

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN025984.D
 Acq On : 24 Jun 2023 01:07
 Operator : MA/JU
 Sample : 03085-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFP2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2023
 Supervised By :mohammad ahmed 06/25/2023

Quant Time: Jun 24 02:48:47 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.980	152	7478	0.400	ng/ul	0.00
4) Naphthalene-d8	10.791	136	23768	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.616	164	14675	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.363	188	32578	0.400	ng/ul	0.00
17) Chrysene-d12	21.546	240	23478	0.400	ng/ul	0.00
23) Perylene-d12	24.013	264	19826	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	12916	1.534	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.380	152	4148	0.113	ng/ul	0.00
18) Fluoranthene-d10	19.386	212	10596	0.119	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.338	152	2811	0.041	ng/ul#	90
15) Phenanthrene	17.401	178	6931	0.064	ng/ul	95
19) Fluoranthene	19.418	202	29829	0.238	ng/ul	98
20) Pyrene	19.781	202	28808m	0.221	ng/ul	
21) Benzo(a)anthracene	21.528	228	12774	0.132	ng/ul#	92
22) Chrysene	21.581	228	16078	0.160	ng/ul#	94
24) Benzo(b)fluoranthene	23.258	252	21144m	0.250	ng/ul	
25) Benzo(k)fluoranthene	23.305	252	6908m	0.081	ng/ul	
26) Benzo(a)pyrene	23.902	252	12216	0.166	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.587	276	10303	0.128	ng/ul#	75
29) Benzo(g,h,i)perylene	27.388	276	9378	0.131	ng/ul#	87

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

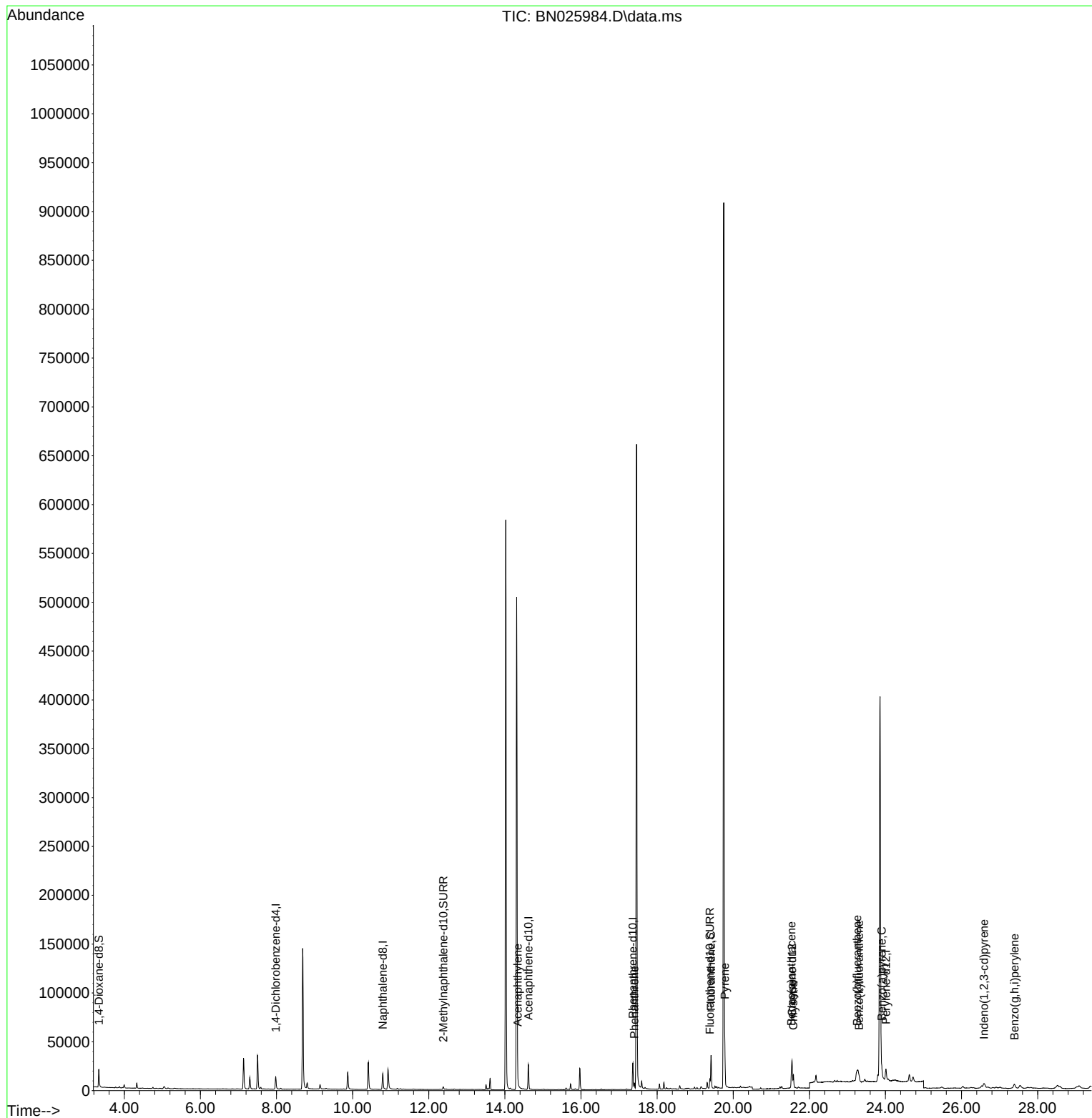
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
Data File : BN025984.D
Acq On : 24 Jun 2023 01:07
Operator : MA/JU
Sample : 03085-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

