

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042623\
 Data File : BN025143.D
 Acq On : 26 Apr 2023 13:19
 Operator : CG/JU
 Sample : 02373-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB9D1

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/27/2023
 Supervised By :Jagrut Upadhyay 04/27/2023

Quant Time: Apr 27 00:13:26 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 26 15:32:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	7071	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	22928	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	14150	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	31792	0.400	ng/ul	0.00
17) Chrysene-d12	21.500	240	26897	0.400	ng/ul	-0.01
23) Perylene-d12	23.920	264	26984	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	35741	4.882	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	8773	0.298	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	27848	0.393	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.351	178	3891	0.043	ng/ul#	91
19) Fluoranthene	19.368	202	12086	0.124	ng/ul	97
20) Pyrene	19.730	202	11183m	0.112	ng/ul	
21) Benzo(a)anthracene	21.485	228	4463	0.055	ng/ul#	92
22) Chrysene	21.538	228	6875	0.078	ng/ul	94
24) Benzo(b)fluoranthene	23.186	252	9024m	0.082	ng/ul	
25) Benzo(k)fluoranthene	23.230	252	3593m	0.034	ng/ul	
26) Benzo(a)pyrene	23.809	252	5068	0.056	ng/ul#	49
27) Indeno(1,2,3-cd)pyrene	26.437	276	4239	0.041	ng/ul#	91
29) Benzo(g,h,i)perylene	27.218	276	4182	0.047	ng/ul#	86

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

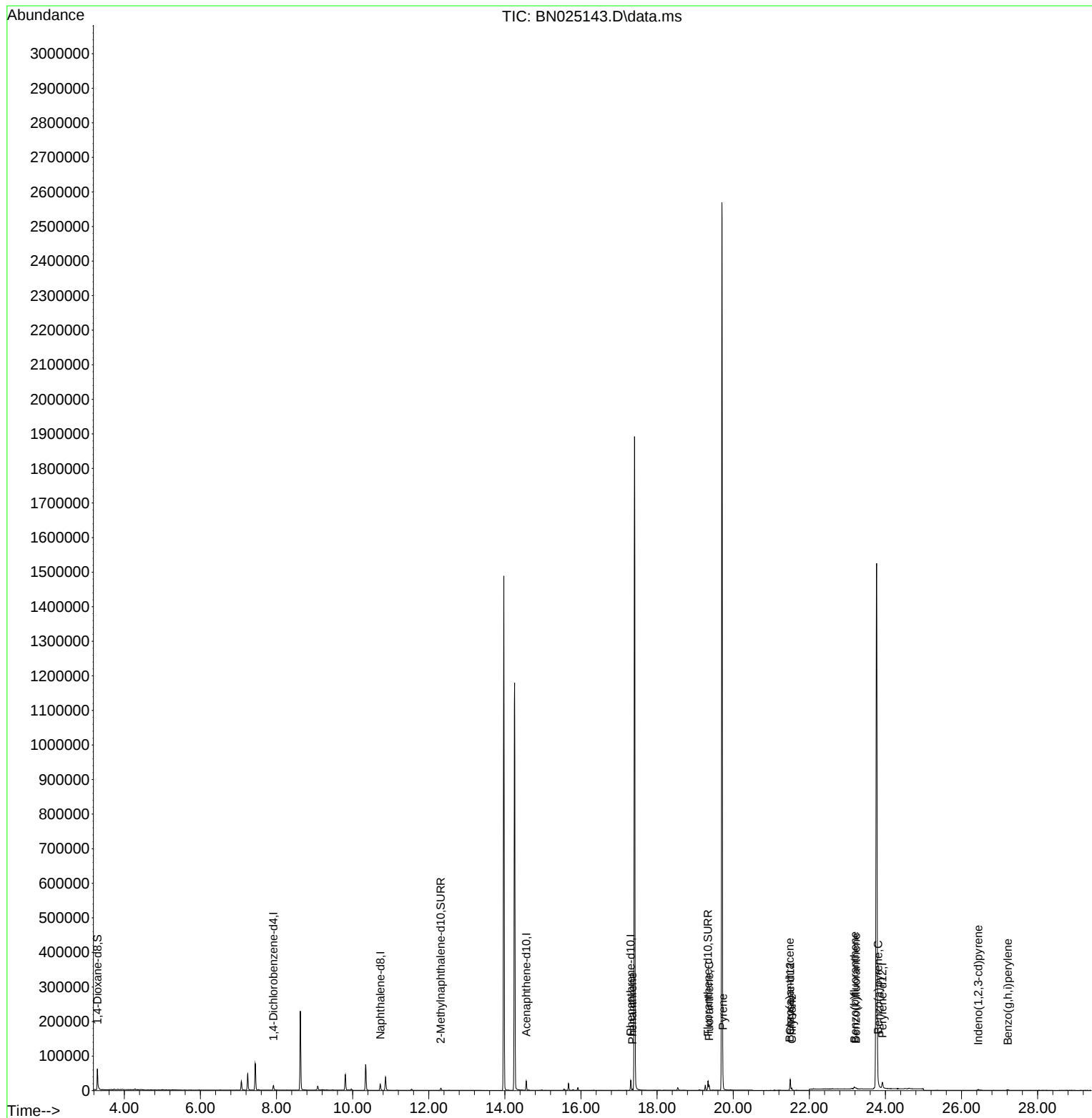
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042623\
Data File : BN025143.D
Acq On : 26 Apr 2023 13:19
Operator : CG/JU
Sample : 02373-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

