

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
 Data File : BP018715.D
 Acq On : 08 Dec 2023 16:38
 Operator : MA/JU
 Sample : 05459-17
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AA5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/08/2023
 Supervised By :mohammad ahmed 12/08/2023

Quant Time: Dec 08 17:47:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 04 21:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	204710	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.640	136	961543	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.475	164	572006	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.222	188	1406343	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	1620842	20.000	ng/ul	0.00
88) Perylene-d12	23.680	264	1894583	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	11782	1.961	ng/uL	0.00
4) Pyridine-d5	3.687	84	38983	2.423	ng/ul	0.00
7) Phenol-d5	7.011	99	209638	10.205	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.181	67	160903	13.215	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.375	132	180052	11.232	ng/ul	-0.01
15) 4-Methylphenol-d8	8.552	113	84729	5.096	ng/ul	-0.02
21) Nitrobenzene-d5	9.005	128	90713	10.600	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.722	143	87806	9.896	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.257	165	156624	8.633	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.781	131	142897	6.027	ng/ul	-0.01
46) Dimethylphthalate-d6	13.887	166	540249	10.582	ng/ul	-0.02
49) Acenaphthylene-d8	14.163	160	616011	10.958	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.675	143	39703	4.738	ng/ul	-0.01
60) Fluorene-d10	15.463	176	516051	12.042	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.581	200	25759	3.055	ng/ul	-0.01
73) Anthracene-d10	17.322	188	798731	10.803	ng/ul	0.00
81) Pyrene-d10	19.557	212	1194340	9.466	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.521	264	1287229	11.653	ng/ul	-0.01
Target Compounds					Qvalue	
8) Phenol	7.040	94	34821	1.728	ng/ul	98
16) Acetophenone	8.669	105	182204	7.354	ng/ul	99
72) Phenanthrene	17.263	178	1260151	14.836	ng/ul	100
74) Anthracene	17.351	178	326060	3.830	ng/ul	100
77) Carbazole	17.628	167	100534	1.482	ng/ul	99
80) Fluoranthene	19.233	202	2666927	17.882	ng/ul	97
82) Pyrene	19.586	202	2356704	15.664	ng/ul	97
85) Benzo(a)anthracene	21.292	228	1323640	10.061	ng/ul	99
87) Chrysene	21.345	228	1168840	9.648	ng/ul	97
90) Benzo(b)fluoranthene	22.957	252	1407689	10.077	ng/ul	98
91) Benzo(k)fluoranthene	22.998	252	523660m	3.874	ng/ul	
93) Benzo(a)pyrene	23.574	252	1021811	8.006	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.133	276	671939	4.406	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.145	278	167436	1.320	ng/ul#	91
96) Benzo(g,h,i)perylene	26.892	276	432308	3.522	ng/ul	96

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

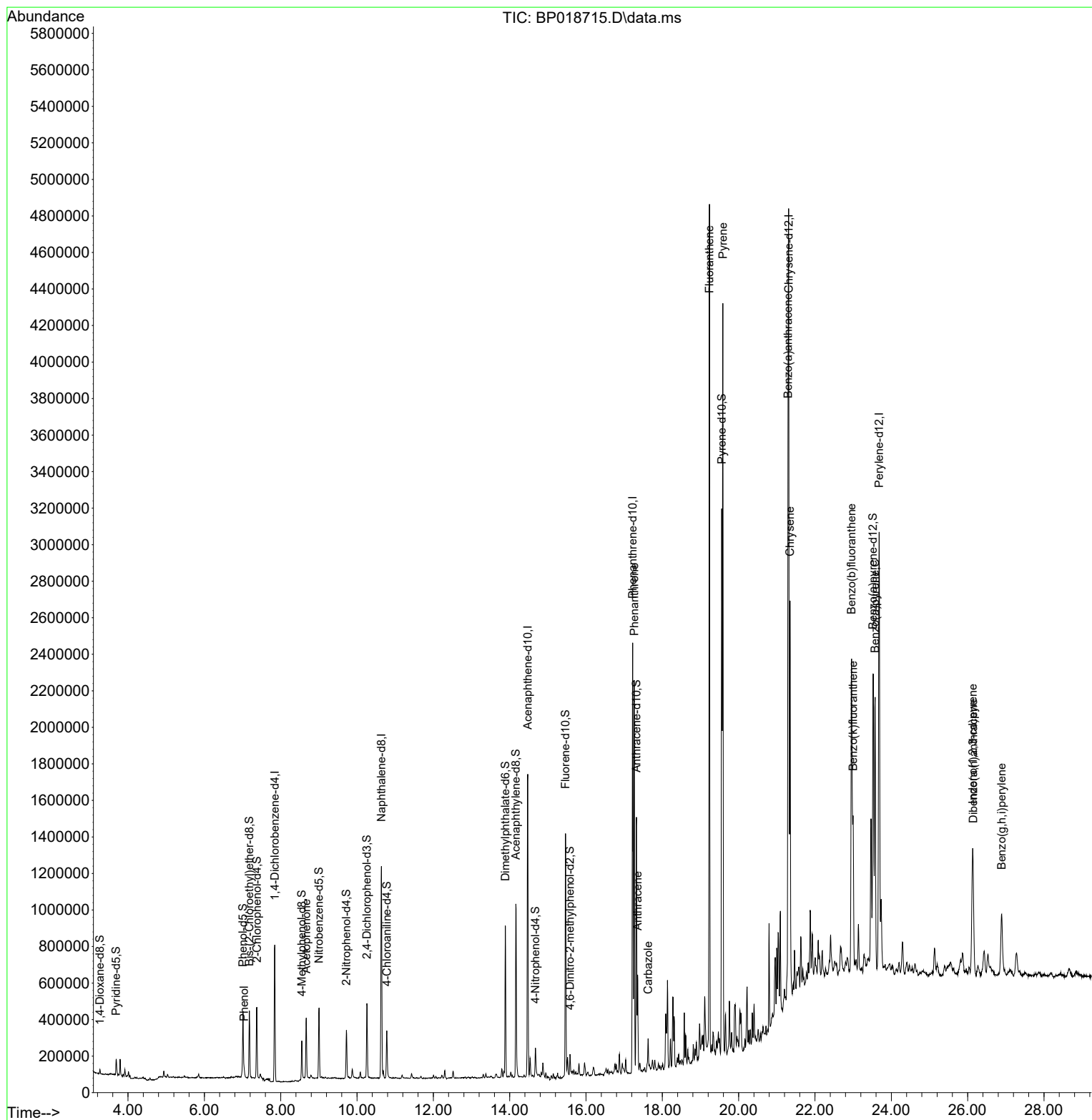
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
 Data File : BP018715.D
 Acq On : 08 Dec 2023 16:38
 Operator : MA/JU
 Sample : 05459-17
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