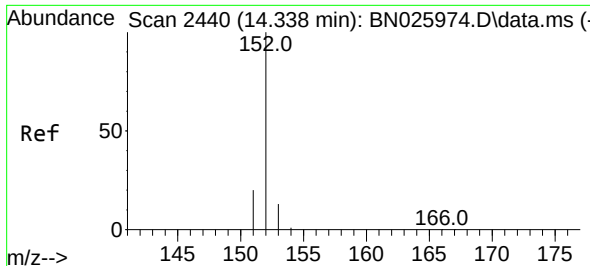
Instrument :
BNA_N
ClientSampleId :
DCFP2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023

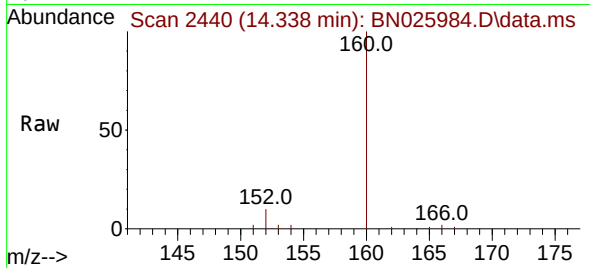
Quant Time: Jun 24 02:48:47 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.041 ng/ul
RT: 14.338 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BN025984.D
Acq: 24 Jun 2023 01:07

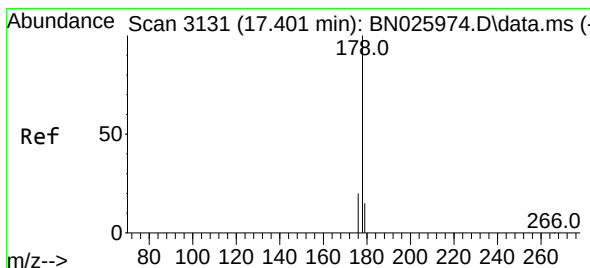
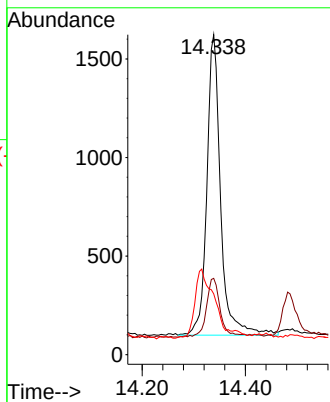
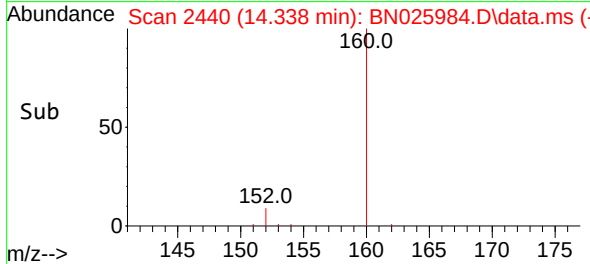
Instrument :
BNA_N
ClientSampleId :
DCFP2



