

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071323\
 Data File : BN026493.D
 Acq On : 13 Jul 2023 18:38
 Operator : MA/JU
 Sample : 03418-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46F2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/17/2023
 Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 14 09:58:24 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 : Fri Jul 14 04:32:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	4550	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	13317	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.616	164	7767	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.364	188	13521	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.558	240	9075	0.400	ng/ul	0.00
23) Perylene-d12	23.996	264	9574	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	7472	1.247	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.381	152	7926	0.438	ng/ul	0.00
18) Fluoranthene-d10	19.391	212	13327	0.424	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.836	128	9152	0.250	ng/ul	99
7) 2-Methylnaphthalene	12.458	142	650	0.031	ng/ul	100
10) Acenaphthylene	14.339	152	1239	0.033	ng/ul#	66
11) Acenaphthene	14.681	153	730	0.025	ng/ul#	93
12) Fluorene	15.667	166	687	0.023	ng/ul#	90
15) Phenanthrene	17.402	178	13125	0.305	ng/ul	99
16) Anthracene	17.495	178	1559	0.042	ng/ul#	80
19) Fluoranthene	19.424	202	27237	0.640	ng/ul	96
20) Pyrene	19.782	202	23090	0.500	ng/ul#	93
21) Benzo(a)anthracene	21.544	228	8380	0.251	ng/ul	97
22) Chrysene	21.596	228	11808m	0.311	ng/ul	
24) Benzo(b)fluoranthene	23.256	252	16872m	0.452	ng/ul	
25) Benzo(k)fluoranthene	23.297	252	6234m	0.159	ng/ul	
26) Benzo(a)pyrene	23.885	252	7028	0.212	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.544	276	7138	0.164	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.554	278	1596	0.048	ng/ul#	23
29) Benzo(g,h,i)perylene	27.332	276	2288	0.060	ng/ul#	68

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

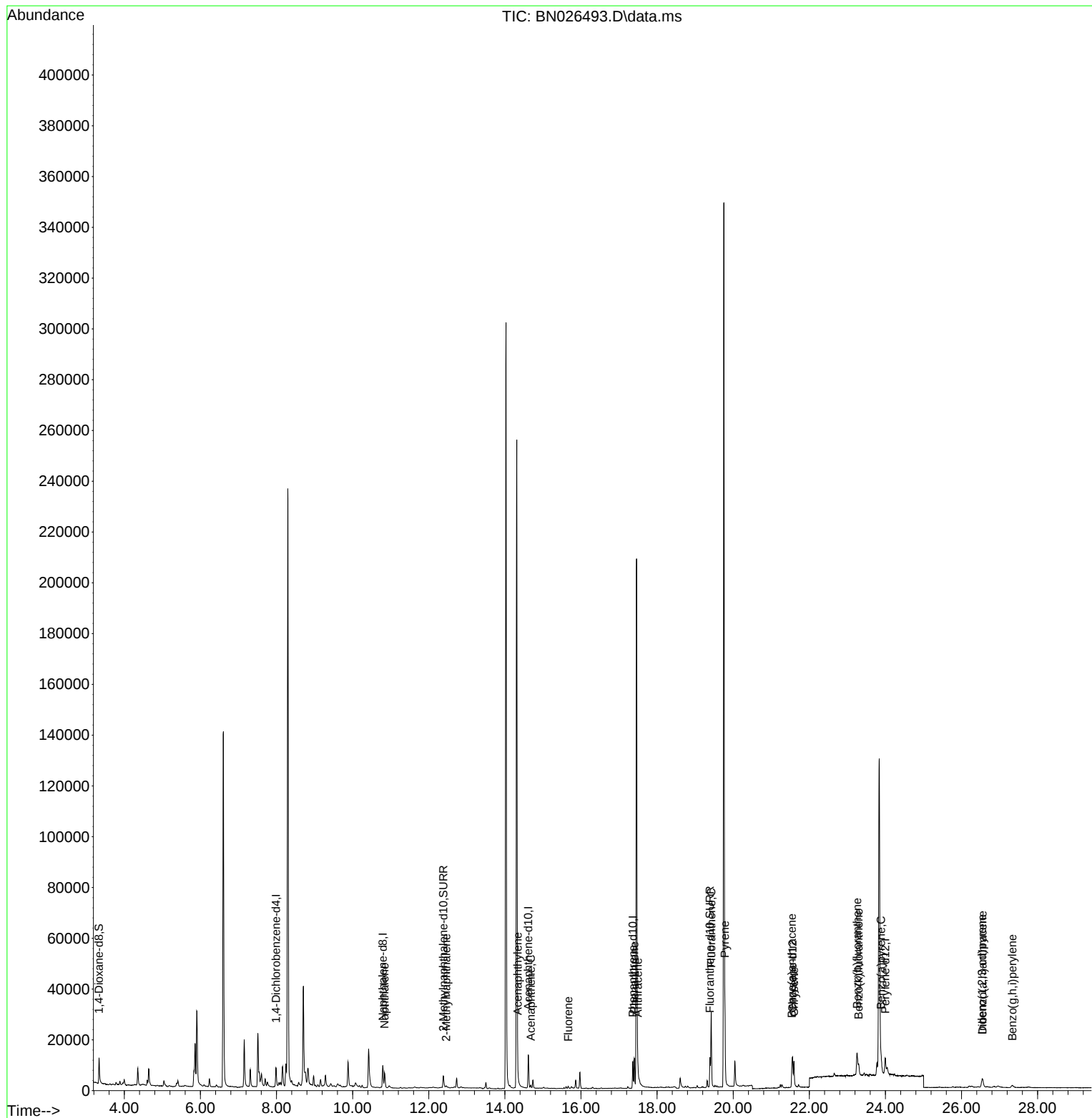
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071323\
Data File : BN026493.D
Acq On : 13 Jul 2023 18:38
Operator : MA/JU
Sample : 03418-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

