

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
 Data File : BN026606.D
 Acq On : 21 Jul 2023 00:28
 Operator : MA/JU
 Sample : 03501-17MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46X7MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023

Quant Time: Jul 21 03:35:44 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 20 22:32:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.836	152	1918	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.636	136	6755	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.472	164	4602	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.240	188	101311	0.400	ng/ul	# 0.01
17) Chrysene-d12	21.411	240	11058	0.400	ng/ul	# 0.00
23) Perylene-d12	23.784	264	10696	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	653	0.259	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.225	152	2351	0.256	ng/ul	-0.02
18) Fluoranthene-d10	19.246	212	5746	0.150	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.237	88	1782	0.746	ng/ul#	17
5) Naphthalene	10.685	128	8274	0.446	ng/ul	95
7) 2-Methylnaphthalene	12.297	142	8867	0.842	ng/ul	97
8) 1-Methylnaphthalene	12.517	142	9172	0.814	ng/ul	97
10) Acenaphthylene	14.194	152	14112	0.626	ng/ul#	91
11) Acenaphthene	14.532	153	16775	0.977	ng/ul	99
12) Fluorene	15.522	166	26542	1.474	ng/ul	99
15) Phenanthrene	17.257	178	271632	0.842	ng/ul	97
16) Anthracene	17.350	178	36180	0.129	ng/ul	98
19) Fluoranthene	19.278	202	402731	7.770	ng/ul	99
20) Pyrene	19.641	202	106749	1.896	ng/ul	97
21) Benzo(a)anthracene	21.393	228	206210	5.075	ng/ul	98
22) Chrysene	21.446	228	178025	3.849	ng/ul	99
24) Benzo(b)fluoranthene	23.062	252	173717m	4.169	ng/ul	
25) Benzo(k)fluoranthene	23.106	252	92168m	2.110	ng/ul	
26) Benzo(a)pyrene	23.676	252	12018	0.324	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	26.237	276	21359	0.439	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.244	278	28089	0.753	ng/ul	91
29) Benzo(g,h,i)perylene	26.979	276	976	0.023	ng/ul#	1

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

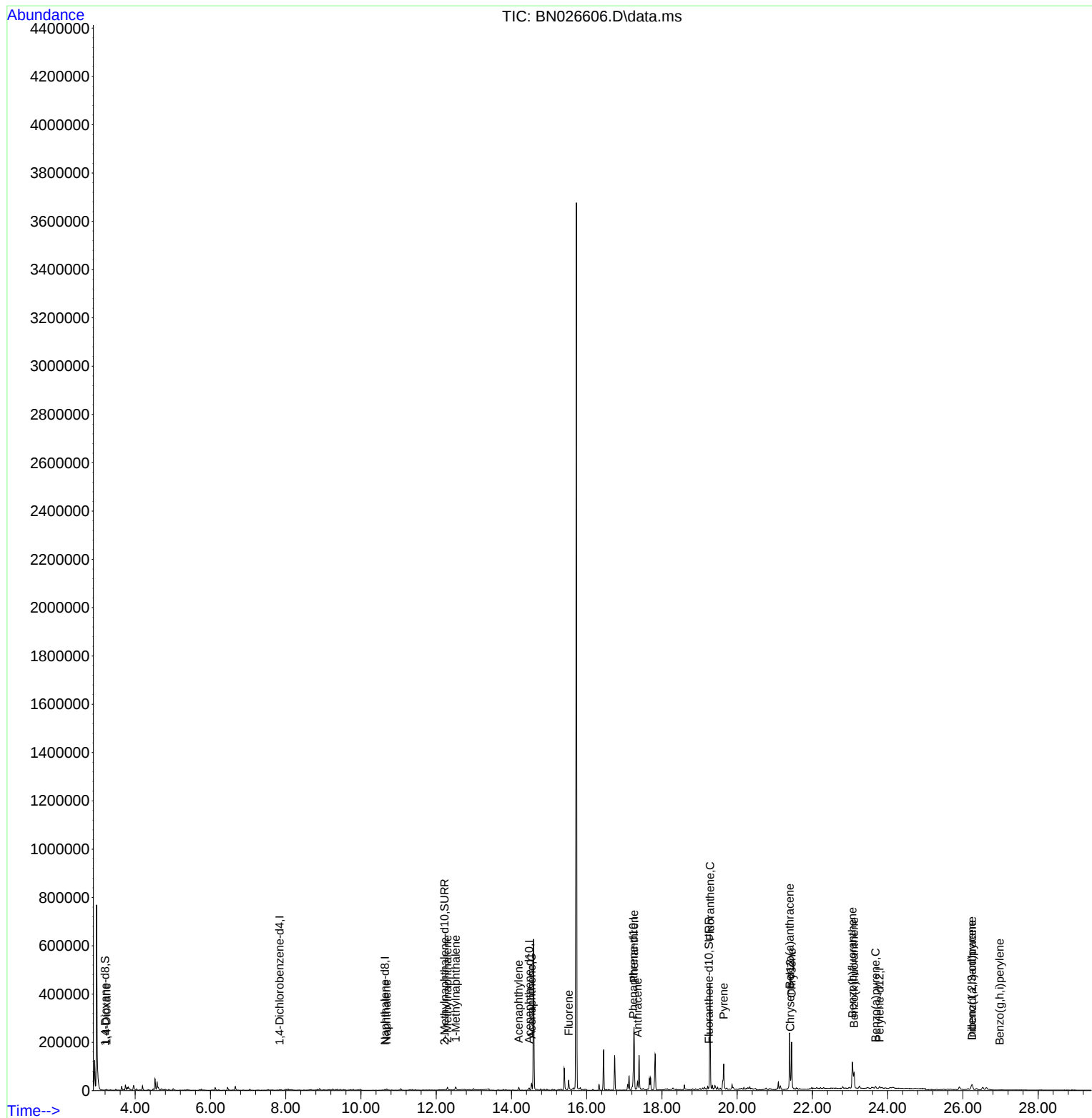
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
Data File : BN026606.D
Acq On : 21 Jul 2023 00:28
Operator : MA/JU
Sample : 03501-17MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

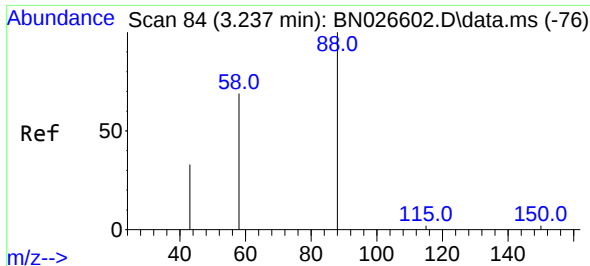
Instrument :
BNA_N
ClientSampleId :
A46X7MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

