

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041522\
 Data File : BN019462.D
 Acq On : 15 Apr 2022 14:50
 Operator : CG/JU
 Sample : N2280-09DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFFC7DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/18/2022
 Supervised By :Yogesh Patel 04/18/2022

Quant Time: Apr 18 05:02:35 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN041322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 14:35:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	4913	0.400	ng/ul	0.00
4) Naphthalene-d8	10.618	136	15406	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.457	164	9400	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.201	188	18107	0.400	ng/ul	0.00
17) Chrysene-d12	21.392	240	12696	0.400	ng/ul	0.00
23) Perylene-d12	23.739	264	8273m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.173	96	2434	0.385	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.224	152	534	0.024	ng/ul	0.00
18) Fluoranthene-d10	19.231	212	1460	0.031	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.179	152	1256	0.037	ng/ul#	87
15) Phenanthrene	17.239	178	12195	0.203	ng/ul	99
16) Anthracene	17.332	178	1281	0.028	ng/ul#	80
19) Fluoranthene	19.259	202	30641	0.485	ng/ul	98
20) Pyrene	19.621	202	32099	0.478	ng/ul	99
21) Benzo(a)anthracene	21.377	228	8406m	0.215	ng/ul	
22) Chrysene	21.427	228	17052	0.333	ng/ul	96
24) Benzo(b)fluoranthene	23.029	252	19794m	0.517	ng/ul	
25) Benzo(k)fluoranthene	23.070	252	7437m	0.168	ng/ul	
26) Benzo(a)pyrene	23.634	252	9640	0.295	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.165	276	7570	0.208	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.172	278	1395	0.054	ng/ul#	40
29) Benzo(g,h,i)perylene	26.907	276	8172	0.232	ng/ul	95

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

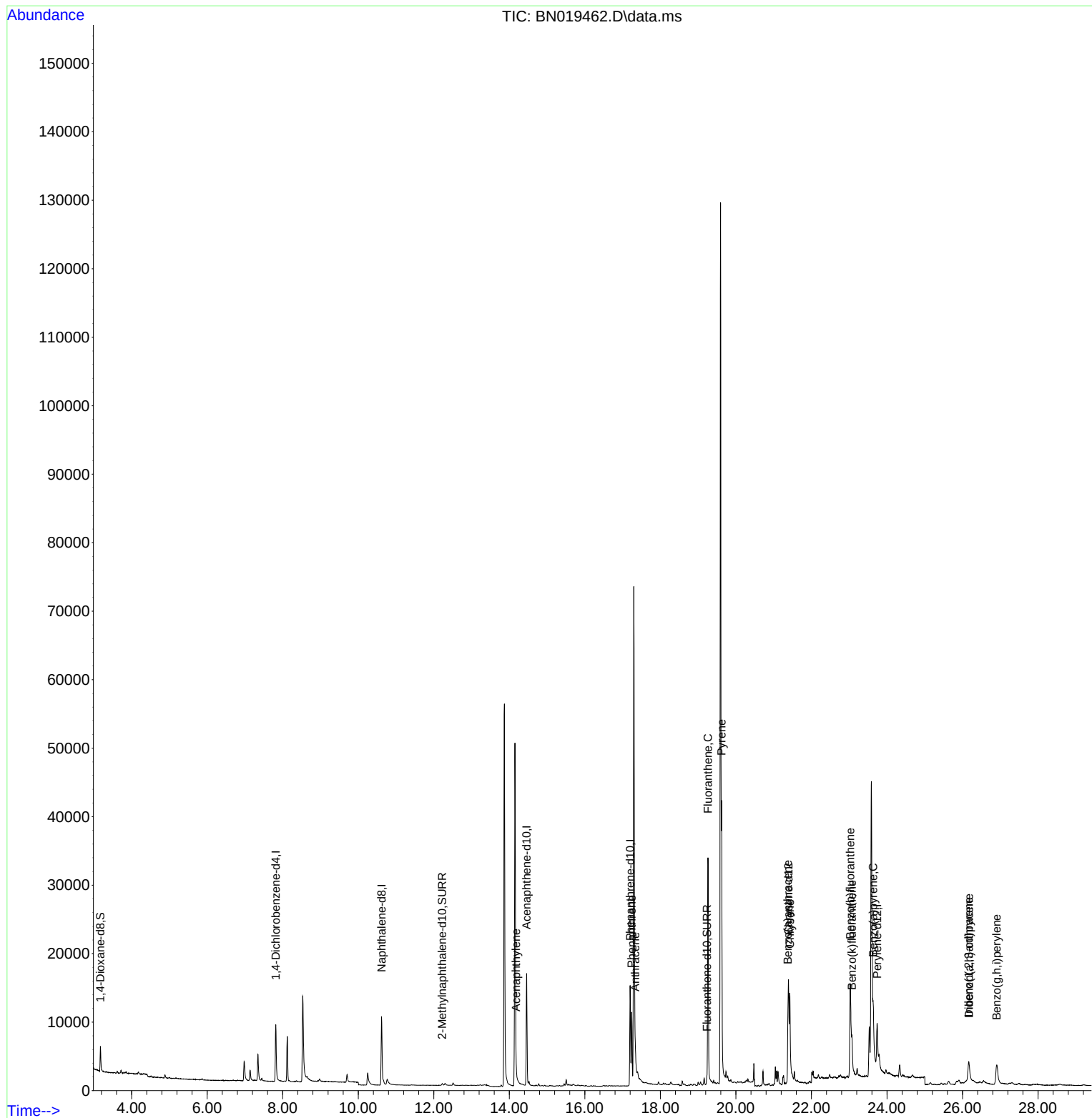
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041522\
Data File : BN019462.D
Acq On : 15 Apr 2022 14:50
Operator : CG/JU
Sample : N2280-09DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