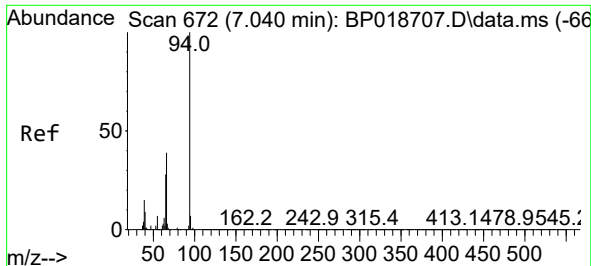
Instrument :
 BNA_P
 ClientSampleId :
 C0AA5

Quant Time: Dec 08 17:47:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 04 21:39:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/08/2023
 Supervised By :mohammad ahmed 12/08/2023





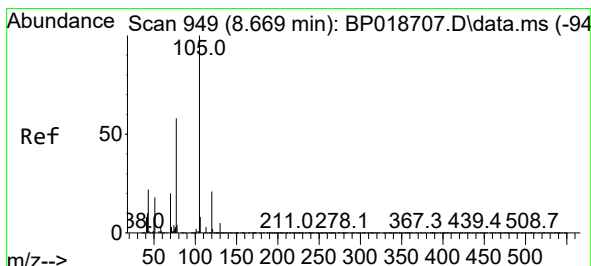
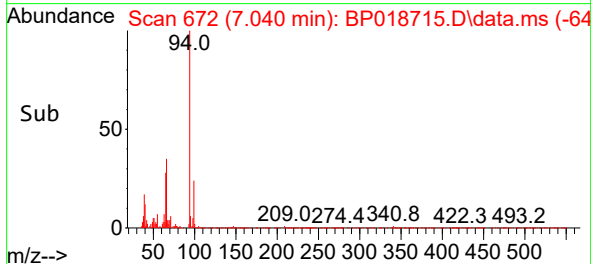
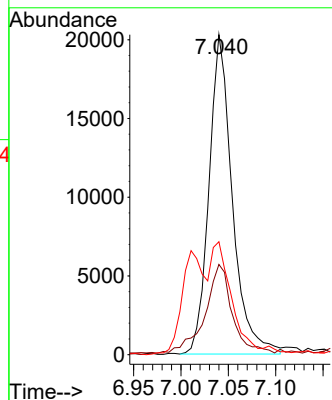
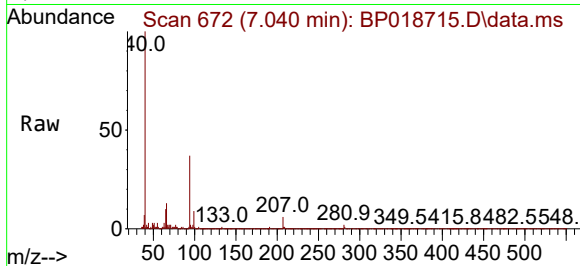
#8
Phenol
Concen: 1.728 ng/ul
RT: 7.040 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP018715.D
Acq: 08 Dec 2023 16:38

Instrument :
BNA_P
ClientSampleId :
C0AA5

Tgt Ion: 94 Resp: 3482
Ion Ratio Lower Upper
94 100
65 28.2 21.0 31.6
66 35.3 28.6 43.0

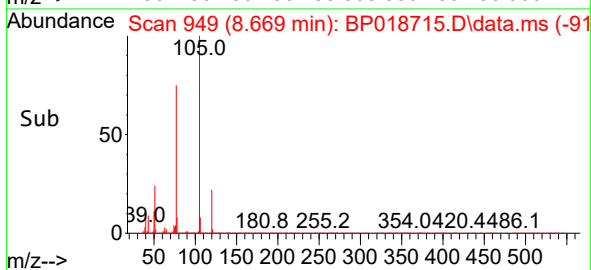
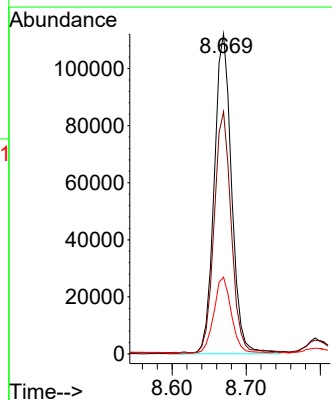
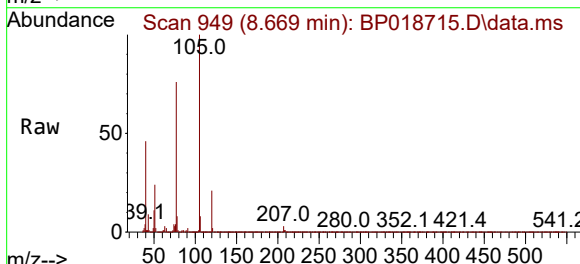
Manual Integrations
APPROVED