Tgt Ion:152 Resp: 281
Ion Ratio Lower Upper
152 100
151 23.8 16.2 24.4
153 19.0 10.9 16.3

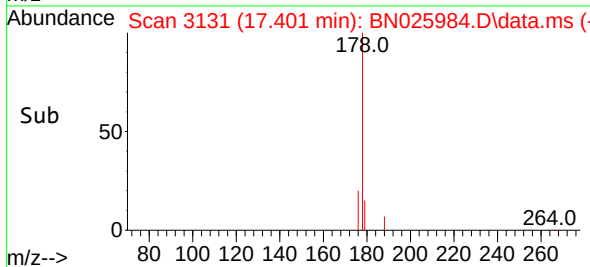
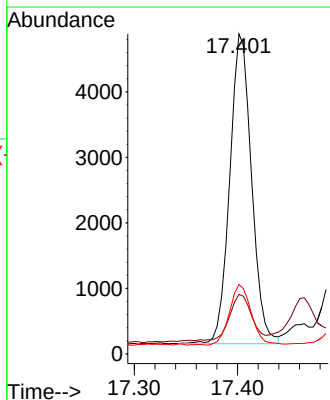
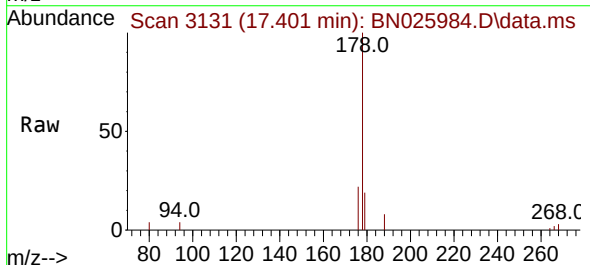
Manual Integrations
APPROVED

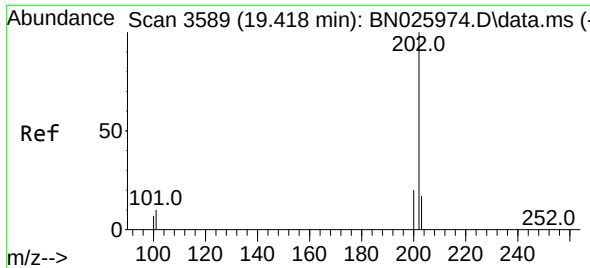
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#15
Phenanthrene
Concen: 0.064 ng/ul
RT: 17.401 min Scan# 3131
Delta R.T. -0.005 min
Lab File: BN025984.D
Acq: 24 Jun 2023 01:07

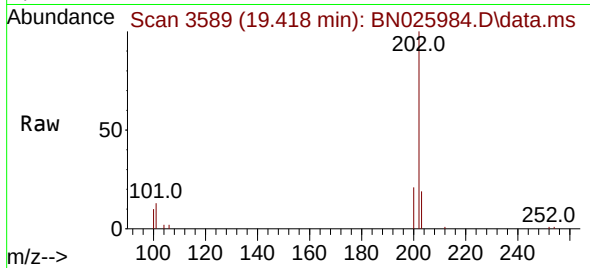
Tgt Ion:178 Resp: 6931
Ion Ratio Lower Upper
178 100
179 18.6 12.6 19.0
176 21.7 15.8 23.6





#19
Fluoranthene
Concen: 0.238 ng/ul
RT: 19.418 min Scan# 3589
Delta R.T. -0.001 min
Lab File: BN025984.D
Acq: 24 Jun 2023 01:07

