

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
 Data File : BP018698.D
 Acq On : 08 Dec 2023 05:53
 Operator : MA/JU
 Sample : 05459-17
 Misc :
 ALS Vial : 34 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 06:22:23 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	252305	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.640	136	961509	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.475	164	606084	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.222	188	1459160	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	1563700	20.000	ng/u1	0.00
88) Perylene-d12	23.680	264	1829190	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	9973	1.347	ng/uL	0.00
4) Pyridine-d5	3.693	84	39420	1.988	ng/u1	0.00
7) Phenol-d5	7.011	99	112376	4.438	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.181	67	100714	6.711	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.375	132	105067	5.318	ng/u1	-0.01
15) 4-Methylphenol-d8	8.558	113	24781	1.209	ng/u1	-0.01
21) Nitrobenzene-d5	9.005	128	58190	6.800	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.728	143	54046	6.091	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.263	165	94699	5.220	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.781	131	62559	2.639	ng/u1	-0.01
46) Dimethylphthalate-d6	13.887	166	373478	6.904	ng/u1	-0.02
49) Acenaphthylene-d8	14.169	160	414189	6.954	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.681	143	10616	1.196	ng/u1	0.00
60) Fluorene-d10	15.463	176	353902	7.794	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.587	200	5727	0.655	ng/u1	0.00
73) Anthracene-d10	17.322	188	530091	6.910	ng/u1	0.00
81) Pyrene-d10	19.557	212	805133	6.615	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.527	264	802066	7.520	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	7.040	94	35122	1.414	ng/u1	96
16) Acetophenone	8.669	105	185710	6.081	ng/u1	99
72) Phenanthrene	17.263	178	1300361	14.756	ng/u1	99
74) Anthracene	17.357	178	342247	3.874	ng/u1	98
77) Carbazole	17.628	167	107216	1.523	ng/u1	97
80) Fluoranthene	19.233	202	2679397	18.622	ng/u1	99
82) Pyrene	19.586	202	2369607	16.325	ng/u1	97
85) Benzo(a)anthracene	21.292	228	1268005	9.990	ng/u1	99
87) Chrysene	21.345	228	1138983	9.745	ng/u1	97
90) Benzo(b)fluoranthene	22.957	252	1322576	9.806	ng/u1	97
91) Benzo(k)fluoranthene	22.998	252	521107m	3.993	ng/u1	
93) Benzo(a)pyrene	23.574	252	979632	7.949	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.133	276	641623	4.358	ng/u1#	94
95) Dibenzo(a,h)anthracene	26.151	278	158708	1.296	ng/u1#	81
96) Benzo(g,h,i)perylene	26.892	276	410059	3.461	ng/u1	97

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

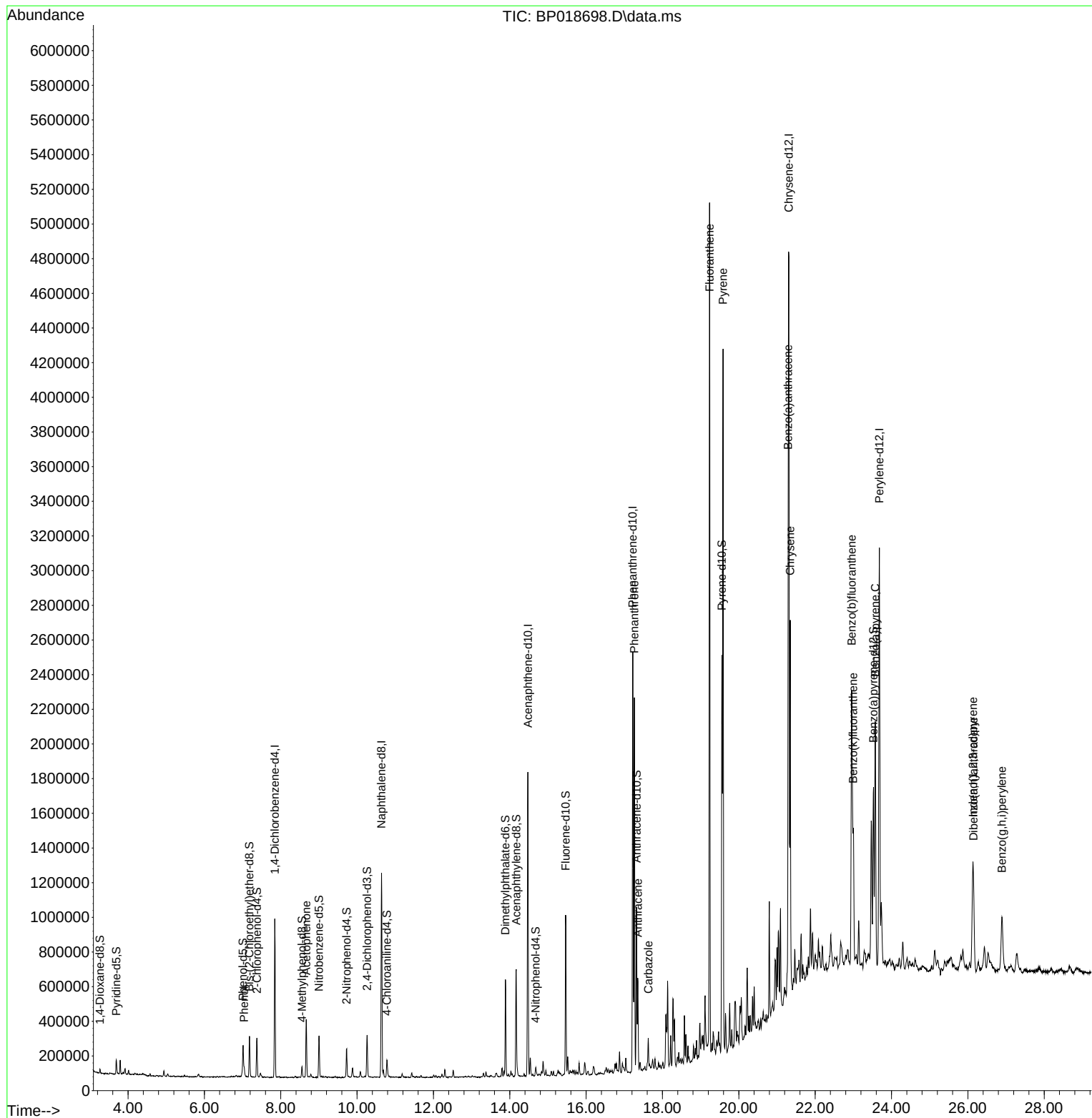
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
 Data File : BP018698.D
 Acq On : 08 Dec 2023 05:53
 Operator : MA/JU
 Sample : 05459-17
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

