

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042623\
 Data File : BN025144.D
 Acq On : 26 Apr 2023 13:55
 Operator : CG/JU
 Sample : 02373-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB9D3

Manual Integrations
 APPROVED

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

Quant Time: Apr 27 00:13:34 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	7425	0.400	ng/ul	0.00
4) Naphthalene-d8	10.725	136	23954	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.560	164	14941	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.308	188	32856	0.400	ng/ul	0.00
17) Chrysene-d12	21.505	240	26135	0.400	ng/ul	0.00
23) Perylene-d12	23.934	264	25298	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	37506	4.878	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.320	152	10773	0.350	ng/ul	0.00
18) Fluoranthene-d10	19.339	212	29918	0.434	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.351	178	3947	0.043	ng/ul#	89
19) Fluoranthene	19.367	202	12198	0.129	ng/ul	96
20) Pyrene	19.734	202	10472	0.108	ng/ul	97
21) Benzo(a)anthracene	21.490	228	4315	0.055	ng/ul#	90
22) Chrysene	21.543	228	6711	0.078	ng/ul#	93
24) Benzo(b)fluoranthene	23.194	252	8637m	0.084	ng/ul	
25) Benzo(k)fluoranthene	23.241	252	3503m	0.035	ng/ul	
26) Benzo(a)pyrene	23.823	252	4782	0.056	ng/ul#	46
27) Indeno(1,2,3-cd)pyrene	26.446	276	3878	0.040	ng/ul#	94
29) Benzo(g,h,i)perylene	27.224	276	4054	0.049	ng/ul#	84

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

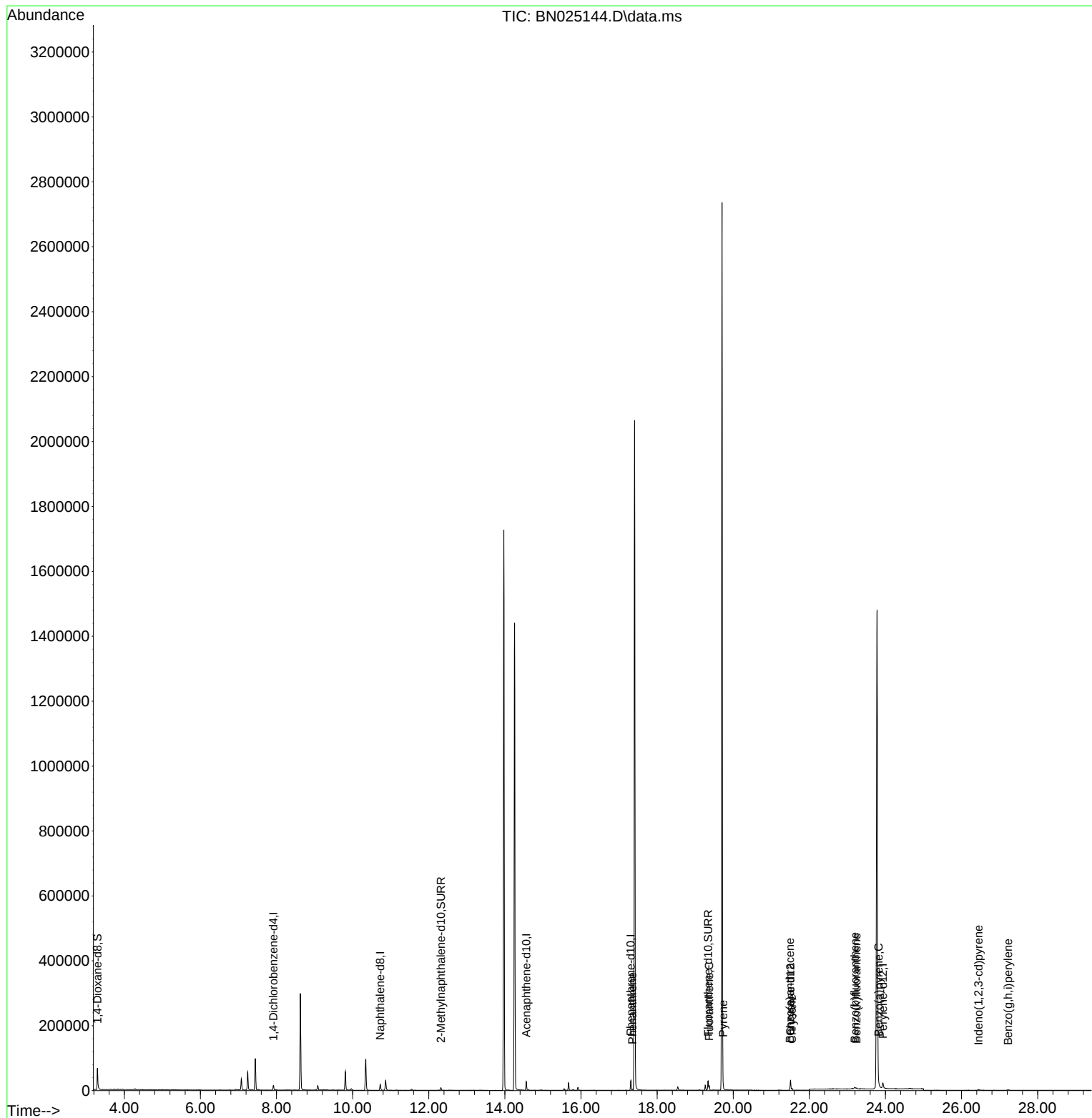
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042623\
Data File : BN025144.D
Acq On : 26 Apr 2023 13:55
Operator : CG/JU
Sample : 02373-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

