Quantitation Report (Qedit)

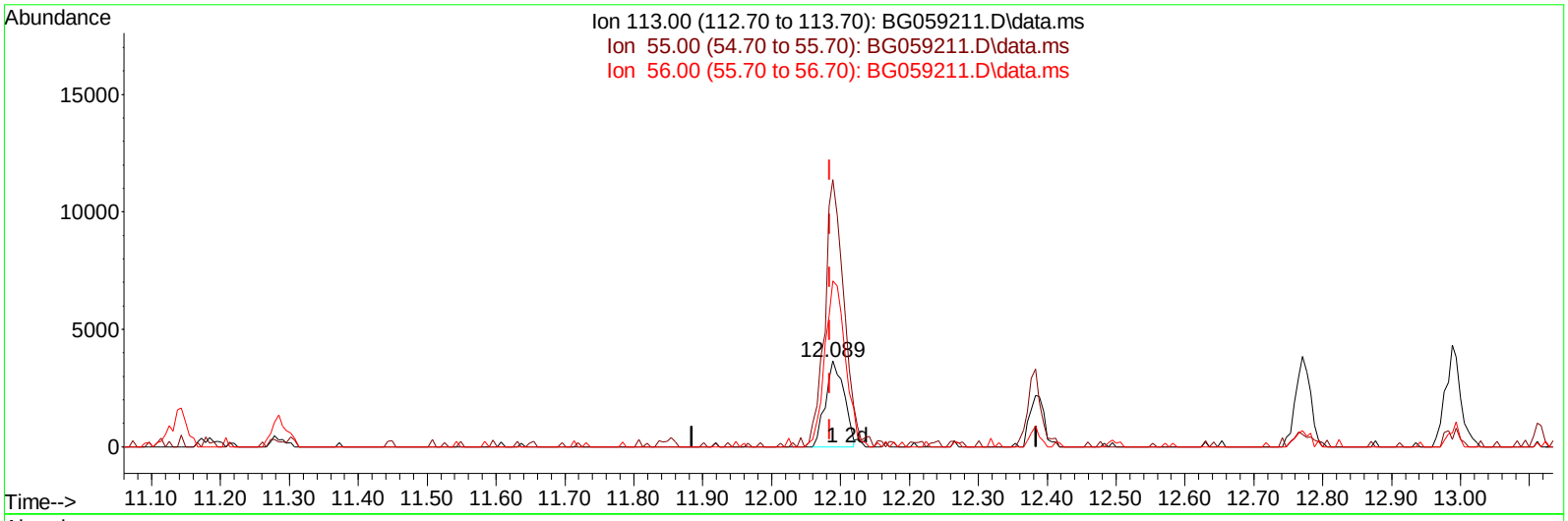
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059211.D
Acq On : 27 Sep 2023 1:12
Operator : MA/JU
Sample : 04450-19MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

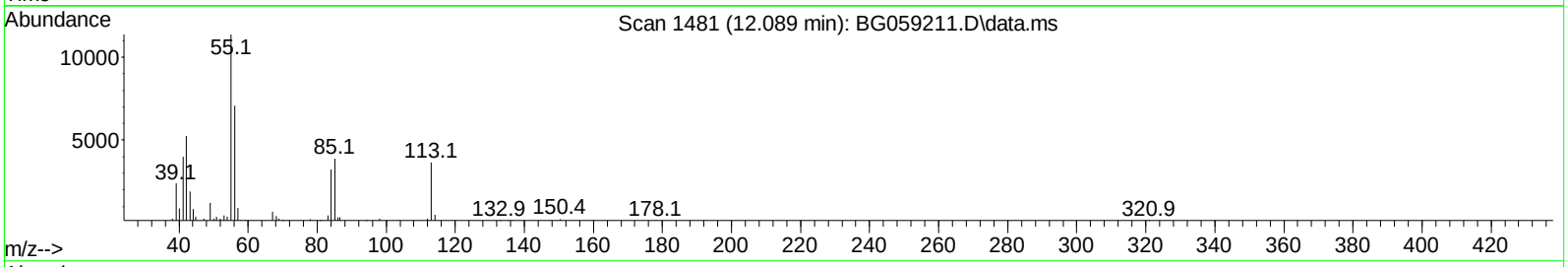
Quant Time: Sep 27 02:27:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 26 23:48:55 2023
Response via : Initial Calibration

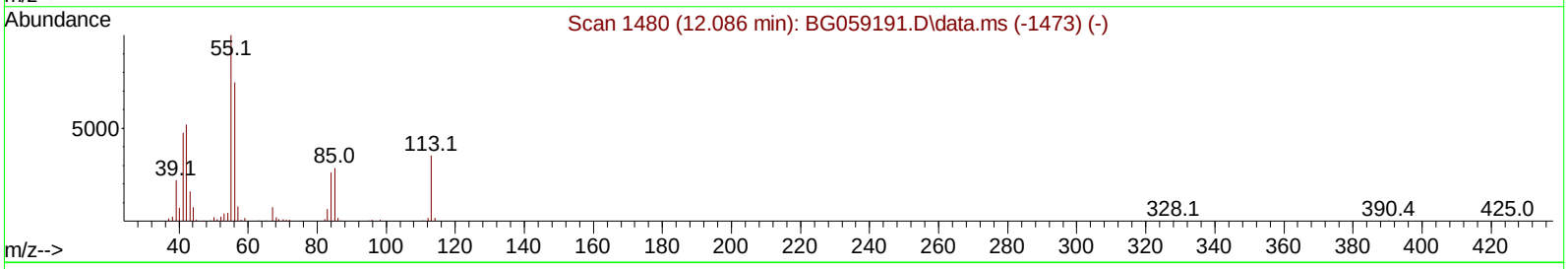
Instrument :
BNA_G
ClientSampleId :
BBHR2MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023