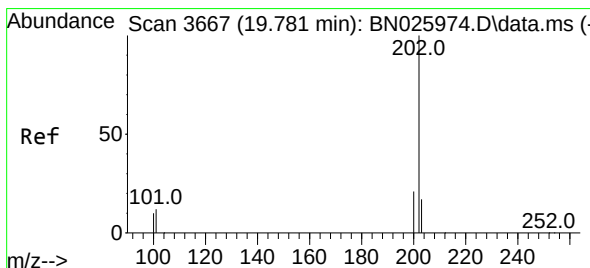
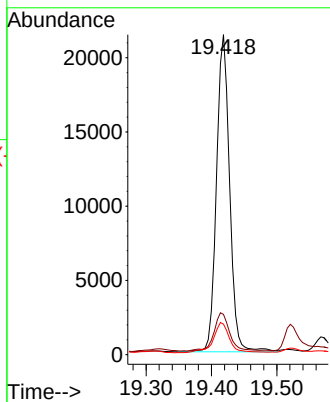
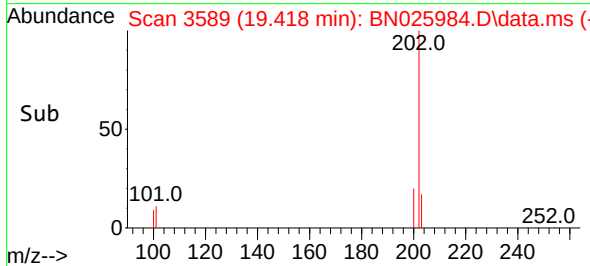
Instrument :
BNA_N
ClientSampleId :
DCFP2



Tgt Ion:202 Resp: 29829
Ion Ratio Lower Upper
202 100
101 12.6 9.5 14.3
100 9.5 7.3 10.9

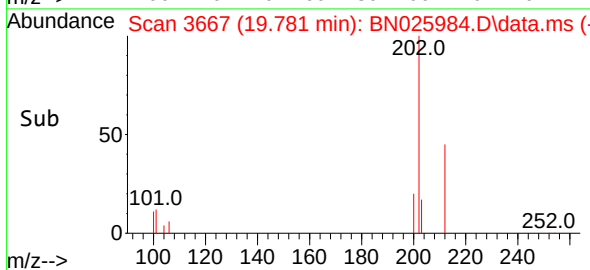
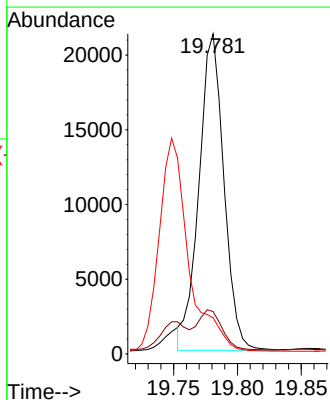
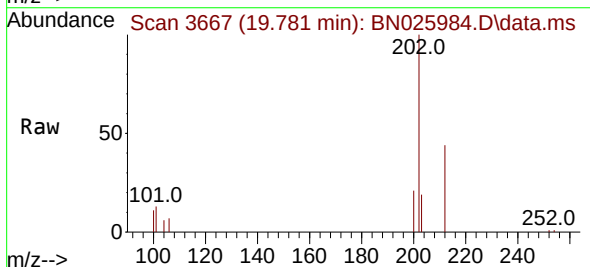
Manual Integrations
APPROVED

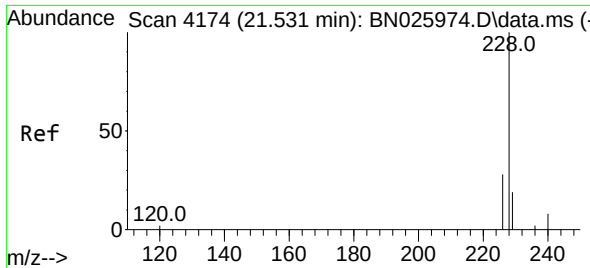
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#20
Pyrene
Concen: 0.221 ng/ul m
RT: 19.781 min Scan# 3667
Delta R.T. -0.001 min
Lab File: BN025984.D
Acq: 24 Jun 2023 01:07

