

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033100.D
 Acq On : 30 Jul 2024 11:26
 Operator : MA/JU
 Sample : P3336-09
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E37

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 30 12:41:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 23:04:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.491	152	1577	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.246	136	5945	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.134	164	4037	0.400	ng/ul	#-0.04
13) Phenanthrene-d10	16.899	188	9065m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.128	240	8166m	0.400	ng/ul	-0.03
23) Perylene-d12	23.311	264	7575m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	11089	5.559	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.862	152	3793	0.391	ng/ul	-0.05
18) Fluoranthene-d10	18.944	212	10632	0.460	ng/ul	-0.04
Target Compounds						
						Qvalue
5) Naphthalene	10.295	128	74629	4.888	ng/ul#	92
7) 2-Methylnaphthalene	11.939	142	8957	0.866	ng/ul	96
8) 1-Methylnaphthalene	12.159	142	3933	0.352	ng/ul	99
10) Acenaphthylene	13.856	152	21252	1.286	ng/ul	98
11) Acenaphthene	14.199	153	36907	2.970	ng/ul	99
12) Fluorene	15.198	166	84127	5.808	ng/ul	99
15) Phenanthrene	16.941	178	1136882m	46.757	ng/ul	
16) Anthracene	17.034	178	227610m	10.412	ng/ul	
19) Fluoranthene	18.977	202	1185676	44.098	ng/ul	96
20) Pyrene	19.344	202	864787	29.992	ng/ul	96
21) Benzo(a)anthracene	21.110	228	283844m	10.190	ng/ul	
22) Chrysene	21.166	228	224057	6.893	ng/ul	99
24) Benzo(b)fluoranthene	22.656	252	239181m	10.809	ng/ul	
25) Benzo(k)fluoranthene	22.694	252	97500m	3.677	ng/ul	
26) Benzo(a)pyrene	23.212	252	155707	7.477	ng/ul#	72
27) Indeno(1,2,3-cd)pyrene	25.500	276	77241	2.439	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.497	278	17366	0.692	ng/ul	94
29) Benzo(g,h,i)perylene	26.174	276	68167	2.709	ng/ul#	91

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

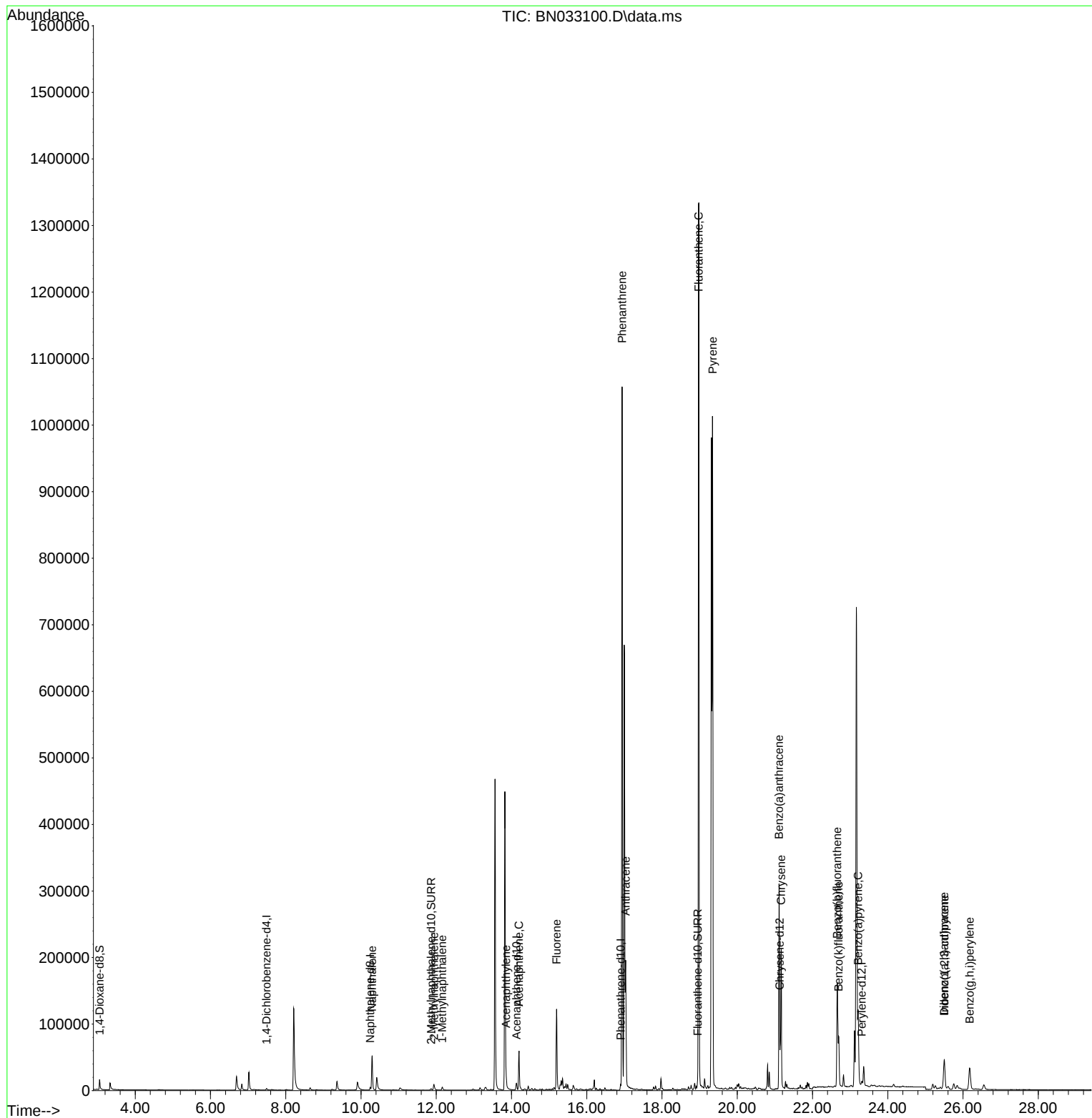
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033100.D
Acq On : 30 Jul 2024 11:26
Operator : MA/JU
Sample : P3336-09
Misc :
ALS Vial : 34 Sample Multiplier: 1