TIC: BG059211.D\data.ms

(34) Caprolactam

12.089min (+ 0.005) 7.75 ng/ul

response 6861

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.00	311.34#
56.00	140.40	193.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

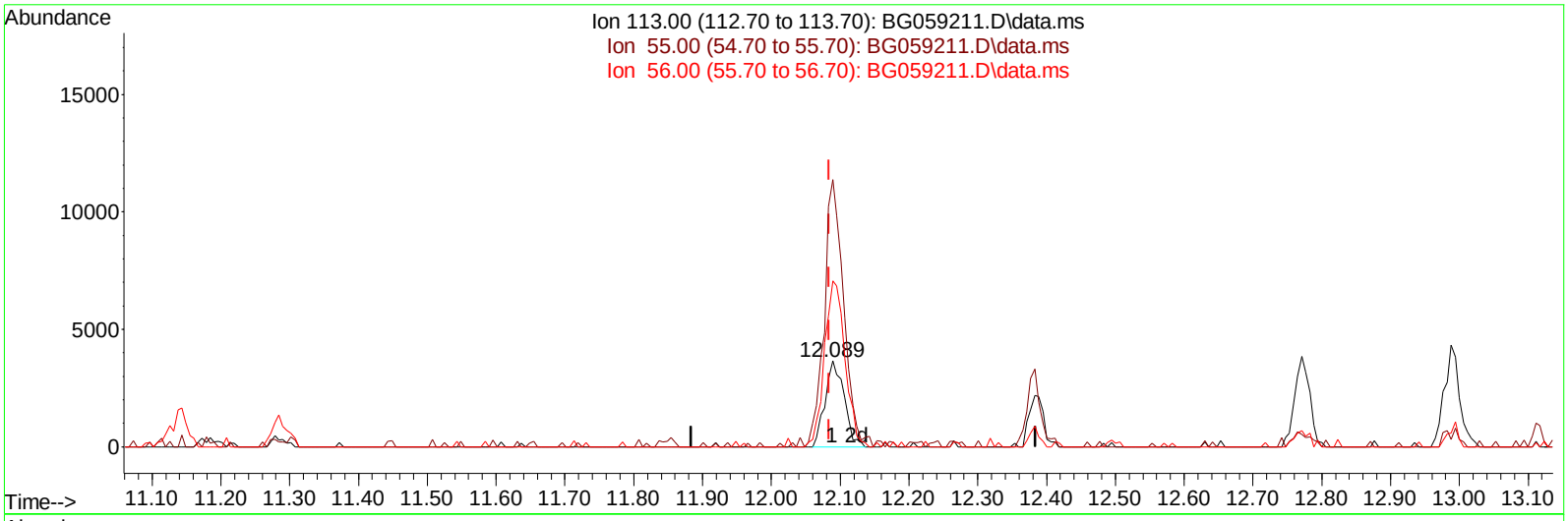
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059211.D
Acq On : 27 Sep 2023 1:12
Operator : MA/JU
Sample : 04450-19MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

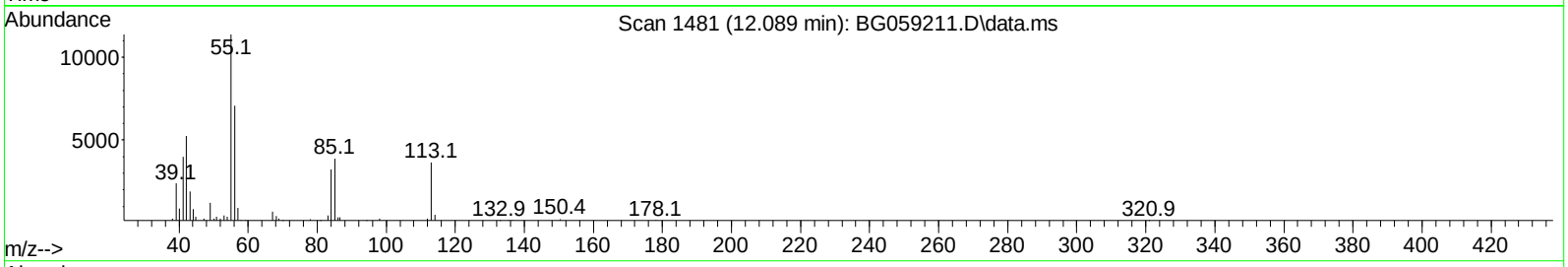
Quant Time: Sep 27 02:27:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 26 23:48:55 2023
Response via : Initial Calibration

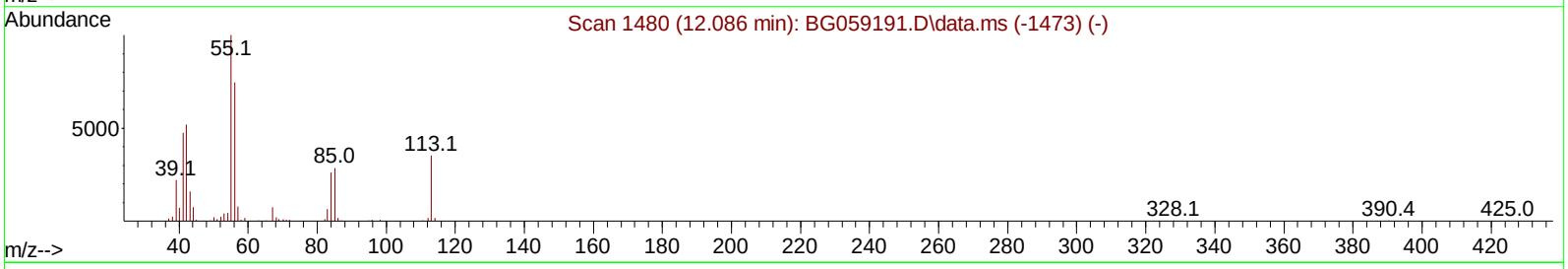
Instrument :
BNA_G
ClientSampleId :
BBHR2MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023







