

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
 Data File : BN035244.D
 Acq On : 22 Nov 2024 16:34
 Operator : RC/JU
 Sample : P4872-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E29Y1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 22 18:01:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 22 12:45:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.322	152	3534	0.400	ng/ul	0.00
4) Naphthalene-d8	10.069	136	9264	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.981	164	5813	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.747	188	12375m	0.400	ng/ul	0.00
17) Chrysene-d12	20.990	240	7697	0.400	ng/ul	# 0.00
23) Perylene-d12	23.092	264	7318m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.976	96	9812	3.038	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.670	152	2730	0.201	ng/ul	0.00
18) Fluoranthene-d10	18.800	212	6798	0.320	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	13.694	152	2110	0.092	ng/ul#	92
15) Phenanthrene	16.789	178	3243	0.099	ng/ul	94
16) Anthracene	16.878	178	1246	0.041	ng/ul#	85
19) Fluoranthene	18.828	202	10376	0.387	ng/ul#	92
20) Pyrene	19.195	202	8488m	0.304	ng/ul	
21) Benzo(a)anthracene	20.973	228	4294m	0.161	ng/ul	
22) Chrysene	21.026	228	4332	0.161	ng/ul	95
24) Benzo(b)fluoranthene	22.478	252	5941m	0.246	ng/ul	
25) Benzo(k)fluoranthene	22.513	252	2663m	0.107	ng/ul	
26) Benzo(a)pyrene	23.001	252	4830m	0.218	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.141	276	3164m	0.106	ng/ul	
28) Dibenzo(a,h)anthracene	25.148	278	720m	0.031	ng/ul	
29) Benzo(g,h,i)perylene	25.758	276	3131m	0.133	ng/ul	

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

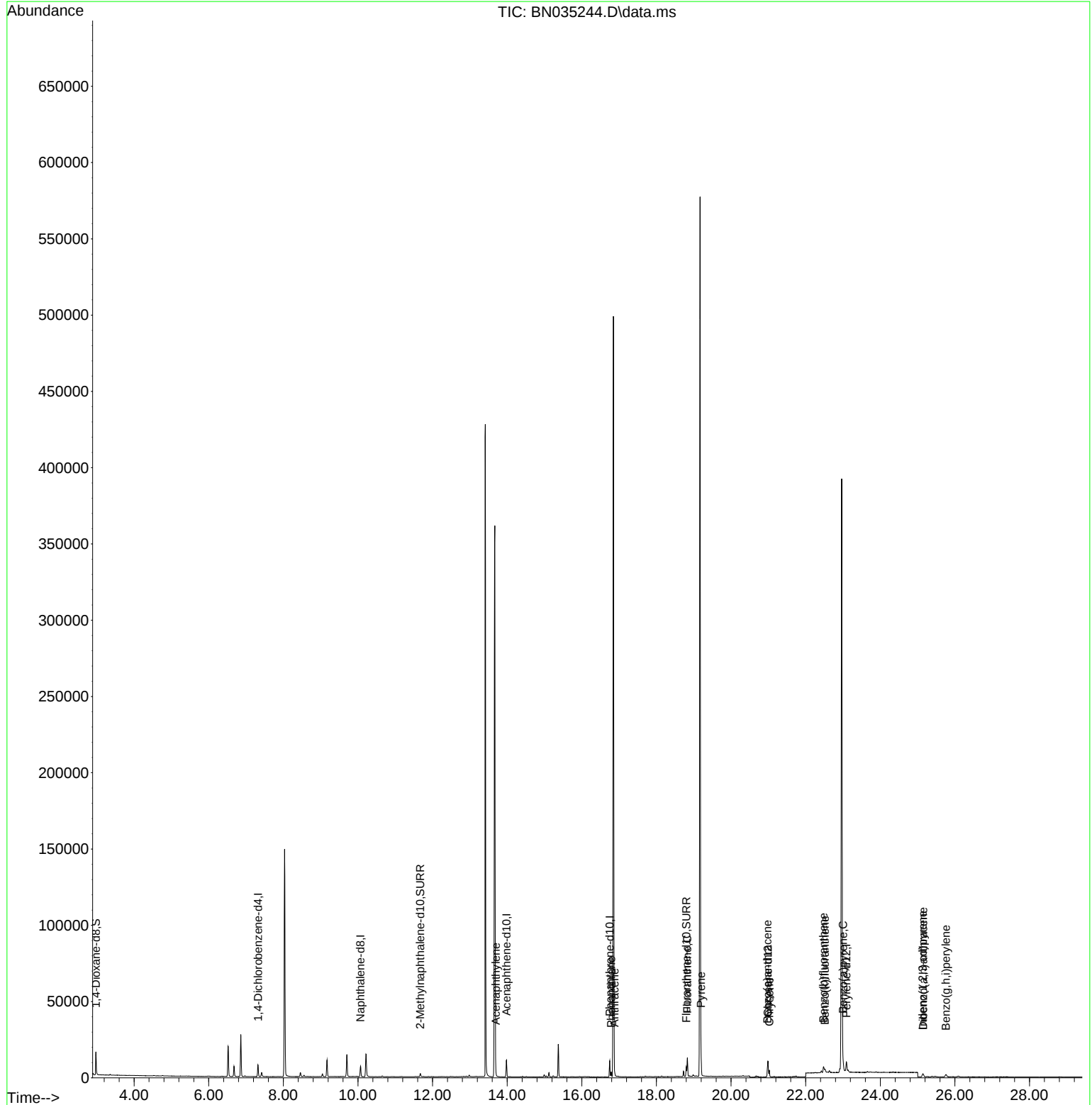
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
Data File : BN035244.D
Acq On : 22 Nov 2024 16:34
Operator : RC/JU
Sample : P4872-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