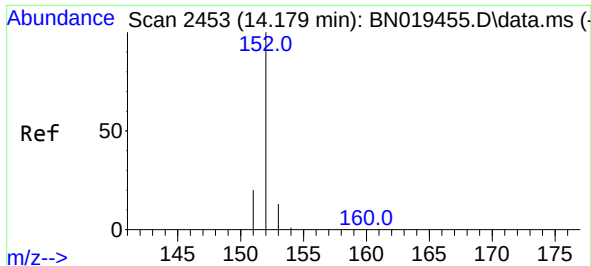
Instrument :
BNA_N
ClientSampleId :
BFFC7DL

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/18/2022
Supervised By :Yogesh Patel 04/18/2022

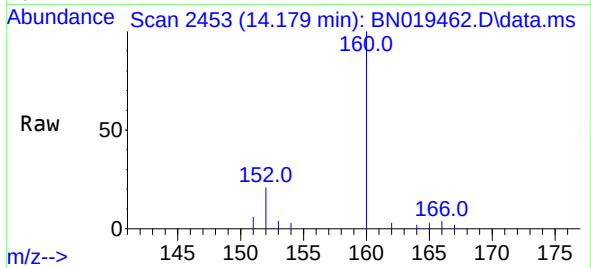
Quant Time: Apr 18 05:02:35 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN041322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 14:35:39 2022
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.037 ng/ul
RT: 14.179 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BN019462.D
Acq: 15 Apr 2022 14:50

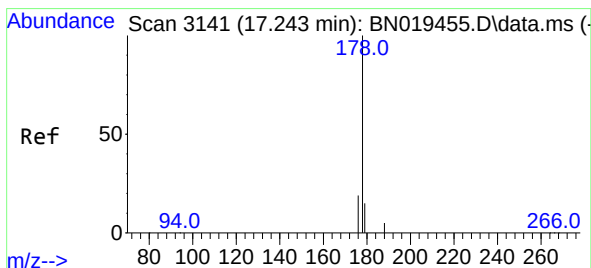
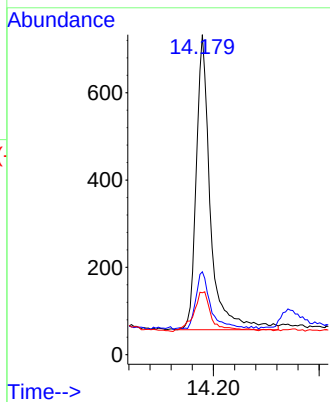
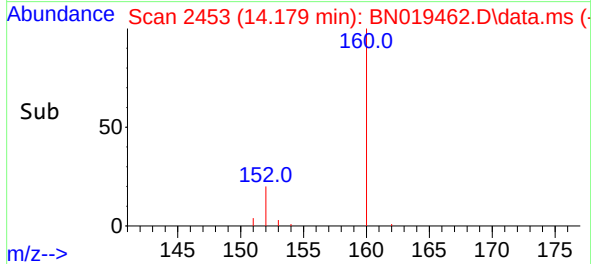
Instrument :
BNA_N
ClientSampleId :
BFFC7DL



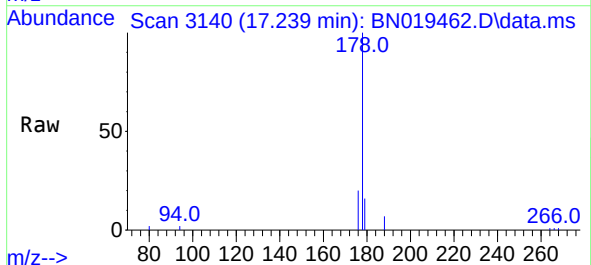
Tgt Ion:152 Resp: 1250
Ion Ratio Lower Upper
152 100
151 25.9 16.3 24.5
153 19.4 11.1 16.7