TIC: BG059211.D\data.ms

(34) Caprolactam

12.089min (+ 0.005) 7.95 ng/ul m

response 7041

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.00	311.34#
56.00	140.40	193.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

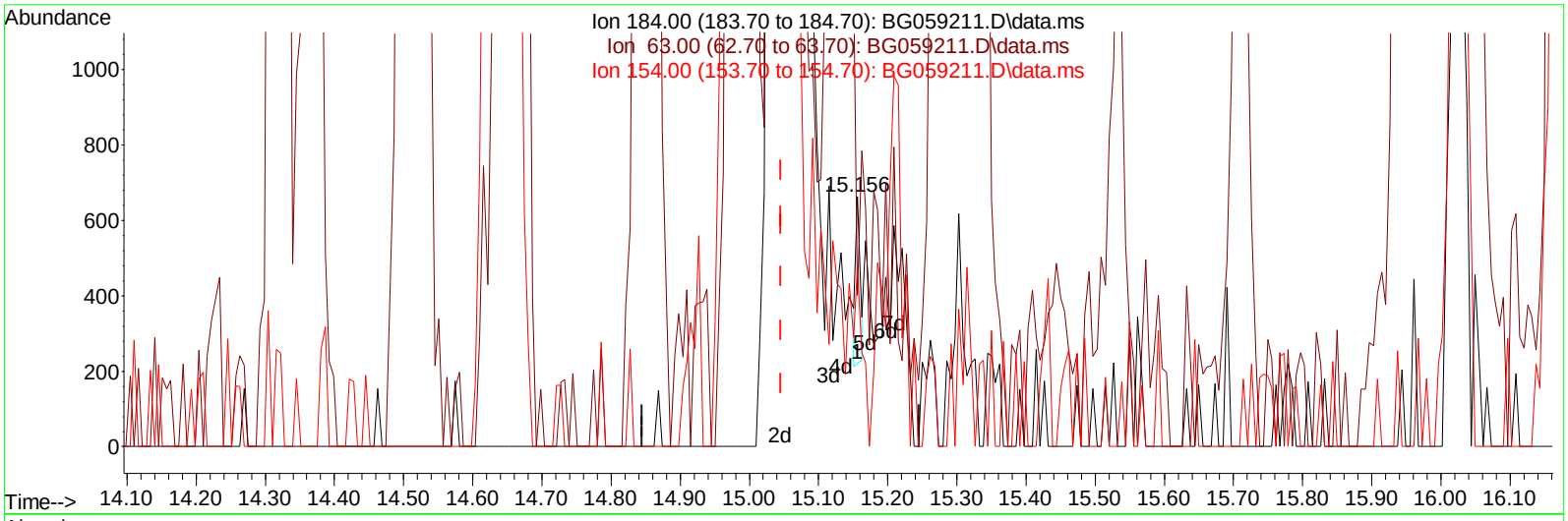
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059211.D
Acq On : 27 Sep 2023 1:12
Operator : MA/JU
Sample : 04450-19MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

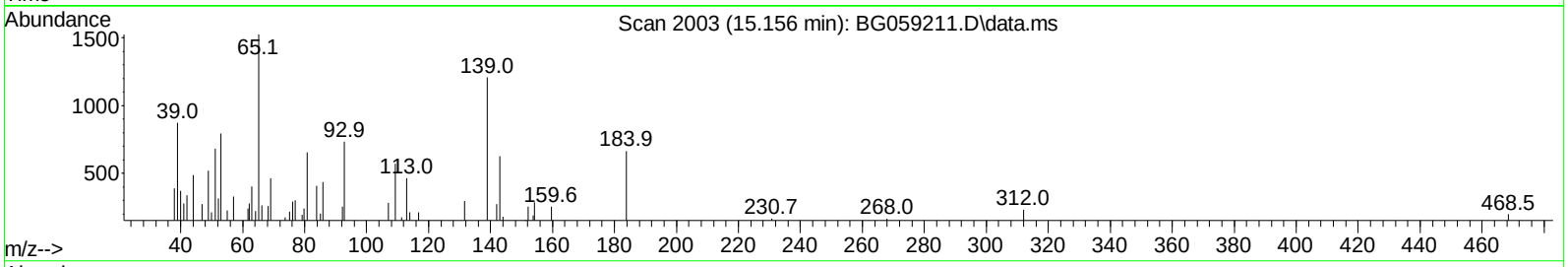
Quant Time: Sep 27 02:27:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 26 23:48:55 2023
Response via : Initial Calibration

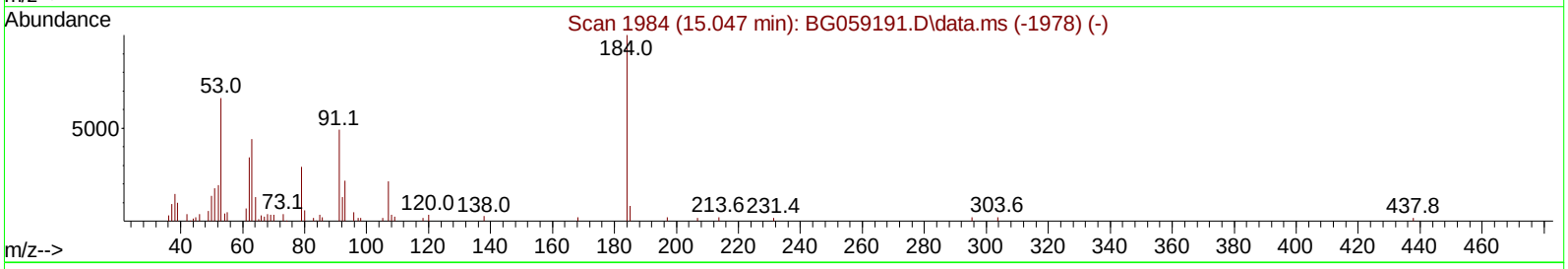
Instrument :
BNA_G
ClientSampleId :
BBHR2MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023