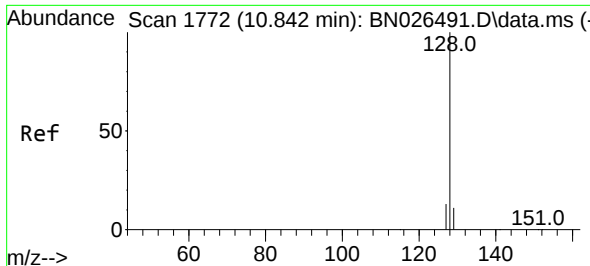
Instrument :
BNA_N
ClientSampleId :
A46F2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

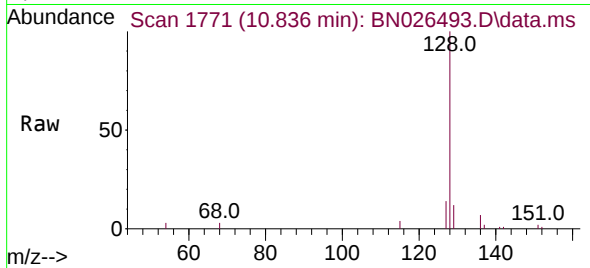
Quant Time: Jul 14 09:58:24 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 04:32:14 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.250 ng/ul
RT: 10.836 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN026493.D
Acq: 13 Jul 2023 18:38

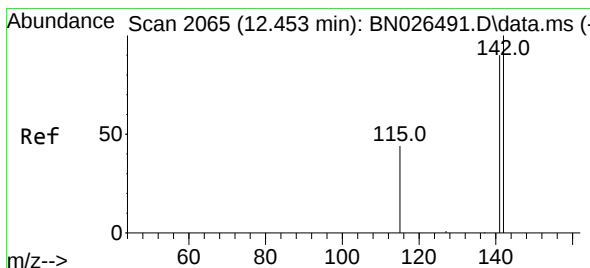
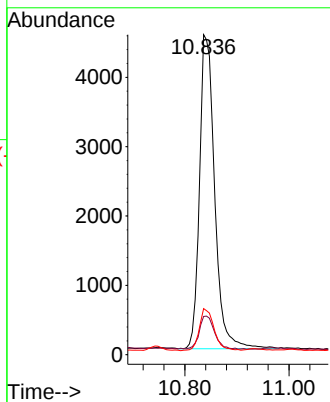
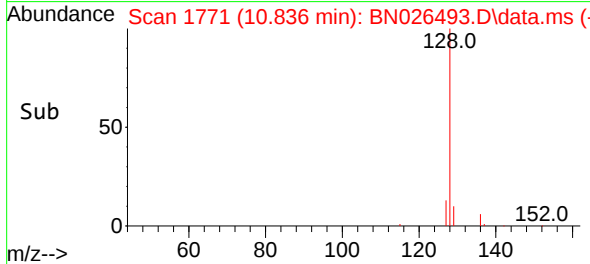
Instrument :
BNA_N
ClientSampleId :
A46F2



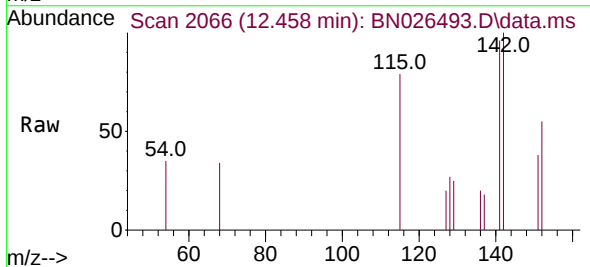
Tgt Ion:128 Resp: 915
Ion Ratio Lower Upper
128 100
129 11.9 10.2 15.2
127 14.4 11.4 17.0

Manual Integrations
APPROVED

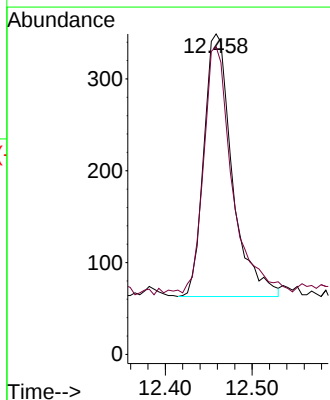
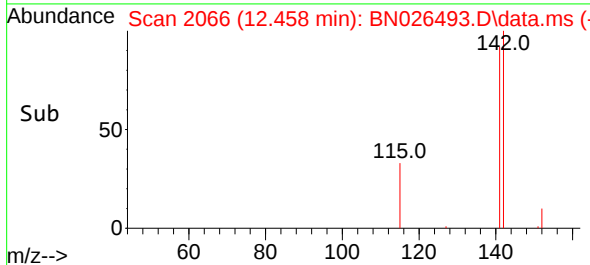
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

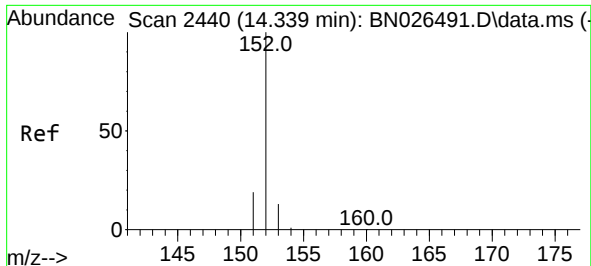


#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.458 min Scan# 2066
Delta R.T. 0.006 min
Lab File: BN026493.D
Acq: 13 Jul 2023 18:38



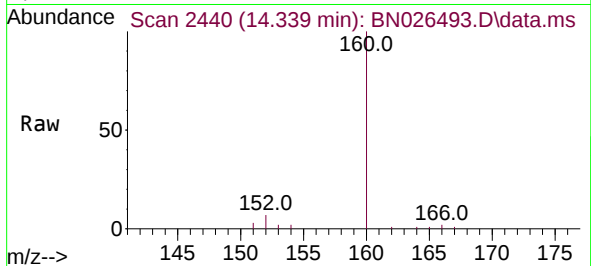
Tgt Ion:142 Resp: 650
Ion Ratio Lower Upper
142 100
141 90.3 72.3 108.5