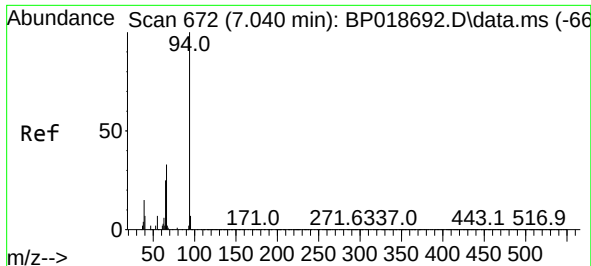
Instrument :
 BNA_P
 ClientSampleId :
 C0AA5

Quant Time: Dec 08 06:22:23 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

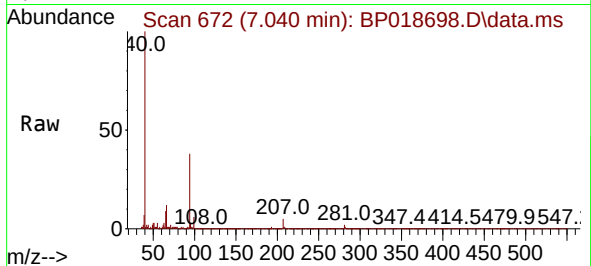
Reviewed By :Yogesh Patel 12/08/2023
 Supervised By :mohammad ahmed 12/08/2023





#8
Phenol
Concen: 1.414 ng/ul
RT: 7.040 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP018698.D
Acq: 08 Dec 2023 05:53

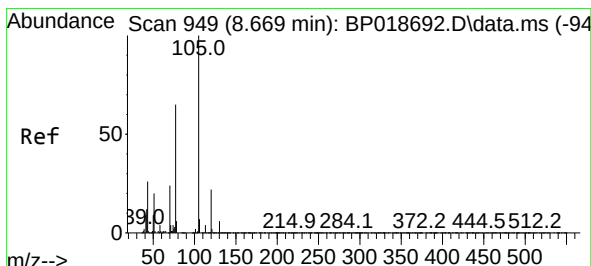
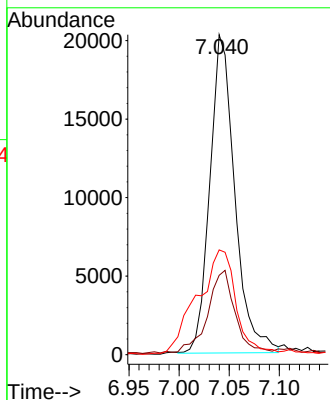
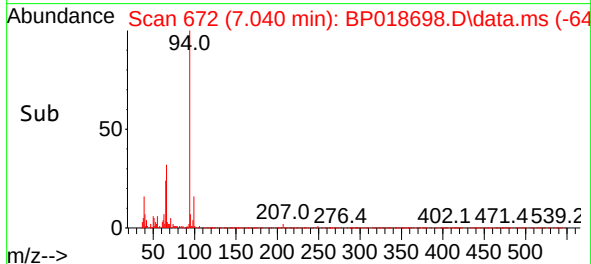
Instrument :
BNA_P
ClientSampleId :
C0AA5



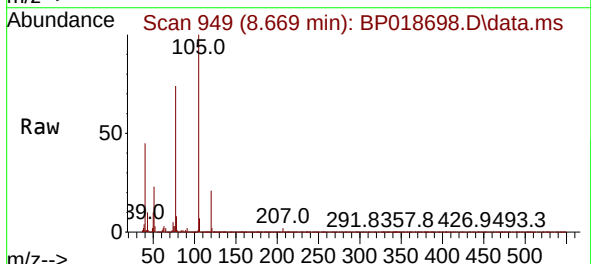
Tgt Ion: 94 Resp: 3512
Ion Ratio Lower Upper
94 100
65 24.8 21.0 31.6
66 32.8 28.6 43.0