Manual Integrations
APPROVED

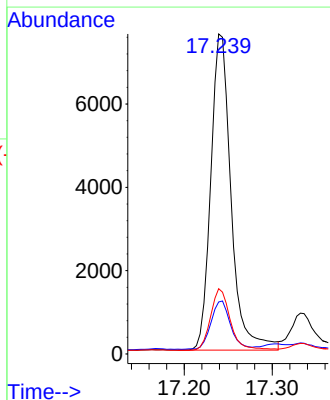
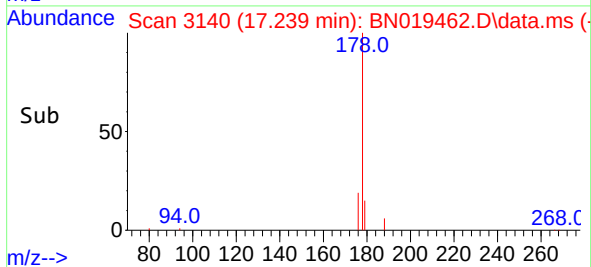
Reviewed By :Jagrut Upadhyay 04/18/2022
Supervised By :Yogesh Patel 04/18/2022

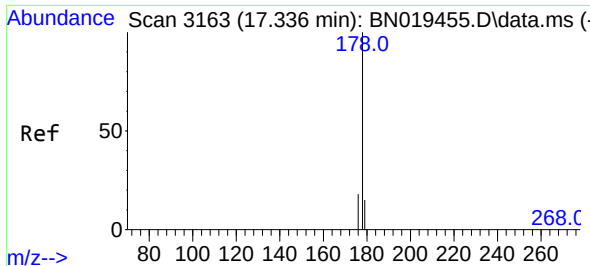


#15
Phenanthrene
Concen: 0.203 ng/ul
RT: 17.239 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BN019462.D
Acq: 15 Apr 2022 14:50



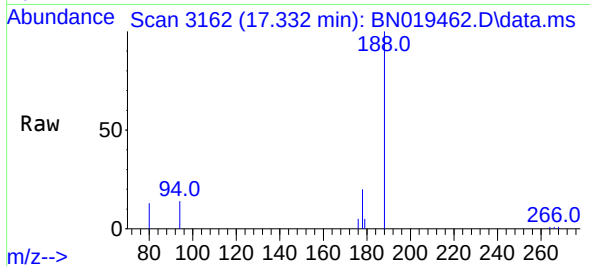
Tgt Ion:178 Resp: 12195
Ion Ratio Lower Upper
178 100
179 16.3 12.9 19.3
176 20.4 15.5 23.3





#16
 Anthracene
 Concen: 0.028 ng/ul
 RT: 17.332 min Scan# 3162
 Delta R.T. -0.008 min
 Lab File: BN019462.D
 Acq: 15 Apr 2022 14:50

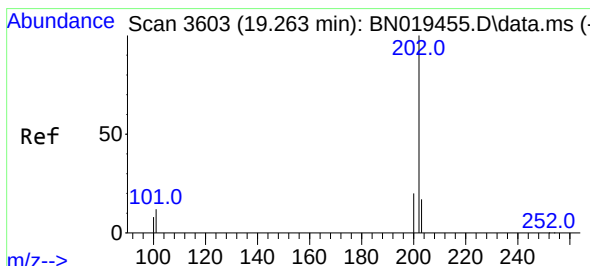
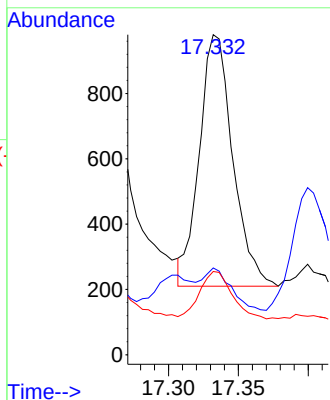
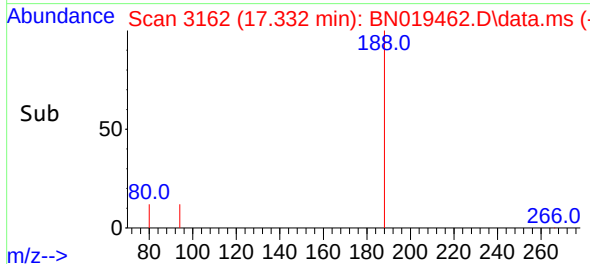
Instrument :
 BNA_N
 ClientSampleId :
 BFFC7DL



Tgt Ion:178 Resp: 128
 Ion Ratio Lower Upper
 178 100
 179 27.1 13.1 19.7
 176 26.0 15.3 22.9