TIC: BG059211.D\data.ms

(53) 2,4-Dinitrophenol

15.156min (+ 0.111) 0.19 ng/ul

response 199

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	66.90	60.39
154.00	68.20	71.99
0.00	0.00	0.00

Quantitation Report (Qedit)

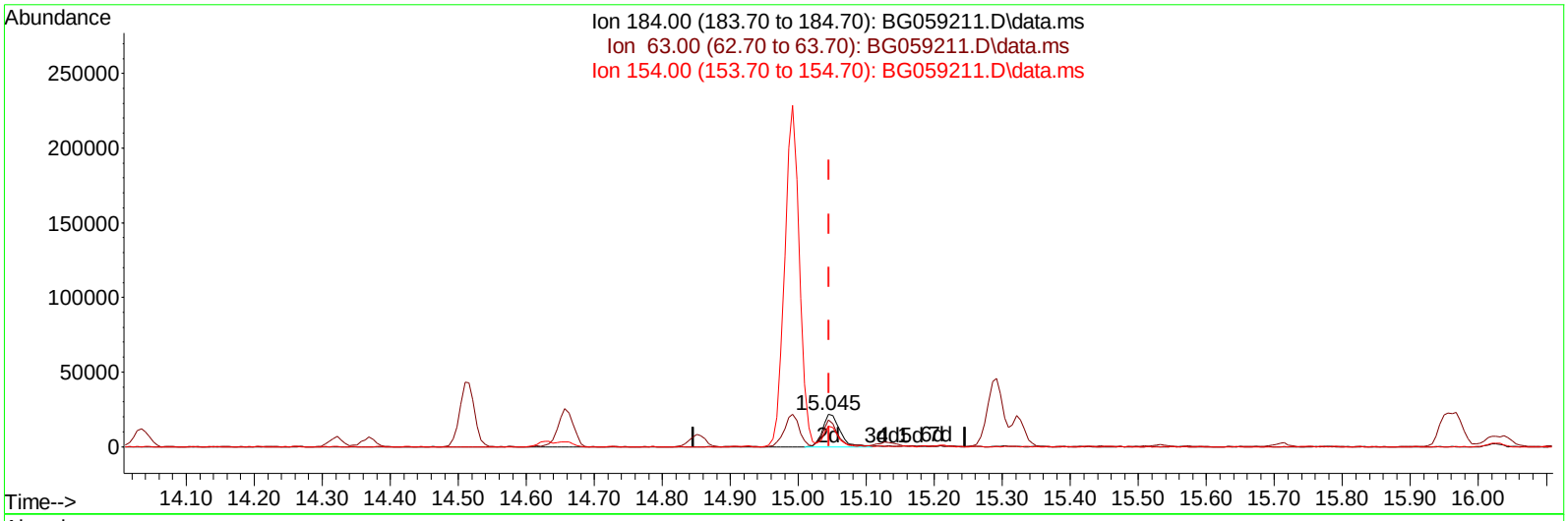
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059211.D
Acq On : 27 Sep 2023 1:12
Operator : MA/JU
Sample : 04450-19MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

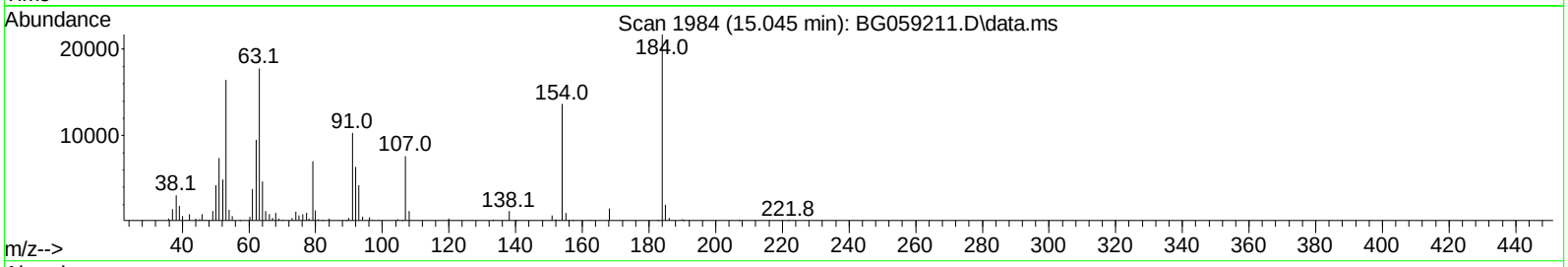
Quant Time: Sep 27 02:27:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 26 23:48:55 2023
Response via : Initial Calibration

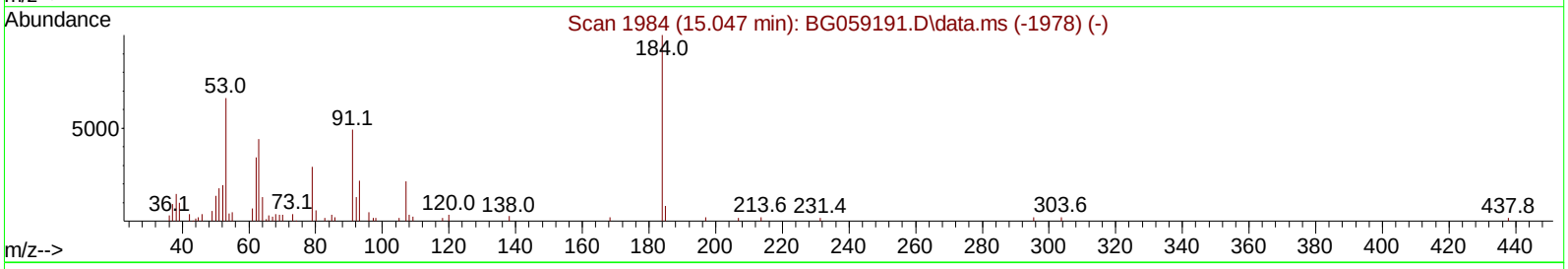
Instrument :
BNA_G
ClientSampleId :
BBHR2MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023