Manual Integrations
APPROVED

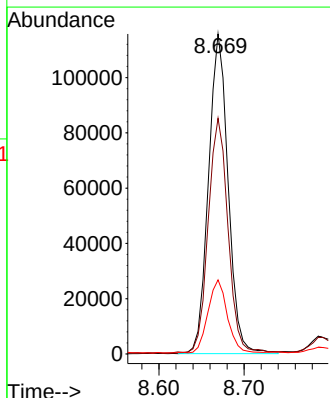
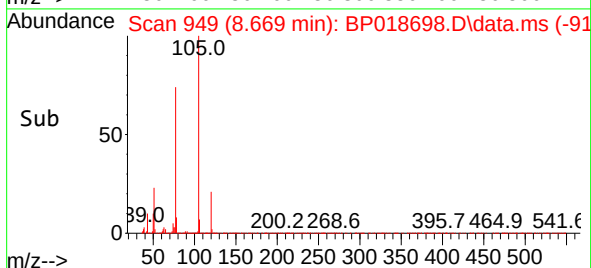
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

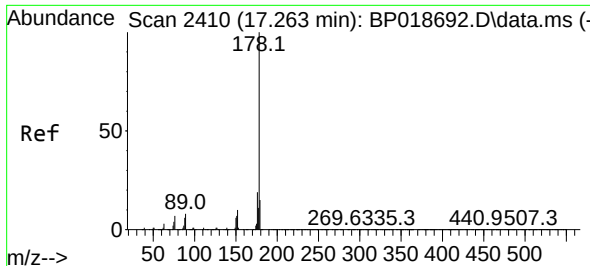


#16
Acetophenone
Concen: 6.081 ng/ul
RT: 8.669 min Scan# 949
Delta R.T. -0.012 min
Lab File: BP018698.D
Acq: 08 Dec 2023 05:53



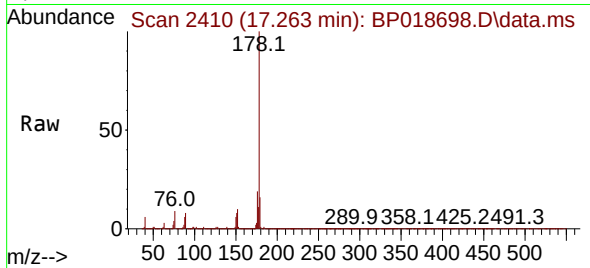
Tgt Ion:105 Resp: 185710
Ion Ratio Lower Upper
105 100
77 73.6 59.4 89.0
51 23.2 19.4 29.0





#72
Phenanthrene
Concen: 14.756 ng/ul
RT: 17.263 min Scan# 2410
Delta R.T. -0.012 min
Lab File: BP018698.D
Acq: 08 Dec 2023 05:53

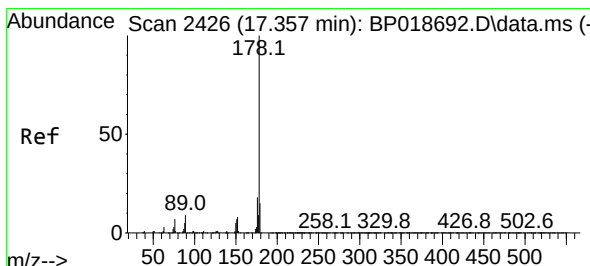
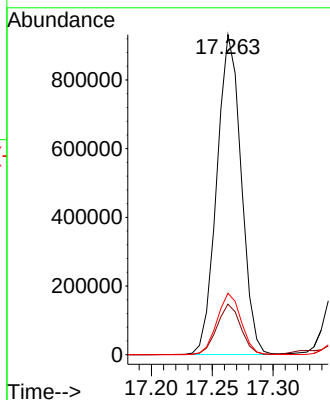
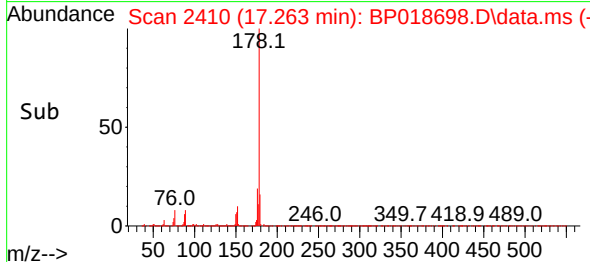
Instrument :
BNA_P
ClientSampleId :
C0AA5



Tgt Ion:178 Resp: 130036
Ion Ratio Lower Upper
178 100
179 15.8 12.3 18.5
176 19.2 15.4 23.2

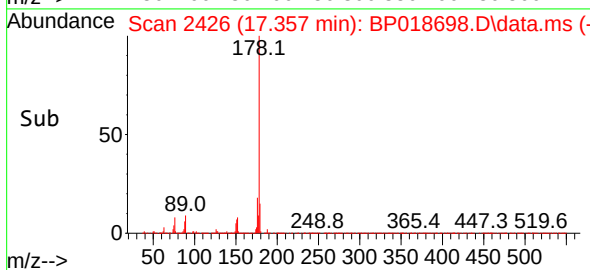
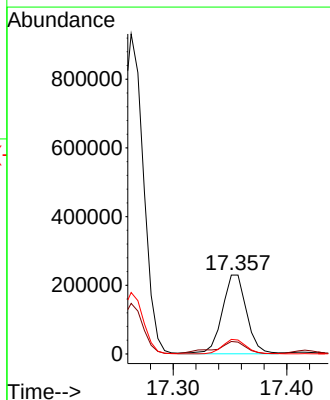
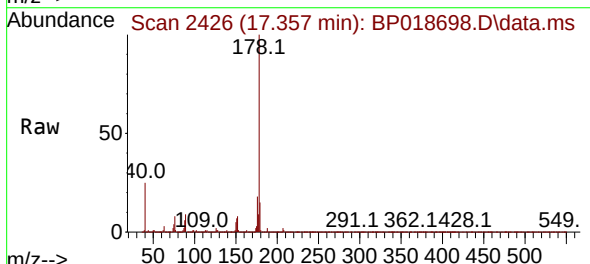
Manual Integrations
APPROVED