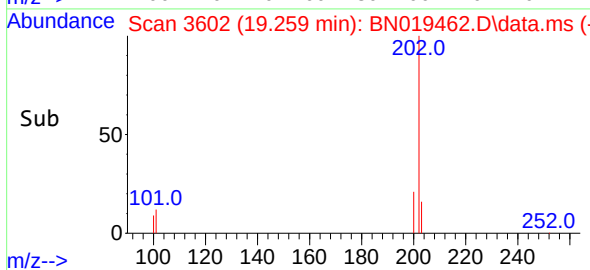
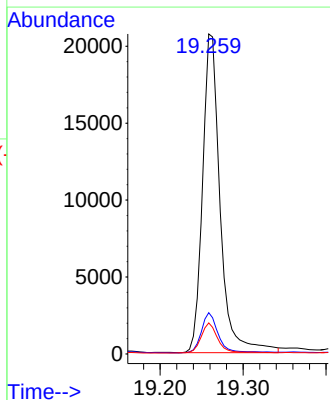
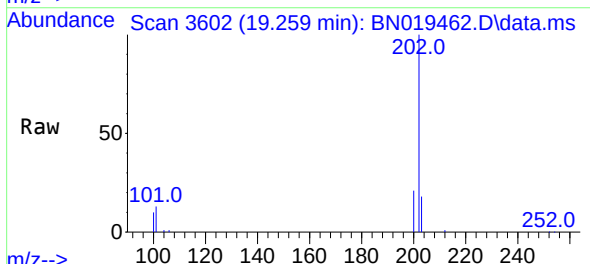
Manual Integrations
 APPROVED

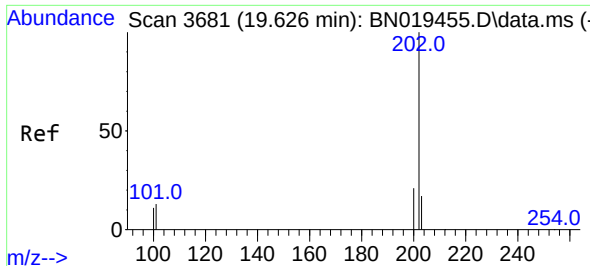
Reviewed By :Jagrut Upadhyay 04/18/2022
 Supervised By :Yogesh Patel 04/18/2022



#19
 Fluoranthene
 Concen: 0.485 ng/ul
 RT: 19.259 min Scan# 3602
 Delta R.T. -0.005 min
 Lab File: BN019462.D
 Acq: 15 Apr 2022 14:50

Tgt Ion:202 Resp: 30641
 Ion Ratio Lower Upper
 202 100
 101 12.9 9.7 14.5
 100 9.7 7.4 11.2





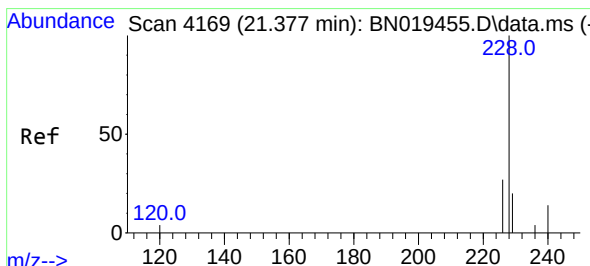
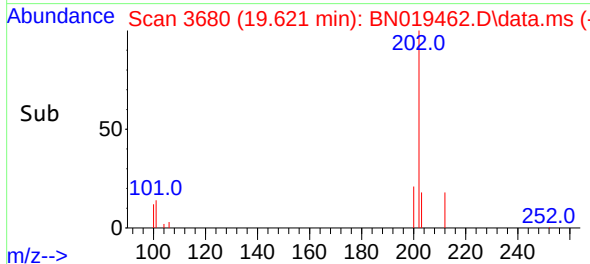
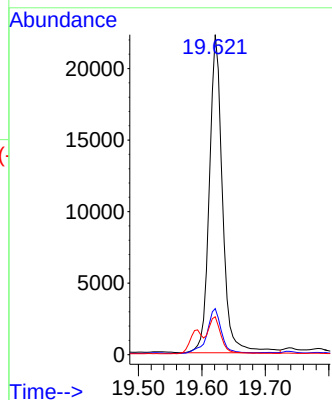
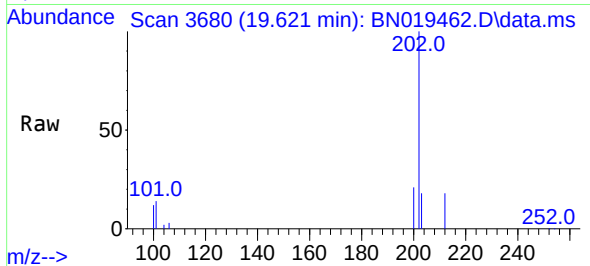
#20
Pyrene
Concen: 0.478 ng/ul
RT: 19.621 min Scan# 3680
Delta R.T. -0.005 min
Lab File: BN019462.D
Acq: 15 Apr 2022 14:50

Instrument :
BNA_N
ClientSampleId :
BFFC7DL

Tgt Ion:202 Resp: 32095
Ion Ratio Lower Upper
202 100
101 14.4 11.4 17.0
100 11.8 9.0 13.4