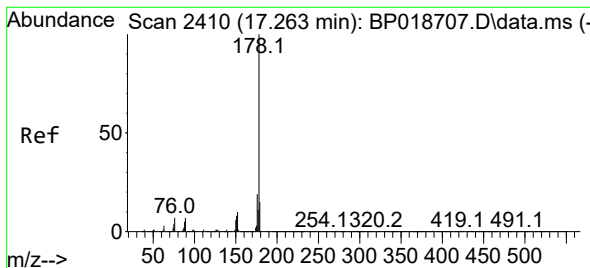
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#16
Acetophenone
Concen: 7.354 ng/ul
RT: 8.669 min Scan# 949
Delta R.T. -0.012 min
Lab File: BP018715.D
Acq: 08 Dec 2023 16:38

Tgt Ion:105 Resp: 182204
Ion Ratio Lower Upper
105 100
77 75.7 59.4 89.0
51 24.0 19.4 29.0





#72

Phenanthrene

Concen: 14.836 ng/ul

RT: 17.263 min Scan# 2410

Delta R.T. -0.012 min

Lab File: BP018715.D

Acq: 08 Dec 2023 16:38

Instrument :

BNA_P

ClientSampleId :

C0AA5

Tgt Ion:178 Resp: 126015

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

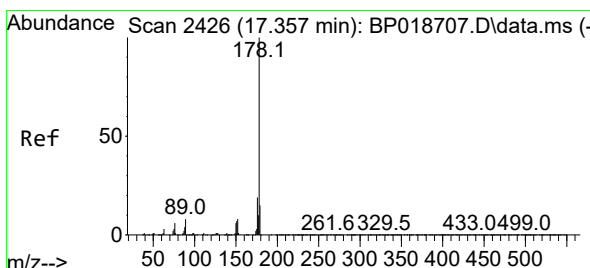
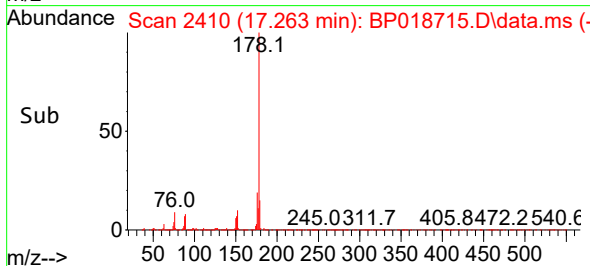
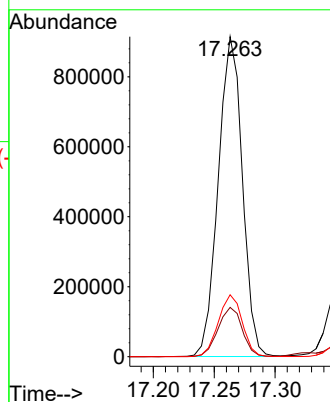
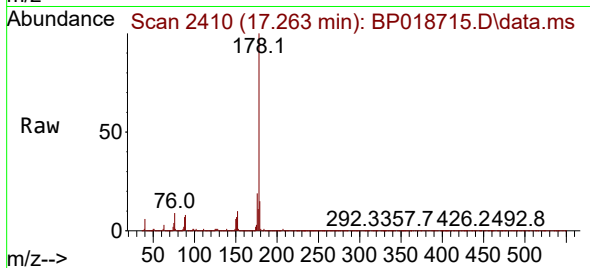
176 19.4 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/08/2023



#74

Anthracene

Concen: 3.830 ng/ul

RT: 17.351 min Scan# 2425

Delta R.T. -0.012 min

Lab File: BP018715.D

Acq: 08 Dec 2023 16:38

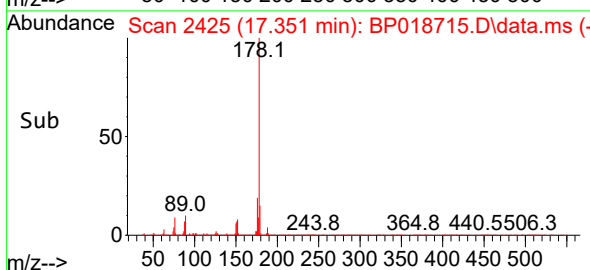
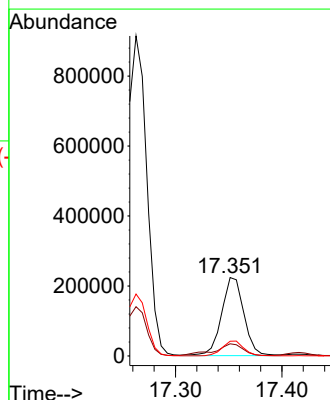
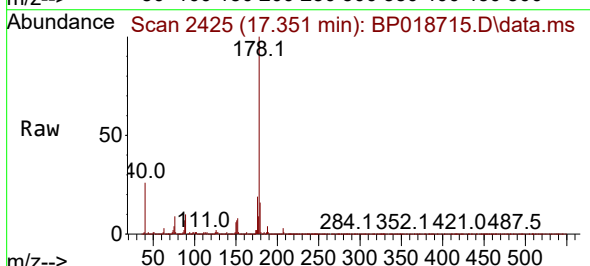
Tgt Ion:178 Resp: 326060