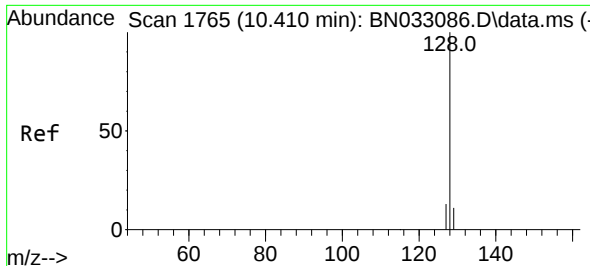
Instrument :
BNA_N
ClientSampleId :
F7E37

Quant Time: Jul 30 12:41:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

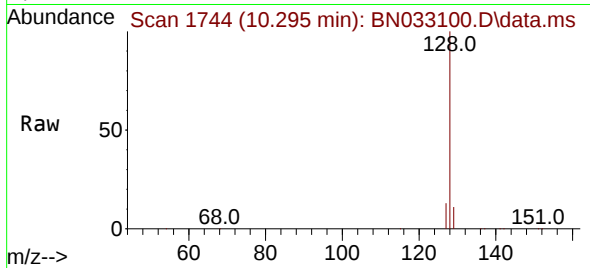
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024





#5
Naphthalene
Concen: 4.888 ng/ul
RT: 10.295 min Scan# 1765
Delta R.T. -0.055 min
Lab File: BN033100.D
Acq: 30 Jul 2024 11:26

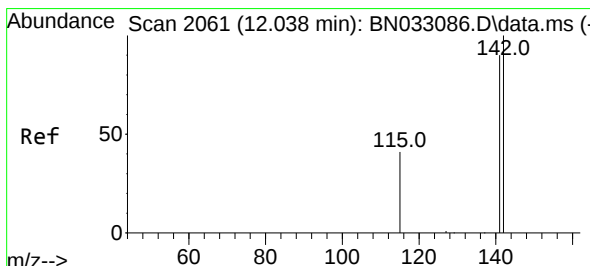
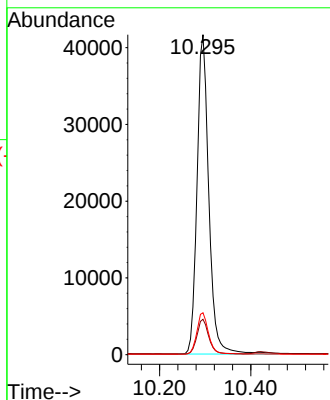
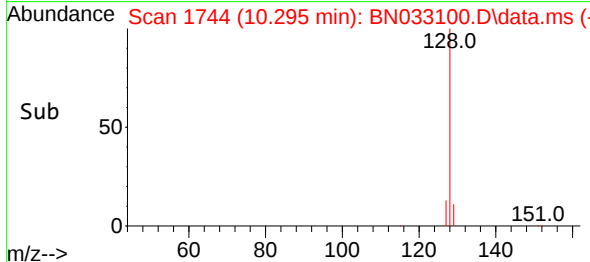
Instrument :
BNA_N
ClientSampleId :
F7E37



Tgt Ion:128 Resp: 74629
Ion Ratio Lower Upper
128 100
129 11.1 12.0 18.0
127 13.1 12.7 19.1

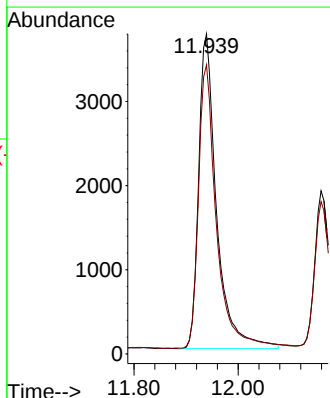
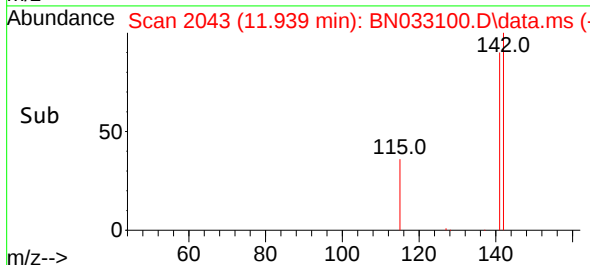
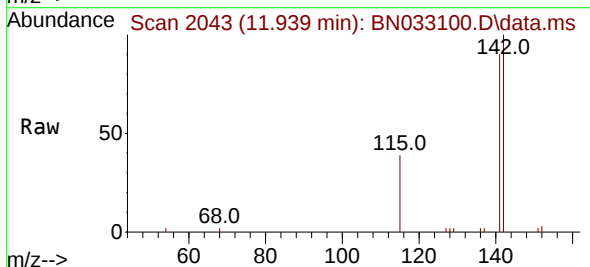
Manual Integrations
APPROVED

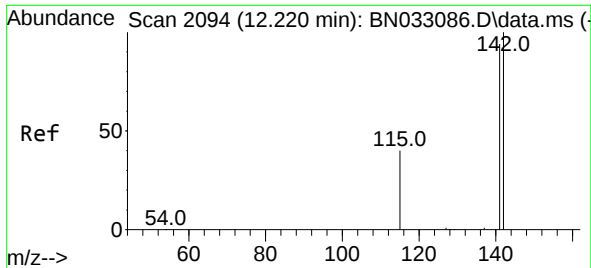
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#7
2-Methylnaphthalene
Concen: 0.866 ng/ul
RT: 11.939 min Scan# 2043
Delta R.T. -0.044 min
Lab File: BN033100.D
Acq: 30 Jul 2024 11:26

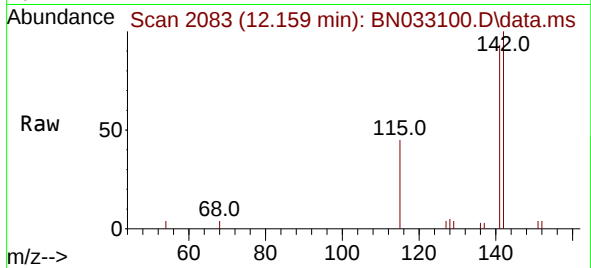
Tgt Ion:142 Resp: 8957
Ion Ratio Lower Upper
142 100
141 90.0 75.2 112.8





#8
1-Methylnaphthalene
Concen: 0.352 ng/ul
RT: 12.159 min Scan# 2094
Delta R.T. -0.038 min
Lab File: BN033100.D
Acq: 30 Jul 2024 11:26