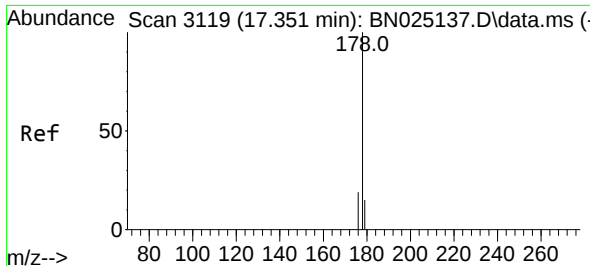
Instrument :
BNA_N
ClientSampleId :
CB9D1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

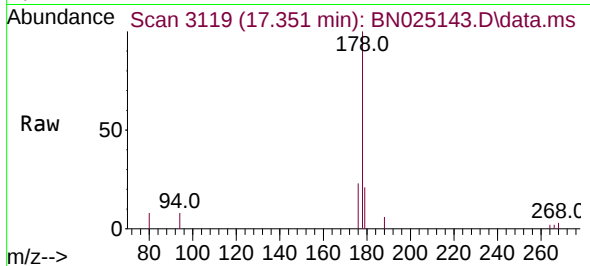
Quant Time: Apr 27 00:13:26 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 26 15:32:47 2023
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.043 ng/u1
RT: 17.351 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN025143.D
Acq: 26 Apr 2023 13:19

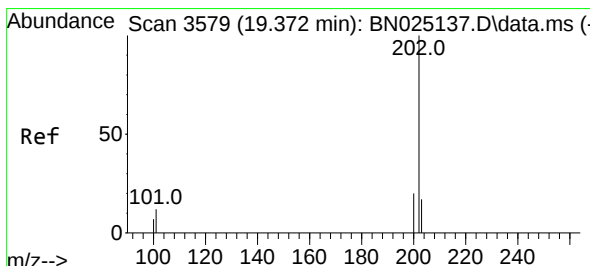
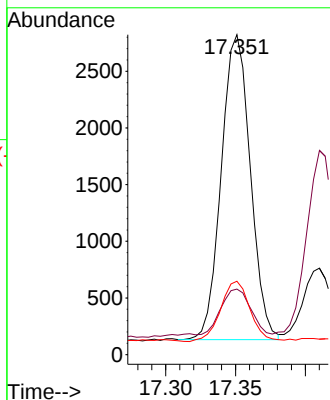
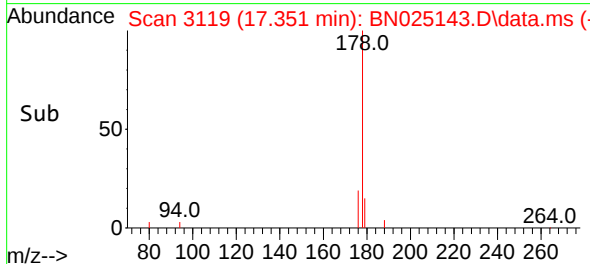
Instrument :
BNA_N
ClientSampleId :
CB9D1