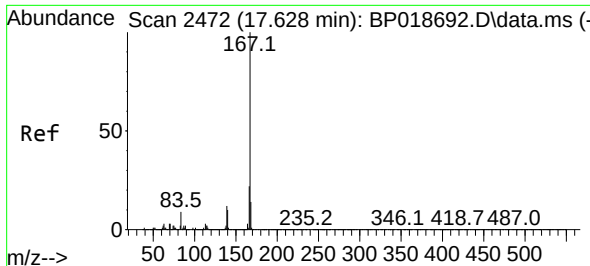
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#74
Anthracene
Concen: 3.874 ng/ul
RT: 17.357 min Scan# 2426
Delta R.T. -0.006 min
Lab File: BP018698.D
Acq: 08 Dec 2023 05:53

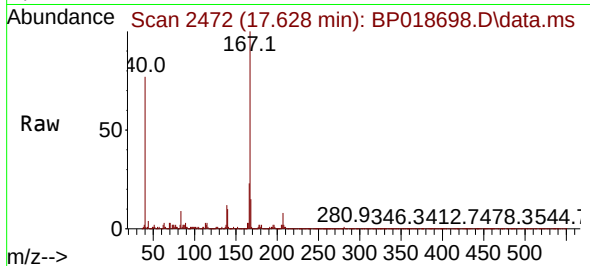
Tgt Ion:178 Resp: 342247
Ion Ratio Lower Upper
178 100
179 15.0 12.5 18.7
176 17.7 15.0 22.6





#77
 Carbazole
 Concen: 1.523 ng/ul
 RT: 17.628 min Scan# 2472
 Delta R.T. -0.012 min
 Lab File: BP018698.D
 Acq: 08 Dec 2023 05:53

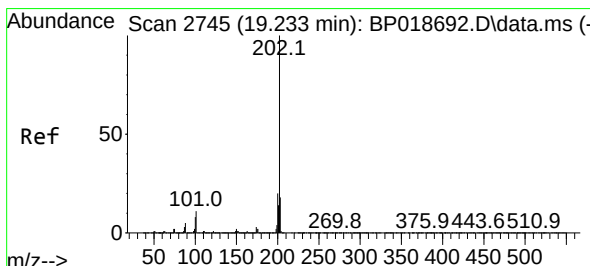
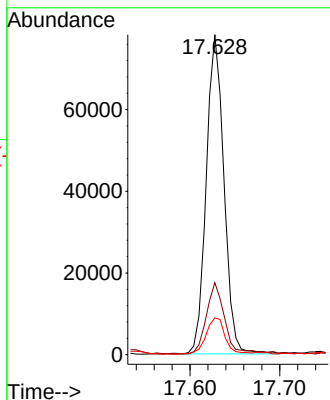
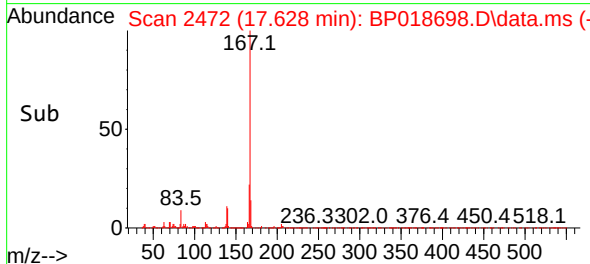
Instrument : BNA_P
 ClientSampleId : C0AA5



Tgt Ion:167 Resp: 107210
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.1 25.7
 139 11.5 10.2 15.4

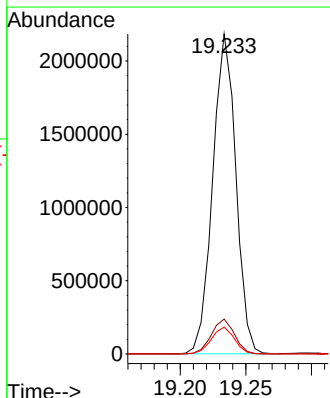
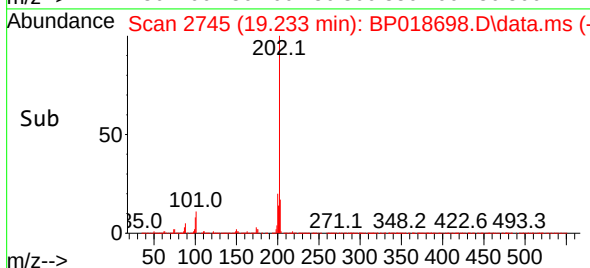
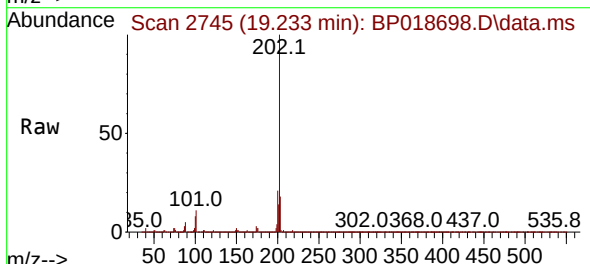
Manual Integrations
 APPROVED