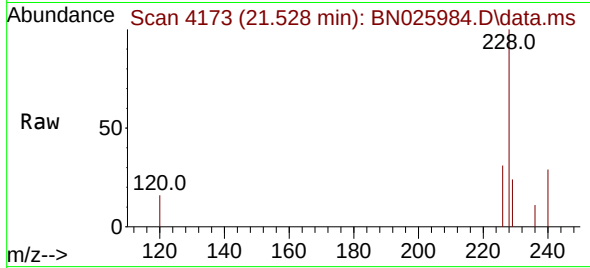
Tgt Ion:202 Resp: 28808
Ion Ratio Lower Upper
202 100
101 13.3 11.4 17.0
100 11.3 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.132 ng/ul
RT: 21.528 min Scan# 4174
Delta R.T. -0.004 min
Lab File: BN025984.D
Acq: 24 Jun 2023 01:07

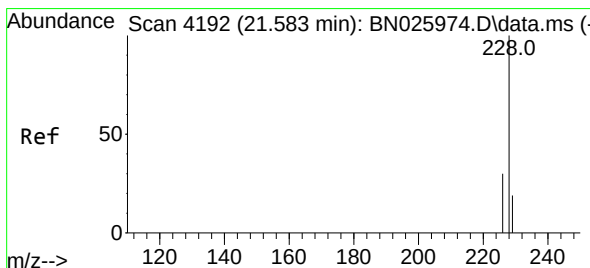
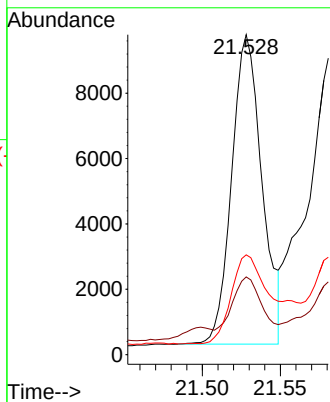
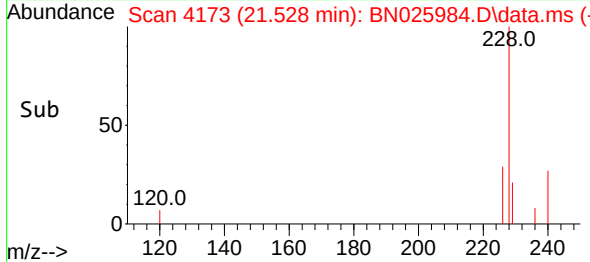
Instrument :
BNA_N
ClientSampleId :
DCFP2



Tgt Ion:228 Resp: 12774
Ion Ratio Lower Upper
228 100
229 24.3 15.8 23.6
226 31.2 22.5 33.7

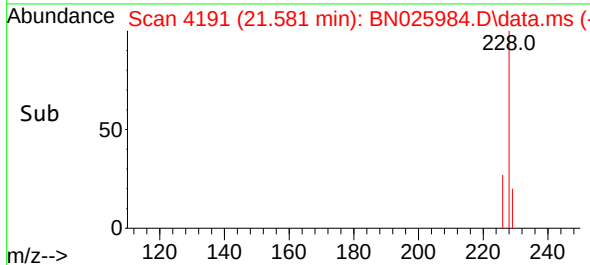
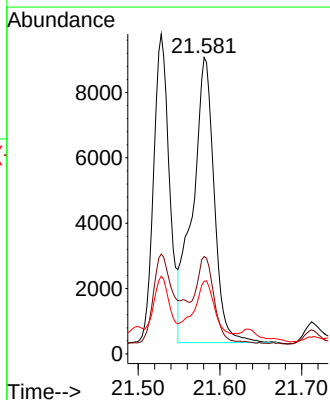
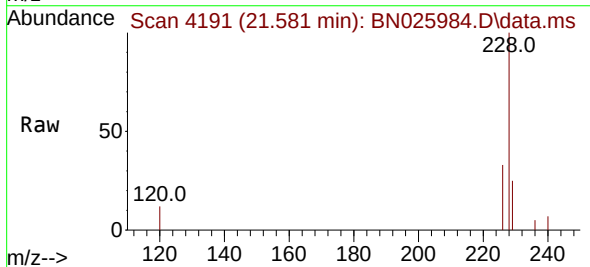
Manual Integrations
APPROVED