#10
Acenaphthylene
Concen: 0.033 ng/ul
RT: 14.339 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BN026493.D
Acq: 13 Jul 2023 18:38

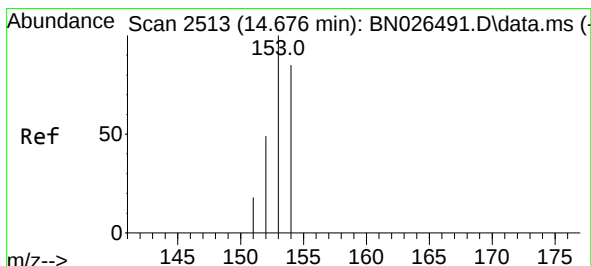
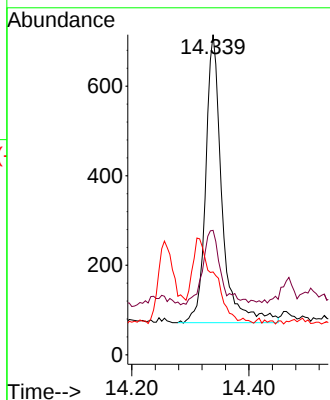
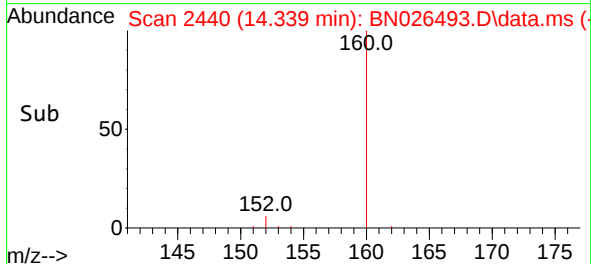
Instrument :
BNA_N
ClientSampleId :
A46F2



Tgt Ion:152 Resp: 1239
Ion Ratio Lower Upper
152 100
151 38.9 17.0 25.6
153 25.9 11.4 17.2

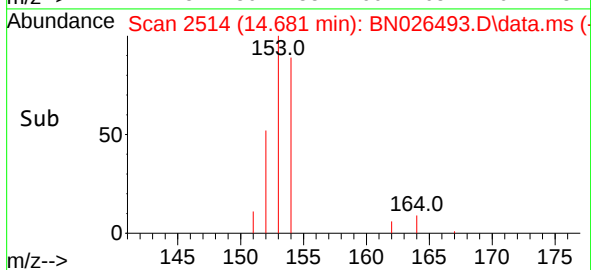
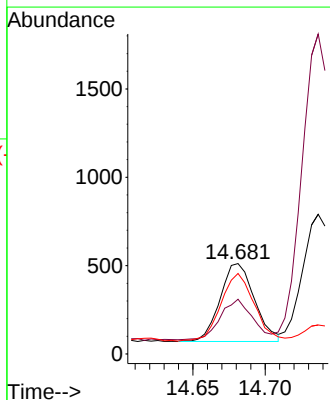
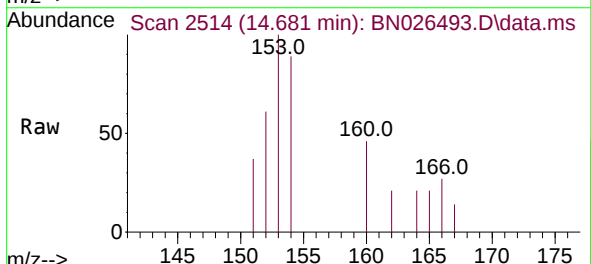
Manual Integrations
APPROVED

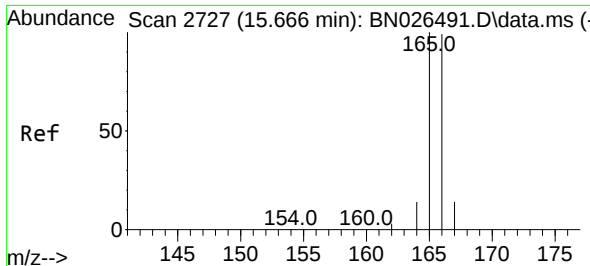
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#11
Acenaphthene
Concen: 0.025 ng/ul
RT: 14.681 min Scan# 2514
Delta R.T. 0.005 min
Lab File: BN026493.D
Acq: 13 Jul 2023 18:38

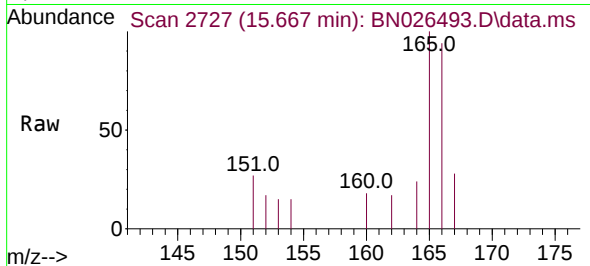
Tgt Ion:153 Resp: 730
Ion Ratio Lower Upper
153 100
152 60.5 40.2 60.4
154 89.1 69.3 103.9





#12
Fluorene
Concen: 0.023 ng/ul
RT: 15.667 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN026493.D
Acq: 13 Jul 2023 18:38

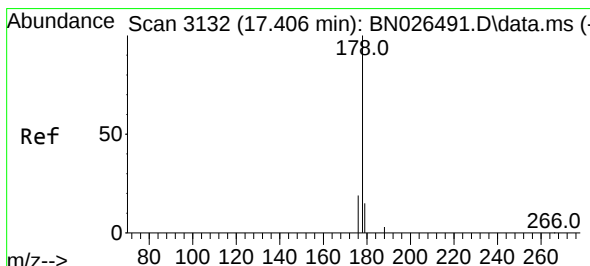
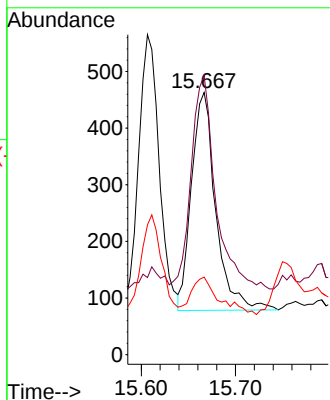
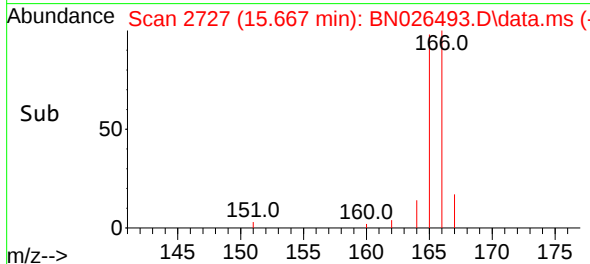
Instrument :
BNA_N
ClientSampleId :
A46F2