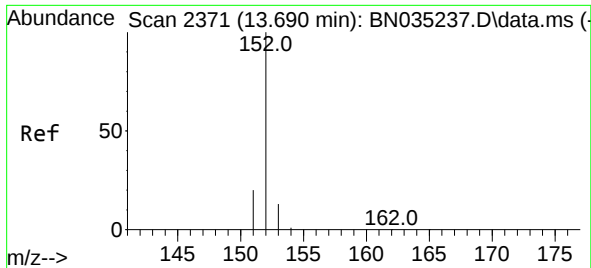
Instrument :
BNA_N
ClientSampleId :
E29Y1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024

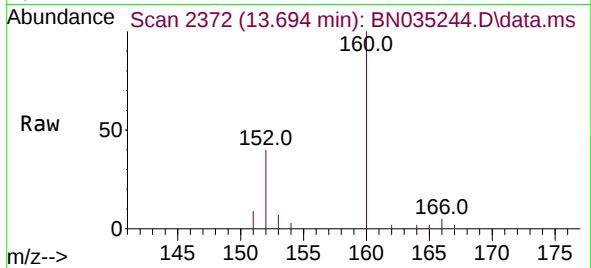
Quant Time: Nov 22 18:01:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN11624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 12:45:23 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.092 ng/ul
RT: 13.694 min Scan# 2110
Delta R.T. 0.005 min
Lab File: BN035244.D
Acq: 22 Nov 2024 16:34

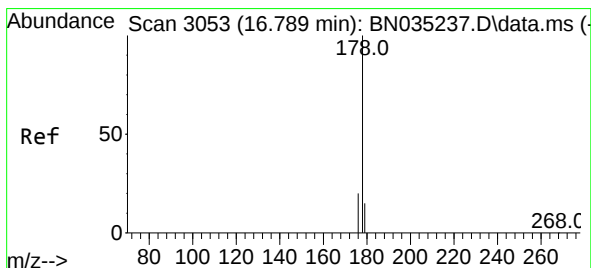
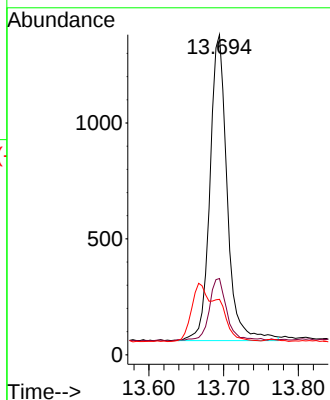
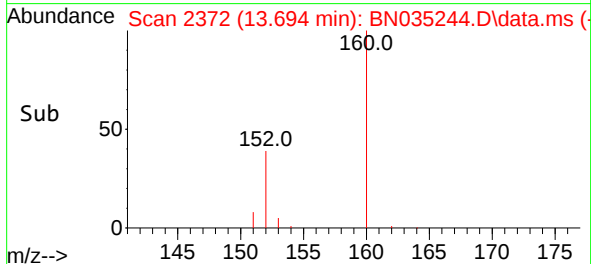
Instrument :
BNA_N
ClientSampleId :
E29Y1



Tgt Ion:152 Resp: 2110
Ion Ratio Lower Upper
152 100
151 23.8 16.4 24.6
153 17.3 11.1 16.7