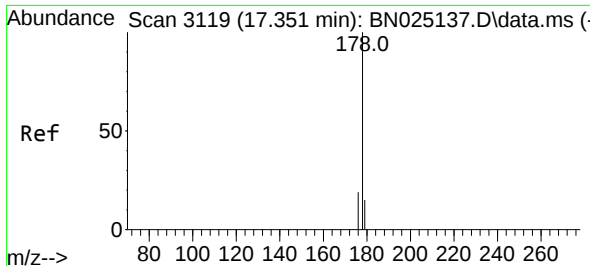
Instrument :
BNA_N
ClientSampleId :
CB9D3

Manual Integrations
APPROVED

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

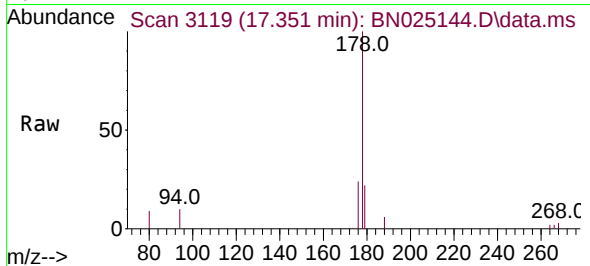
Quant Time: Apr 27 00:13:34 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 26 15:32:47 2023
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.043 ng/ul
RT: 17.351 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BN025144.D
Acq: 26 Apr 2023 13:55

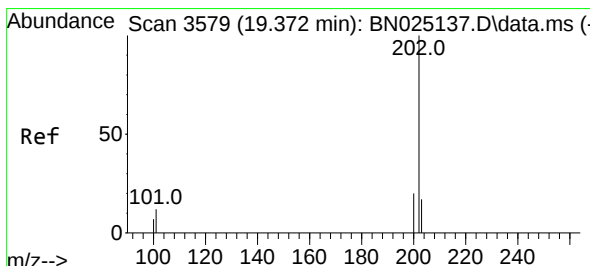
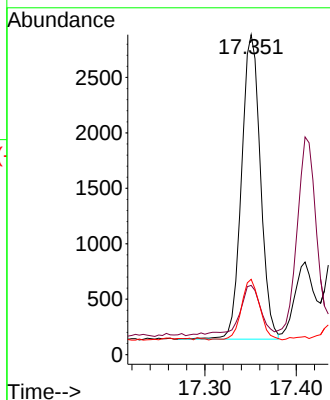
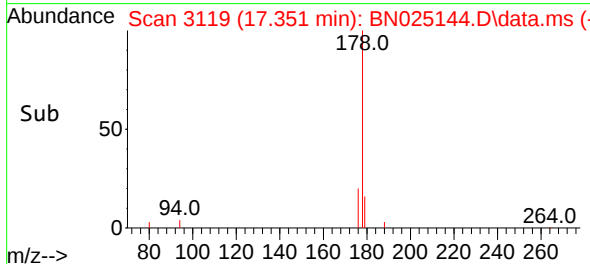
Instrument :
BNA_N
ClientSampleId :
CB9D3