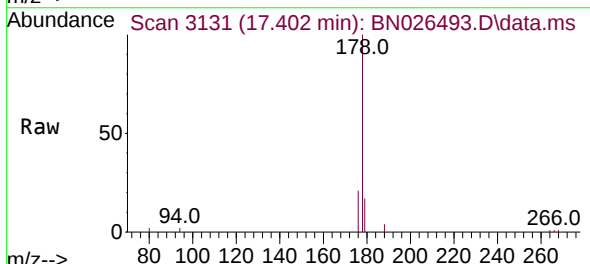
Tgt Ion:166 Resp: 68
Ion Ratio Lower Upper
166 100
165 106.5 80.6 120.8
167 29.6 12.0 18.0

Manual Integrations
APPROVED

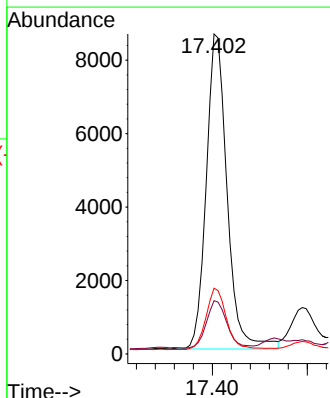
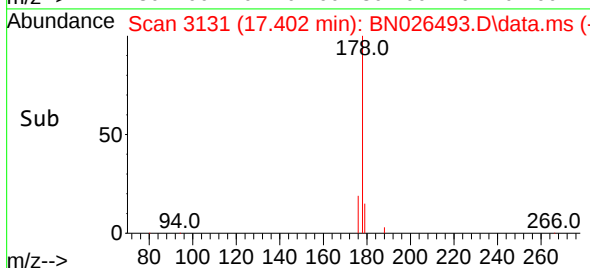
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

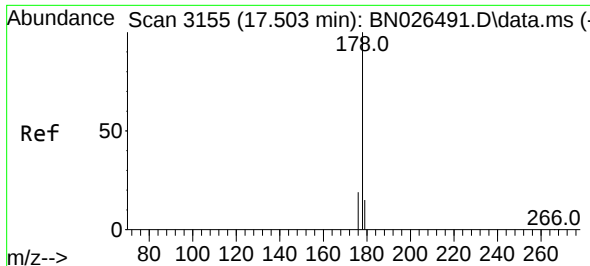


#15
Phenanthrene
Concen: 0.305 ng/ul
RT: 17.402 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BN026493.D
Acq: 13 Jul 2023 18:38



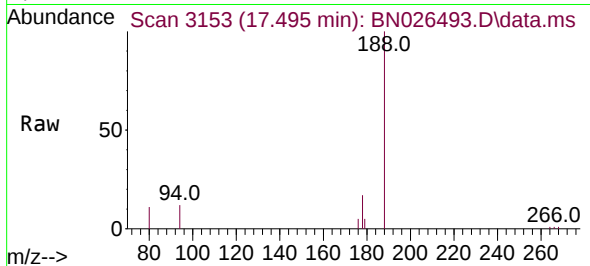
Tgt Ion:178 Resp: 13125
Ion Ratio Lower Upper
178 100
179 16.6 13.7 20.5
176 20.5 16.5 24.7





#16
 Anthracene
 Concen: 0.042 ng/ul
 RT: 17.495 min Scan# 3155
 Delta R.T. -0.008 min
 Lab File: BN026493.D
 Acq: 13 Jul 2023 18:38

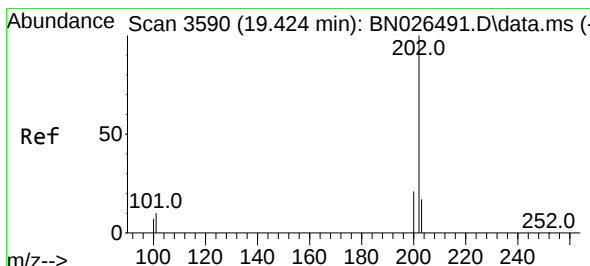
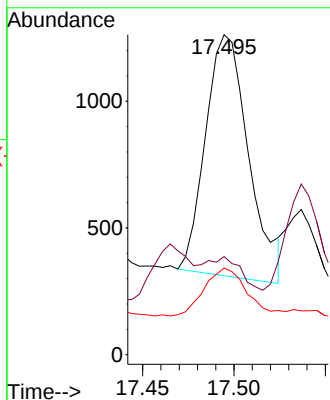
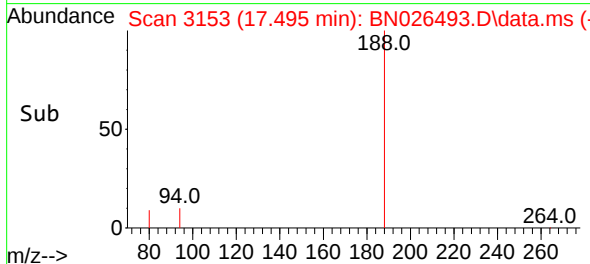
Instrument :
 BNA_N
 ClientSampleId :
 A46F2



Tgt Ion:178 Resp: 1559
 Ion Ratio Lower Upper
 178 100
 179 30.6 14.8 22.2
 176 27.1 16.6 25.0