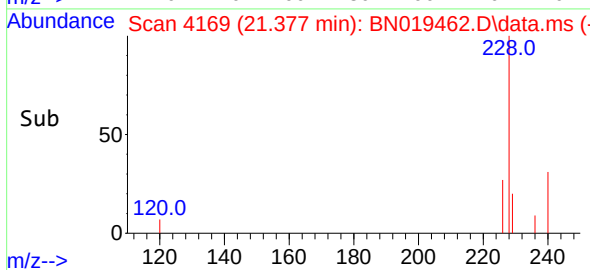
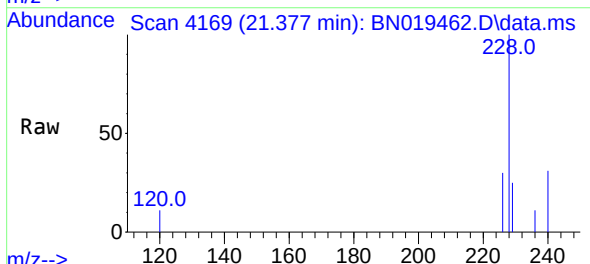
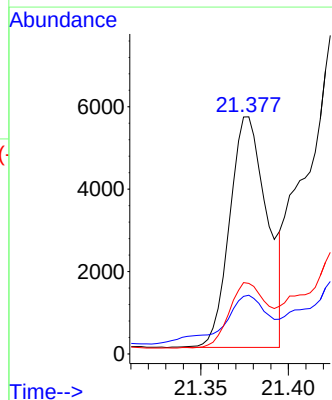
Manual Integrations
APPROVED

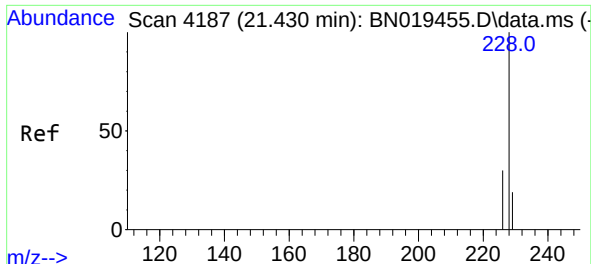
Reviewed By :Jagrut Upadhyay 04/18/2022
Supervised By :Yogesh Patel 04/18/2022



#21
Benzo(a)anthracene
Concen: 0.215 ng/ul m
RT: 21.377 min Scan# 4169
Delta R.T. -0.003 min
Lab File: BN019462.D
Acq: 15 Apr 2022 14:50

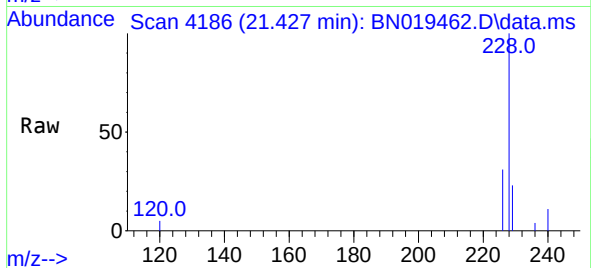
Tgt Ion:228 Resp: 8406
Ion Ratio Lower Upper
228 100
229 24.8 16.1 24.1#
226 29.7 22.1 33.1





#22
Chrysene
Concen: 0.333 ng/ul
RT: 21.427 min Scan# 4186
Delta R.T. -0.003 min
Lab File: BN019462.D
Acq: 15 Apr 2022 14:50

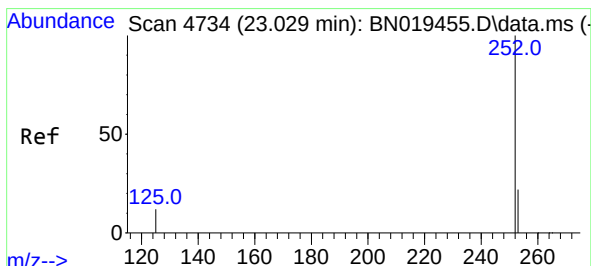
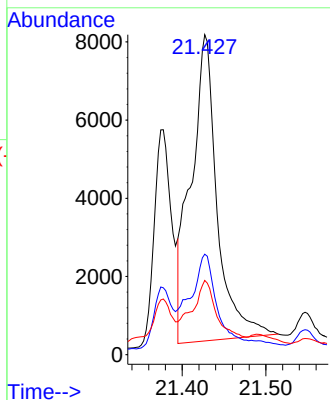
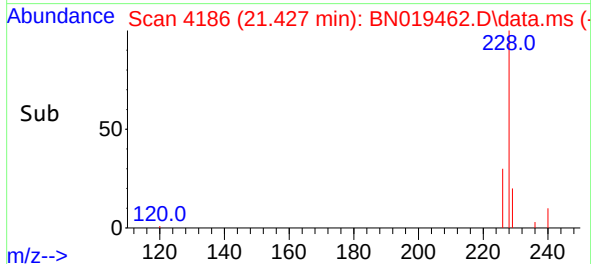
Instrument :
BNA_N
ClientSampleId :
BFFC7DL