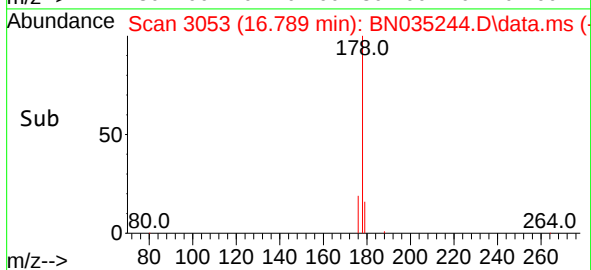
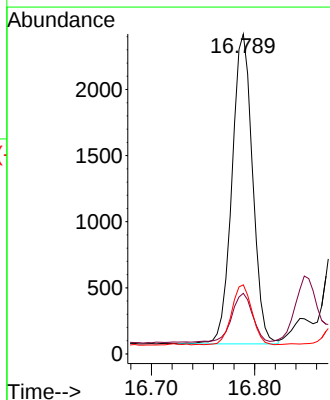
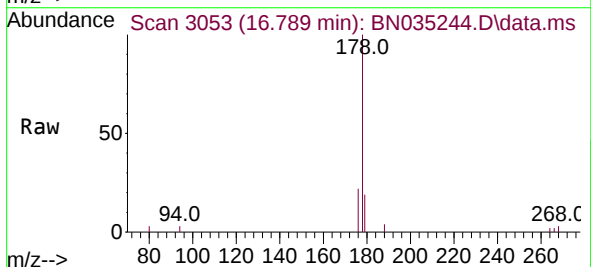
Manual Integrations
APPROVED

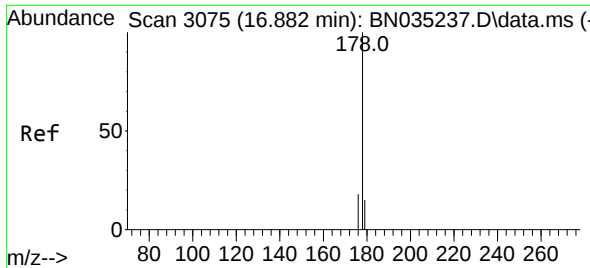
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#15
Phenanthrene
Concen: 0.099 ng/ul
RT: 16.789 min Scan# 3053
Delta R.T. -0.000 min
Lab File: BN035244.D
Acq: 22 Nov 2024 16:34

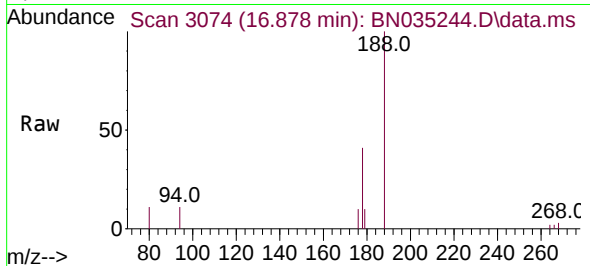
Tgt Ion:178 Resp: 3243
Ion Ratio Lower Upper
178 100
179 18.9 12.9 19.3
176 21.6 15.6 23.4





#16
 Anthracene
 Concen: 0.041 ng/ul
 RT: 16.878 min Scan# 3075
 Delta R.T. -0.004 min
 Lab File: BN035244.D
 Acq: 22 Nov 2024 16:34

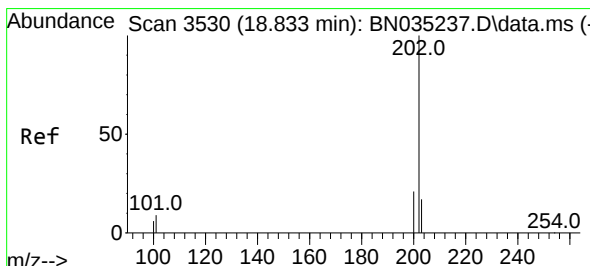
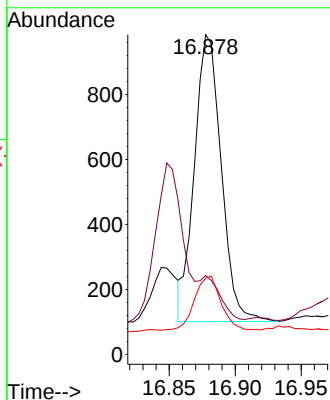
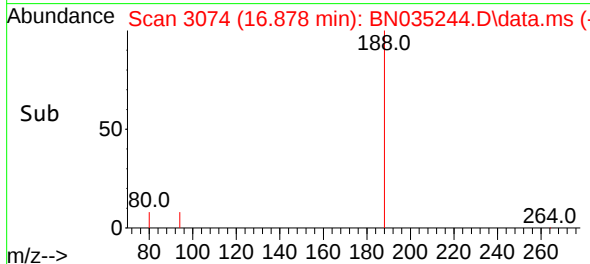
Instrument :
 BNA_N
 ClientSampleId :
 E29Y1



Tgt Ion:178 Resp: 1240
 Ion Ratio Lower Upper
 178 100
 179 24.7 12.9 19.3#
 176 23.9 15.4 23.2#