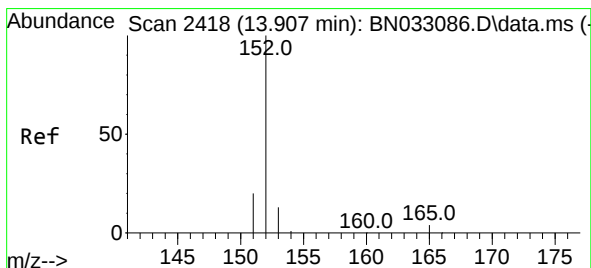
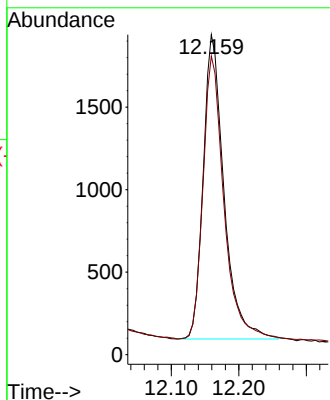
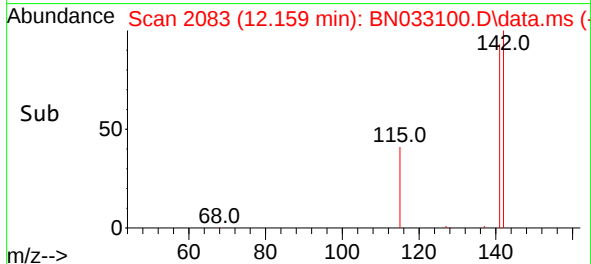
Instrument :
BNA_N
ClientSampleId :
F7E37



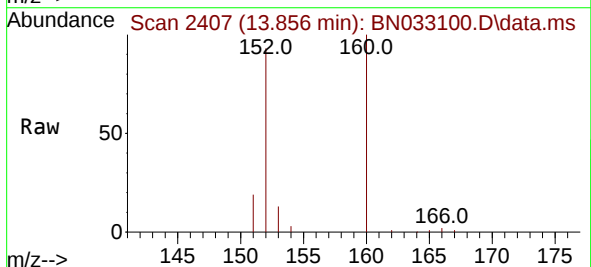
Tgt Ion:142 Resp: 393
Ion Ratio Lower Upper
142 100
141 93.6 74.3 111.5

Manual Integrations
APPROVED

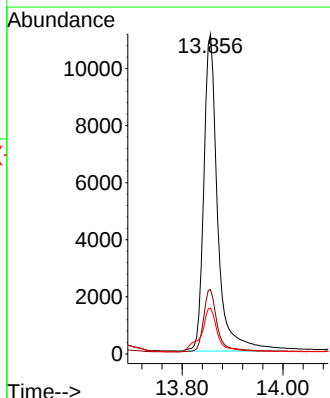
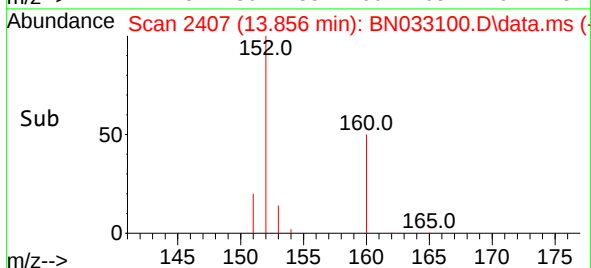
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

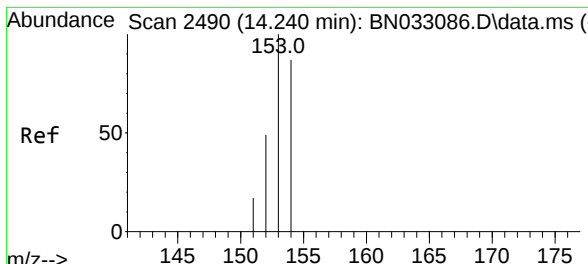


#10
Acenaphthylene
Concen: 1.286 ng/ul
RT: 13.856 min Scan# 2407
Delta R.T. -0.041 min
Lab File: BN033100.D
Acq: 30 Jul 2024 11:26



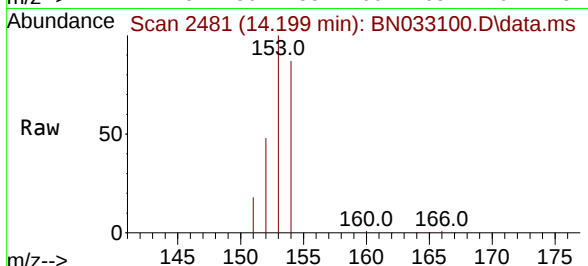
Tgt Ion:152 Resp: 21252
Ion Ratio Lower Upper
152 100
151 20.1 16.8 25.2
153 14.3 11.9 17.9





#11
Acenaphthene
Concen: 2.970 ng/ul
RT: 14.199 min Scan# 2490
Delta R.T. -0.037 min
Lab File: BN033100.D
Acq: 30 Jul 2024 11:26

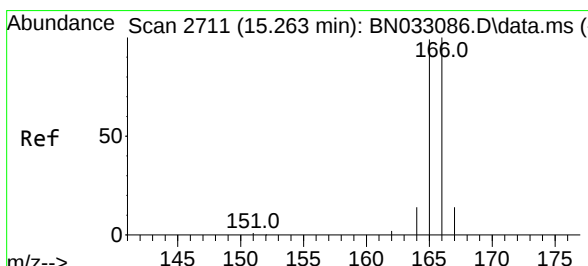
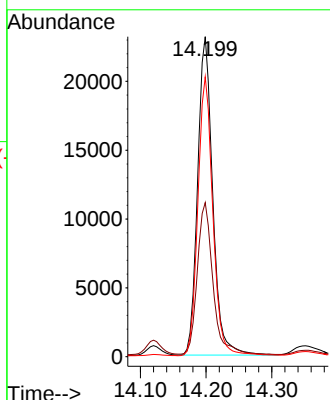
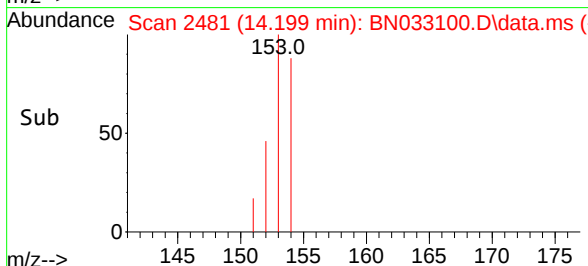
Instrument :
BNA_N
ClientSampleId :
F7E37