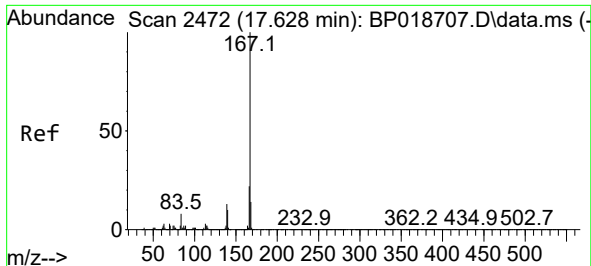
Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

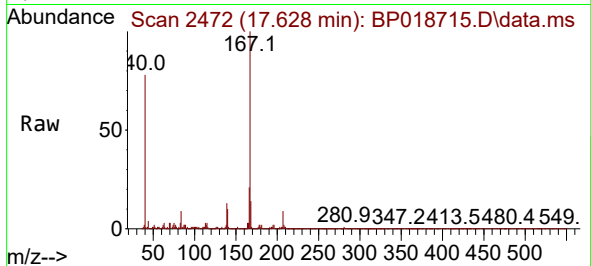
176 18.8 15.0 22.6





#77
 Carbazole
 Concen: 1.482 ng/ul
 RT: 17.628 min Scan# 2472
 Delta R.T. -0.012 min
 Lab File: BP018715.D
 Acq: 08 Dec 2023 16:38

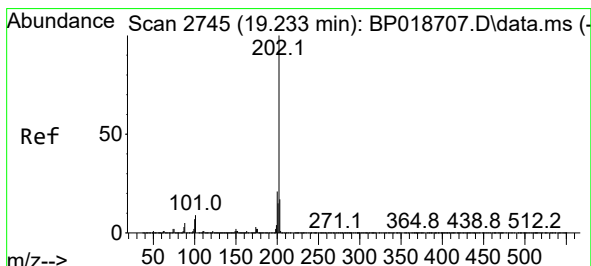
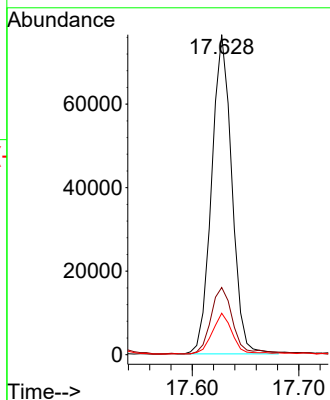
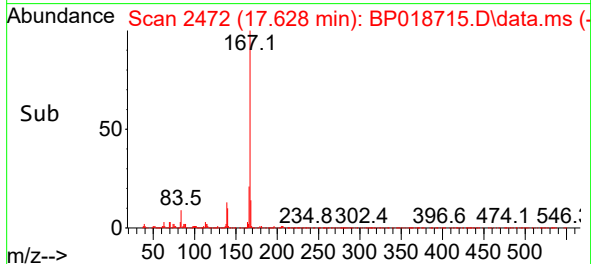
Instrument :
 BNA_P
 ClientSampleId :
 C0AA5



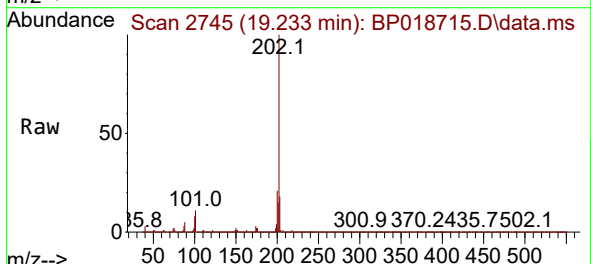
Tgt Ion:167 Resp: 100534
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.1 25.7
 139 13.0 10.2 15.4

Manual Integrations
 APPROVED

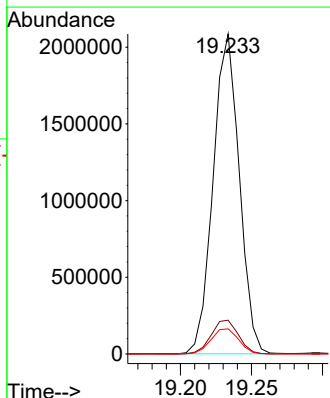
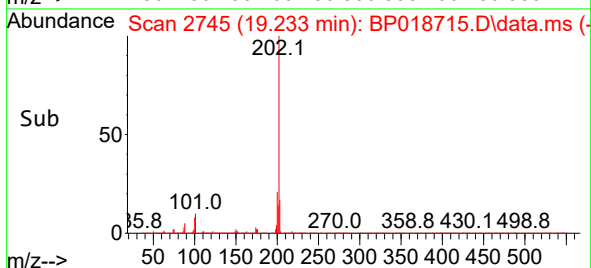
Reviewed By :Yogesh Patel 12/08/2023
 Supervised By :mohammad ahmed 12/08/2023