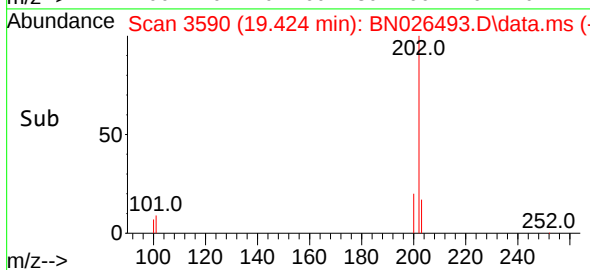
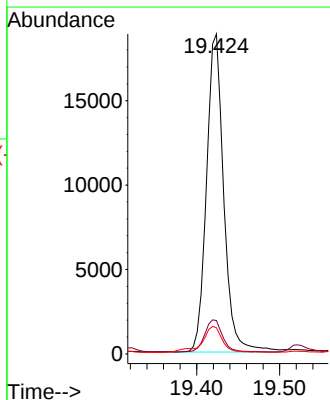
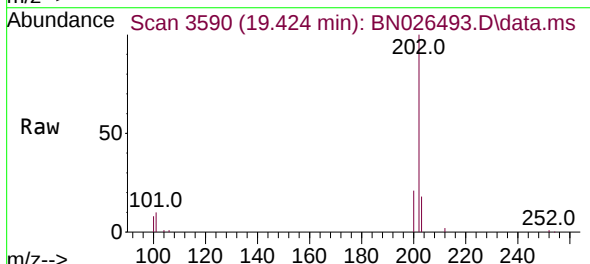
Manual Integrations
 APPROVED

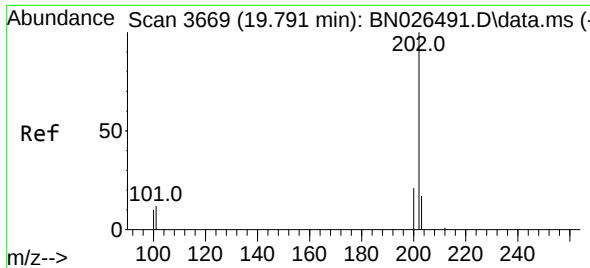
Reviewed By :Yogesh Patel 07/17/2023
 Supervised By :mohammad ahmed 07/17/2023



#19
 Fluoranthene
 Concen: 0.640 ng/ul
 RT: 19.424 min Scan# 3590
 Delta R.T. 0.000 min
 Lab File: BN026493.D
 Acq: 13 Jul 2023 18:38

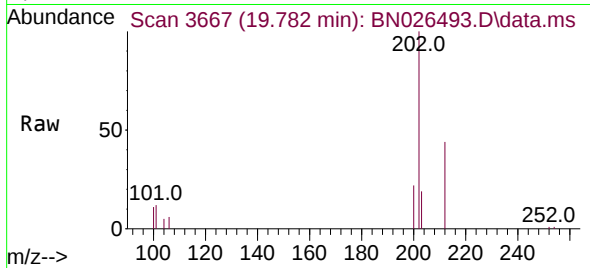
Tgt Ion:202 Resp: 27237
 Ion Ratio Lower Upper
 202 100
 101 10.4 7.0 10.4
 100 8.2 6.0 9.0





#20
Pyrene
Concen: 0.500 ng/ul
RT: 19.782 min Scan# 30
Delta R.T. -0.009 min
Lab File: BN026493.D
Acq: 13 Jul 2023 18:38

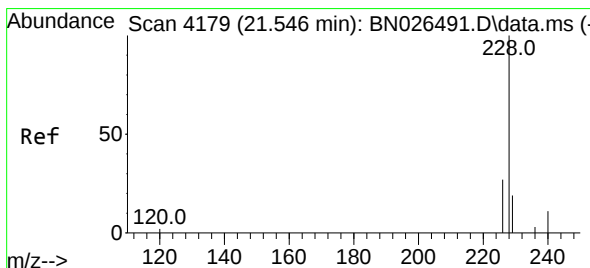
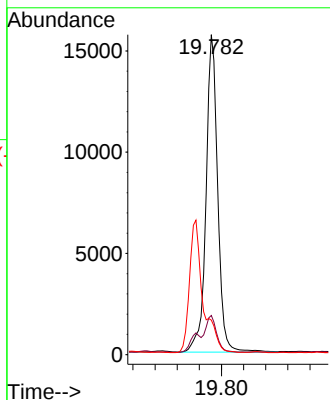
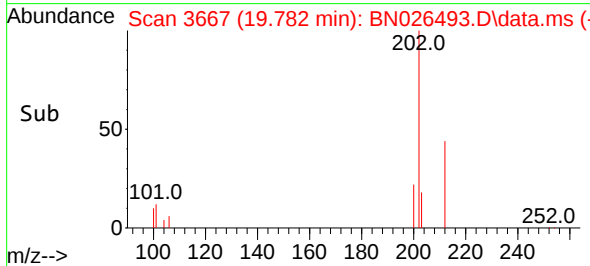
Instrument :
BNA_N
ClientSampleId :
A46F2



Tgt Ion:202 Resp: 23090
Ion Ratio Lower Upper
202 100
101 12.2 8.0 12.0
100 10.8 6.2 9.2