Tgt Ion:178 Resp: 389
Ion Ratio Lower Upper
178 100
179 20.5 12.5 18.7
176 22.9 15.6 23.4

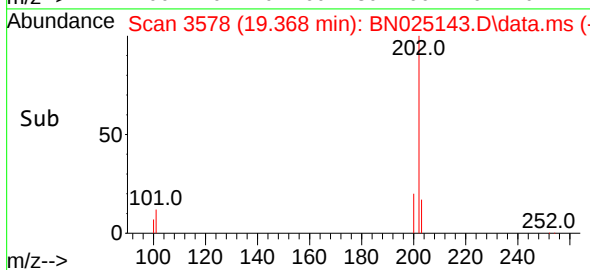
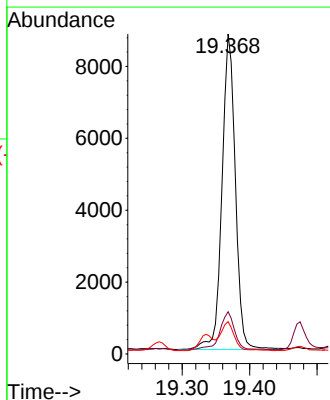
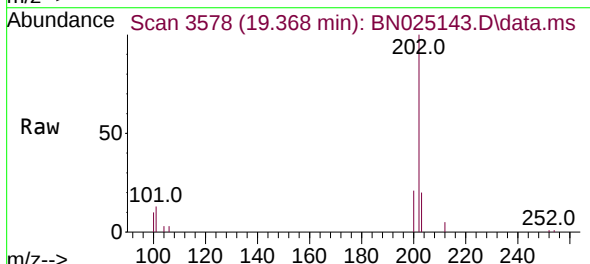
Manual Integrations
APPROVED

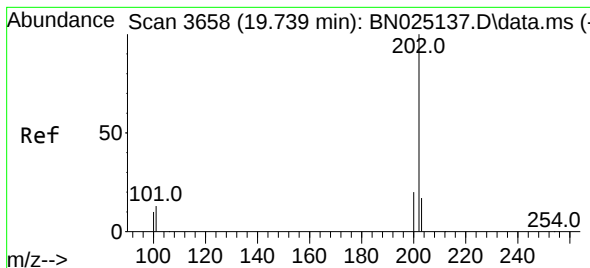
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#19
Fluoranthene
Concen: 0.124 ng/u1
RT: 19.368 min Scan# 3578
Delta R.T. -0.004 min
Lab File: BN025143.D
Acq: 26 Apr 2023 13:19

Tgt Ion:202 Resp: 12086
Ion Ratio Lower Upper
202 100
101 13.2 9.7 14.5
100 10.1 7.3 10.9





#20

Pyrene

Concen: 0.112 ng/ul m

RT: 19.730 min Scan# 3

Delta R.T. -0.009 min

Lab File: BN025143.D

Acq: 26 Apr 2023 13:19

Instrument :

BNA_N

ClientSampleId :

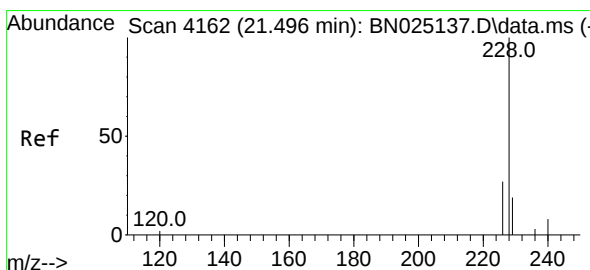
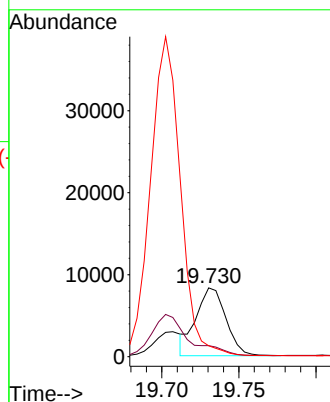
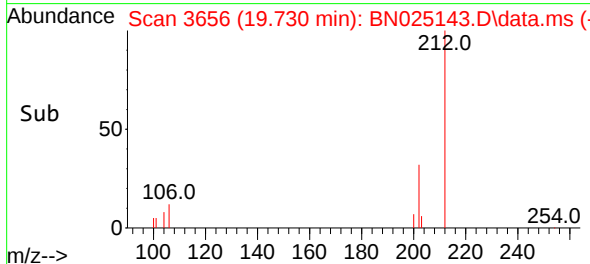
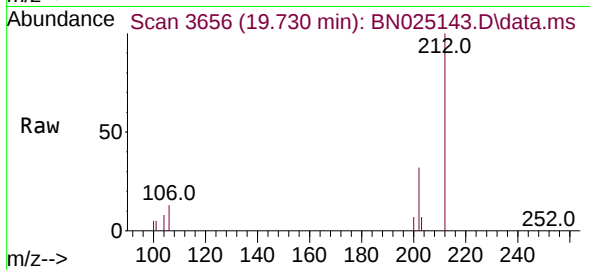
CB9D1