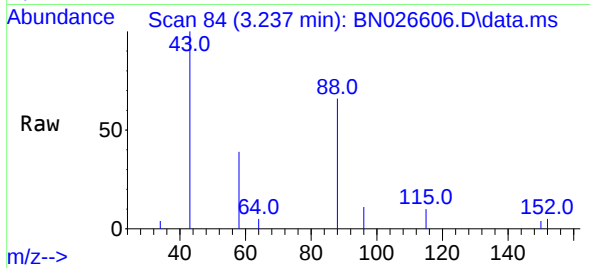
Quant Time: Jul 21 03:35:44 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 22:32:26 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.746 ng/ul
RT: 3.237 min Scan# 84
Delta R.T. -0.000 min
Lab File: BN026606.D
Acq: 21 Jul 2023 00:28

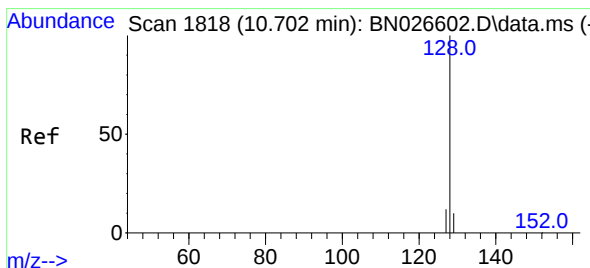
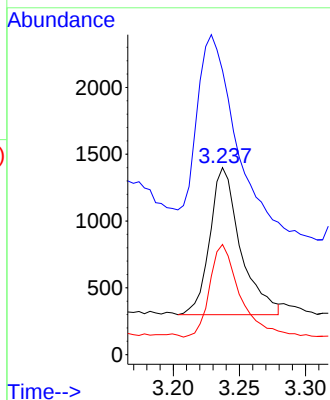
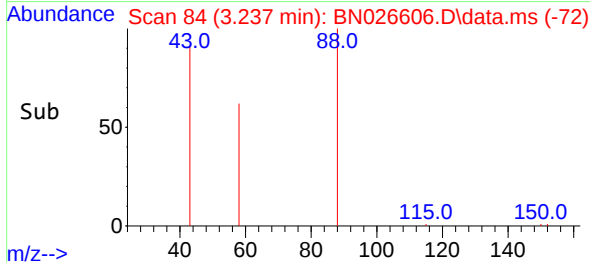
Instrument :
BNA_N
ClientSampleId :
A46X7MSD



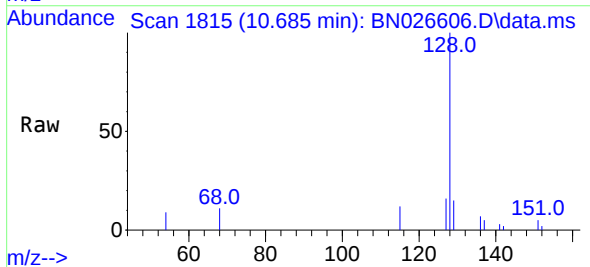
Tgt Ion: 88 Resp: 178
Ion Ratio Lower Upper
88 100
43 151.9 33.0 49.6
58 58.9 41.7 62.5

Manual Integrations
APPROVED

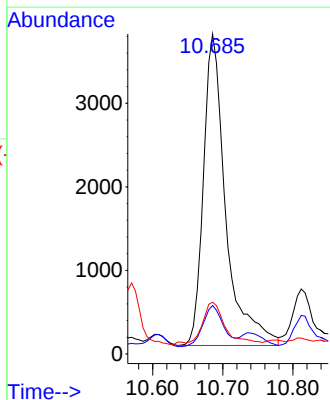
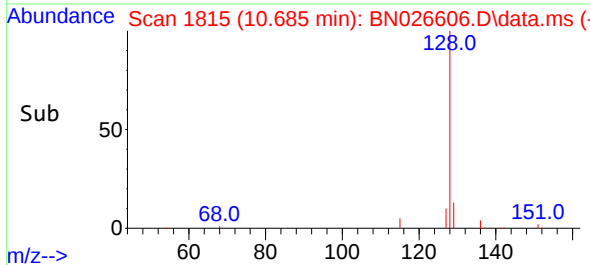
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

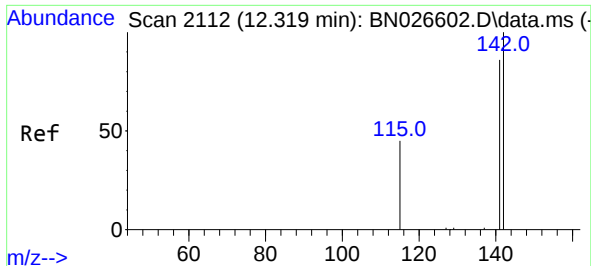


#5
Naphthalene
Concen: 0.446 ng/ul
RT: 10.685 min Scan# 1815
Delta R.T. -0.017 min
Lab File: BN026606.D
Acq: 21 Jul 2023 00:28



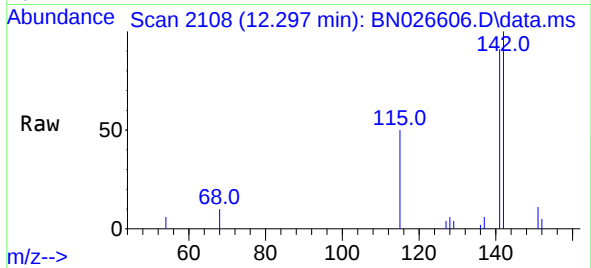
Tgt Ion:128 Resp: 8274
Ion Ratio Lower Upper
128 100
129 15.2 10.2 15.2
127 16.1 11.4 17.0





#7
2-Methylnaphthalene
Concen: 0.842 ng/ul
RT: 12.297 min Scan# 2112
Delta R.T. -0.022 min
Lab File: BN026606.D
Acq: 21 Jul 2023 00:28