TIC: BG059211.D\data.ms

(53) 2,4-Dinitrophenol

15.045min (-0.001) 37.03 ng/ul m

response 38161

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	66.90	81.98#
154.00	68.20	62.93
0.00	0.00	0.00

Quantitation Report (Qedit)

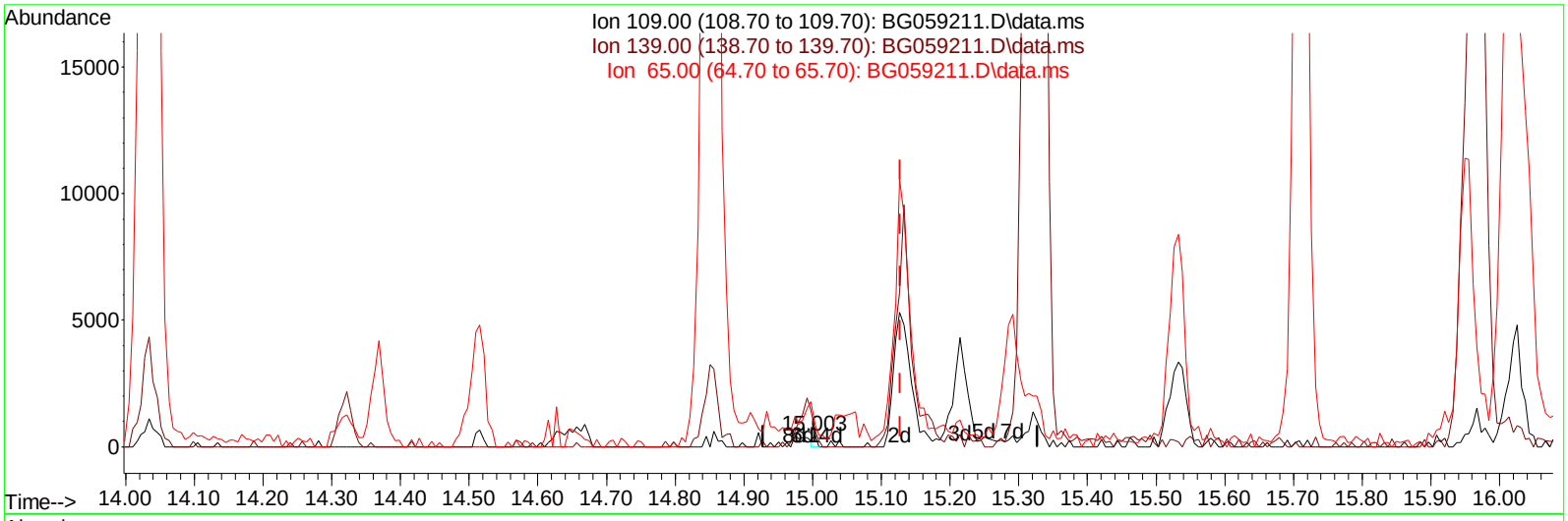
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059211.D
Acq On : 27 Sep 2023 1:12
Operator : MA/JU
Sample : 04450-19MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

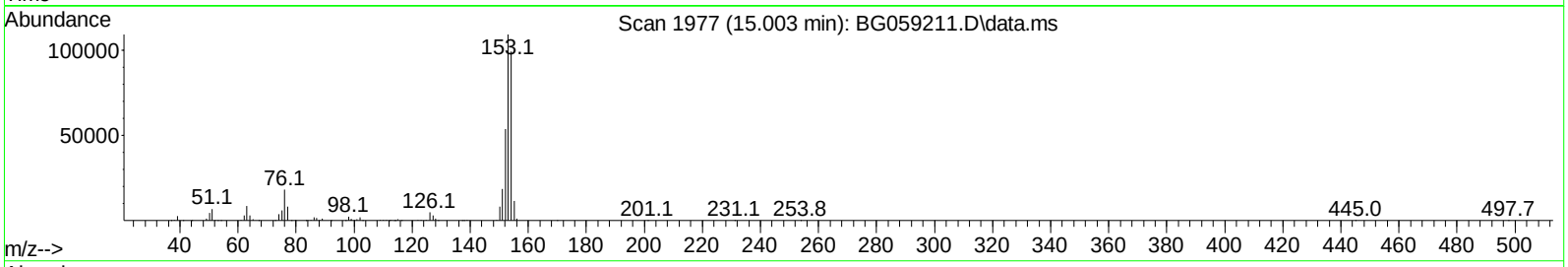
Quant Time: Sep 27 02:27:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 26 23:48:55 2023
Response via : Initial Calibration