Tgt Ion:178 Resp: 394
Ion Ratio Lower Upper
178 100
179 21.7 12.5 18.7
176 23.5 15.6 23.4

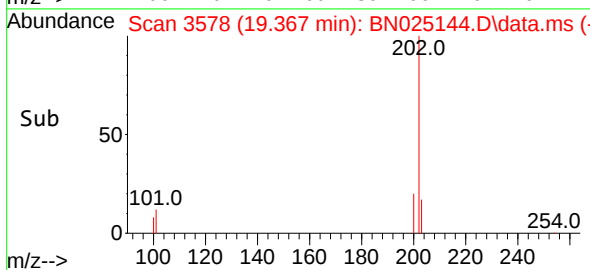
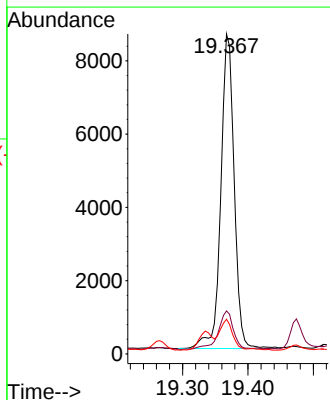
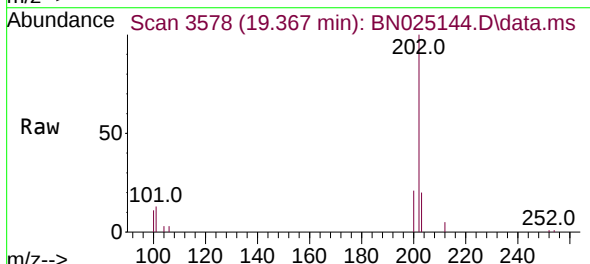
Manual Integrations
APPROVED

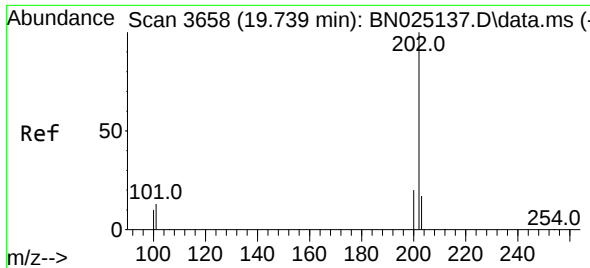
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#19
Fluoranthene
Concen: 0.129 ng/ul
RT: 19.367 min Scan# 3578
Delta R.T. -0.005 min
Lab File: BN025144.D
Acq: 26 Apr 2023 13:55

Tgt Ion:202 Resp: 12198
Ion Ratio Lower Upper
202 100
101 13.4 9.7 14.5
100 10.9 7.3 10.9





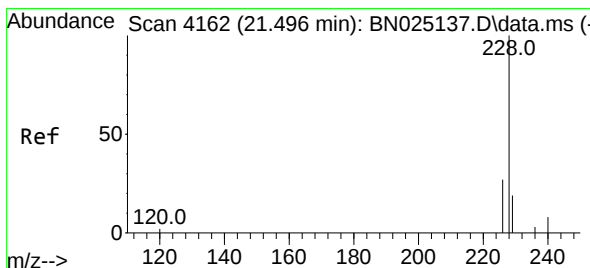
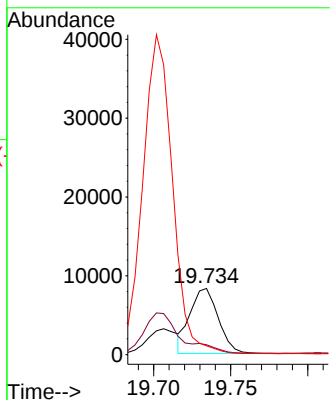
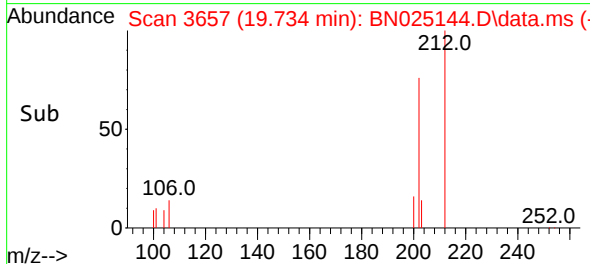
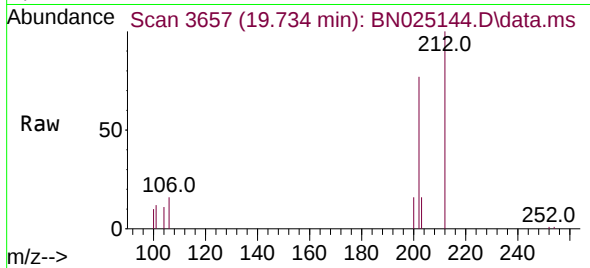
#20
Pyrene
Concen: 0.108 ng/ul
RT: 19.734 min Scan# 3657
Delta R.T. -0.005 min
Lab File: BN025144.D
Acq: 26 Apr 2023 13:55