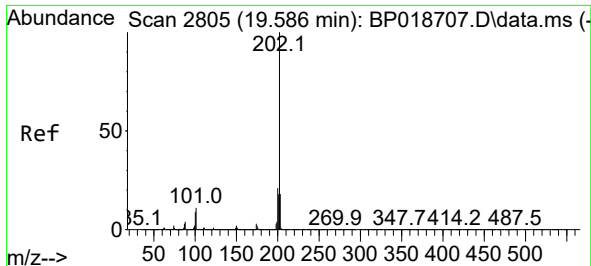


#80
 Fluoranthene
 Concen: 17.882 ng/ul
 RT: 19.233 min Scan# 2745
 Delta R.T. -0.006 min
 Lab File: BP018715.D
 Acq: 08 Dec 2023 16:38



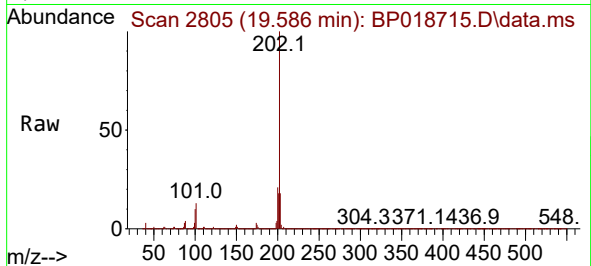
Tgt Ion:202 Resp: 2666927
 Ion Ratio Lower Upper
 202 100
 101 10.5 9.1 13.7
 100 7.9 7.1 10.7





#82
Pyrene
Concen: 15.664 ng/ul
RT: 19.586 min Scan# 2805
Delta R.T. -0.006 min
Lab File: BP018715.D
Acq: 08 Dec 2023 16:38

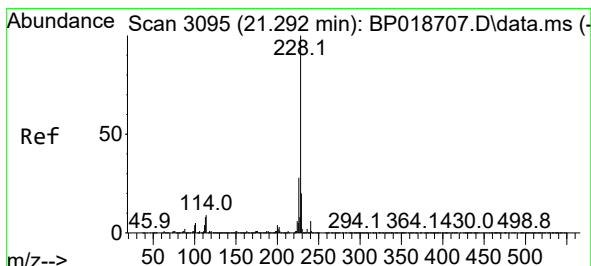
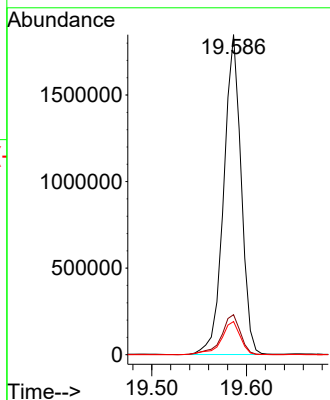
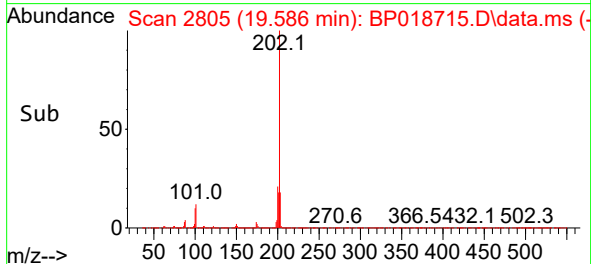
Instrument :
BNA_P
ClientSampleId :
C0AA5



Tgt Ion:202 Resp: 2356704
Ion Ratio Lower Upper
202 100
101 12.5 11.0 16.4
100 10.4 9.1 13.7

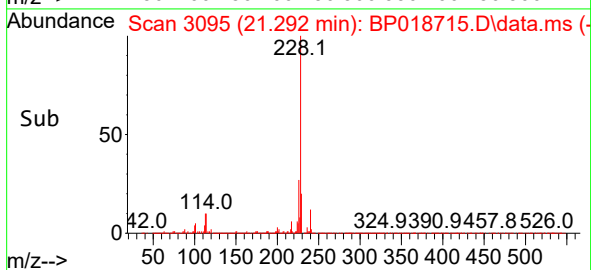
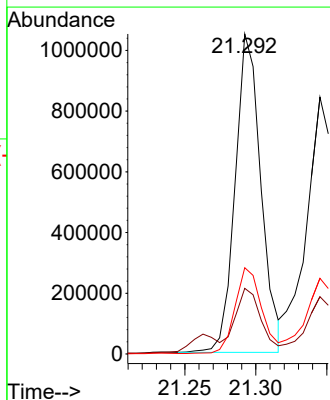
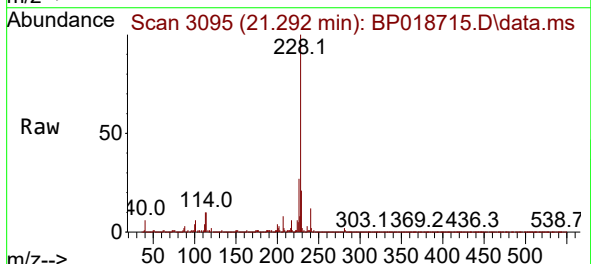
Manual Integrations
APPROVED

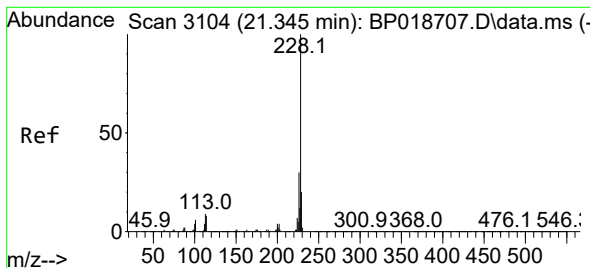
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#85
Benzo(a)anthracene
Concen: 10.061 ng/ul
RT: 21.292 min Scan# 3095
Delta R.T. -0.012 min
Lab File: BP018715.D
Acq: 08 Dec 2023 16:38