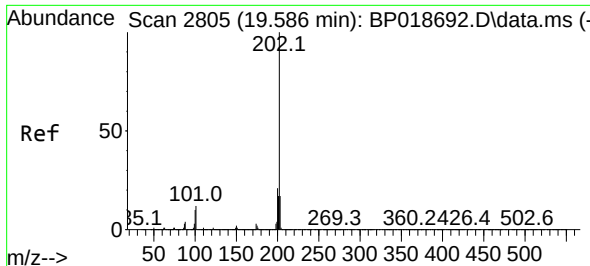
Reviewed By :Yogesh Patel 12/08/2023
 Supervised By :mohammad ahmed 12/08/2023



#80
 Fluoranthene
 Concen: 18.622 ng/ul
 RT: 19.233 min Scan# 2745
 Delta R.T. -0.006 min
 Lab File: BP018698.D
 Acq: 08 Dec 2023 05:53

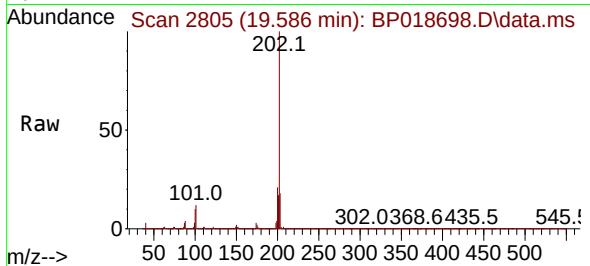
Tgt Ion:202 Resp: 2679397
 Ion Ratio Lower Upper
 202 100
 101 10.9 9.1 13.7
 100 8.4 7.1 10.7





#82
Pyrene
Concen: 16.325 ng/ul
RT: 19.586 min Scan# 2805
Delta R.T. -0.006 min
Lab File: BP018698.D
Acq: 08 Dec 2023 05:53

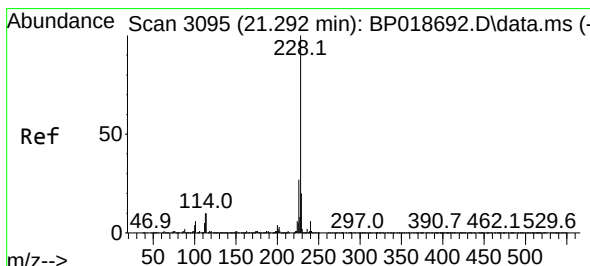
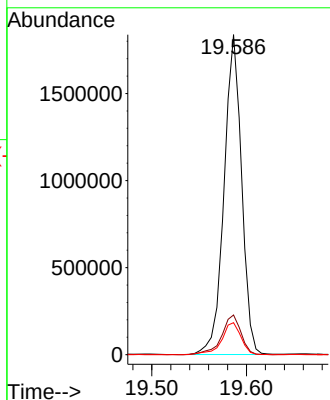
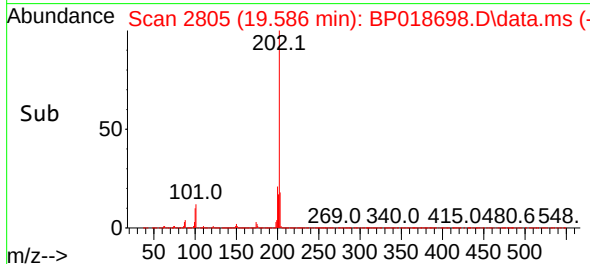
Instrument :
BNA_P
ClientSampleId :
C0AA5



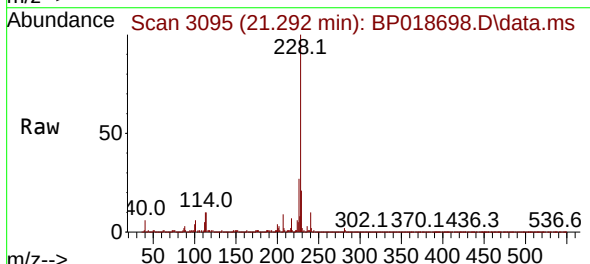
Tgt Ion:202 Resp: 236960
Ion Ratio Lower Upper
202 100
101 12.4 11.0 16.4
100 10.0 9.1 13.7

Manual Integrations
APPROVED

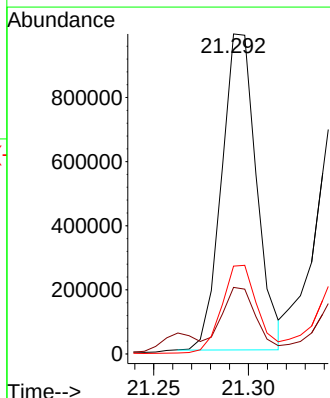
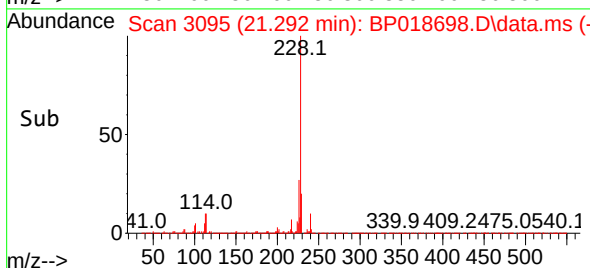
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

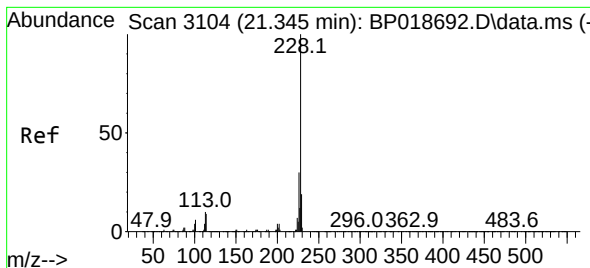


#85
Benzo(a)anthracene
Concen: 9.990 ng/ul
RT: 21.292 min Scan# 3095
Delta R.T. -0.012 min
Lab File: BP018698.D
Acq: 08 Dec 2023 05:53