Instrument :
BNA_N
ClientSampleId :
CB9D3

Tgt Ion:202 Resp: 10472
Ion Ratio Lower Upper
202 100
101 15.1 11.3 16.9
100 13.3 9.2 13.8

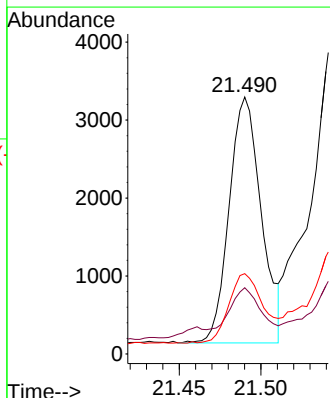
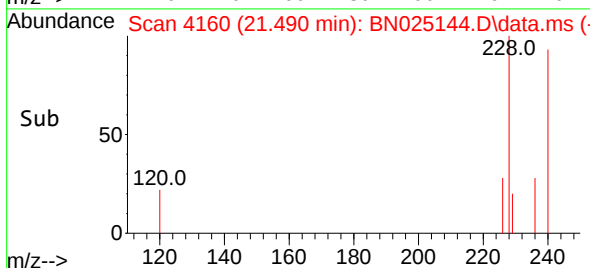
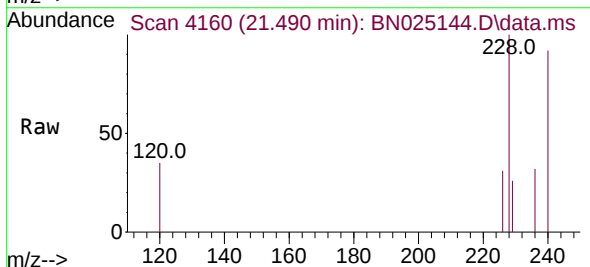
Manual Integrations
APPROVED

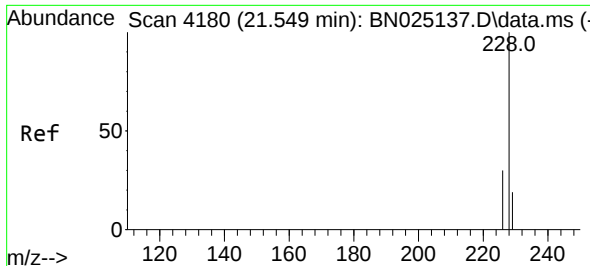
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023



#21
Benzo(a)anthracene
Concen: 0.055 ng/ul
RT: 21.490 min Scan# 4160
Delta R.T. -0.006 min
Lab File: BN025144.D
Acq: 26 Apr 2023 13:55

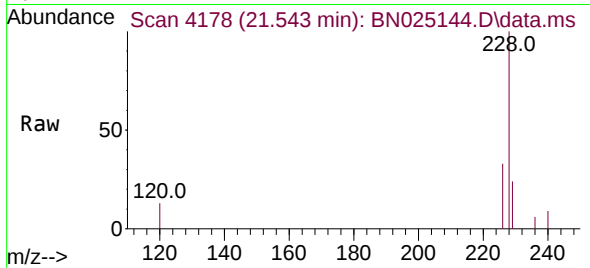
Tgt Ion:228 Resp: 4315
Ion Ratio Lower Upper
228 100
229 25.8 15.6 23.4#
226 31.3 22.1 33.1





#22
Chrysene
Concen: 0.078 ng/ul
RT: 21.543 min Scan# 4178
Delta R.T. -0.006 min
Lab File: BN025144.D
Acq: 26 Apr 2023 13:55