Tgt Ion:228 Resp: 1323640
Ion Ratio Lower Upper
228 100
229 20.5 15.7 23.5
226 26.9 21.9 32.9





#87

Chrysene

Concen: 9.648 ng/ul

RT: 21.345 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BP018715.D

Acq: 08 Dec 2023 16:38

Instrument :

BNA_P

ClientSampleId :

C0AA5

Tgt Ion:228 Resp: 1168840

Ion Ratio Lower Upper

228 100

226 29.5 23.9 35.9

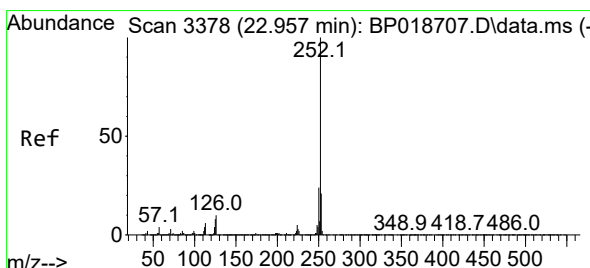
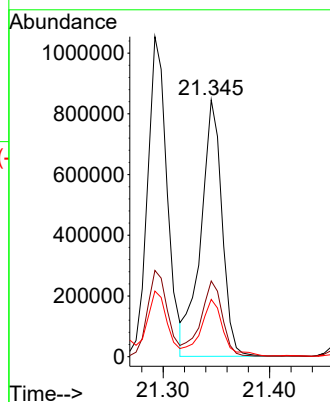
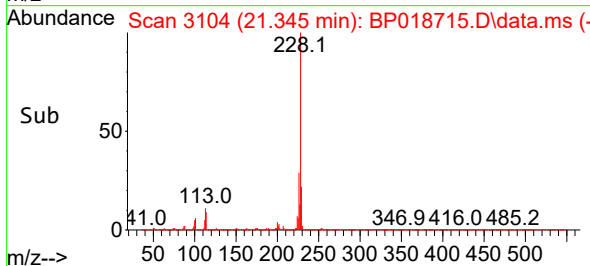
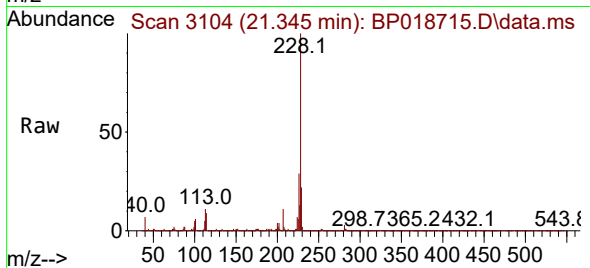
229 22.3 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/08/2023



#90

Benzo(b)fluoranthene

Concen: 10.077 ng/ul

RT: 22.957 min Scan# 3378

Delta R.T. -0.006 min

Lab File: BP018715.D

Acq: 08 Dec 2023 16:38

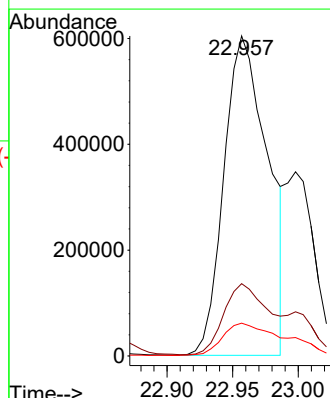
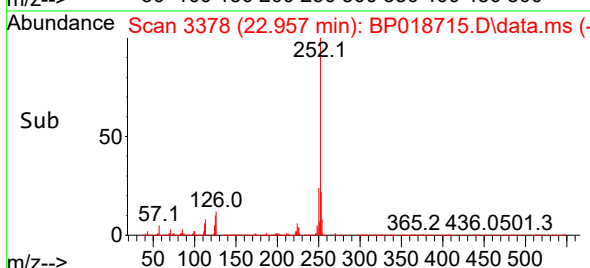
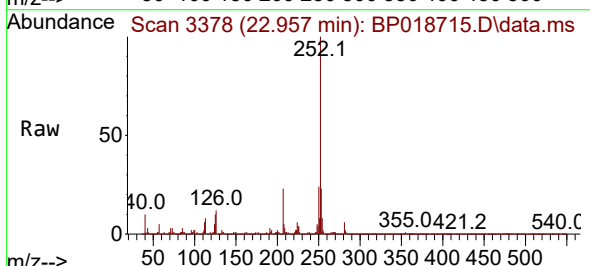
Tgt Ion:252 Resp: 1407689

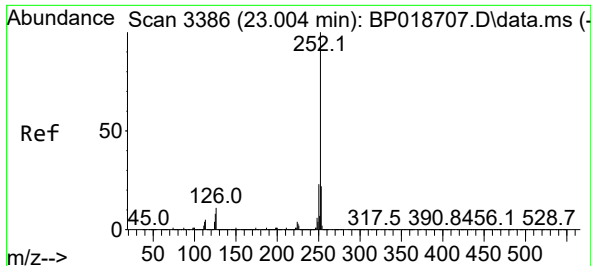
Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