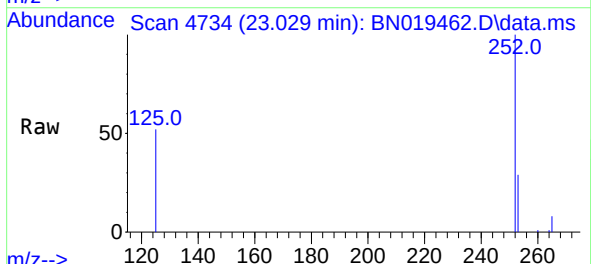
Tgt Ion:228 Resp: 17052
Ion Ratio Lower Upper
228 100
226 31.4 24.2 36.2
229 23.2 16.0 24.0

Manual Integrations
APPROVED

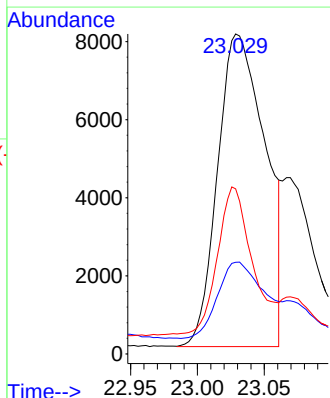
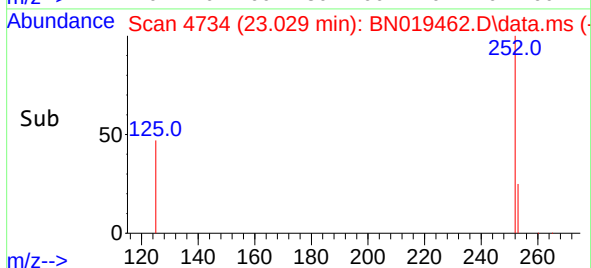
Reviewed By :Jagrut Upadhyay 04/18/2022
Supervised By :Yogesh Patel 04/18/2022

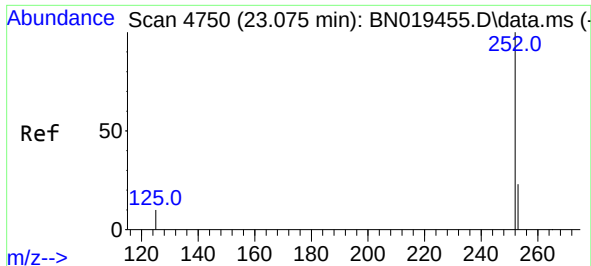


#24
Benzo(b)fluoranthene
Concen: 0.517 ng/ul m
RT: 23.029 min Scan# 4734
Delta R.T. -0.003 min
Lab File: BN019462.D
Acq: 15 Apr 2022 14:50



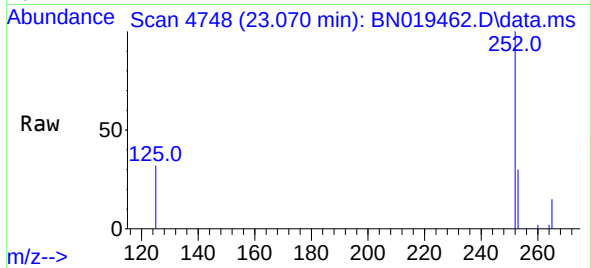
Tgt Ion:252 Resp: 19794
Ion Ratio Lower Upper
252 100
253 28.6 0.0 52.0
125 51.6 0.0 40.2#





#25
Benzo(k)fluoranthene
Concen: 0.168 ng/ul m
RT: 23.070 min Scan# 4750
Delta R.T. -0.009 min
Lab File: BN019462.D
Acq: 15 Apr 2022 14:50

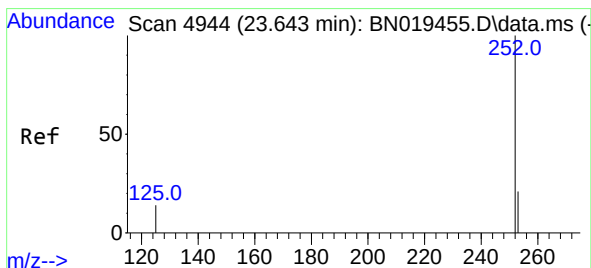
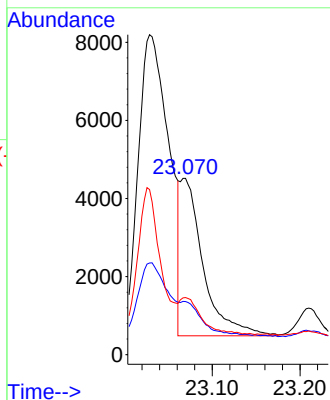
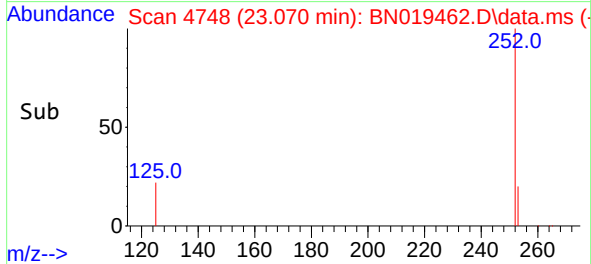
Instrument :
BNA_N
ClientSampleId :
BFFC7DL