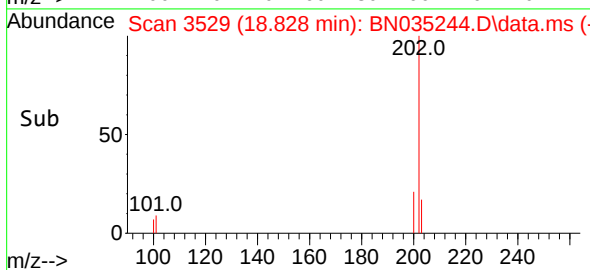
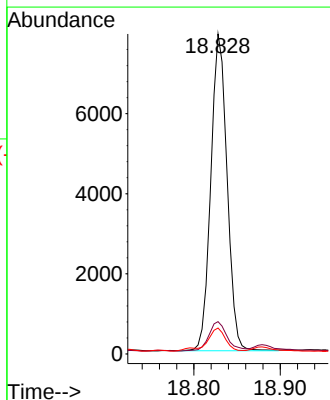
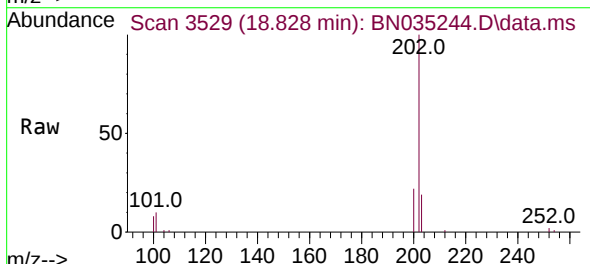
Manual Integrations
 APPROVED

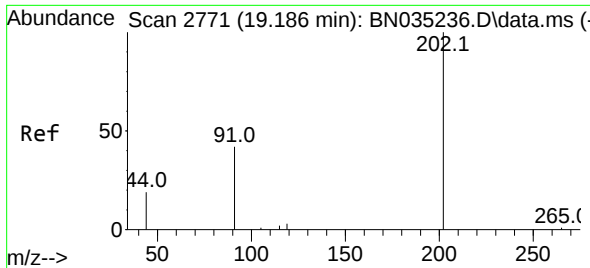
Reviewed By :Jagrut Upadhyay 11/26/2024
 Supervised By :mohammad ahmed 11/27/2024



#19
 Fluoranthene
 Concen: 0.387 ng/ul
 RT: 18.828 min Scan# 3529
 Delta R.T. -0.005 min
 Lab File: BN035244.D
 Acq: 22 Nov 2024 16:34

Tgt Ion:202 Resp: 10376
 Ion Ratio Lower Upper
 202 100
 101 10.1 5.8 8.6#
 100 8.1 4.5 6.7#





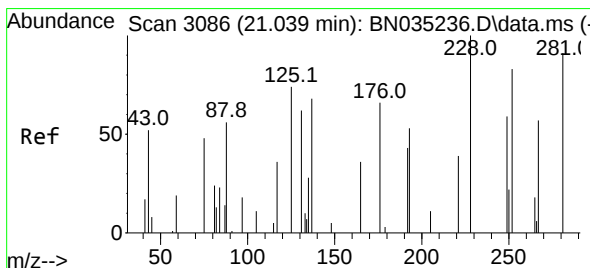
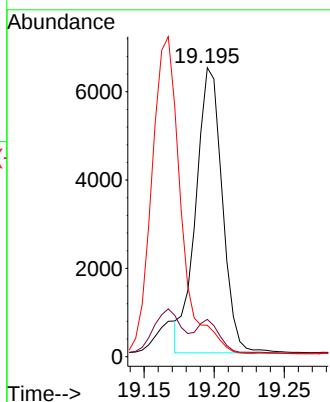
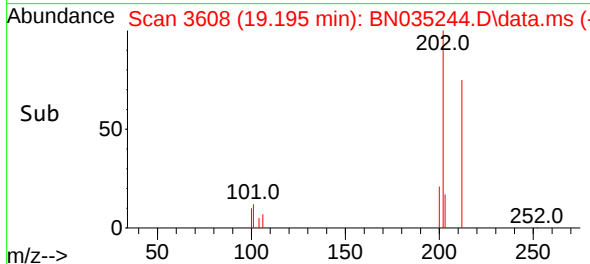
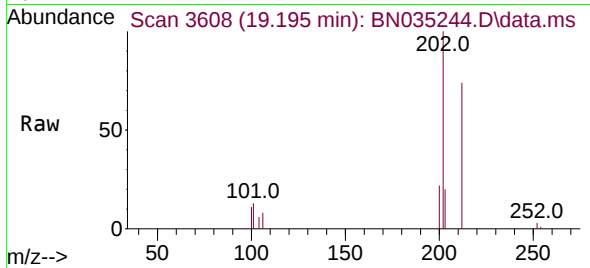
#20
Pyrene
Concen: 0.304 ng/ul m
RT: 19.195 min Scan# 3088
Delta R.T. -0.005 min
Lab File: BN035244.D
Acq: 22 Nov 2024 16:34