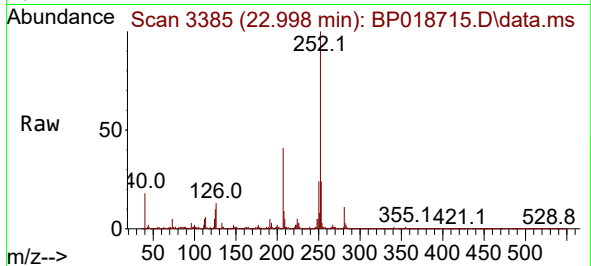
125 10.3 7.8 11.6





#91
Benzo(k)fluoranthene
Concen: 3.874 ng/ul m
RT: 22.998 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP018715.D
Acq: 08 Dec 2023 16:38

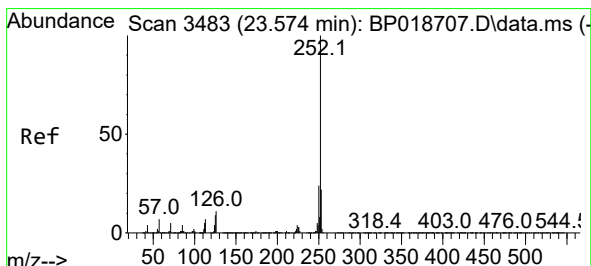
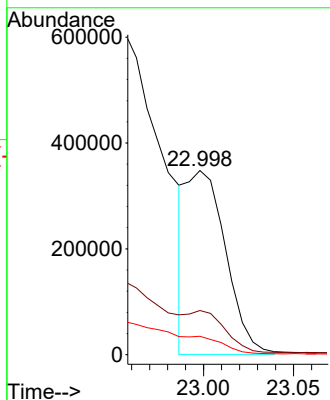
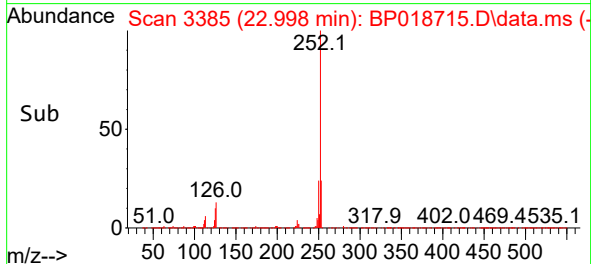
Instrument :
BNA_P
ClientSampleId :
C0AA5



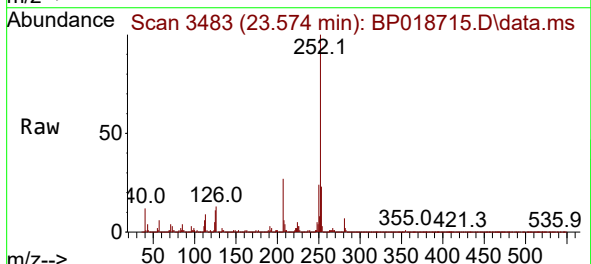
Tgt Ion:252 Resp: 523660
Ion Ratio Lower Upper
252 100
253 24.0 17.7 26.5
125 10.0 8.0 12.0

Manual Integrations
APPROVED

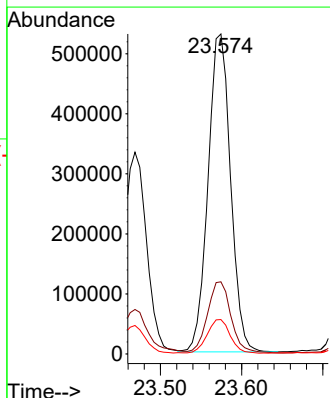
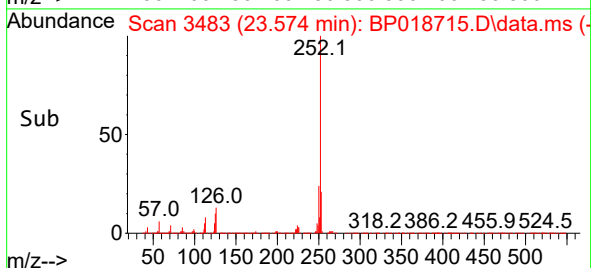
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

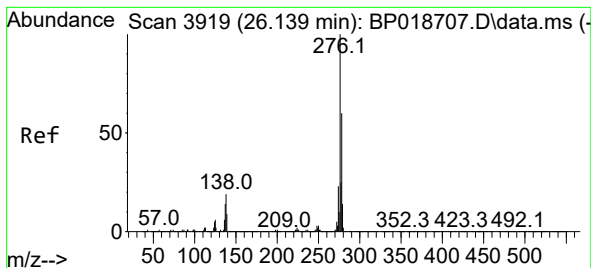


#93
Benzo(a)pyrene
Concen: 8.006 ng/ul
RT: 23.574 min Scan# 3483
Delta R.T. -0.012 min
Lab File: BP018715.D
Acq: 08 Dec 2023 16:38



Tgt Ion:252 Resp: 1021811
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 10.7 9.2 13.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.406 ng/ul

RT: 26.133 min Scan# 3919

Delta R.T. -0.023 min

Lab File: BP018715.D

Acq: 08 Dec 2023 16:38

Instrument :

BNA_P

ClientSampleId :