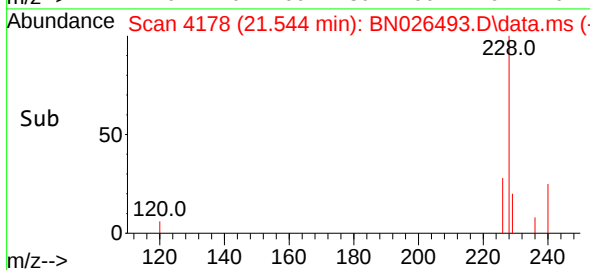
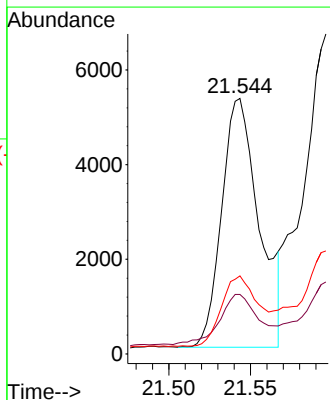
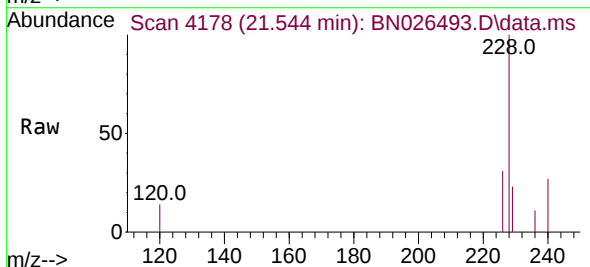
Manual Integrations
APPROVED

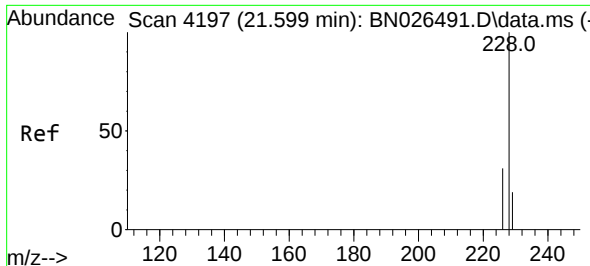
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#21
Benzo(a)anthracene
Concen: 0.251 ng/ul
RT: 21.544 min Scan# 4178
Delta R.T. -0.003 min
Lab File: BN026493.D
Acq: 13 Jul 2023 18:38

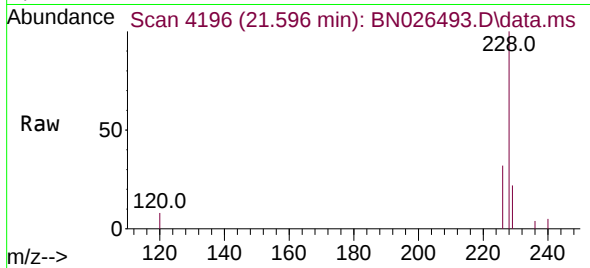
Tgt Ion:228 Resp: 8380
Ion Ratio Lower Upper
228 100
229 23.3 16.7 25.1
226 30.6 23.5 35.3





#22
Chrysene
Concen: 0.311 ng/ul m
RT: 21.596 min Scan# 4196
Delta R.T. -0.003 min
Lab File: BN026493.D
Acq: 13 Jul 2023 18:38

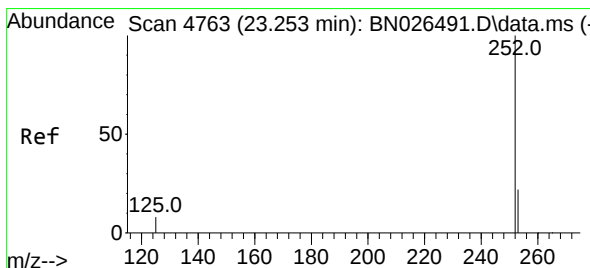
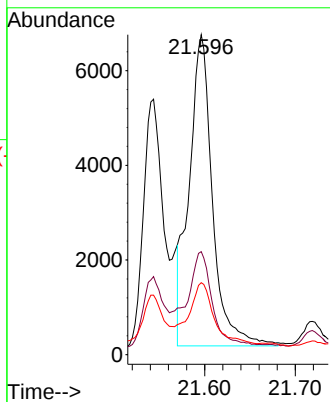
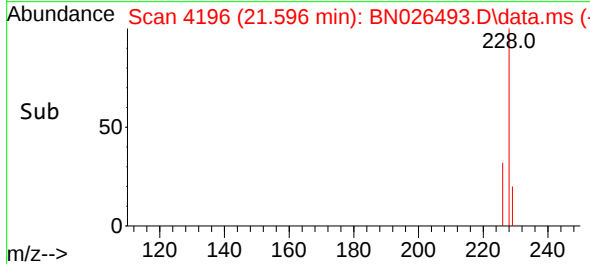
Instrument :
BNA_N
ClientSampleId :
A46F2



Tgt Ion:228 Resp: 11808
Ion Ratio Lower Upper
228 100
226 32.2 25.2 37.8
229 22.5 16.4 24.6

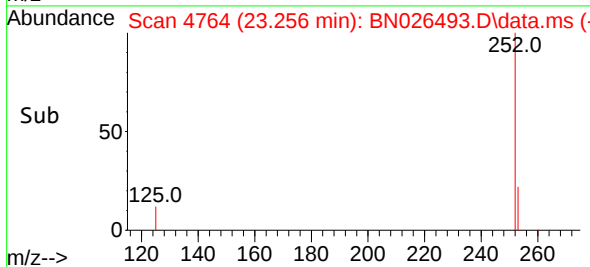
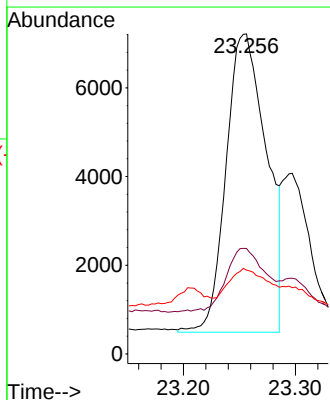
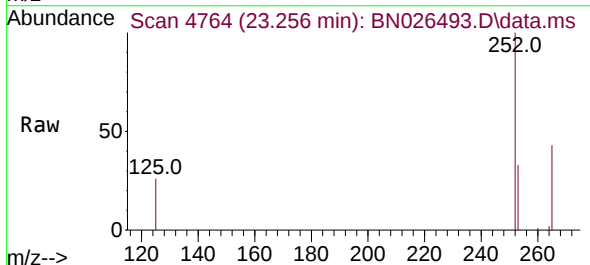
Manual Integrations
APPROVED