Tgt Ion:228 Resp: 1268005
Ion Ratio Lower Upper
228 100
229 20.8 15.7 23.5
226 27.5 21.9 32.9





#87

Chrysene

Concen: 9.745 ng/ul

RT: 21.345 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BP018698.D

Acq: 08 Dec 2023 05:53

Instrument :

BNA_P

ClientSampleId :

C0AA5

Tgt Ion:228 Resp: 113898

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

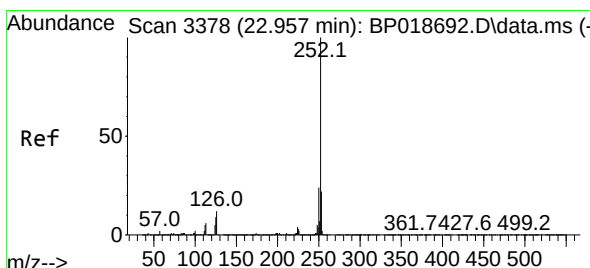
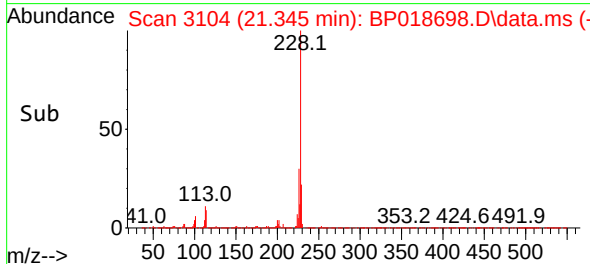
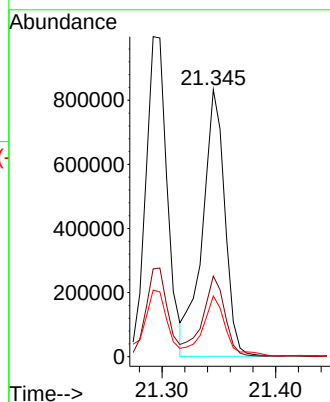
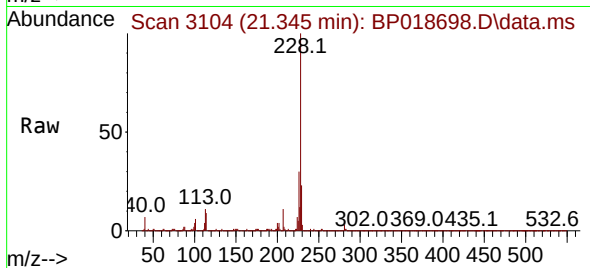
229 22.7 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/08/2023



#90

Benzo(b)fluoranthene

Concen: 9.806 ng/ul

RT: 22.957 min Scan# 3378

Delta R.T. -0.006 min

Lab File: BP018698.D

Acq: 08 Dec 2023 05:53

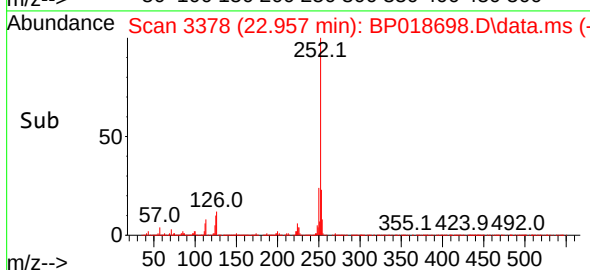
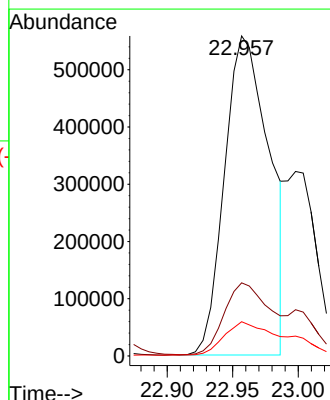
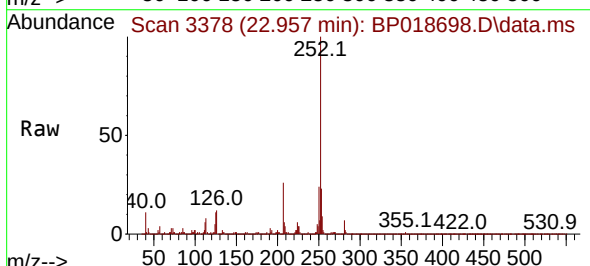
Tgt Ion:252 Resp: 1322576