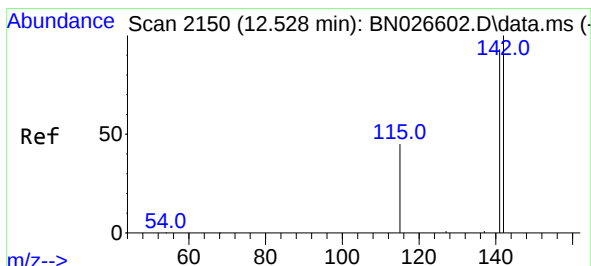
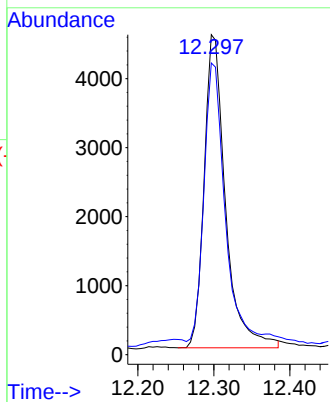
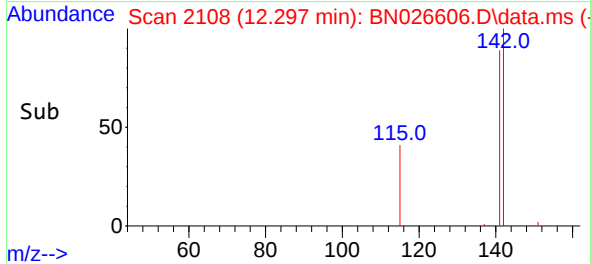
Instrument :
BNA_N
ClientSampleId :
A46X7MSD



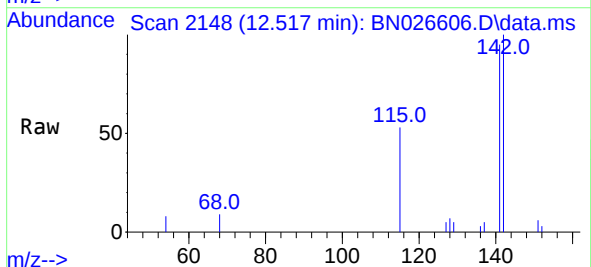
Tgt Ion:142 Resp: 886
Ion Ratio Lower Upper
142 100
141 87.5 72.3 108.5

Manual Integrations
APPROVED

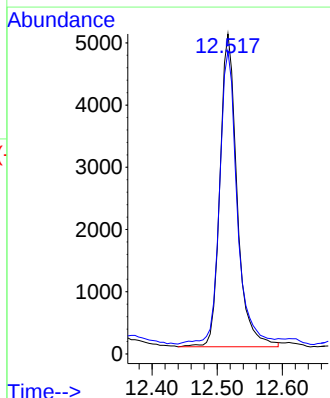
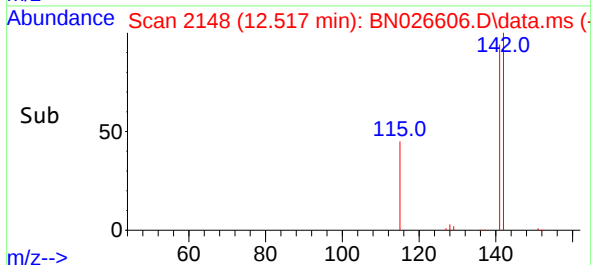
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

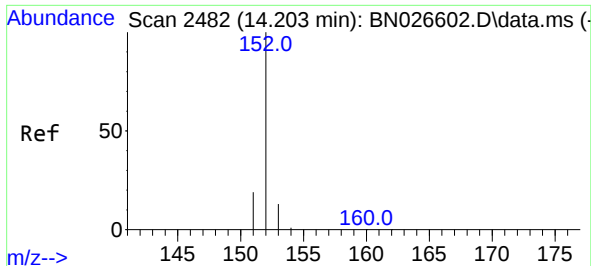


#8
1-Methylnaphthalene
Concen: 0.814 ng/ul
RT: 12.517 min Scan# 2148
Delta R.T. -0.011 min
Lab File: BN026606.D
Acq: 21 Jul 2023 00:28



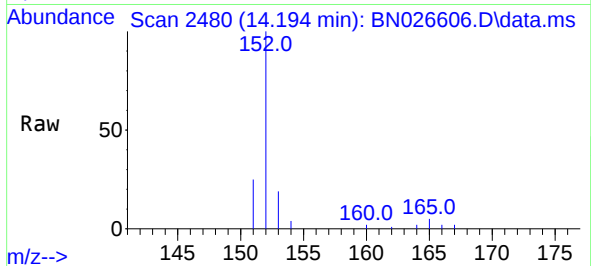
Tgt Ion:142 Resp: 9172
Ion Ratio Lower Upper
142 100
141 96.1 74.5 111.7





#10
Acenaphthylene
Concen: 0.626 ng/ul
RT: 14.194 min Scan# 2482
Delta R.T. -0.009 min
Lab File: BN026606.D
Acq: 21 Jul 2023 00:28

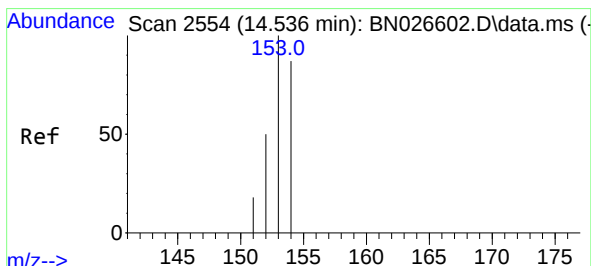
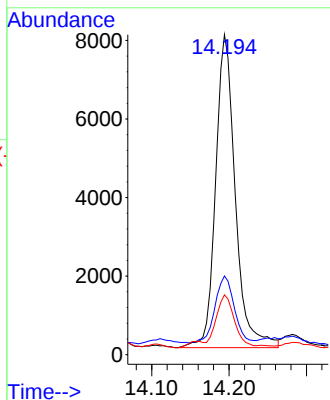
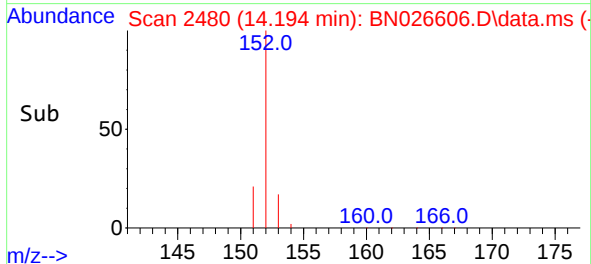
Instrument :
BNA_N
ClientSampleId :
A46X7MSD



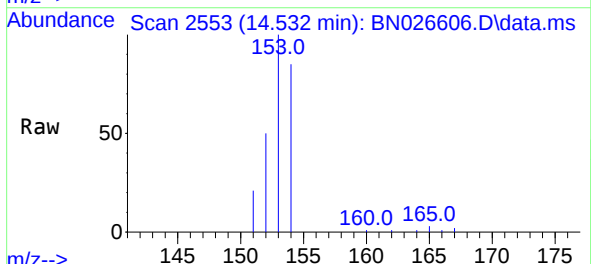
Tgt Ion:152 Resp: 14112
Ion Ratio Lower Upper
152 100
151 24.6 17.0 25.6
153 18.7 11.4 17.2