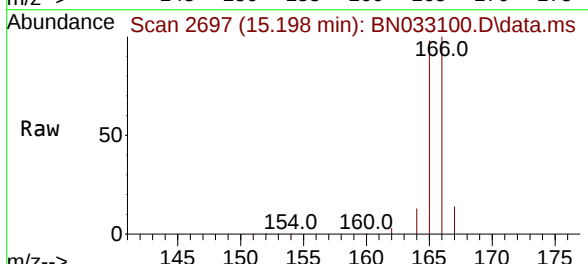
Tgt Ion:153 Resp: 3690
Ion Ratio Lower Upper
153 100
152 48.2 40.0 60.0
154 87.5 70.1 105.1

Manual Integrations
APPROVED

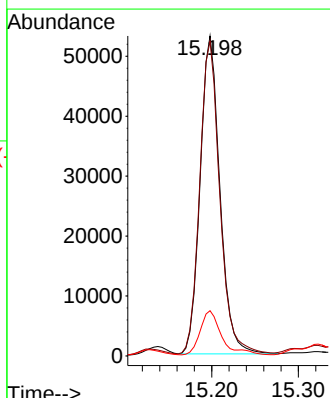
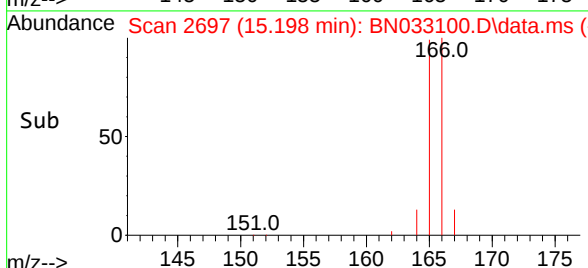
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

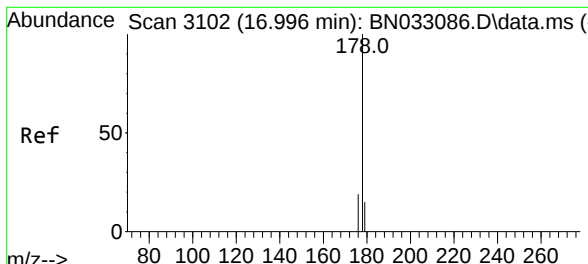


#12
Fluorene
Concen: 5.808 ng/ul
RT: 15.198 min Scan# 2697
Delta R.T. -0.046 min
Lab File: BN033100.D
Acq: 30 Jul 2024 11:26



Tgt Ion:166 Resp: 84127
Ion Ratio Lower Upper
166 100
165 98.4 79.6 119.4
167 14.2 12.2 18.4





#15
 Phenanthrene
 Concen: 46.757 ng/ul m
 RT: 16.941 min Scan# 3089
 Delta R.T. -0.046 min
 Lab File: BN033100.D
 Acq: 30 Jul 2024 11:26

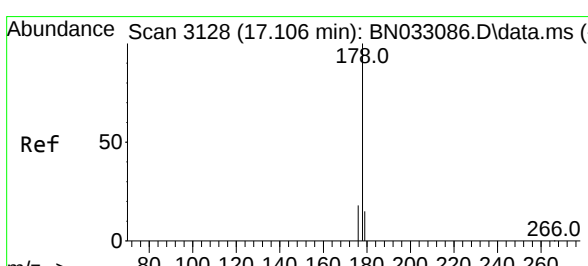
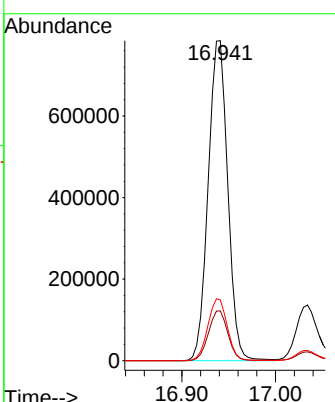
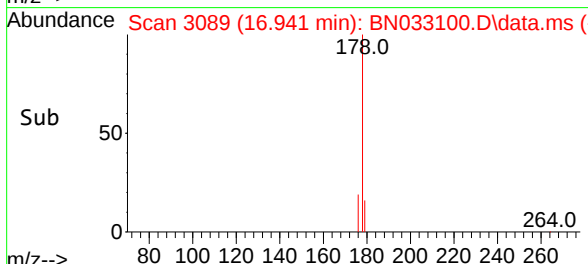
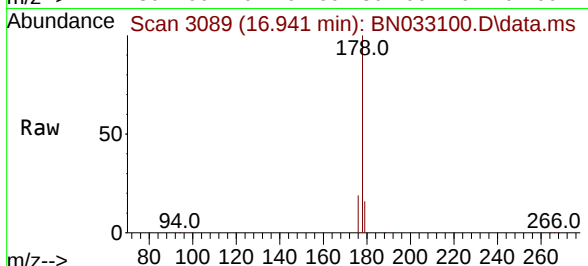
Instrument :
 BNA_N
 ClientSampleId :
 F7E37

Tgt Ion:178 Resp: 113688

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.7	20.5
176	19.0	15.9	23.9

Manual Integrations
 APPROVED

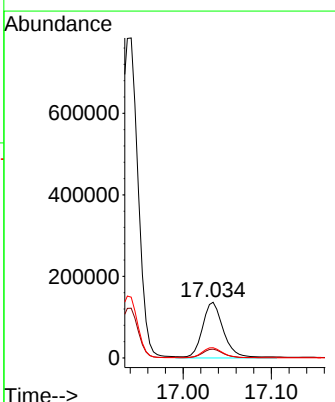
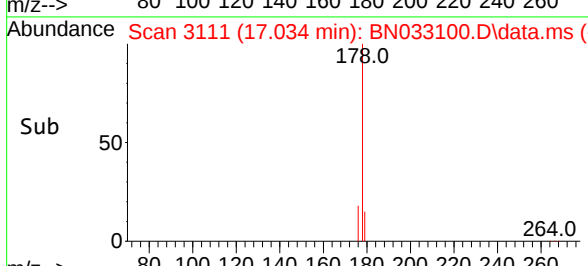
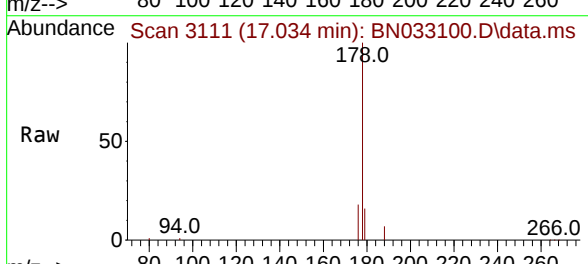
Reviewed By :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024