Instrument :
BNA_N
ClientSampleId :
E29Y1

Tgt Ion:202 Resp: 848
Ion Ratio Lower Upper
202 100
101 12.9 6.2 9.4
100 10.9 5.1 7.7

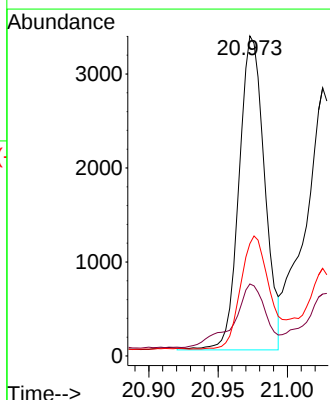
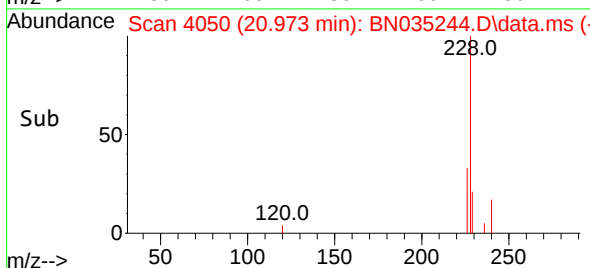
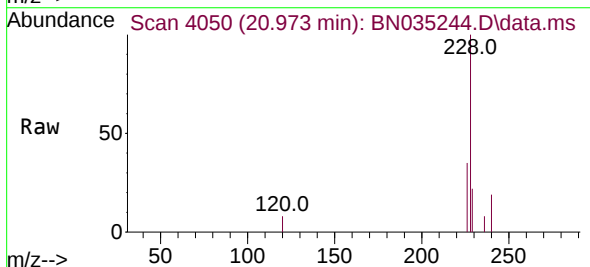
Manual Integrations
APPROVED

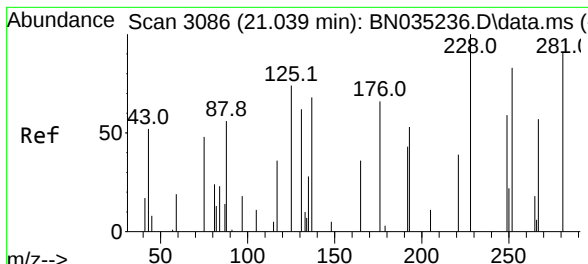
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#21
Benzo(a)anthracene
Concen: 0.161 ng/ul m
RT: 20.973 min Scan# 4050
Delta R.T. -0.006 min
Lab File: BN035244.D
Acq: 22 Nov 2024 16:34

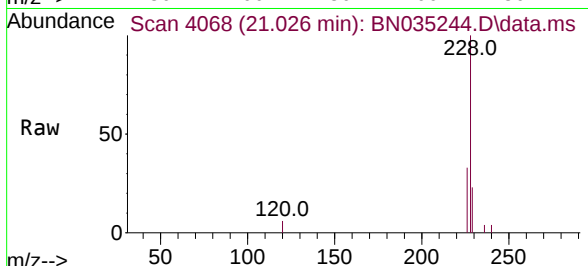
Tgt Ion:228 Resp: 4294
Ion Ratio Lower Upper
228 100
229 22.5 15.8 23.8
226 35.1 21.8 32.8





#22
Chrysene
Concen: 0.161 ng/ul
RT: 21.026 min Scan# 4068
Delta R.T. -0.003 min
Lab File: BN035244.D
Acq: 22 Nov 2024 16:34

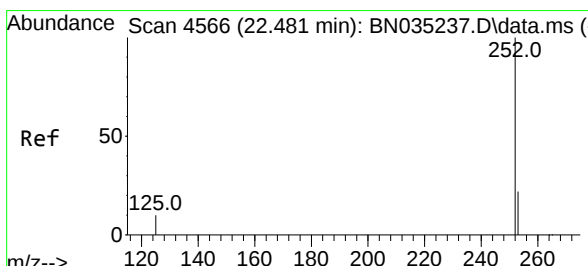
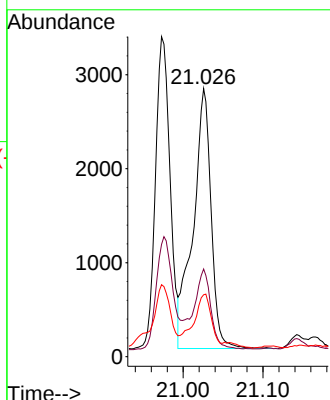
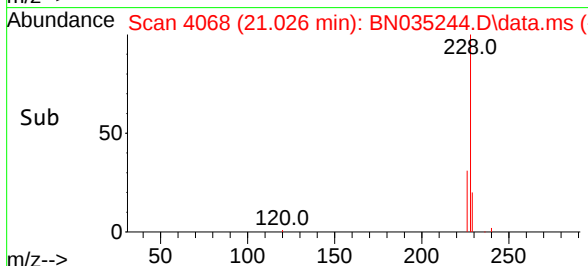
Instrument :
BNA_N
ClientSampleId :
E29Y1