Manual Integrations
APPROVED

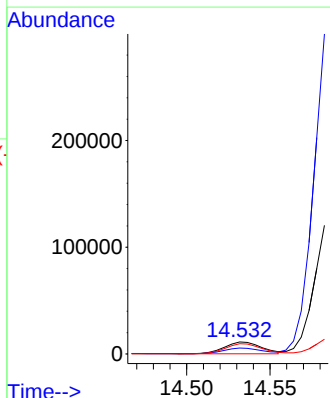
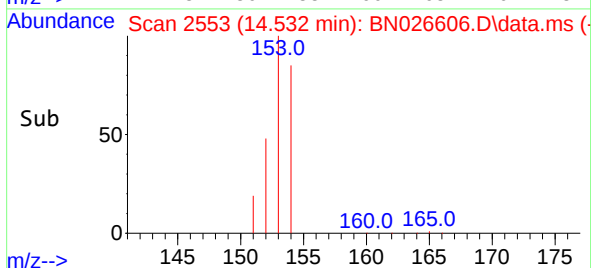
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

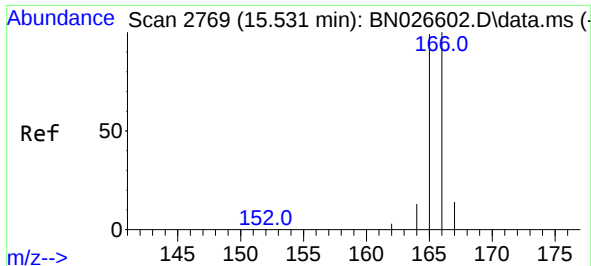


#11
Acenaphthene
Concen: 0.977 ng/ul
RT: 14.532 min Scan# 2553
Delta R.T. -0.005 min
Lab File: BN026606.D
Acq: 21 Jul 2023 00:28



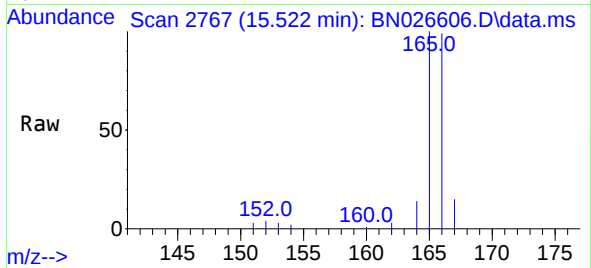
Tgt Ion:153 Resp: 16775
Ion Ratio Lower Upper
153 100
152 49.8 40.2 60.4
154 85.2 69.3 103.9





#12
Fluorene
Concen: 1.474 ng/ul
RT: 15.522 min Scan# 2168
Delta R.T. -0.009 min
Lab File: BN026606.D
Acq: 21 Jul 2023 00:28

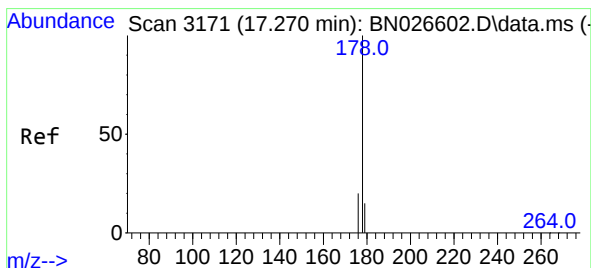
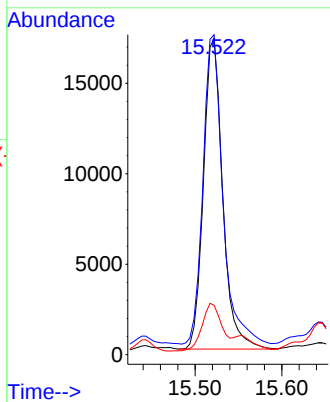
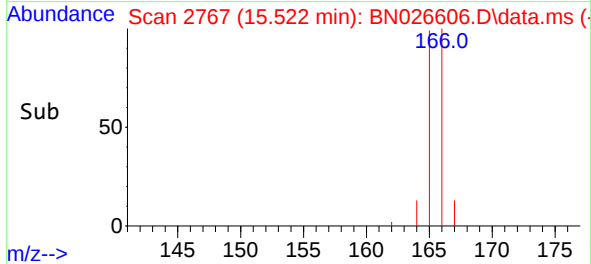
Instrument :
BNA_N
ClientSampleId :
A46X7MSD



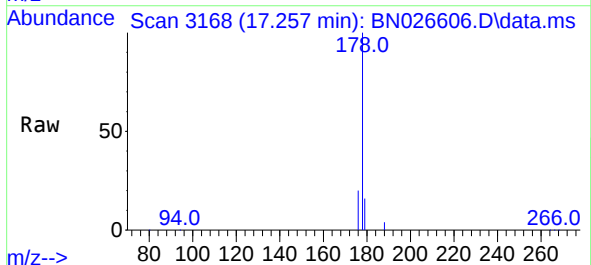
Tgt Ion:166 Resp: 2654
Ion Ratio Lower Upper
166 100
165 101.1 80.6 120.8
167 15.6 12.0 18.0

Manual Integrations
APPROVED

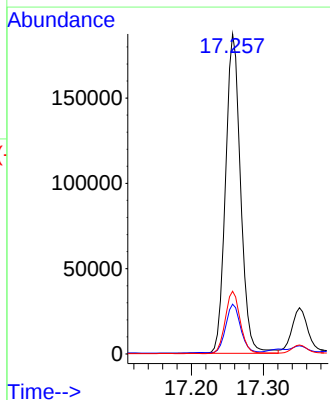
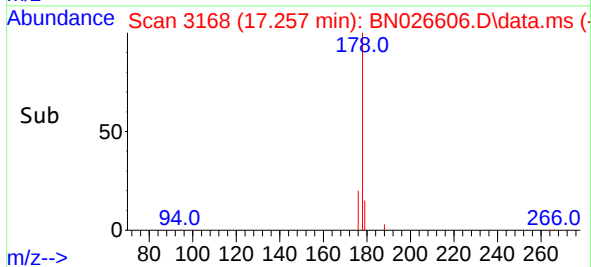
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

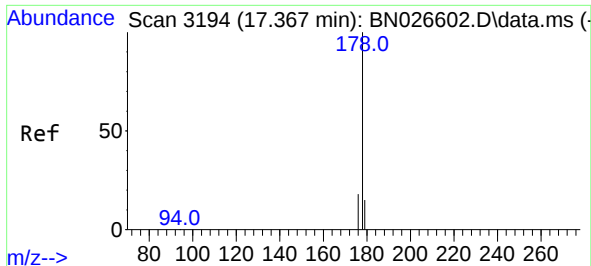


#15
Phenanthrene
Concen: 0.842 ng/ul
RT: 17.257 min Scan# 3168
Delta R.T. -0.013 min
Lab File: BN026606.D
Acq: 21 Jul 2023 00:28