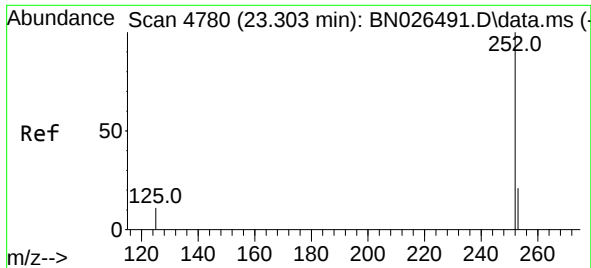
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#24
Benzo(b)fluoranthene
Concen: 0.452 ng/ul m
RT: 23.256 min Scan# 4764
Delta R.T. 0.003 min
Lab File: BN026493.D
Acq: 13 Jul 2023 18:38

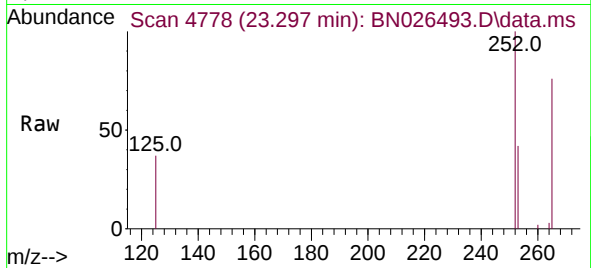
Tgt Ion:252 Resp: 16872
Ion Ratio Lower Upper
252 100
253 33.0 0.0 68.6
125 26.2 0.0 34.0





#25
Benzo(k)fluoranthene
Concen: 0.159 ng/ul m
RT: 23.297 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN026493.D
Acq: 13 Jul 2023 18:38

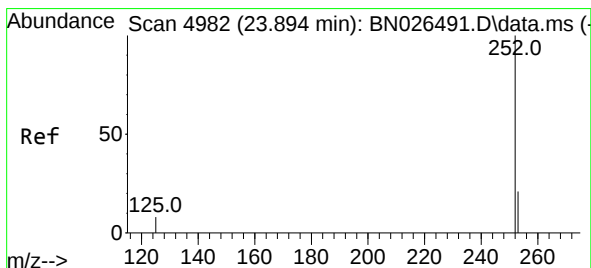
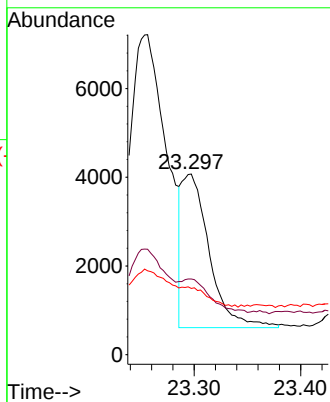
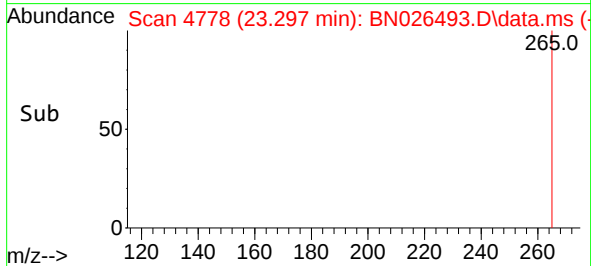
Instrument :
BNA_N
ClientSampleId :
A46F2



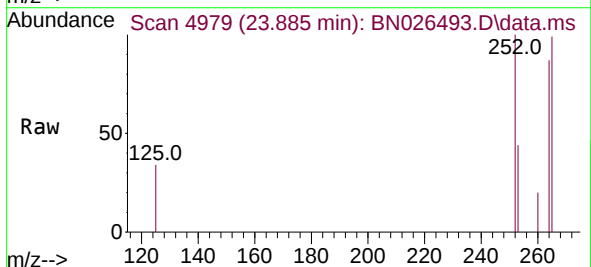
Tgt Ion:252 Resp: 6234
Ion Ratio Lower Upper
252 100
253 41.9 27.2 40.8
125 36.7 13.4 20.2

Manual Integrations
APPROVED

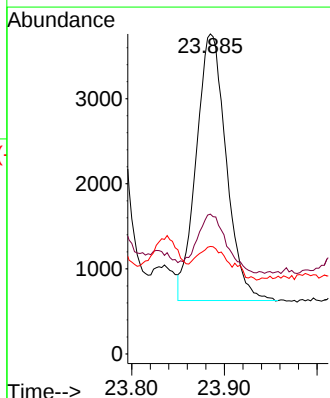
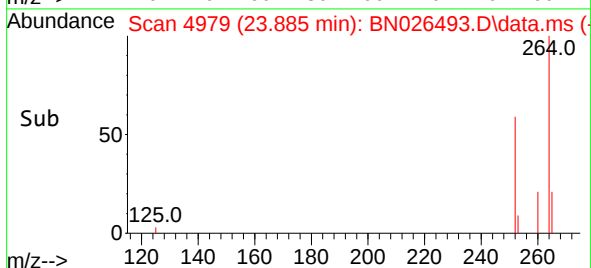
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

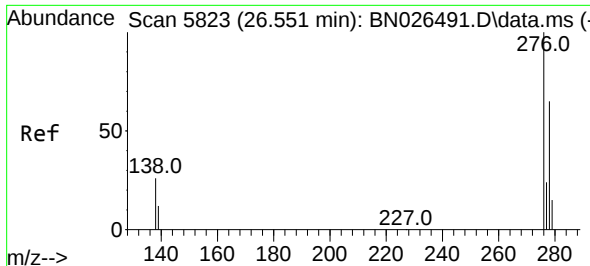


#26
Benzo(a)pyrene
Concen: 0.212 ng/ul
RT: 23.885 min Scan# 4979
Delta R.T. -0.009 min
Lab File: BN026493.D
Acq: 13 Jul 2023 18:38



