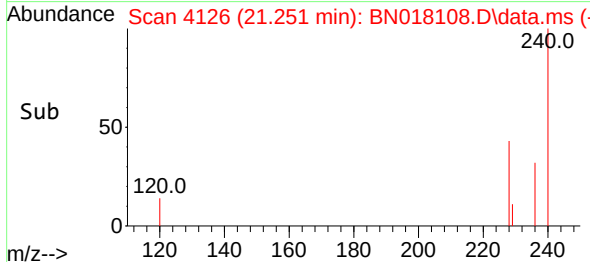
Instrument :
BNA_N
ClientSampleId :
C00Y2



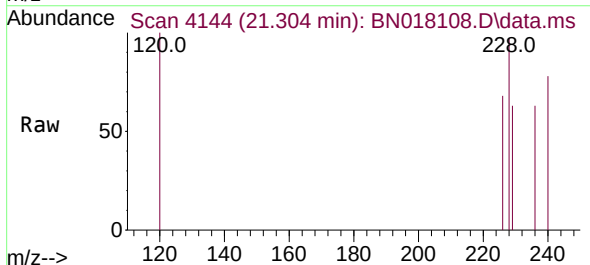
Tgt Ion:228 Resp: 75
Ion Ratio Lower Upper
228 100
229 78.9 15.8 23.6#
226 72.6 21.8 32.8#

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021



#22
Chrysene
Concen: 0.031 ng/u1
RT: 21.304 min Scan# 4144
Delta R.T. 0.005 min
Lab File: BN018108.D
Acq: 17 Dec 2021 20:09



Tgt Ion:228 Resp: 88
Ion Ratio Lower Upper
228 100
226 69.6 23.9 35.9#
229 65.2 15.7 23.5#