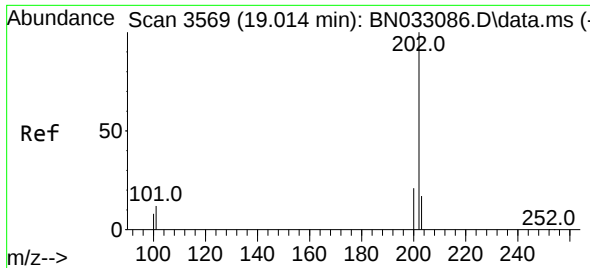


#16
 Anthracene
 Concen: 10.412 ng/ul m
 RT: 17.034 min Scan# 3111
 Delta R.T. -0.050 min
 Lab File: BN033100.D
 Acq: 30 Jul 2024 11:26

Tgt Ion:178 Resp: 227610

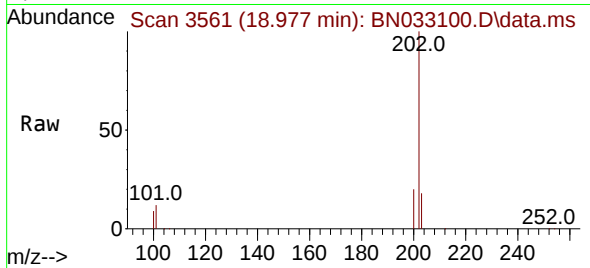
Ion	Ratio	Lower	Upper
178	100		
179	15.9	14.3	21.5
176	18.5	15.8	23.8





#19
Fluoranthene
Concen: 44.098 ng/u1
RT: 18.977 min Scan# 3569
Delta R.T. -0.037 min
Lab File: BN033100.D
Acq: 30 Jul 2024 11:26

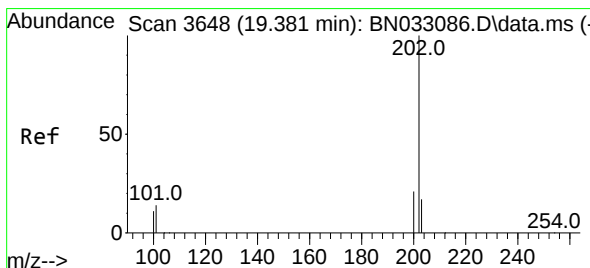
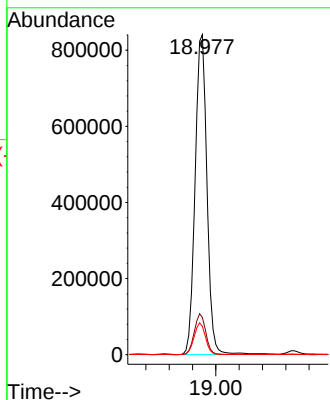
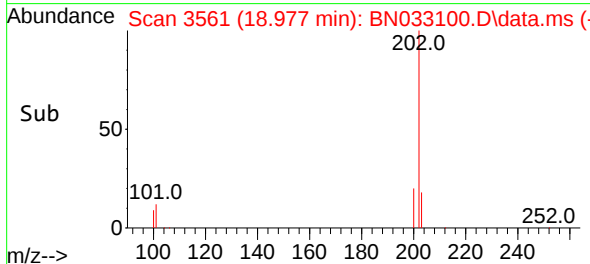
Instrument :
BNA_N
ClientSampleId :
F7E37



Tgt Ion:202 Resp: 1185670
Ion Ratio Lower Upper
202 100
101 11.6 10.7 16.1
100 8.8 8.3 12.5

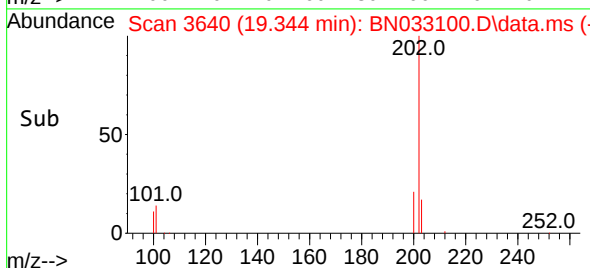
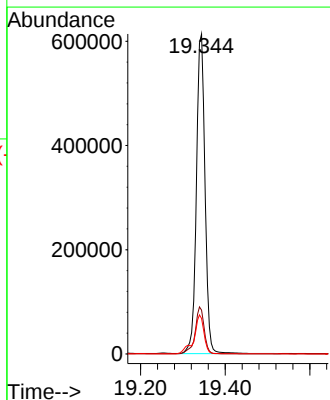
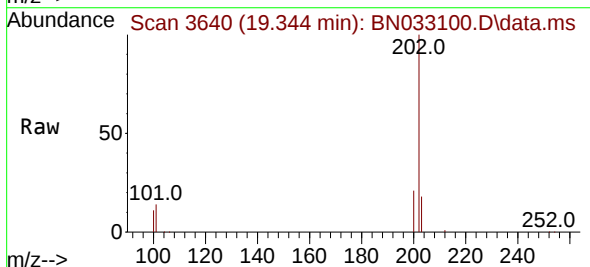
Manual Integrations
APPROVED

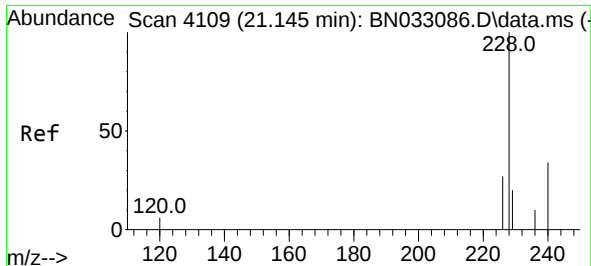
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#20
Pyrene
Concen: 29.992 ng/u1
RT: 19.344 min Scan# 3640
Delta R.T. -0.037 min
Lab File: BN033100.D
Acq: 30 Jul 2024 11:26