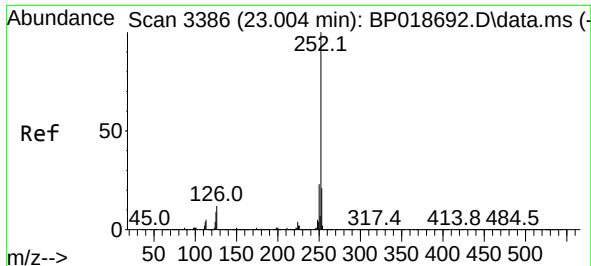
Ion Ratio Lower Upper

252 100

253 22.9 17.3 25.9

125 10.7 7.8 11.6





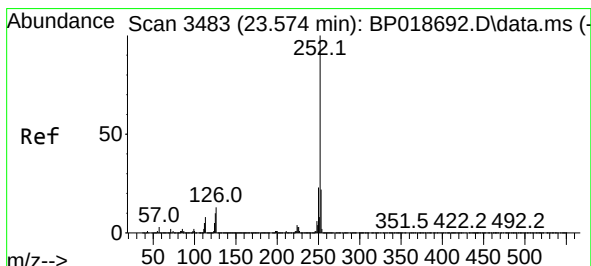
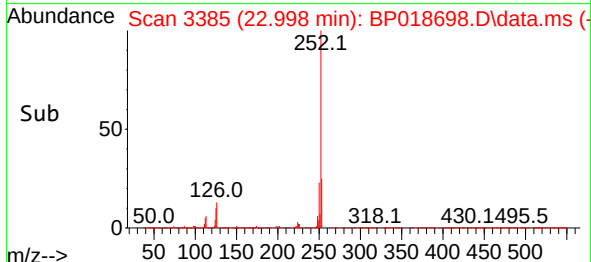
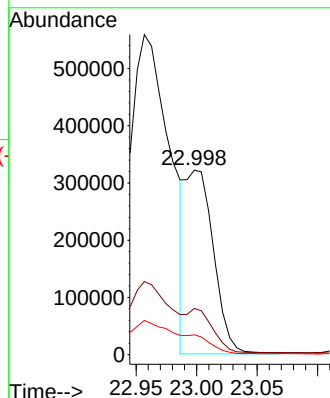
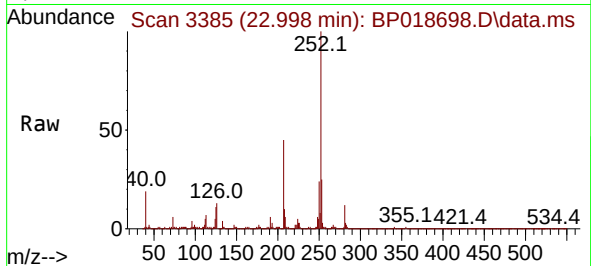
#91
Benzo(k)fluoranthene
Concen: 3.993 ng/ul m
RT: 22.998 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP018698.D
Acq: 08 Dec 2023 05:53

Instrument :
BNA_P
ClientSampleId :
C0AA5

Tgt Ion:252 Resp: 52110
Ion Ratio Lower Upper
252 100
253 25.1 17.7 26.5
125 10.8 8.0 12.0

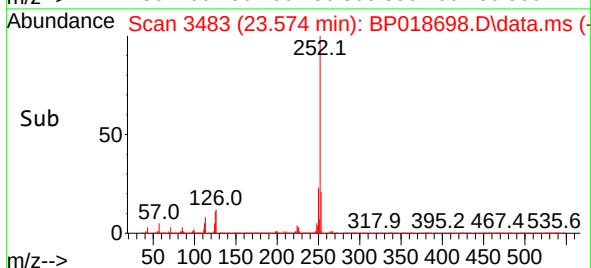
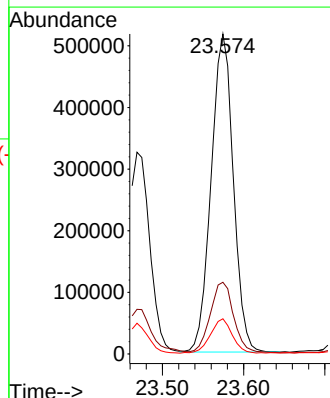
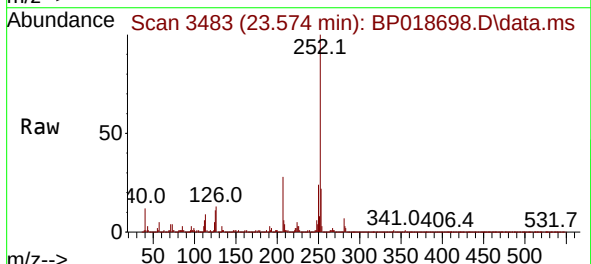
Manual Integrations
APPROVED

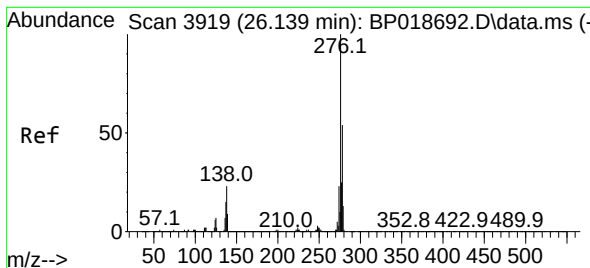
Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023



#93
Benzo(a)pyrene
Concen: 7.949 ng/ul
RT: 23.574 min Scan# 3483
Delta R.T. -0.012 min
Lab File: BP018698.D
Acq: 08 Dec 2023 05:53

Tgt Ion:252 Resp: 979632
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 11.0 9.2 13.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.358 ng/ul

RT: 26.133 min Scan# 3919

Delta R.T. -0.023 min

Lab File: BP018698.D

Acq: 08 Dec 2023 05:53

Instrument :

BNA_P

ClientSampleId :