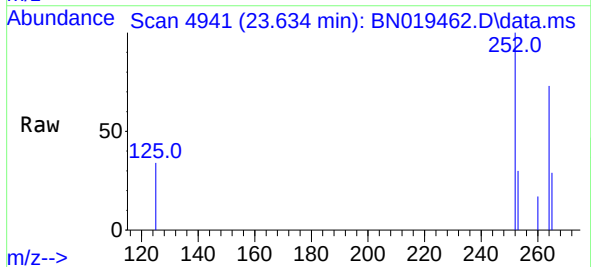
Tgt Ion:252 Resp: 743
Ion Ratio Lower Upper
252 100
253 30.1 20.2 30.2
125 32.4 11.0 16.6

Manual Integrations
APPROVED

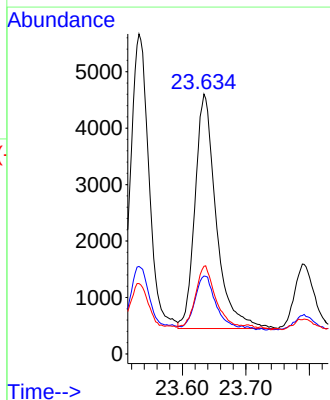
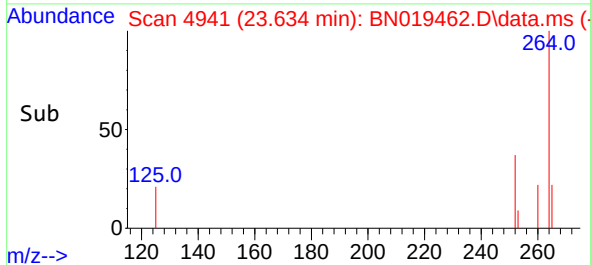
Reviewed By :Jagrut Upadhyay 04/18/2022
Supervised By :Yogesh Patel 04/18/2022

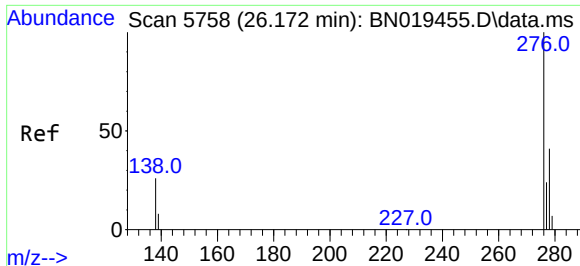


#26
Benzo(a)pyrene
Concen: 0.295 ng/ul
RT: 23.634 min Scan# 4941
Delta R.T. -0.012 min
Lab File: BN019462.D
Acq: 15 Apr 2022 14:50



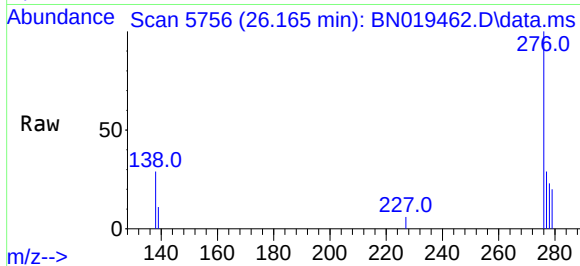
Tgt Ion:252 Resp: 9640
Ion Ratio Lower Upper
252 100
253 30.0 23.4 35.0
125 33.7 28.3 42.5





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.208 ng/ul
RT: 26.165 min Scan# 5756
Delta R.T. -0.013 min
Lab File: BN019462.D
Acq: 15 Apr 2022 14:50