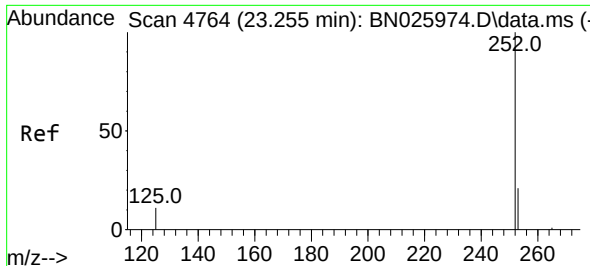
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#22
Chrysene
Concen: 0.160 ng/ul
RT: 21.581 min Scan# 4191
Delta R.T. -0.004 min
Lab File: BN025984.D
Acq: 24 Jun 2023 01:07

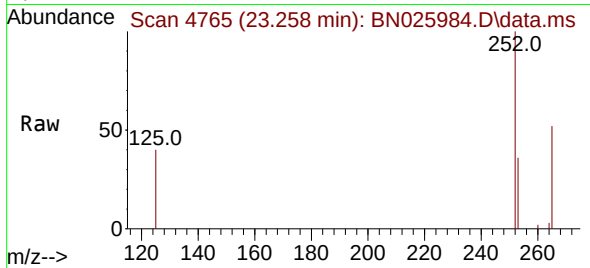
Tgt Ion:228 Resp: 16078
Ion Ratio Lower Upper
228 100
226 32.9 24.8 37.2
229 24.5 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 0.250 ng/ul m
RT: 23.258 min Scan# 4765
Delta R.T. 0.002 min
Lab File: BN025984.D
Acq: 24 Jun 2023 01:07

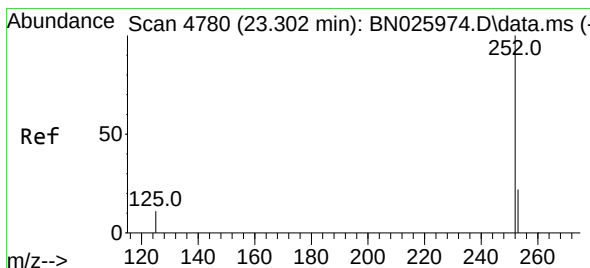
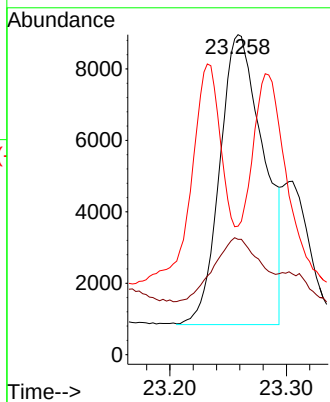
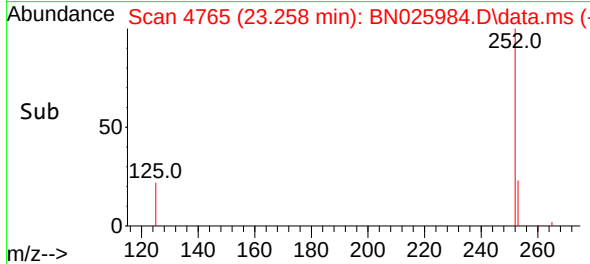
Instrument :
BNA_N
ClientSampleId :
DCFP2



Tgt Ion:252 Resp: 21144
Ion Ratio Lower Upper
252 100
253 36.0 0.0 55.6
125 40.2 0.0 35.8