C0AA5

Tgt Ion:276 Resp: 64162

Ion Ratio Lower Upper

276 100

138 19.3 19.4 29.2

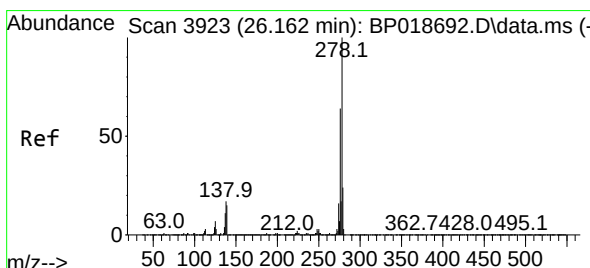
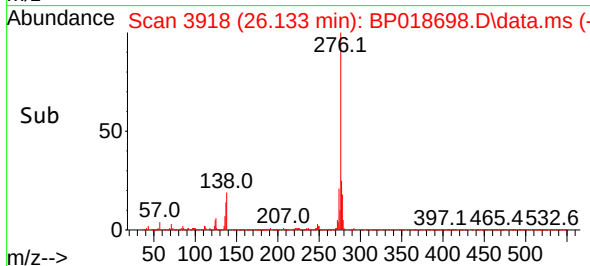
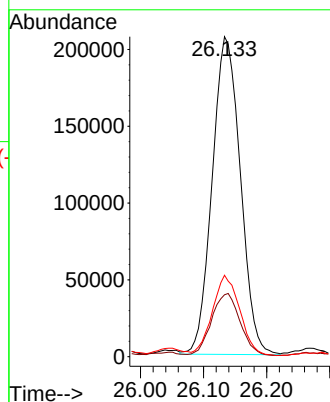
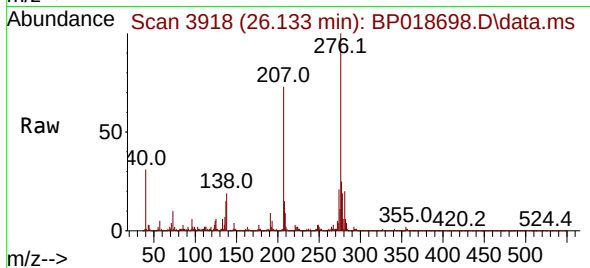
277 25.5 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/08/2023



#95

Dibenzo(a,h)anthracene

Concen: 1.296 ng/ul

RT: 26.151 min Scan# 3921

Delta R.T. -0.029 min

Lab File: BP018698.D

Acq: 08 Dec 2023 05:53

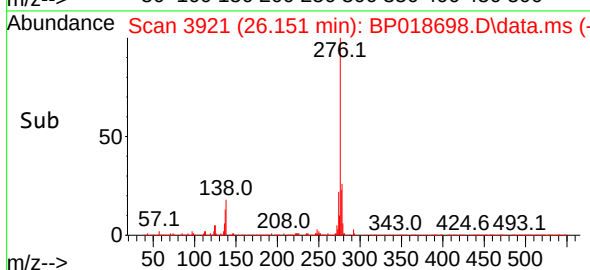
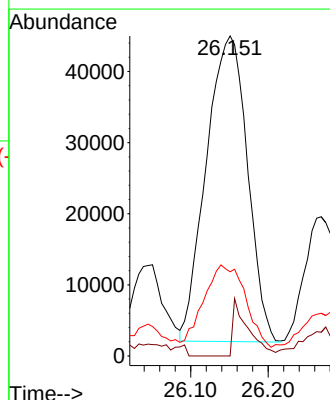
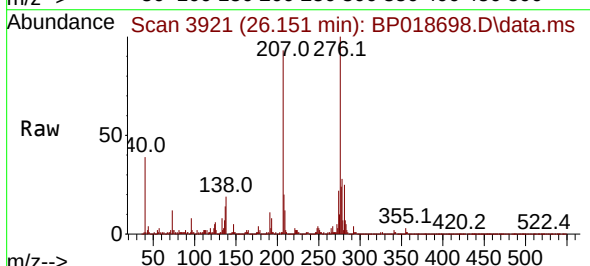
Tgt Ion:278 Resp: 158708

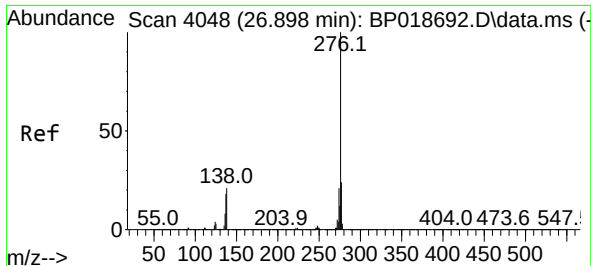
Ion Ratio Lower Upper

278 100

139 0.0 13.0 19.6

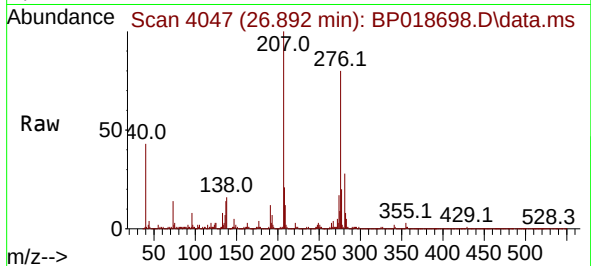
279 26.3 18.7 28.1





#96
 Benzo(g,h,i)perylene
 Concen: 3.461 ng/ul
 RT: 26.892 min Scan# 4048
 Delta R.T. -0.023 min
 Lab File: BP018698.D
 Acq: 08 Dec 2023 05:53

Instrument :
 BNA_P
 ClientSampleId :
 C0AA5



Tgt Ion:276 Resp: 410059
 Ion Ratio Lower Upper
 276 100
 138 20.6 18.1 27.1
 277 25.2 19.4 29.0

Manual Integrations
 APPROVED

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