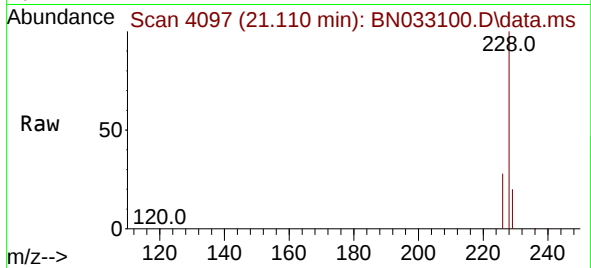
Tgt Ion:202 Resp: 864787
Ion Ratio Lower Upper
202 100
101 13.7 12.6 18.8
100 11.1 9.9 14.9





#21
Benzo(a)anthracene
Concen: 10.190 ng/ul m
RT: 21.110 min Scan# 4110
Delta R.T. -0.035 min
Lab File: BN033100.D
Acq: 30 Jul 2024 11:26

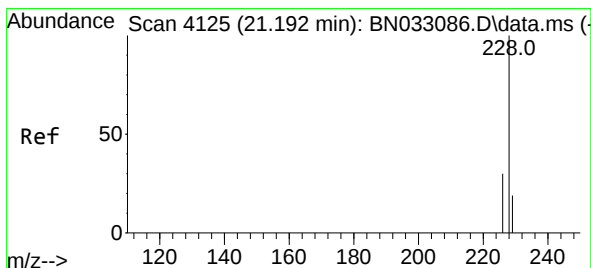
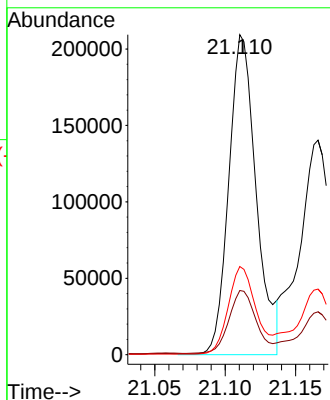
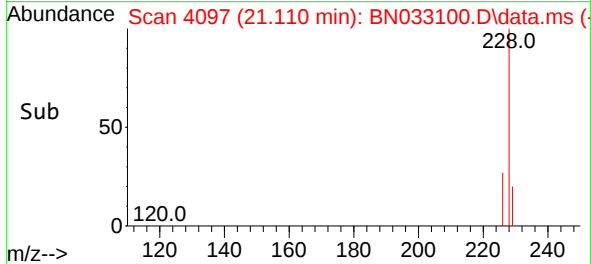
Instrument :
BNA_N
ClientSampleId :
F7E37



Tgt Ion:228 Resp: 28384
Ion Ratio Lower Upper
228 100
229 20.1 17.1 25.7
226 27.5 22.4 33.6

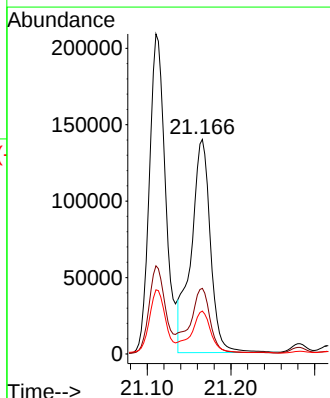
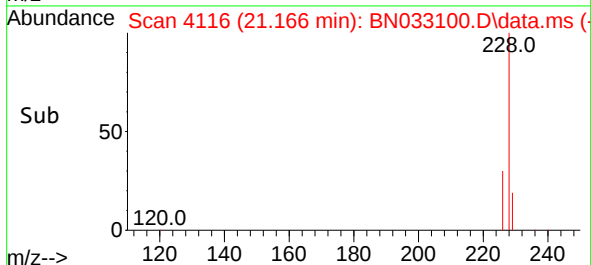
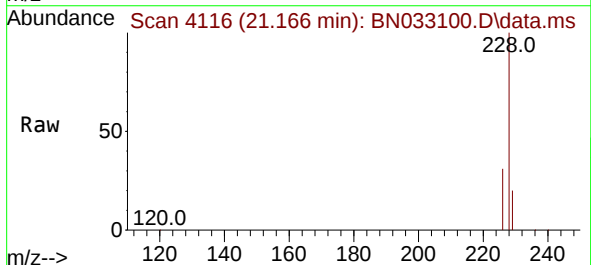
Manual Integrations
APPROVED

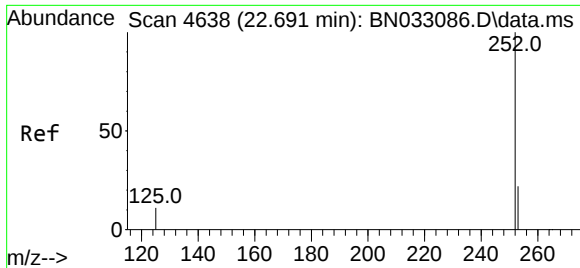
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#22
Chrysene
Concen: 6.893 ng/ul
RT: 21.166 min Scan# 4116
Delta R.T. -0.029 min
Lab File: BN033100.D
Acq: 30 Jul 2024 11:26

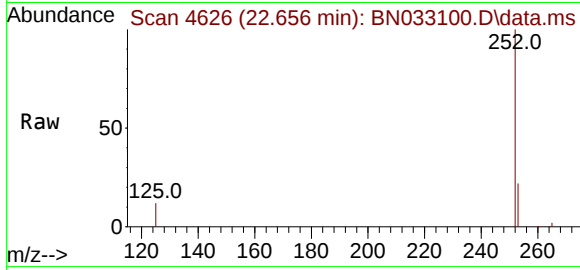
Tgt Ion:228 Resp: 224057
Ion Ratio Lower Upper
228 100
226 30.6 24.7 37.1
229 20.0 17.0 25.6





#24
Benzo(b)fluoranthene
Concen: 10.809 ng/ul m
RT: 22.656 min Scan# 4626
Delta R.T. -0.038 min
Lab File: BN033100.D
Acq: 30 Jul 2024 11:26