Tgt Ion:	202	Resp:	1118
Ion Ratio	Lower	Upper	
202	100		
101	16.1	11.3	16.9
100	15.9	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#21

Benzo(a)anthracene

Concen: 0.055 ng/ul

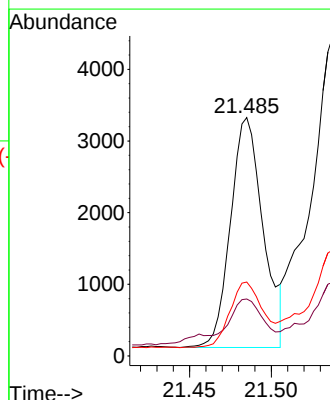
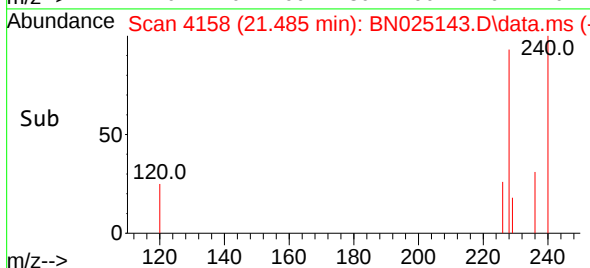
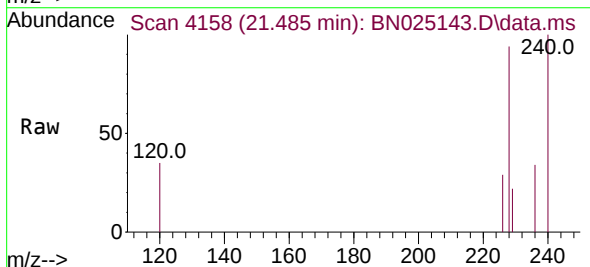
RT: 21.485 min Scan# 4158

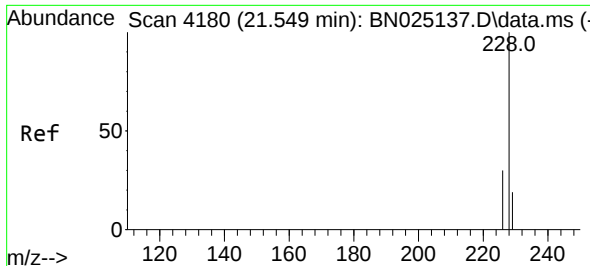
Delta R.T. -0.011 min

Lab File: BN025143.D

Acq: 26 Apr 2023 13:19

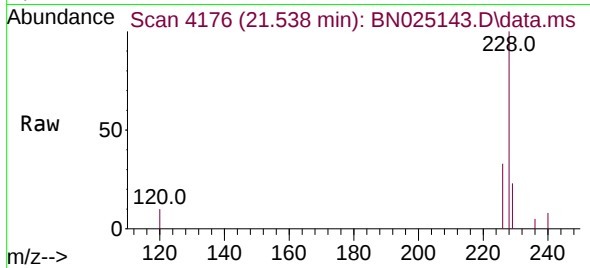
Tgt Ion:	228	Resp:	4463
Ion Ratio	Lower	Upper	
228	100		
229	23.9	15.6	23.4
226	31.0	22.1	33.1