C0AA5

Tgt Ion:276 Resp: 671939

Ion Ratio Lower Upper

276 100

138 19.2 19.4 29.2

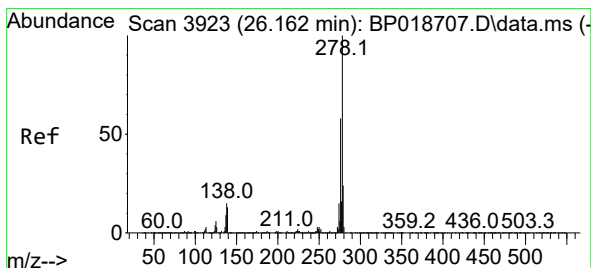
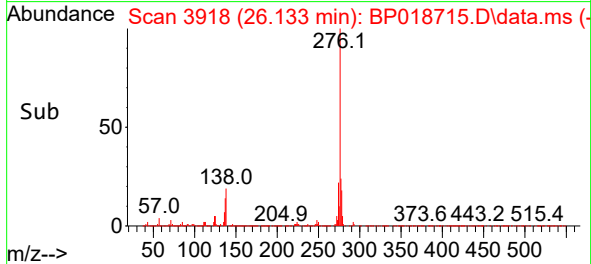
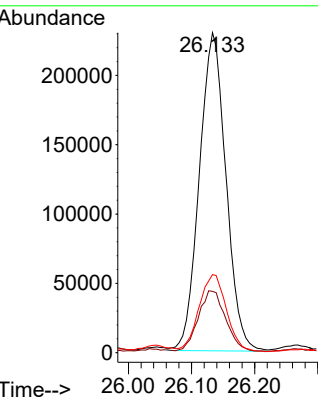
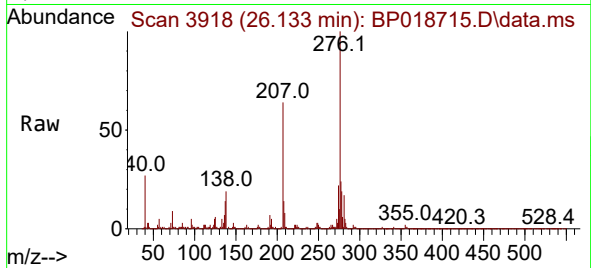
277 24.4 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/08/2023



#95

Dibenzo(a,h)anthracene

Concen: 1.320 ng/ul

RT: 26.145 min Scan# 3920

Delta R.T. -0.035 min

Lab File: BP018715.D

Acq: 08 Dec 2023 16:38

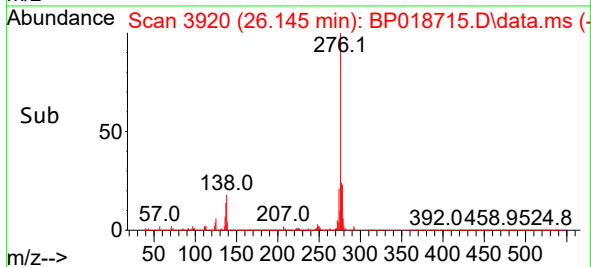
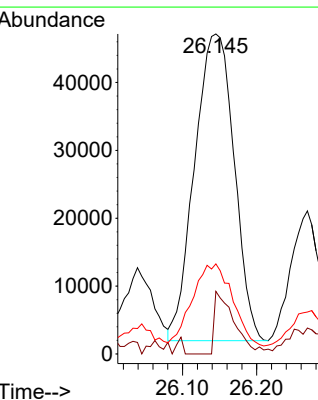
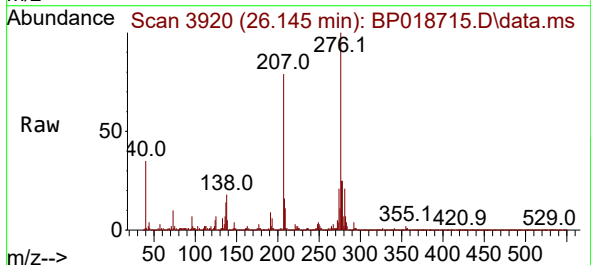
Tgt Ion:278 Resp: 167436

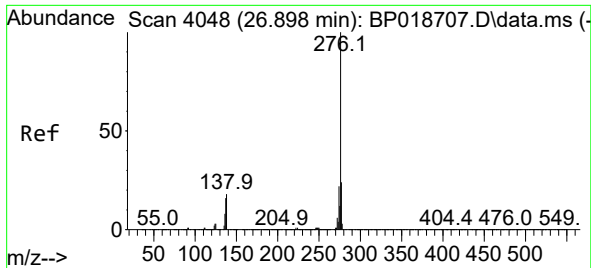
Ion Ratio Lower Upper

278 100

139 19.5 13.0 19.6

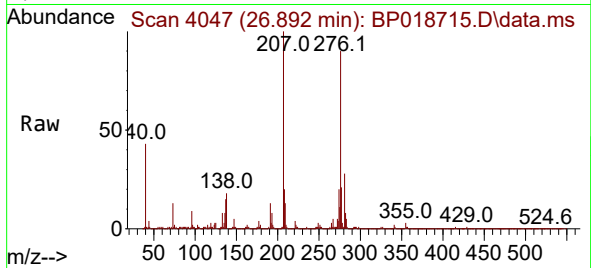
279 28.2 18.7 28.1#





#96
 Benzo(g,h,i)perylene
 Concen: 3.522 ng/ul
 RT: 26.892 min Scan# 4047
 Delta R.T. -0.023 min
 Lab File: BP018715.D
 Acq: 08 Dec 2023 16:38

Instrument :
 BNA_P
 ClientSampleId :
 C0AA5



Tgt Ion: 276 Resp: 432308
 Ion Ratio Lower Upper
 276 100
 138 19.7 18.1 27.1
 277 23.5 19.4 29.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/08/2023
 Supervised By :mohammad ahmed 12/08/2023