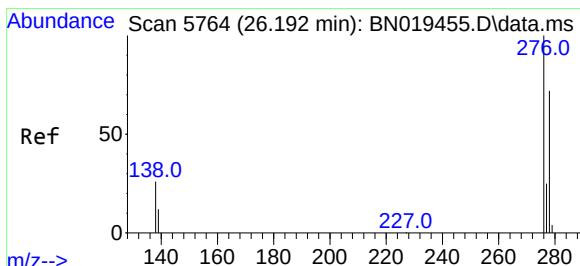
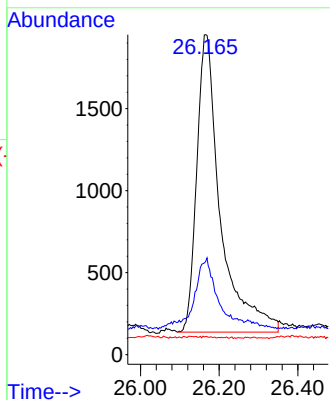
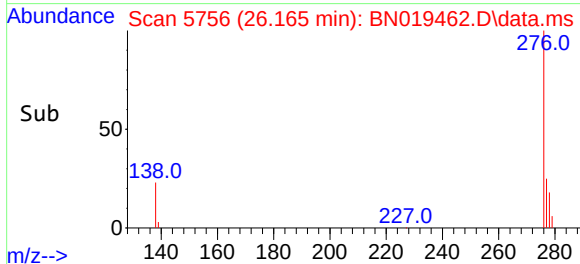
Instrument :
BNA_N
ClientSampleId :
BFFC7DL



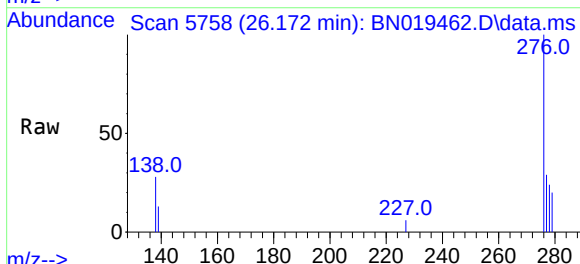
Tgt Ion: 276 Resp: 7570
Ion Ratio Lower Upper
276 100
138 18.3 23.6 35.4#
227 0.2 0.0 0.0#

Manual Integrations
APPROVED

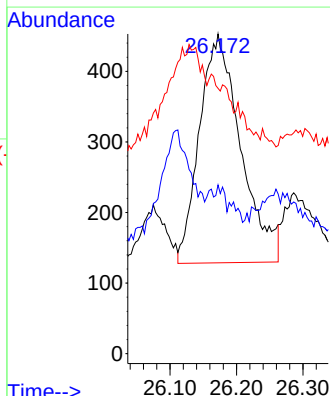
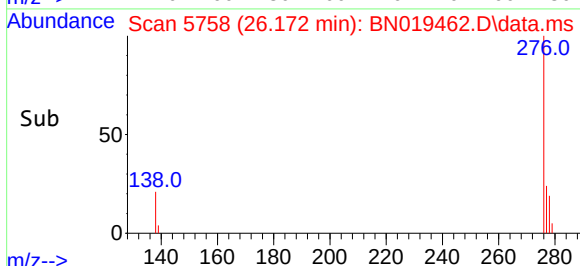
Reviewed By : Jagrut Upadhyay 04/18/2022
Supervised By : Yogesh Patel 04/18/2022

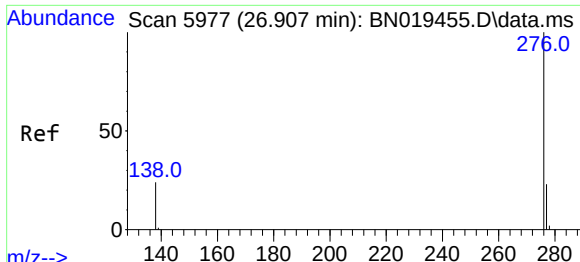


#28
Dibenzo(a,h)anthracene
Concen: 0.054 ng/ul
RT: 26.172 min Scan# 5758
Delta R.T. -0.027 min
Lab File: BN019462.D
Acq: 15 Apr 2022 14:50



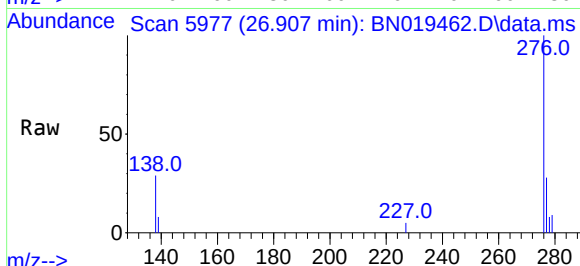
Tgt Ion: 278 Resp: 1395
Ion Ratio Lower Upper
278 100
139 52.8 18.6 28.0#
279 83.0 35.1 52.7#





#29
 Benzo(g,h,i)perylene
 Concen: 0.232 ng/ul
 RT: 26.907 min Scan# 5977
 Delta R.T. -0.013 min
 Lab File: BN019462.D
 Acq: 15 Apr 2022 14:50

Instrument :
 BNA_N
 ClientSampleId :
 BFFC7DL



Tgt Ion:	276	Resp:	817
Ion Ratio	Lower	Upper	
276	100		
138	29.1	20.9	31.3
277	27.6	20.4	30.6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/18/2022
 Supervised By :Yogesh Patel 04/18/2022