#22
Chrysene
Concen: 0.078 ng/ul
RT: 21.538 min Scan# 4176
Delta R.T. -0.011 min
Lab File: BN025143.D
Acq: 26 Apr 2023 13:19

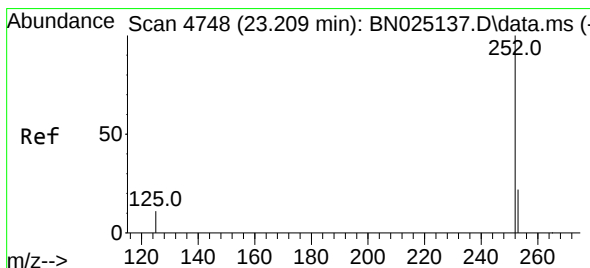
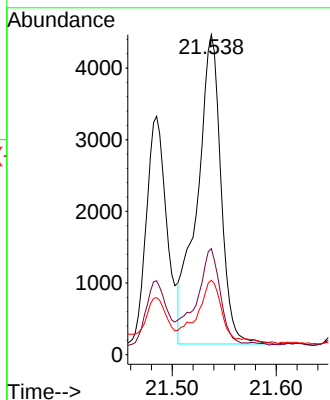
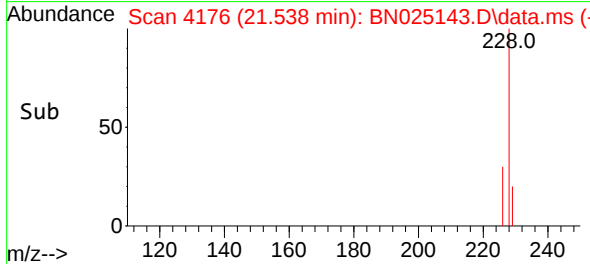
Instrument :
BNA_N
ClientSampleId :
CB9D1



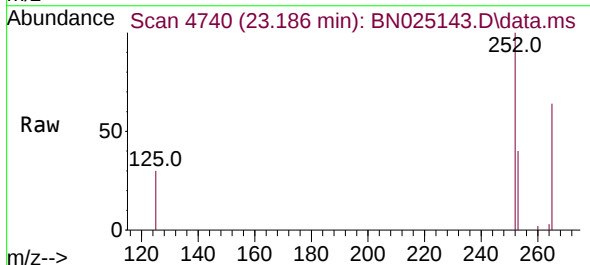
Tgt Ion:228 Resp: 6875
Ion Ratio Lower Upper
228 100
226 33.2 24.5 36.7
229 23.2 15.8 23.6

Manual Integrations
APPROVED

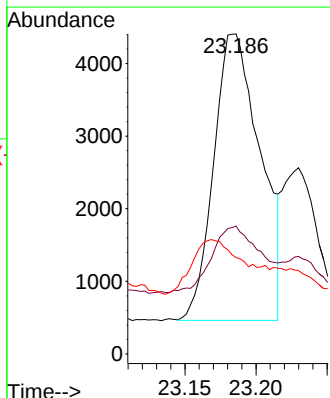
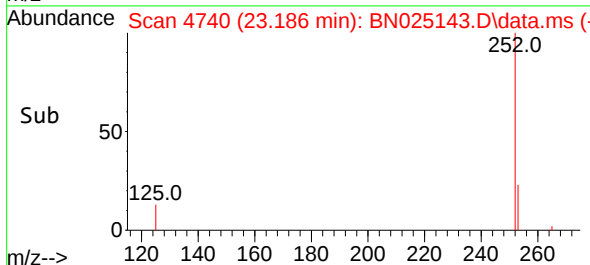
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

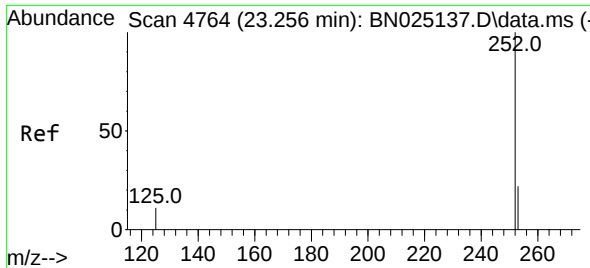


#24
Benzo(b)fluoranthene
Concen: 0.082 ng/ul m
RT: 23.186 min Scan# 4740
Delta R.T. -0.023 min
Lab File: BN025143.D
Acq: 26 Apr 2023 13:19