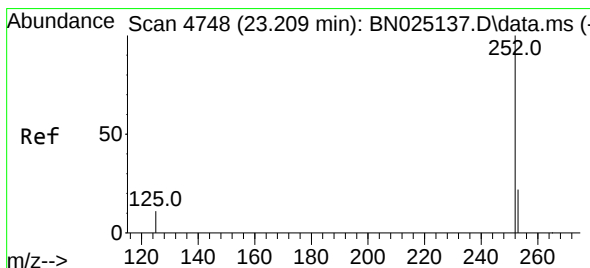
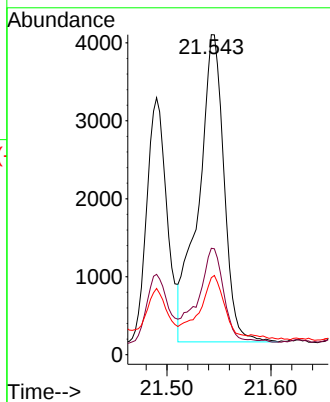
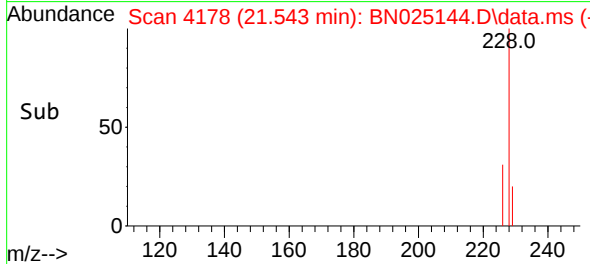
Instrument :
BNA_N
ClientSampleId :
CB9D3



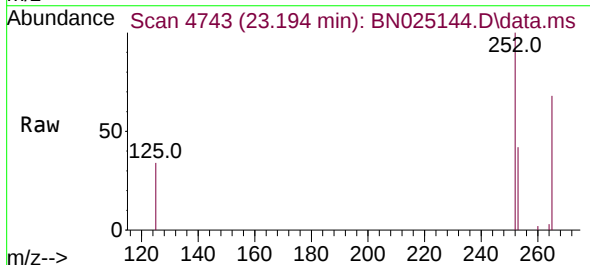
Tgt Ion:228 Resp: 6711
Ion Ratio Lower Upper
228 100
226 33.3 24.5 36.7
229 24.0 15.8 23.6

Manual Integrations
APPROVED

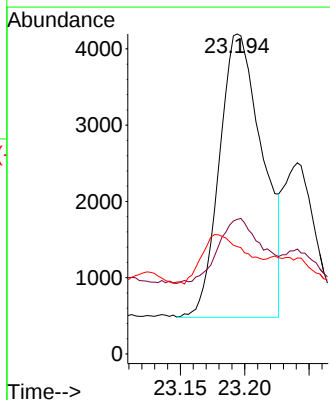
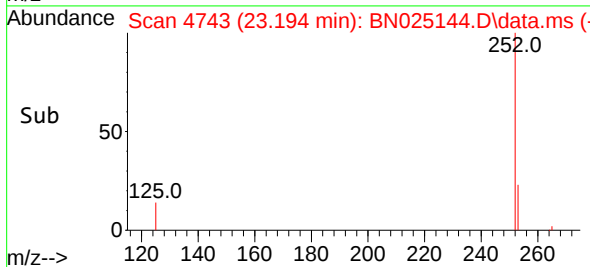
Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

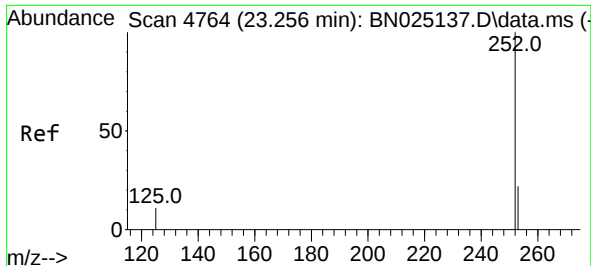


#24
Benzo(b)fluoranthene
Concen: 0.084 ng/ul m
RT: 23.194 min Scan# 4743
Delta R.T. -0.015 min
Lab File: BN025144.D
Acq: 26 Apr 2023 13:55