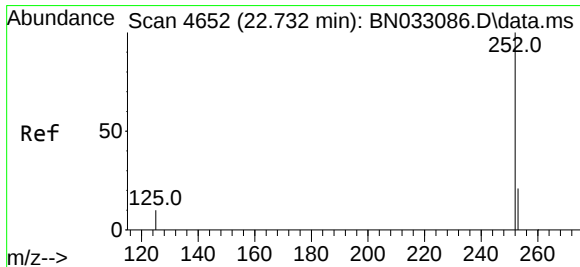
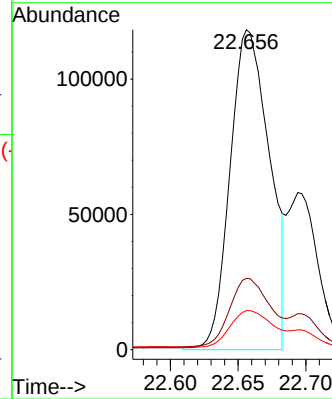
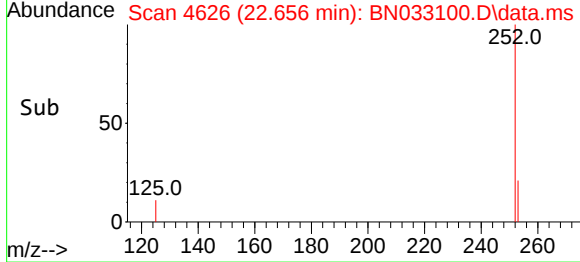
Instrument :
BNA_N
ClientSampleId :
F7E37



Tgt Ion:252 Resp: 23918
Ion Ratio Lower Upper
252 100
253 22.2 0.0 60.6
125 12.2 0.0 51.0

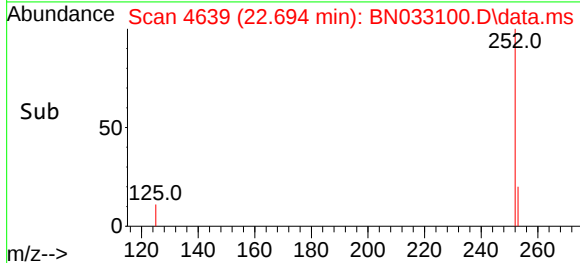
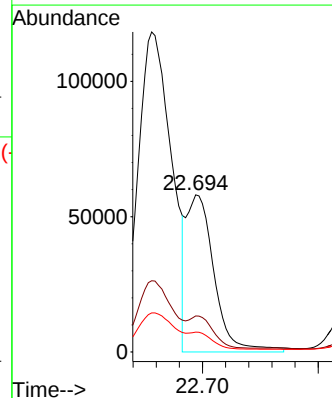
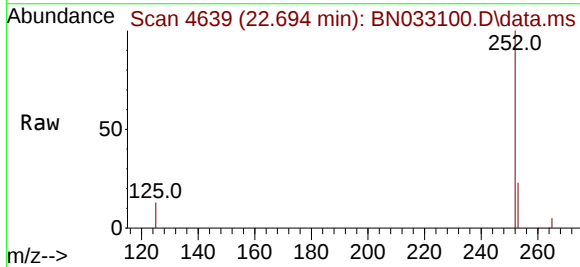
Manual Integrations
APPROVED

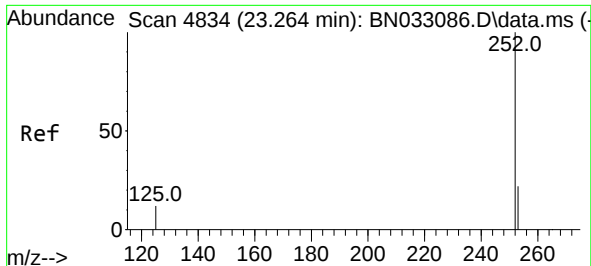
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#25
Benzo(k)fluoranthene
Concen: 3.677 ng/ul m
RT: 22.694 min Scan# 4639
Delta R.T. -0.041 min
Lab File: BN033100.D
Acq: 30 Jul 2024 11:26

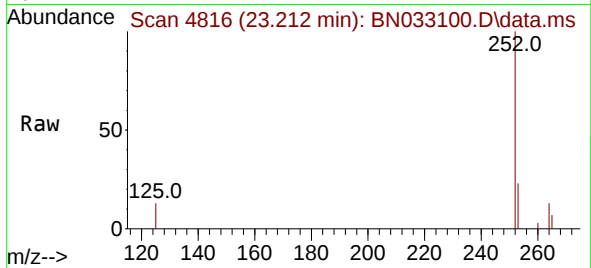
Tgt Ion:252 Resp: 97500
Ion Ratio Lower Upper
252 100
253 22.9 24.9 37.3#
125 12.6 20.9 31.3#





#26
Benzo(a)pyrene
Concen: 7.477 ng/ul
RT: 23.212 min Scan# 4816
Delta R.T. -0.050 min
Lab File: BN033100.D
Acq: 30 Jul 2024 11:26

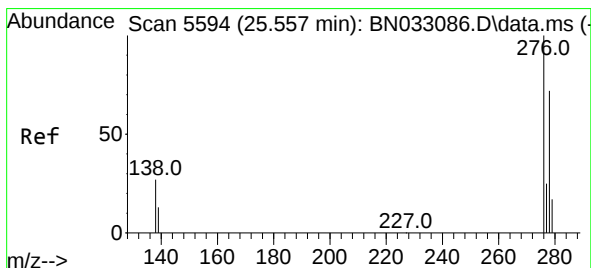
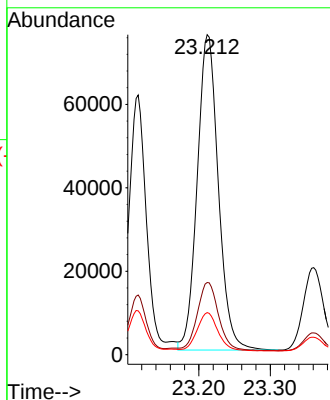
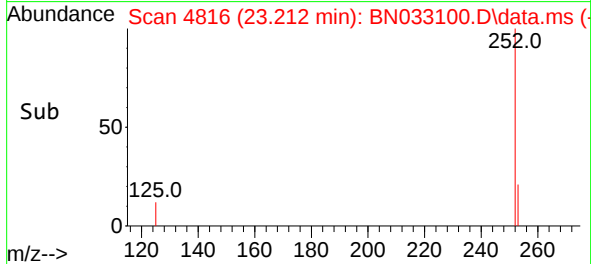
Instrument :
BNA_N
ClientSampleId :
F7E37