Tgt Ion:228 Resp: 433
Ion Ratio Lower Upper
228 100
226 32.7 24.7 37.1
229 23.1 16.0 24.0

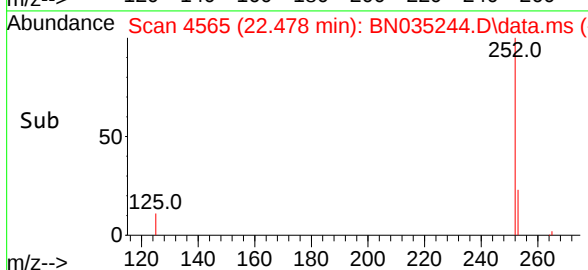
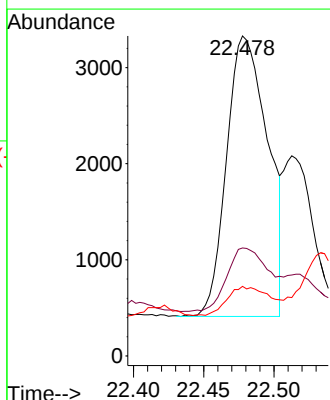
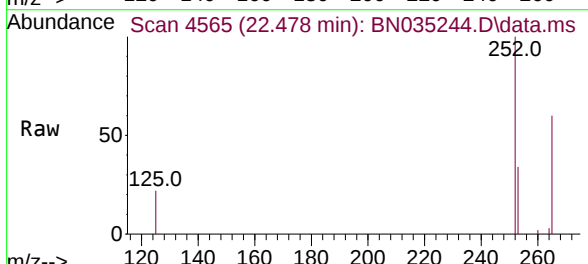
Manual Integrations
APPROVED

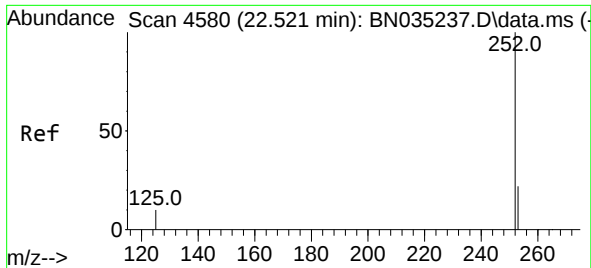
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#24
Benzo(b)fluoranthene
Concen: 0.246 ng/ul m
RT: 22.478 min Scan# 4565
Delta R.T. -0.003 min
Lab File: BN035244.D
Acq: 22 Nov 2024 16:34

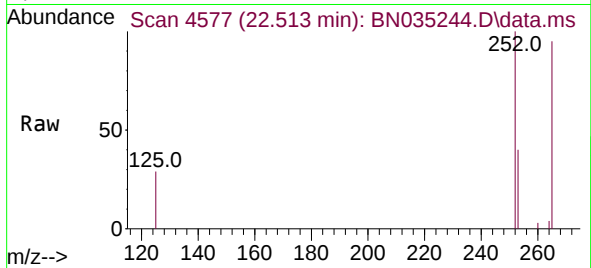
Tgt Ion:252 Resp: 5941
Ion Ratio Lower Upper
252 100
253 33.8 0.0 54.0
125 21.7 0.0 19.4#





#25
Benzo(k)fluoranthene
Concen: 0.107 ng/ul m
RT: 22.513 min Scan# 4577
Delta R.T. -0.009 min
Lab File: BN035244.D
Acq: 22 Nov 2024 16:34

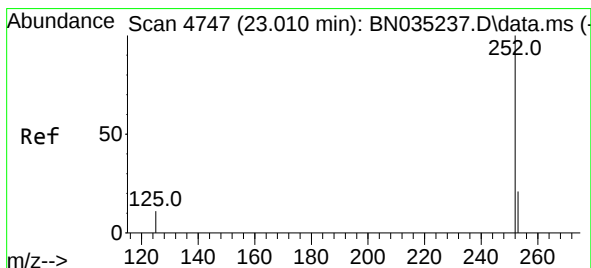
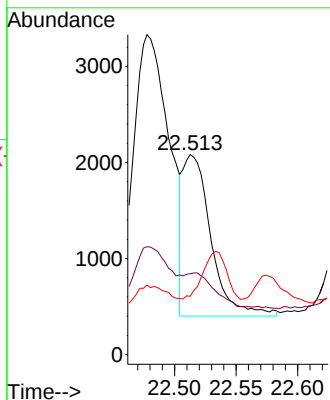
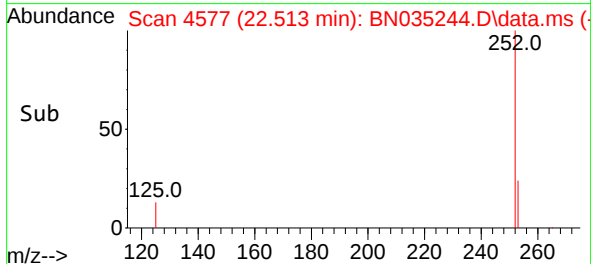
Instrument :
BNA_N
ClientSampleId :
E29Y1