Tgt Ion:252 Resp: 8637
Ion Ratio Lower Upper
252 100
253 42.1 0.0 50.2
125 33.6 0.0 30.4





#25

Benzo(k)fluoranthene

Concen: 0.035 ng/ul m

RT: 23.241 min Scan# 4

Delta R.T. -0.015 min

Lab File: BN025144.D

Acq: 26 Apr 2023 13:55

Instrument :

BNA_N

ClientSampleId :

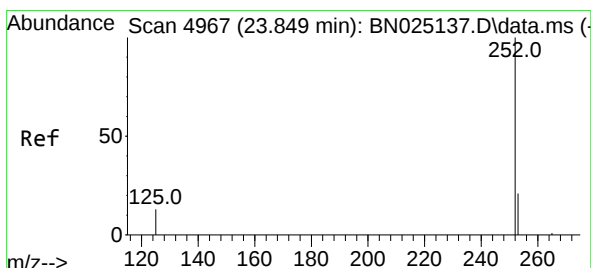
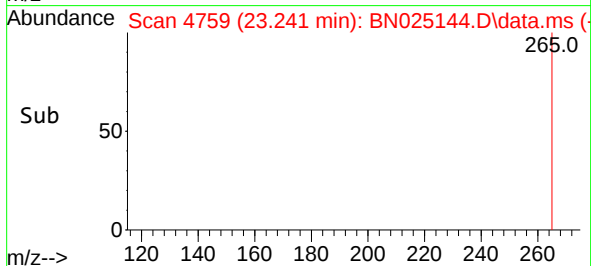
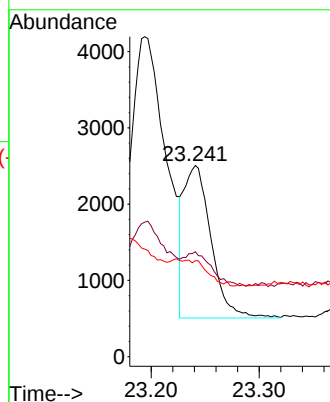
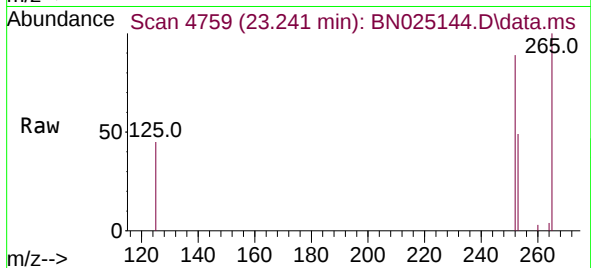
CB9D3

Tgt Ion:	252	Resp:	350
Ion Ratio	Lower	Upper	
252	100		
253	54.9	20.2	30.4
125	50.2	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

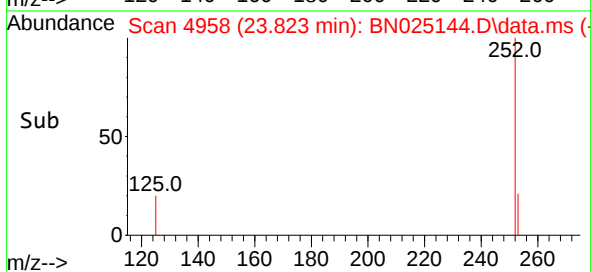
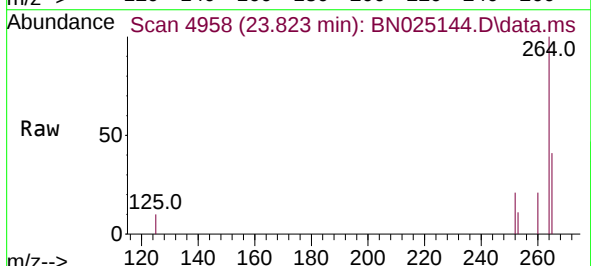
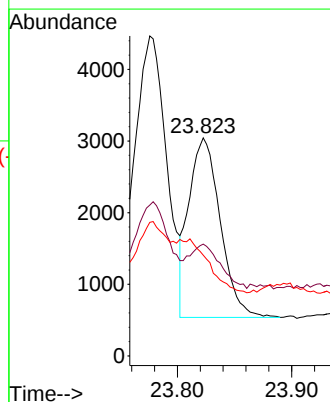
RT: 23.823 min Scan# 4958