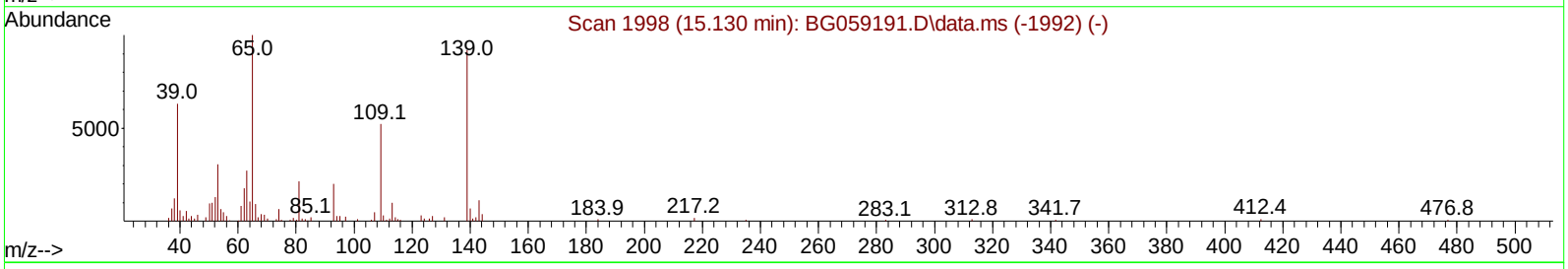
Instrument :
BNA_G
ClientSampleId :
BBHR2MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023







TIC: BG059211.D\data.ms

(55) 4-Nitrophenol

15.003min (-0.124) 0.15 ng/ul

response 163

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	143.10	133.41
65.00	165.10	185.47
0.00	0.00	0.00

Quantitation Report (Qedit)

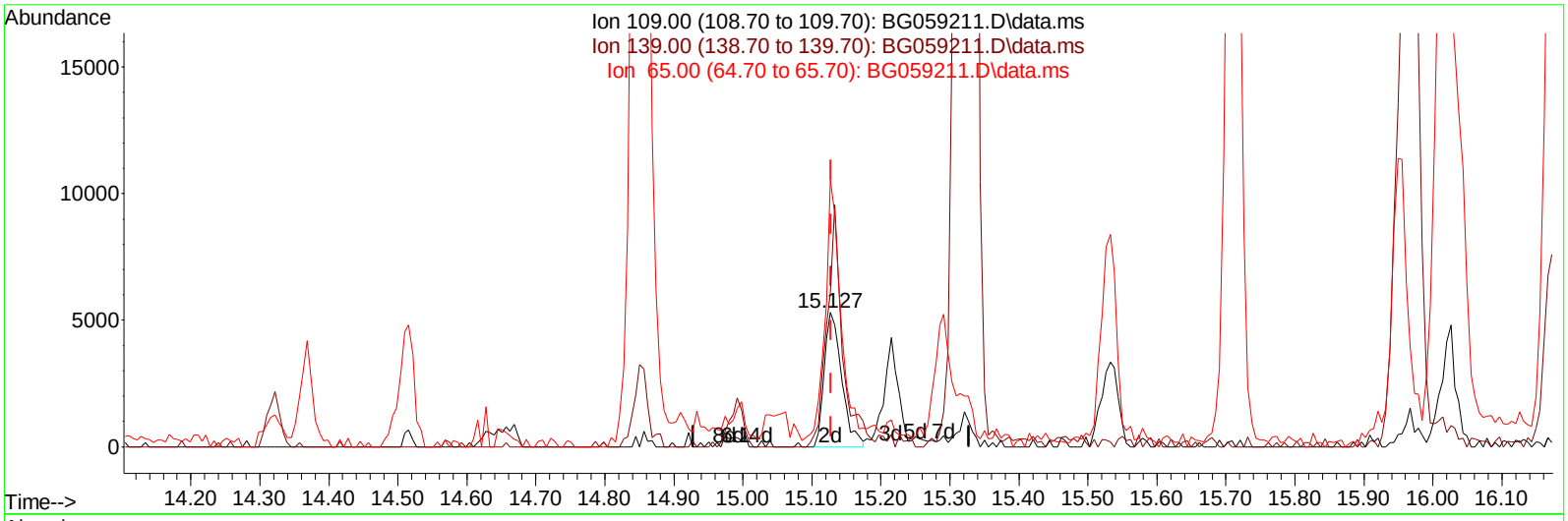
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059211.D
Acq On : 27 Sep 2023 1:12
Operator : MA/JU
Sample : 04450-19MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

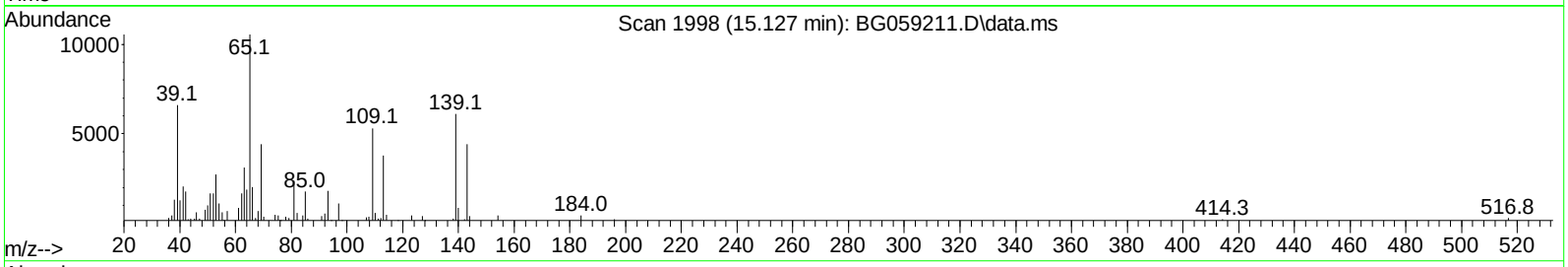
Quant Time: Sep 27 02:27:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 26 23:48:55 2023
Response via : Initial Calibration