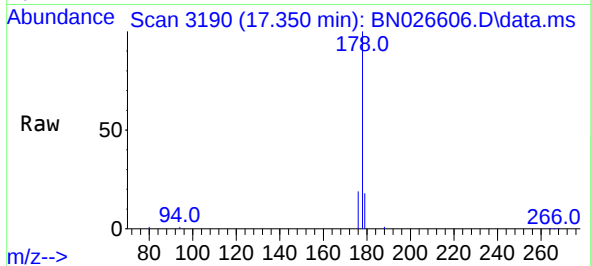
Tgt Ion:178 Resp: 271632
Ion Ratio Lower Upper
178 100
179 15.6 13.7 20.5
176 19.6 16.5 24.7





#16
 Anthracene
 Concen: 0.129 ng/ul
 RT: 17.350 min Scan# 3194
 Delta R.T. -0.017 min
 Lab File: BN026606.D
 Acq: 21 Jul 2023 00:28

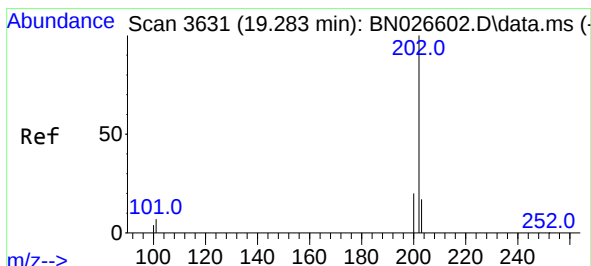
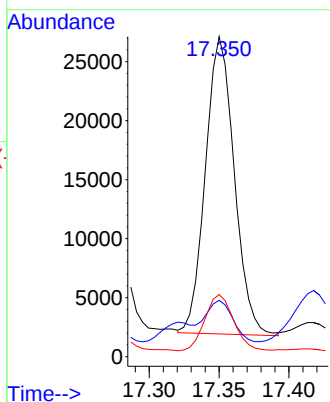
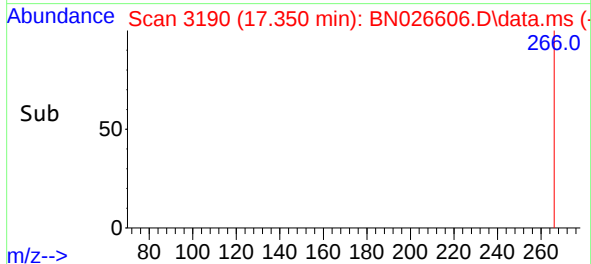
Instrument :
 BNA_N
 ClientSampleId :
 A46X7MSD



Tgt Ion:178 Resp: 36180
 Ion Ratio Lower Upper
 178 100
 179 17.6 14.8 22.2
 176 19.4 16.6 25.0

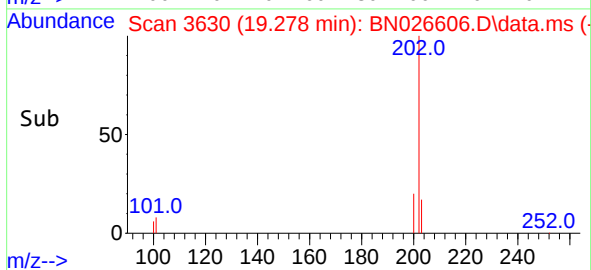
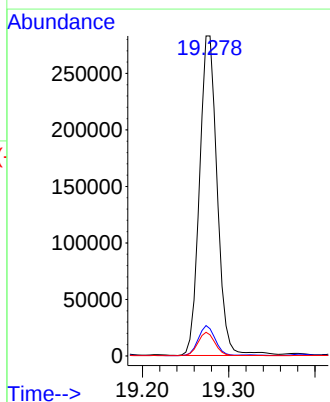
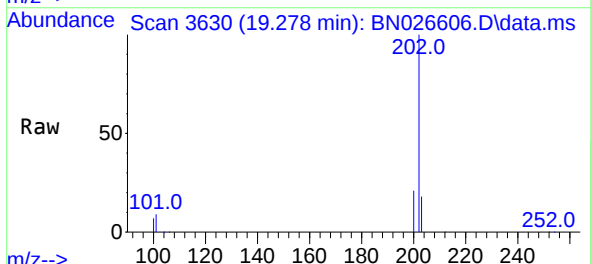
Manual Integrations
 APPROVED

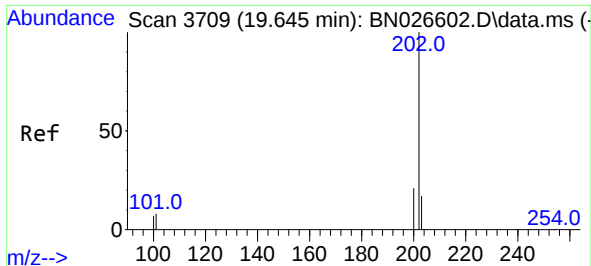
Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023



#19
 Fluoranthene
 Concen: 7.770 ng/ul
 RT: 19.278 min Scan# 3630
 Delta R.T. -0.005 min
 Lab File: BN026606.D
 Acq: 21 Jul 2023 00:28

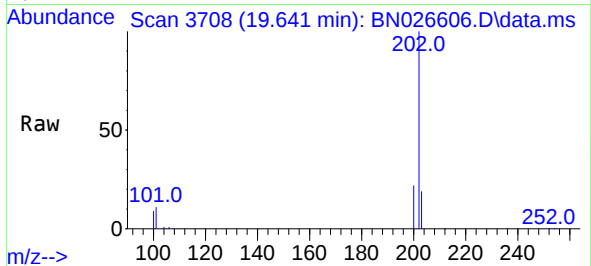
Tgt Ion:202 Resp: 402731
 Ion Ratio Lower Upper
 202 100
 101 8.5 7.0 10.4
 100 6.6 6.0 9.0





#20
Pyrene
Concen: 1.896 ng/ul
RT: 19.641 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN026606.D
Acq: 21 Jul 2023 00:28