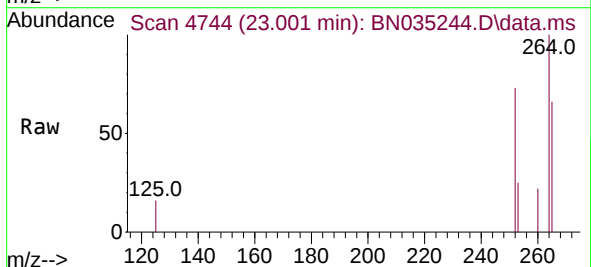
Tgt Ion:252 Resp: 266
Ion Ratio Lower Upper
252 100
253 40.4 21.8 32.6
125 29.2 8.6 12.8

Manual Integrations
APPROVED

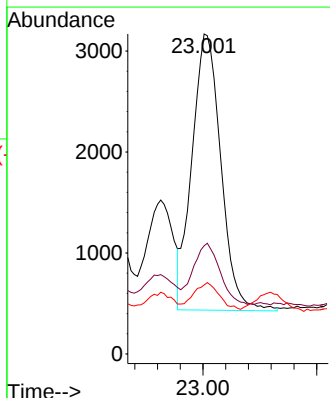
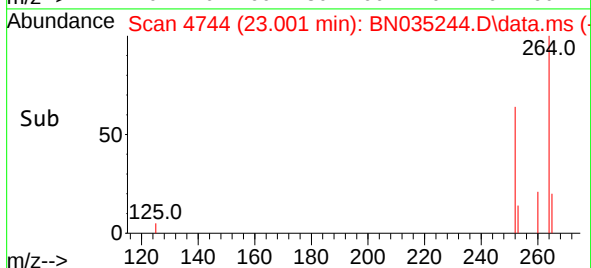
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024

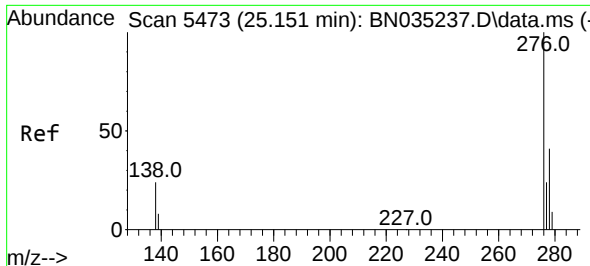


#26
Benzo(a)pyrene
Concen: 0.218 ng/ul m
RT: 23.001 min Scan# 4744
Delta R.T. -0.009 min
Lab File: BN035244.D
Acq: 22 Nov 2024 16:34



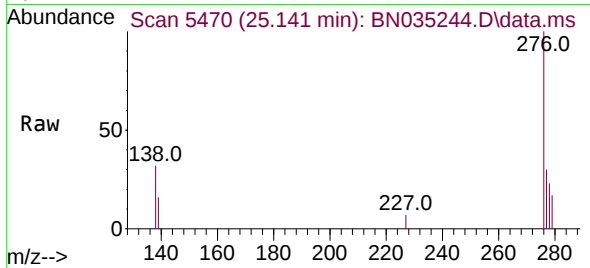
Tgt Ion:252 Resp: 4830
Ion Ratio Lower Upper
252 100
253 33.8 22.9 34.3
125 21.6 9.4 14.2





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.106 ng/ul m
RT: 25.141 min Scan# 5473
Delta R.T. -0.010 min
Lab File: BN035244.D
Acq: 22 Nov 2024 16:34