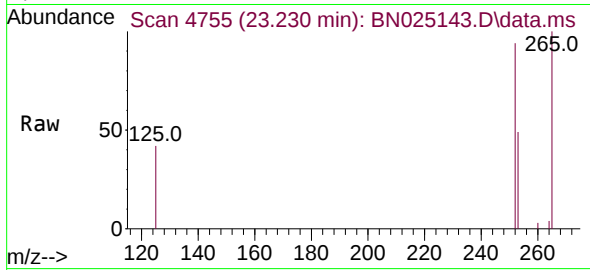
Tgt Ion:252 Resp: 9024
Ion Ratio Lower Upper
252 100
253 40.0 0.0 50.2
125 30.1 0.0 30.4





#25
Benzo(k)fluoranthene
Concen: 0.034 ng/ul m
RT: 23.230 min Scan# 4764
Delta R.T. -0.026 min
Lab File: BN025143.D
Acq: 26 Apr 2023 13:19

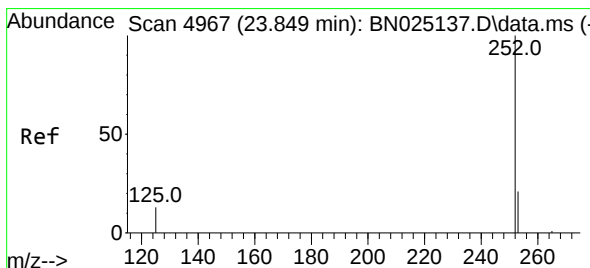
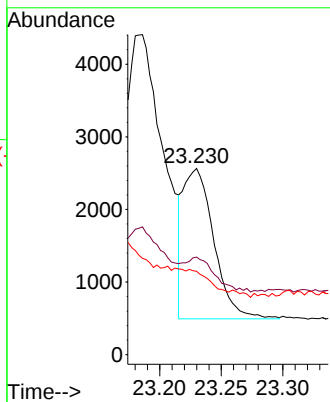
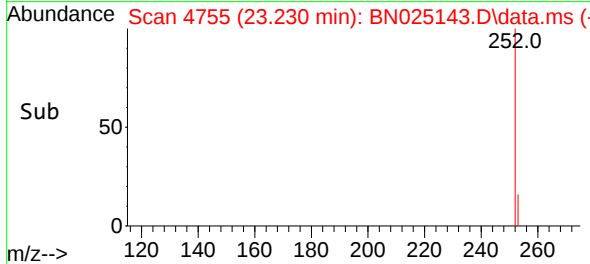
Instrument :
BNA_N
ClientSampleId :
CB9D1



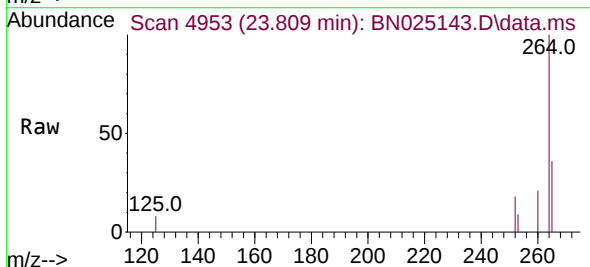
Tgt Ion:252 Resp: 359
Ion Ratio Lower Upper
252 100
253 52.4 20.2 30.4
125 44.7 11.8 17.8

Manual Integrations
APPROVED

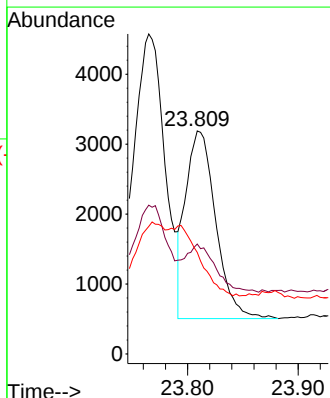
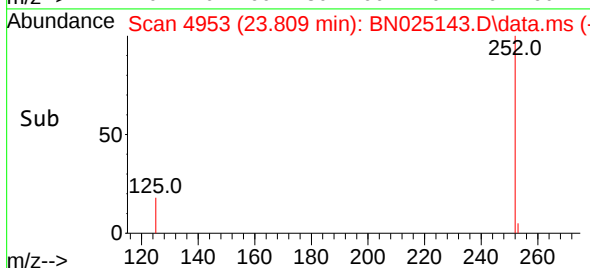
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