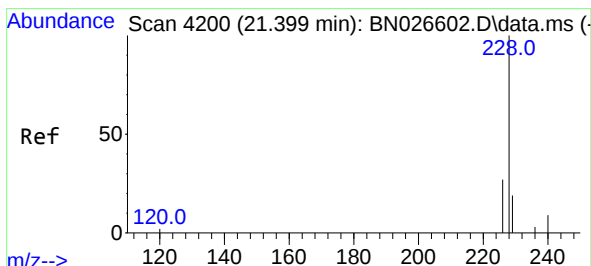
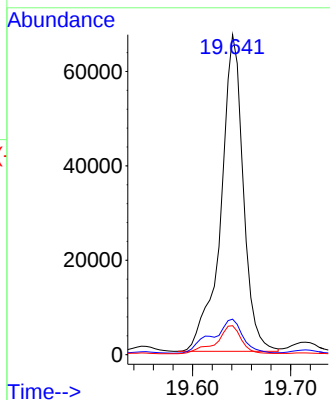
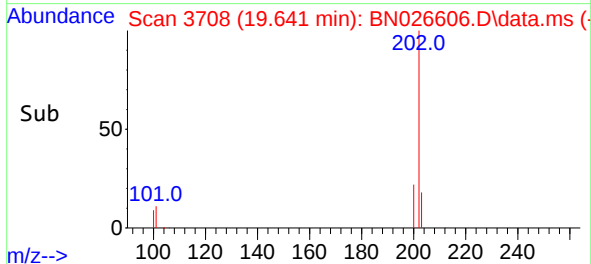
Instrument :
BNA_N
ClientSampleId :
A46X7MSD



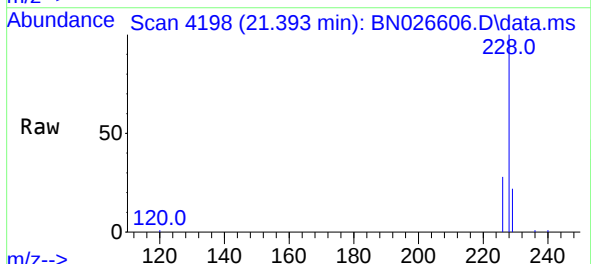
Tgt Ion:202 Resp: 106749
Ion Ratio Lower Upper
202 100
101 11.1 8.0 12.0
100 9.1 6.2 9.2

Manual Integrations
APPROVED

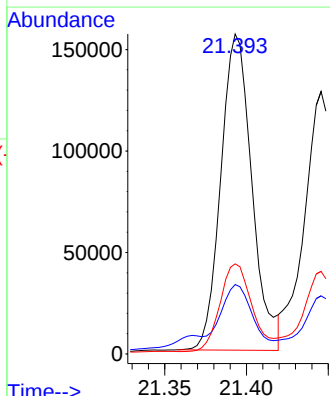
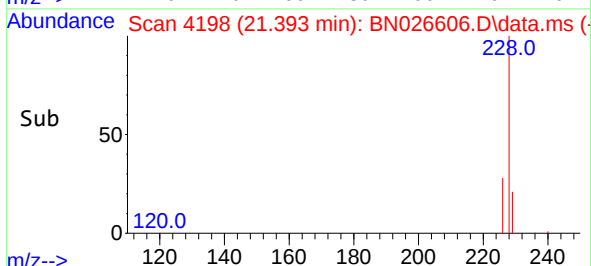
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

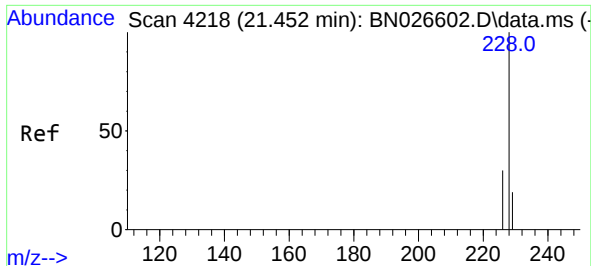


#21
Benzo(a)anthracene
Concen: 5.075 ng/ul
RT: 21.393 min Scan# 4198
Delta R.T. -0.006 min
Lab File: BN026606.D
Acq: 21 Jul 2023 00:28



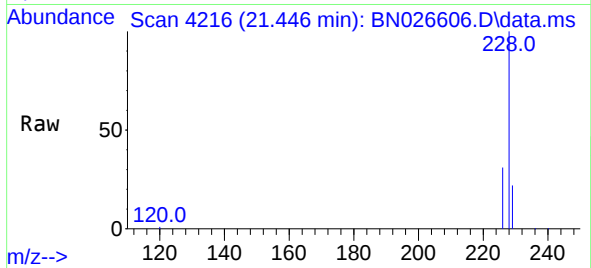
Tgt Ion:228 Resp: 206210
Ion Ratio Lower Upper
228 100
229 21.7 16.7 25.1
226 28.2 23.5 35.3





#22
Chrysene
Concen: 3.849 ng/ul
RT: 21.446 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN026606.D
Acq: 21 Jul 2023 00:28

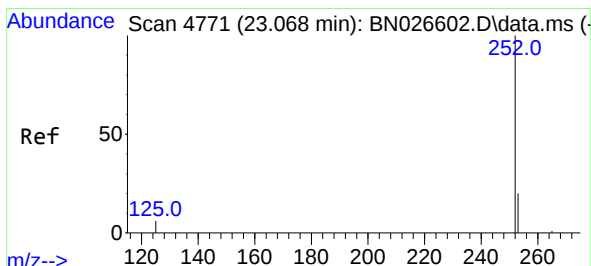
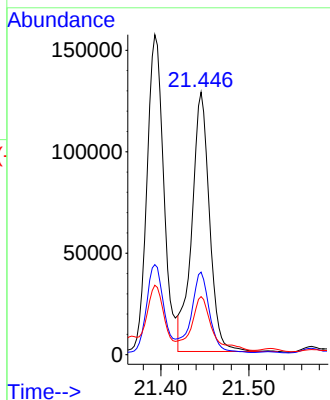
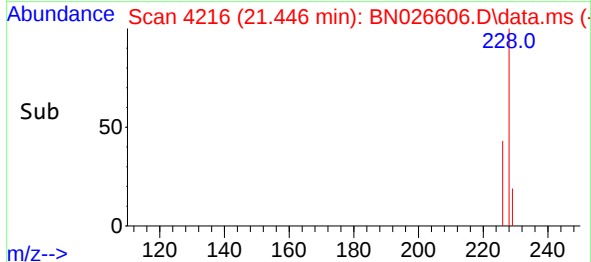
Instrument :
BNA_N
ClientSampleId :
A46X7MSD



Tgt Ion:228 Resp: 178025
Ion Ratio Lower Upper
228 100
226 31.4 25.2 37.8
229 22.1 16.4 24.6