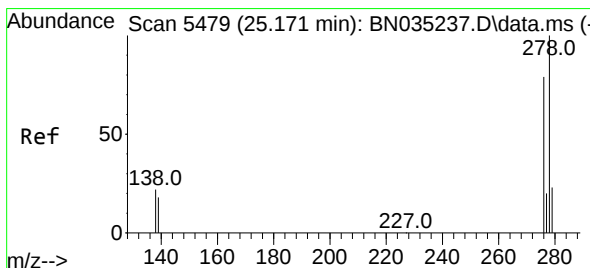
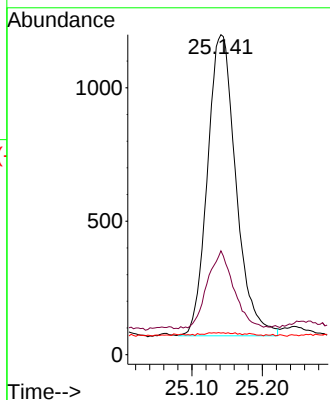
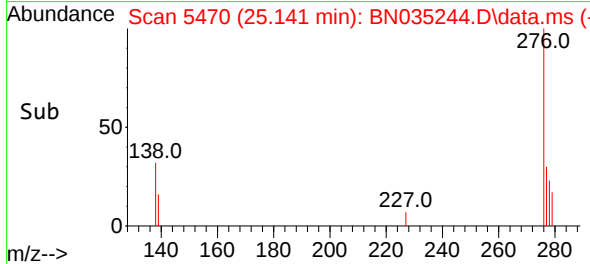
Instrument :
BNA_N
ClientSampleId :
E29Y1



Tgt Ion:276 Resp: 3164
Ion Ratio Lower Upper
276 100
138 0.0 13.8 20.8#
227 0.0 0.2 0.4#

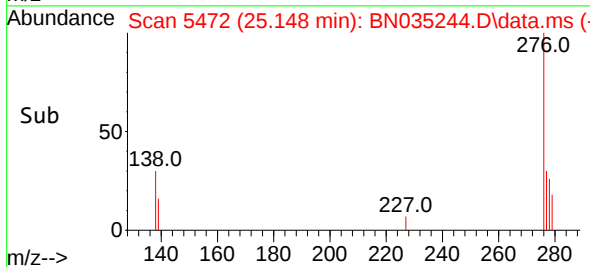
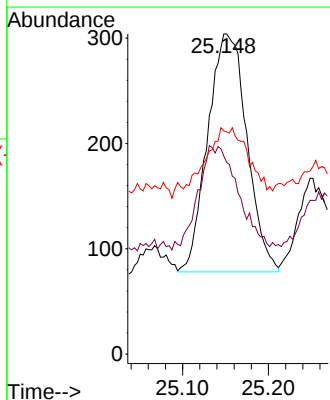
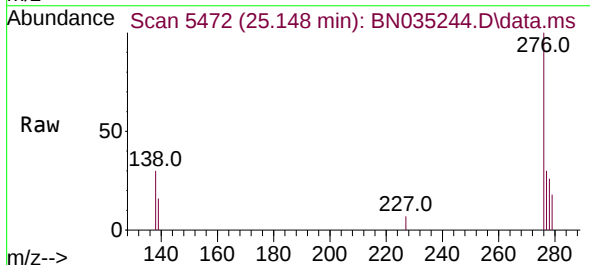
Manual Integrations
APPROVED

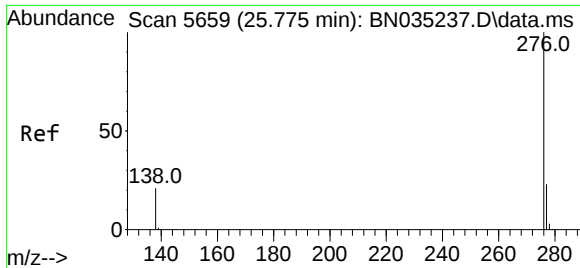
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#28
Dibenzo(a,h)anthracene
Concen: 0.031 ng/ul m
RT: 25.148 min Scan# 5472
Delta R.T. -0.023 min
Lab File: BN035244.D
Acq: 22 Nov 2024 16:34

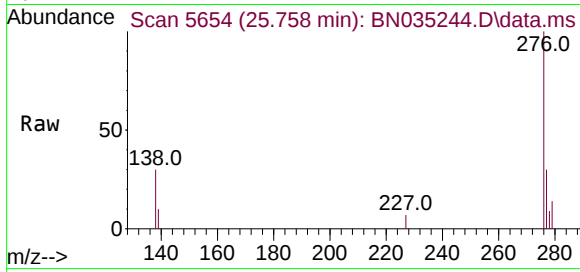
Tgt Ion:278 Resp: 720
Ion Ratio Lower Upper
278 100
139 61.8 10.7 16.1#
279 69.7 22.8 34.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.133 ng/ul m
 RT: 25.758 min Scan# 50
 Delta R.T. -0.017 min
 Lab File: BN035244.D
 Acq: 22 Nov 2024 16:34

Instrument :
 BNA_N
 ClientSampleId :
 E29Y1



Tgt Ion: 276 Resp: 313

Ion	Ratio	Lower	Upper
276	100		
138	29.7	13.0	19.6
277	29.6	20.5	30.7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2024
 Supervised By :mohammad ahmed 11/27/2024