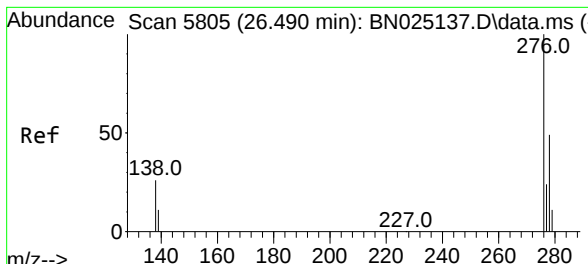


#26
Benzo(a)pyrene
Concen: 0.056 ng/ul
RT: 23.809 min Scan# 4953
Delta R.T. -0.040 min
Lab File: BN025143.D
Acq: 26 Apr 2023 13:19



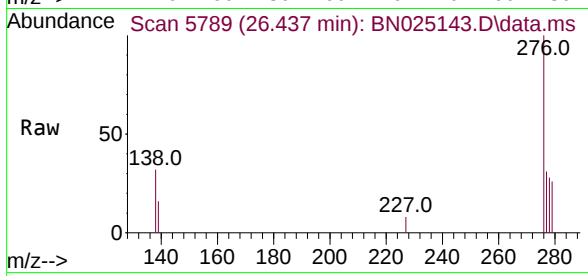
Tgt Ion:252 Resp: 5068
Ion Ratio Lower Upper
252 100
253 49.3 21.4 32.2#
125 45.6 14.6 22.0#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.041 ng/ul
 RT: 26.437 min Scan# 51
 Delta R.T. -0.053 min
 Lab File: BN025143.D
 Acq: 26 Apr 2023 13:19

Instrument :
 BNA_N
 ClientSampleId :
 CB9D1

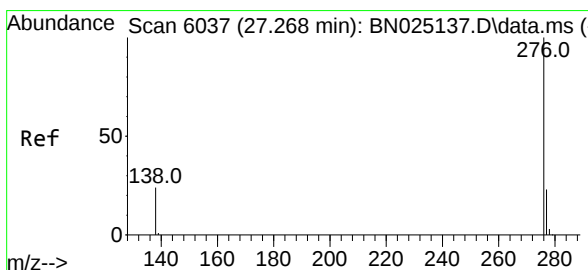
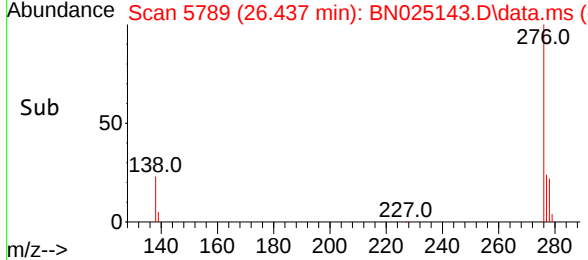
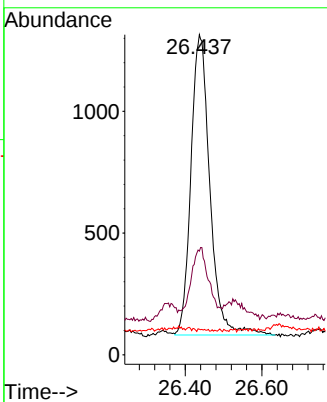


Tgt Ion: 276 Resp: 4239

Ion	Ratio	Lower	Upper
276	100		
138	22.9	21.9	32.9
227	0.3	0.1	0.1

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/27/2023
 Supervised By : Jagrut Upadhyay 04/27/2023



#29
 Benzo(g,h,i)perylene
 Concen: 0.047 ng/ul
 RT: 27.218 min Scan# 6022
 Delta R.T. -0.050 min
 Lab File: BN025143.D
 Acq: 26 Apr 2023 13:19

Tgt Ion: 276 Resp: 4182

Ion	Ratio	Lower	Upper
276	100		
138	32.7	20.3	30.5#
277	31.7	19.8	29.6#