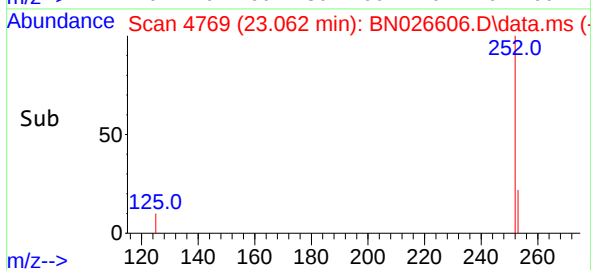
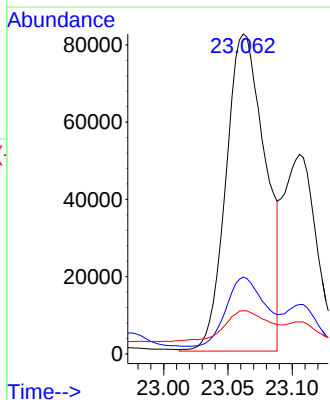
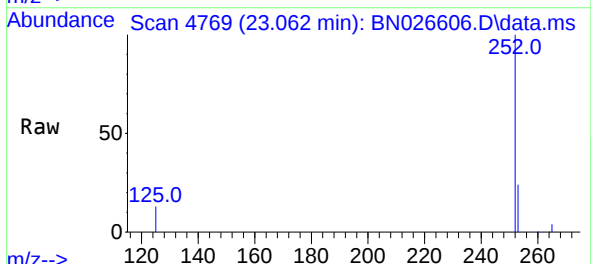
Manual Integrations
APPROVED

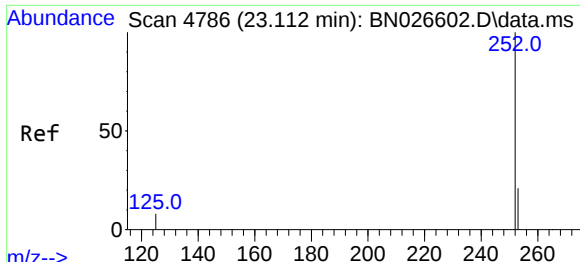
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#24
Benzo(b)fluoranthene
Concen: 4.169 ng/ul m
RT: 23.062 min Scan# 4769
Delta R.T. -0.006 min
Lab File: BN026606.D
Acq: 21 Jul 2023 00:28

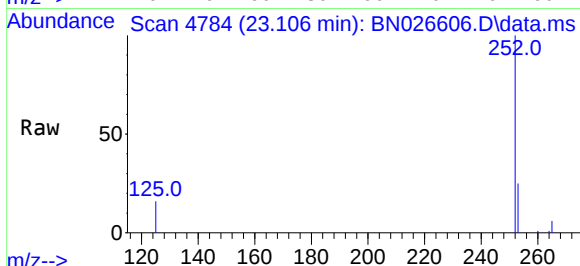
Tgt Ion:252 Resp: 173717
Ion Ratio Lower Upper
252 100
253 24.1 0.0 68.6
125 13.5 0.0 34.0





#25
Benzo(k)fluoranthene
Concen: 2.110 ng/ul m
RT: 23.106 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN026606.D
Acq: 21 Jul 2023 00:28

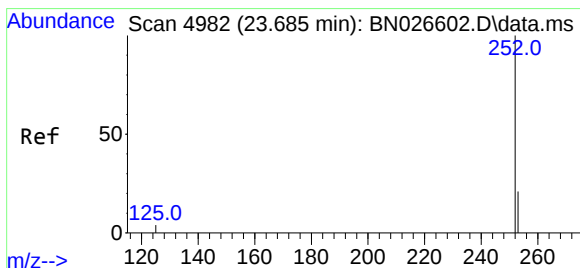
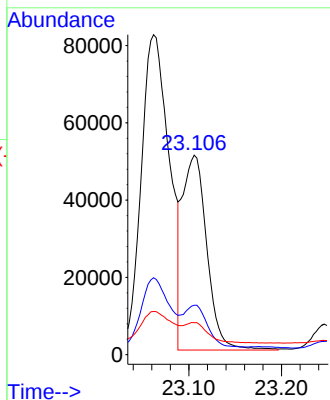
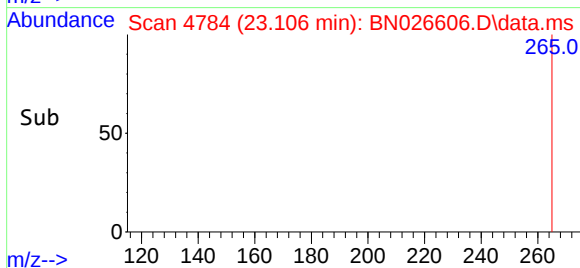
Instrument :
BNA_N
ClientSampleId :
A46X7MSD



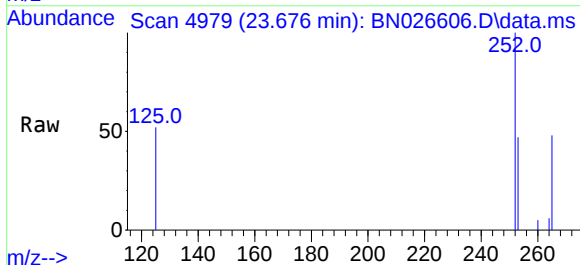
Tgt Ion:252 Resp: 9216
Ion Ratio Lower Upper
252 100
253 24.8 27.2 40.8
125 16.1 13.4 20.2

Manual Integrations
APPROVED

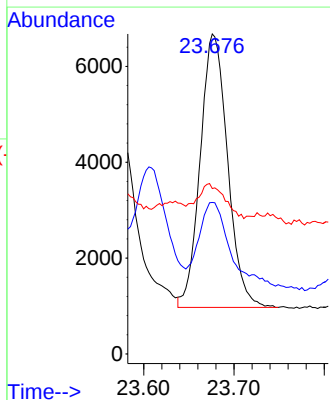
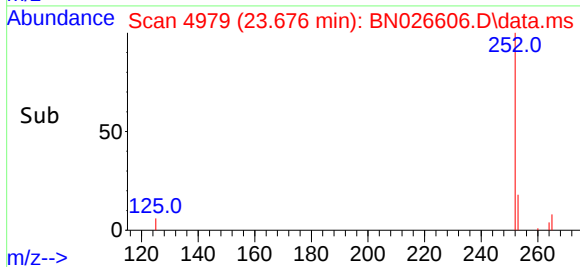
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