Tgt Ion:252 Resp: 15570
Ion Ratio Lower Upper
252 100
253 22.5 27.5 41.3
125 13.1 27.0 40.6

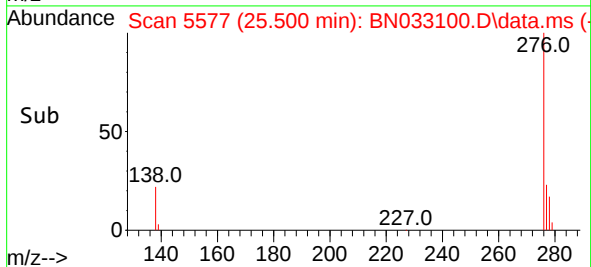
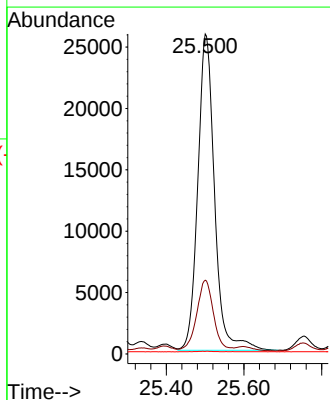
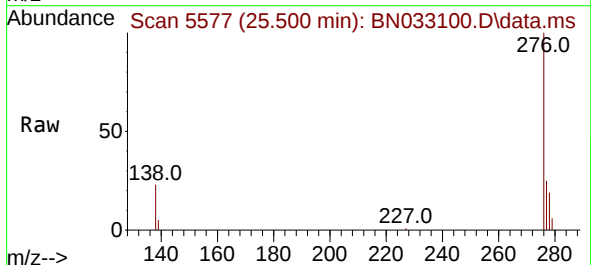
Manual Integrations
APPROVED

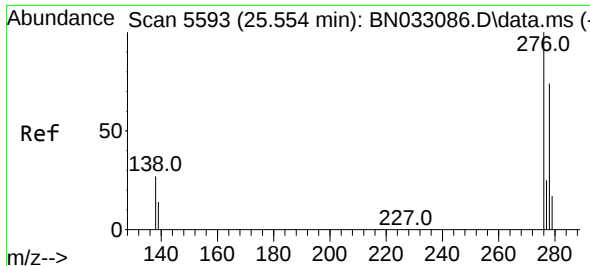
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.439 ng/ul
RT: 25.500 min Scan# 5577
Delta R.T. -0.060 min
Lab File: BN033100.D
Acq: 30 Jul 2024 11:26

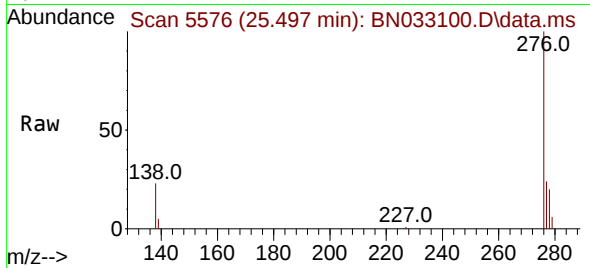
Tgt Ion:276 Resp: 77241
Ion Ratio Lower Upper
276 100
138 21.2 21.8 32.8
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.692 ng/ul
RT: 25.497 min Scan# 51
Delta R.T. -0.064 min
Lab File: BN033100.D
Acq: 30 Jul 2024 11:26

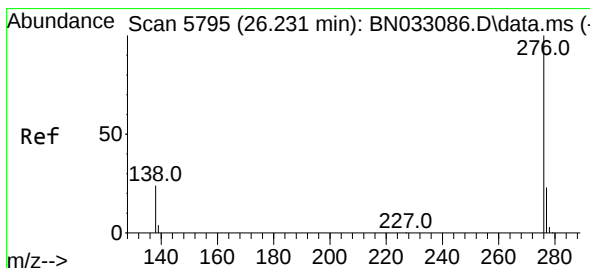
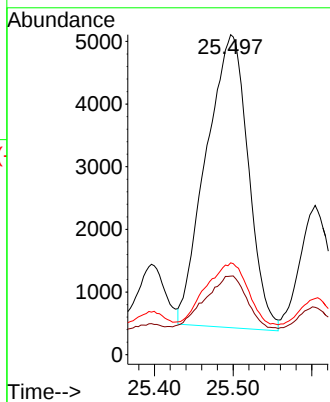
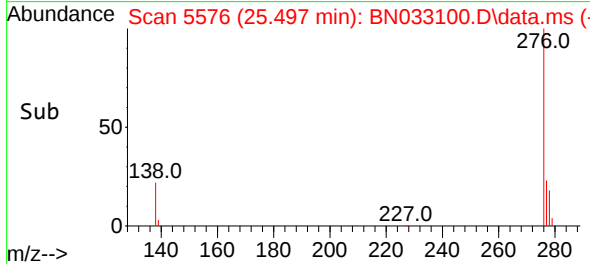
Instrument :
BNA_N
ClientSampleId :
F7E37



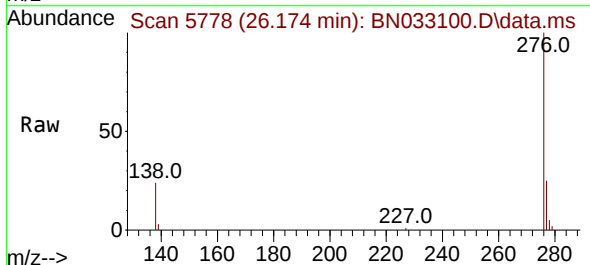
Tgt Ion:278 Resp: 17360
Ion Ratio Lower Upper
278 100
139 24.6 22.5 33.7
279 28.7 25.5 38.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#29
Benzo(g,h,i)perylene
Concen: 2.709 ng/ul
RT: 26.174 min Scan# 5778
Delta R.T. -0.067 min
Lab File: BN033100.D
Acq: 30 Jul 2024 11:26



Tgt Ion:276 Resp: 68167
Ion Ratio Lower Upper
276 100
138 24.3 24.6 37.0#
277 25.1 22.6 34.0