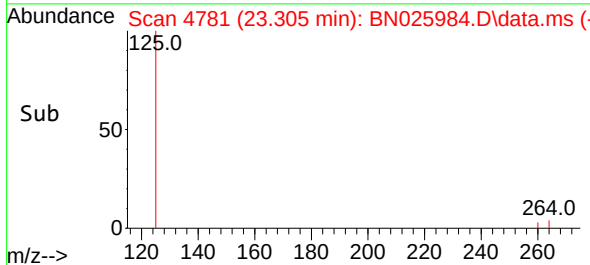
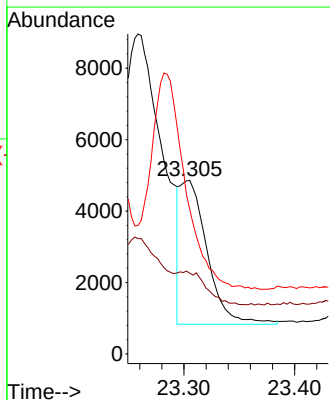
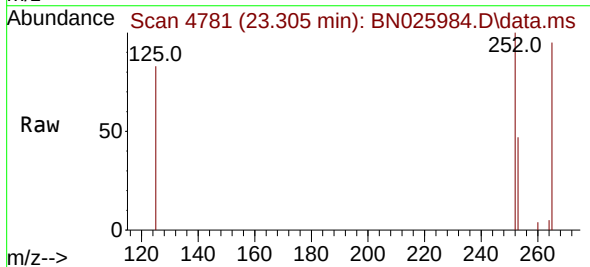
Manual Integrations
APPROVED

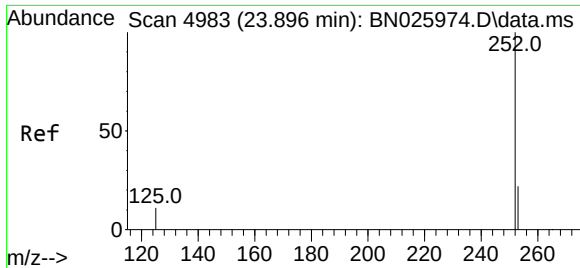
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#25
Benzo(k)fluoranthene
Concen: 0.081 ng/ul m
RT: 23.305 min Scan# 4781
Delta R.T. -0.004 min
Lab File: BN025984.D
Acq: 24 Jun 2023 01:07

Tgt Ion:252 Resp: 6908
Ion Ratio Lower Upper
252 100
253 46.5 23.2 34.8#
125 82.9 15.0 22.4#





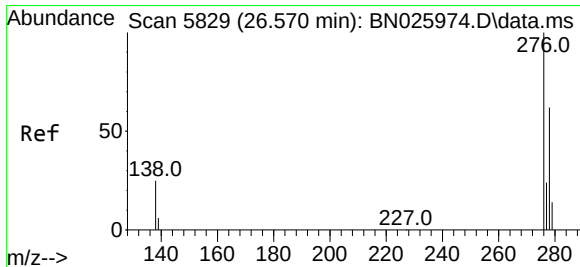
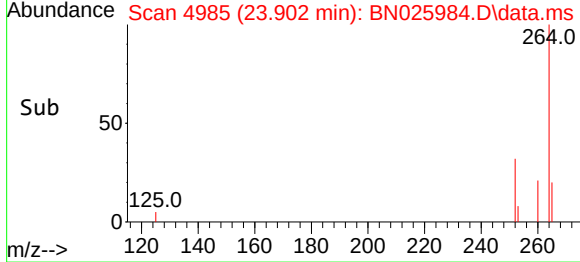
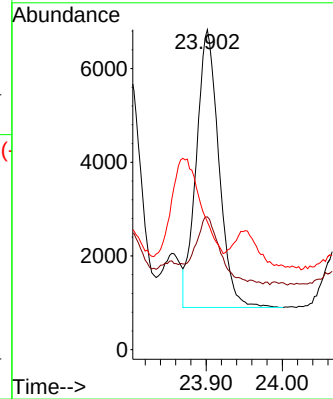
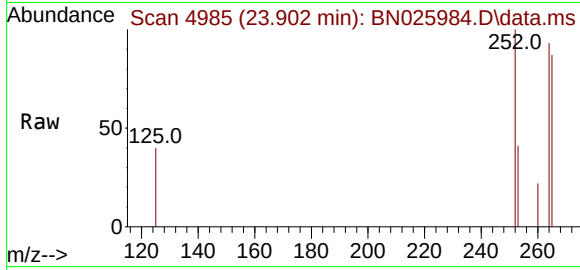
#26
Benzo(a)pyrene
Concen: 0.166 ng/ul
RT: 23.902 min Scan# 4983
Delta R.T. -0.007 min
Lab File: BN025984.D
Acq: 24 Jun 2023 01:07