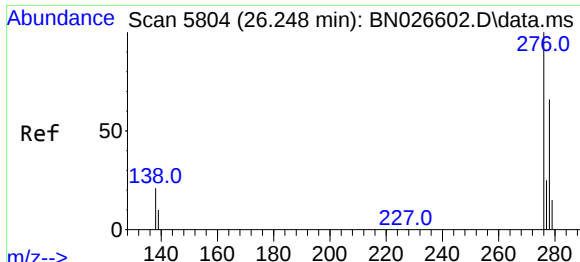


#26
Benzo(a)pyrene
Concen: 0.324 ng/ul
RT: 23.676 min Scan# 4979
Delta R.T. -0.009 min
Lab File: BN026606.D
Acq: 21 Jul 2023 00:28



Tgt Ion:252 Resp: 12018
Ion Ratio Lower Upper
252 100
253 47.3 32.6 49.0
125 51.7 19.3 28.9





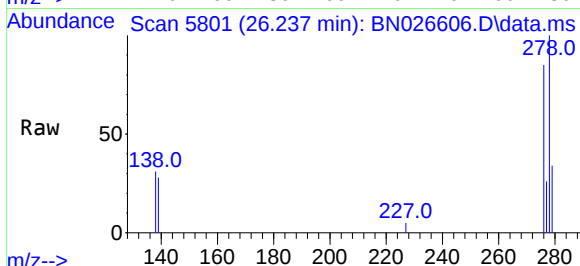
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.439 ng/ul
RT: 26.237 min Scan# 5801
Delta R.T. -0.010 min
Lab File: BN026606.D
Acq: 21 Jul 2023 00:28

Instrument :

BNA_N

ClientSampleId :

A46X7MSD



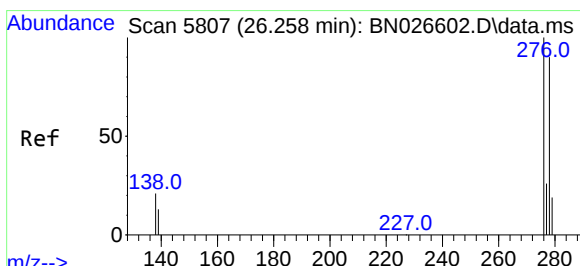
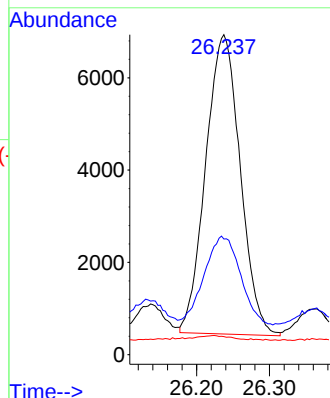
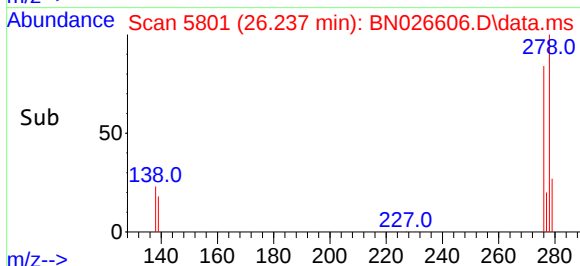
Tgt Ion:276 Resp: 21359
Ion Ratio Lower Upper
276 100
138 31.1 22.2 33.4
227 1.3 0.1 0.1

Manual Integrations

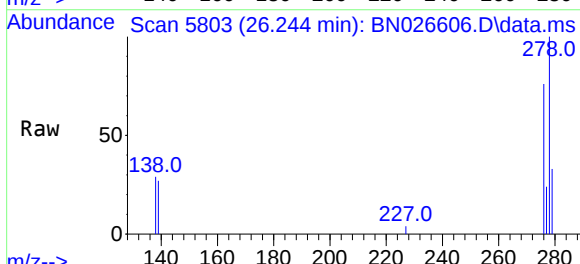
APPROVED

Reviewed By :Yogesh Patel 07/21/2023

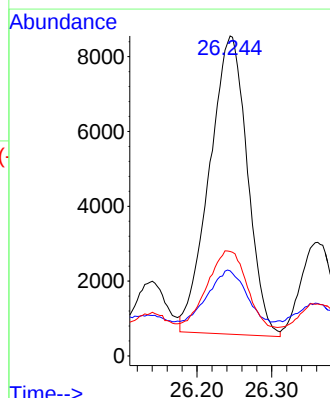
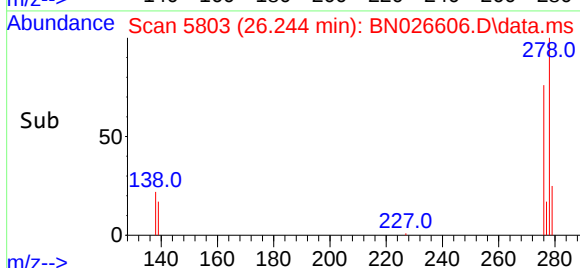
Supervised By :mohammad ahmed 07/21/2023

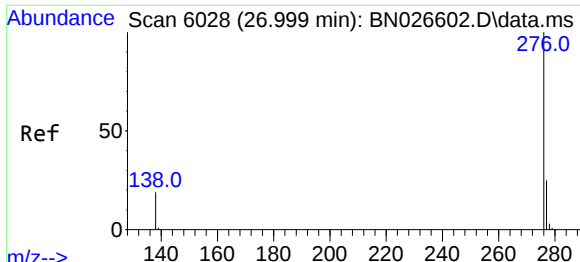


#28
Dibenzo(a,h)anthracene
Concen: 0.753 ng/ul
RT: 26.244 min Scan# 5803
Delta R.T. -0.013 min
Lab File: BN026606.D
Acq: 21 Jul 2023 00:28



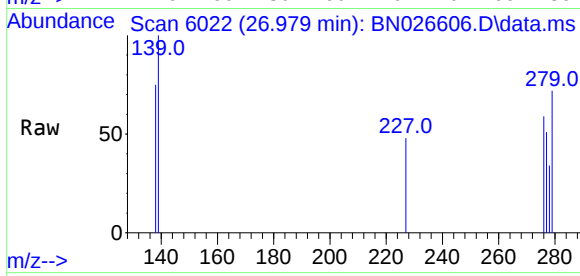
Tgt Ion:278 Resp: 28089
Ion Ratio Lower Upper
278 100
139 26.6 18.9 28.3
279 32.6 31.3 46.9





#29
 Benzo(g,h,i)perylene
 Concen: 0.023 ng/ul
 RT: 26.979 min Scan# 60
 Delta R.T. -0.020 min
 Lab File: BN026606.D
 Acq: 21 Jul 2023 00:28

Instrument : BNA_N
 ClientSampleId : A46X7MSD



Tgt Ion: 276 Resp: 970

Ion	Ratio	Lower	Upper
276	100		
138	127.1	22.6	34.0
277	87.0	21.8	32.8

Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023