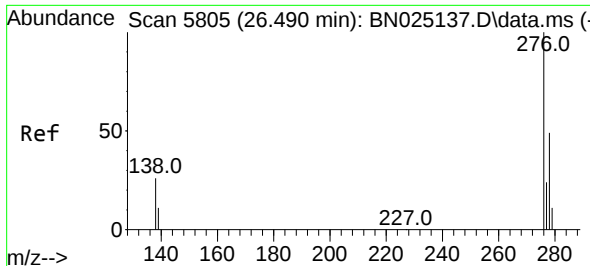
Delta R.T. -0.026 min

Lab File: BN025144.D

Acq: 26 Apr 2023 13:55

Tgt Ion:	252	Resp:	4782
Ion Ratio	Lower	Upper	
252	100		
253	51.3	21.4	32.2
125	46.3	14.6	22.0





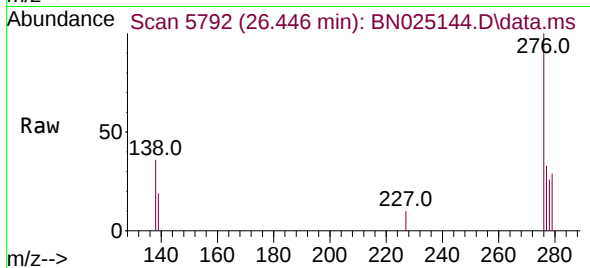
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.040 ng/ul
RT: 26.446 min Scan# 51
Delta R.T. -0.044 min
Lab File: BN025144.D
Acq: 26 Apr 2023 13:55

Instrument :

BNA_N

ClientSampleId :

CB9D3

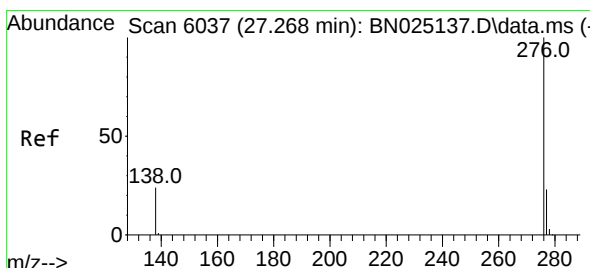
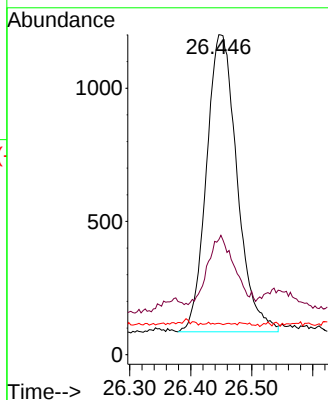
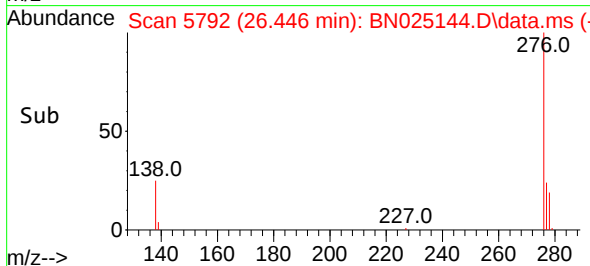


Tgt Ion:276 Resp: 3878
Ion Ratio Lower Upper
276 100
138 24.0 21.9 32.9
227 0.1 0.1 0.1

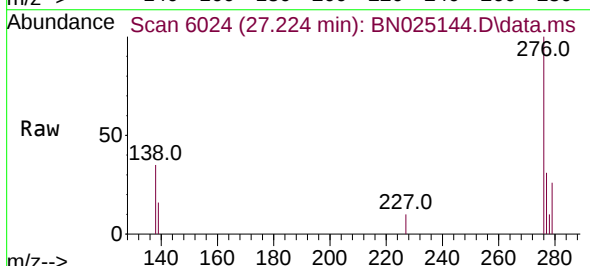
Manual Integrations

APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.049 ng/ul
RT: 27.224 min Scan# 6024
Delta R.T. -0.044 min
Lab File: BN025144.D
Acq: 26 Apr 2023 13:55



Tgt Ion:276 Resp: 4054
Ion Ratio Lower Upper
276 100
138 34.9 20.3 30.5#
277 31.2 19.8 29.6#