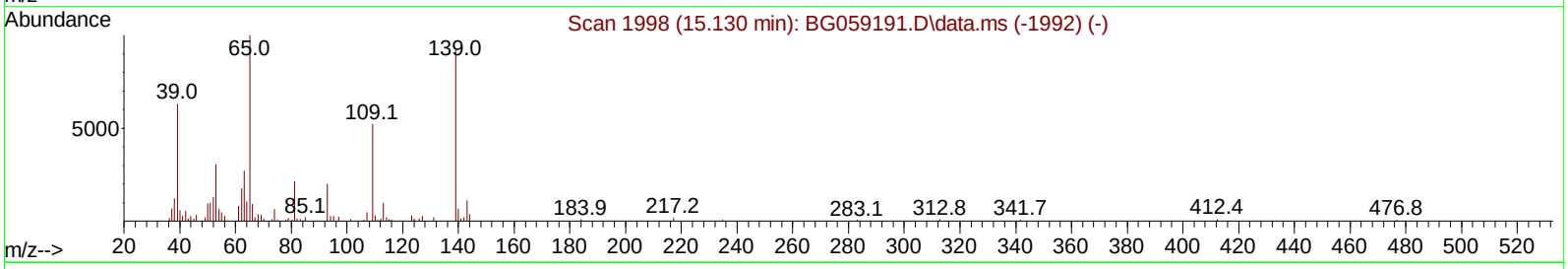
Instrument :
BNA_G
ClientSampleId :
BBHR2MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023







TIC: BG059211.D\data.ms

(55) 4-Nitrophenol

15.127min (-0.001) 8.58 ng/ul m

response 9370

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	143.10	114.96
65.00	165.10	198.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

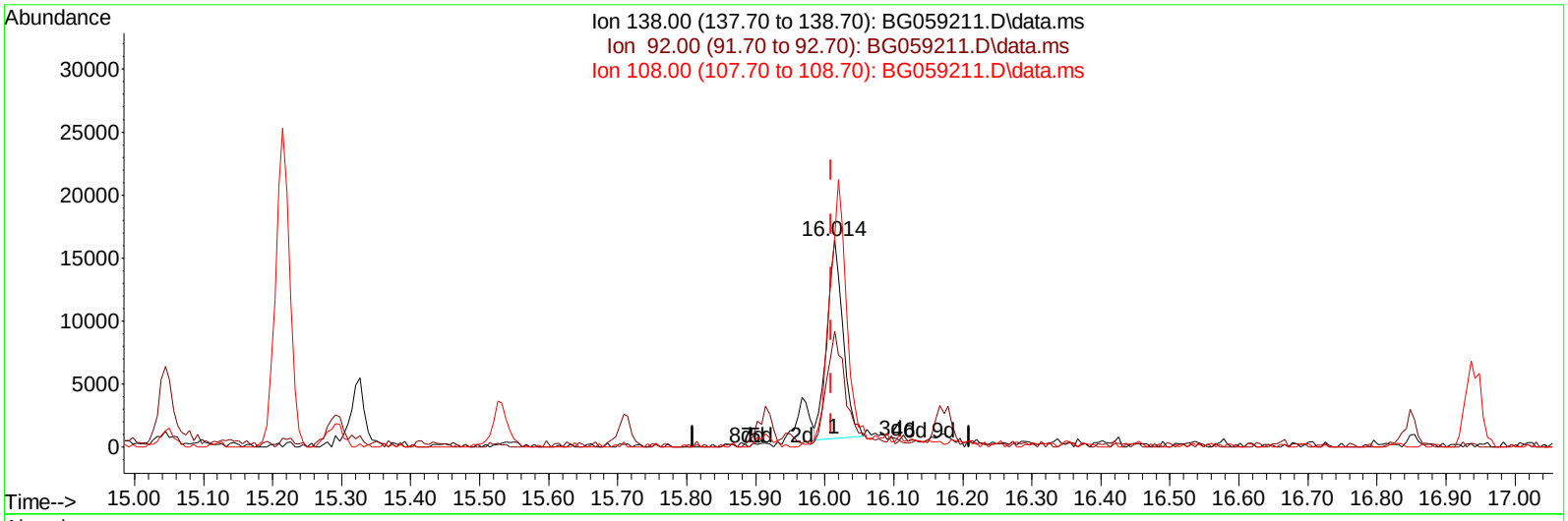
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059211.D
Acq On : 27 Sep 2023 1:12
Operator : MA/JU
Sample : 04450-19MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

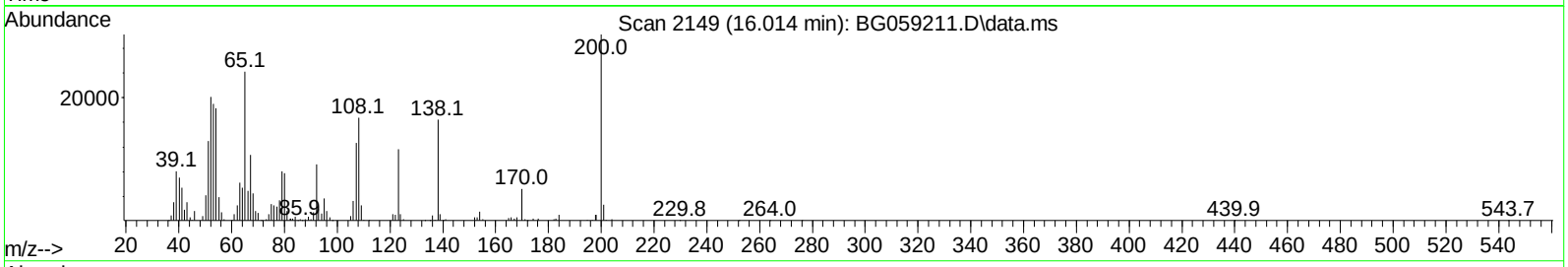
Quant Time: Sep 27 02:27:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 26 23:48:55 2023
Response via : Initial Calibration