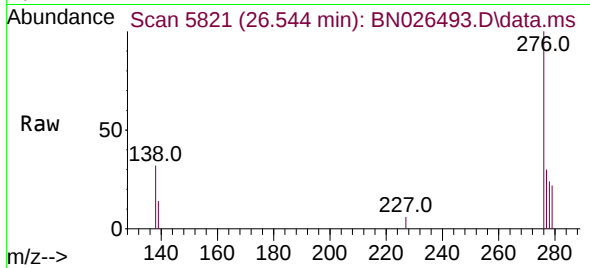
Tgt Ion:252 Resp: 7028
Ion Ratio Lower Upper
252 100
253 43.7 32.6 49.0
125 33.6 19.3 28.9





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.164 ng/ul
RT: 26.544 min Scan# 5821
Delta R.T. -0.007 min
Lab File: BN026493.D
Acq: 13 Jul 2023 18:38

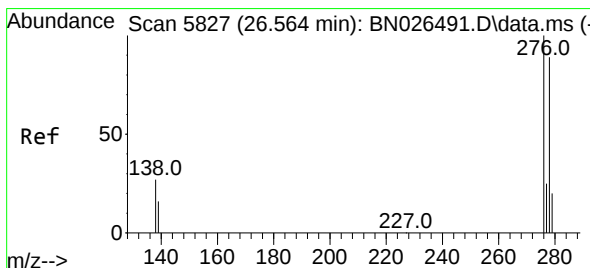
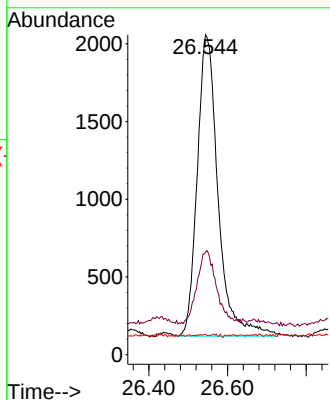
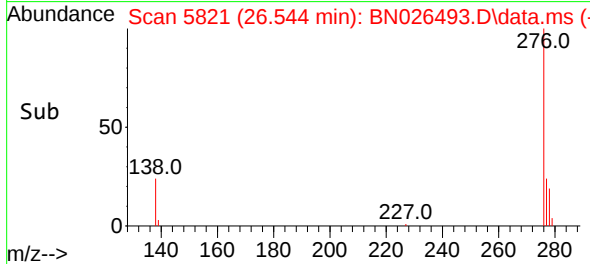
Instrument :
BNA_N
ClientSampleId :
A46F2



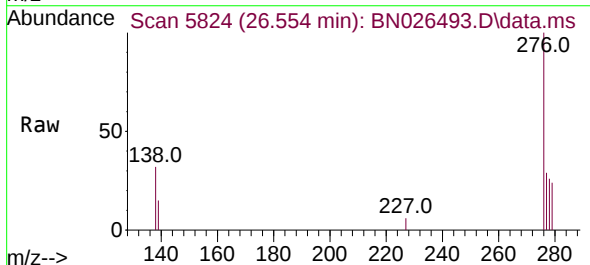
Tgt Ion:276 Resp: 7138
Ion Ratio Lower Upper
276 100
138 22.4 22.2 33.4
227 0.2 0.1 0.1

Manual Integrations
APPROVED

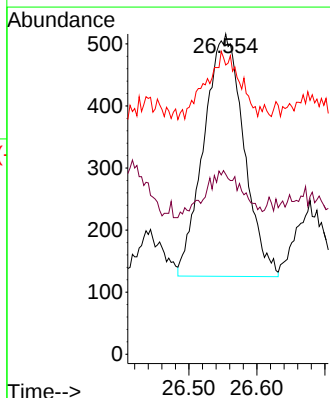
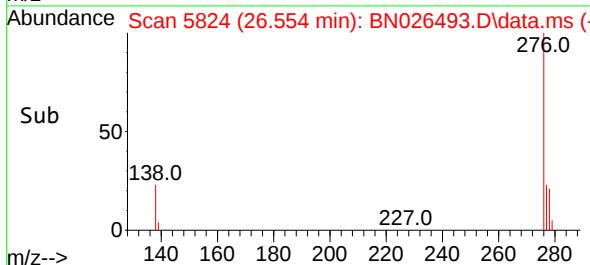
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

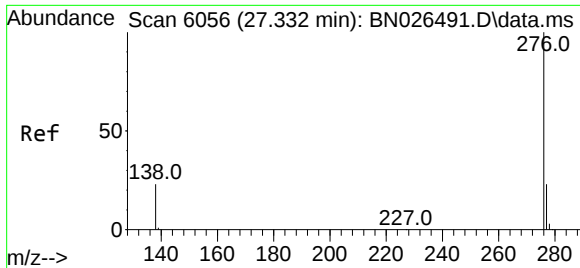


#28
Dibenzo(a,h)anthracene
Concen: 0.048 ng/ul
RT: 26.554 min Scan# 5824
Delta R.T. -0.010 min
Lab File: BN026493.D
Acq: 13 Jul 2023 18:38



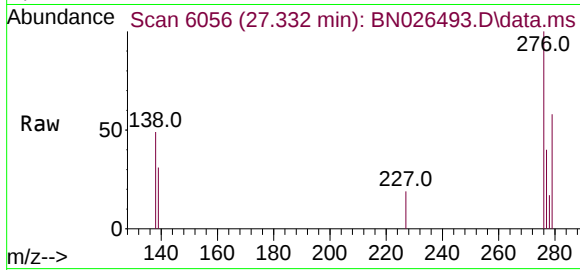
Tgt Ion:278 Resp: 1596
Ion Ratio Lower Upper
278 100
139 56.2 18.9 28.3#
279 90.3 31.3 46.9#





#29
Benzo(g,h,i)perylene
Concen: 0.060 ng/ul
RT: 27.332 min Scan# 6056
Delta R.T. 0.000 min
Lab File: BN026493.D
Acq: 13 Jul 2023 18:38

Instrument :
BNA_N
ClientSampleId :
A46F2



Tgt Ion: 276 Resp: 228

Ion	Ratio	Lower	Upper
276	100		
138	48.9	22.6	34.0
277	40.3	21.8	32.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