Instrument :
BNA_N
ClientSampleId :
DCFP2

Tgt Ion:	252	Resp:	12210
Ion Ratio	Lower	Upper	
252	100		
253	41.5	26.0	39.0
125	39.9	17.3	25.9

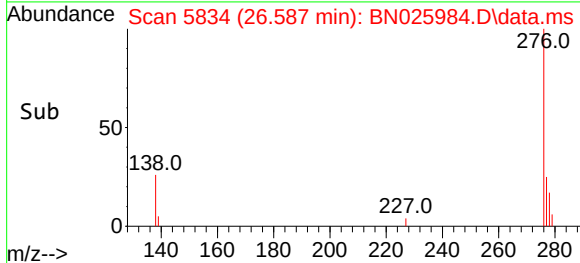
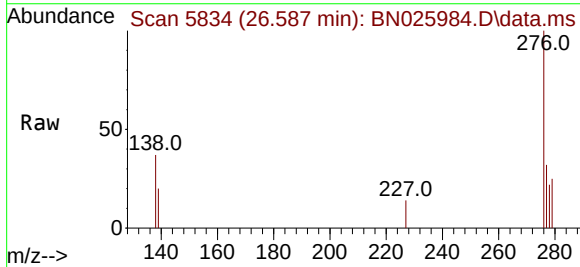
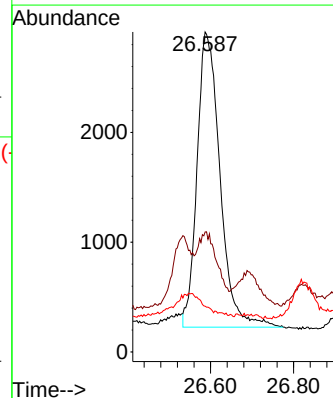
Manual Integrations
APPROVED

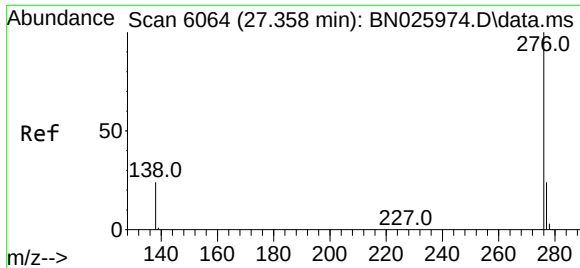
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.128 ng/ul
RT: 26.587 min Scan# 5834
Delta R.T. -0.008 min
Lab File: BN025984.D
Acq: 24 Jun 2023 01:07

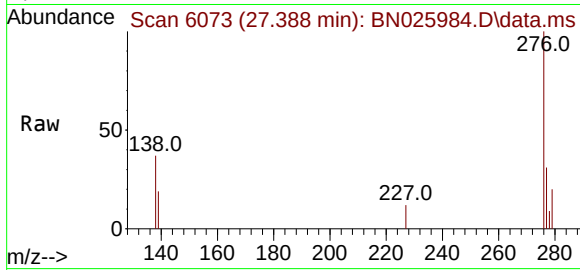
Tgt Ion:	276	Resp:	10303
Ion Ratio	Lower	Upper	
276	100		
138	44.3	24.5	36.7
227	0.0	0.0	0.0





#29
 Benzo(g,h,i)perylene
 Concen: 0.131 ng/ul
 RT: 27.388 min Scan# 6064
 Delta R.T. 0.003 min
 Lab File: BN025984.D
 Acq: 24 Jun 2023 01:07

Instrument :
 BNA_N
 ClientSampleId :
 DCFP2



Tgt Ion: 276 Resp: 9378

Ion	Ratio	Lower	Upper
276	100		
138	36.8	23.4	35.0
277	31.1	20.0	30.0

Manual Integrations
 APPROVED

Reviewed By : Yogesh Patel 06/24/2023
 Supervised By : mohammad ahmed 06/25/2023