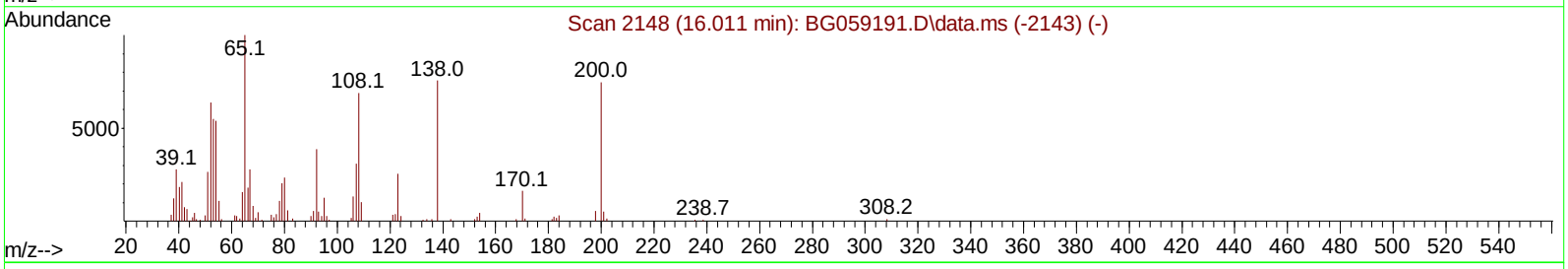
Instrument :
BNA_G
ClientSampleId :
BBHR2MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023







TIC: BG059211.D\data.ms

(63) 4-Nitroaniline

16.014min (+ 0.005) 14.75 ng/ul

response 25800

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.80	55.96
108.00	66.90	101.80#
0.00	0.00	0.00

Quantitation Report (Qedit)

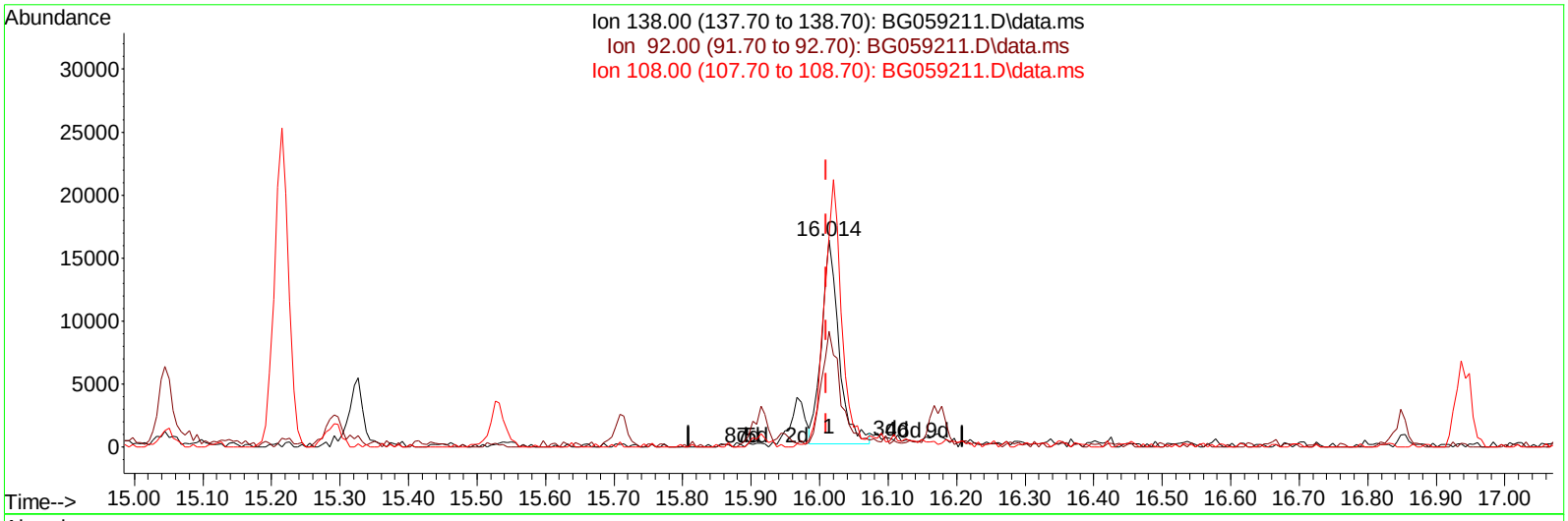
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059211.D
Acq On : 27 Sep 2023 1:12
Operator : MA/JU
Sample : 04450-19MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

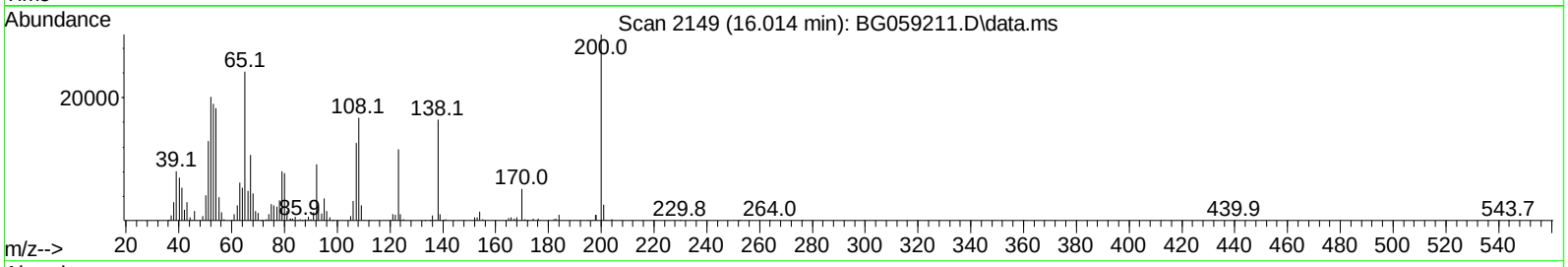
Quant Time: Sep 27 02:27:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 26 23:48:55 2023
Response via : Initial Calibration

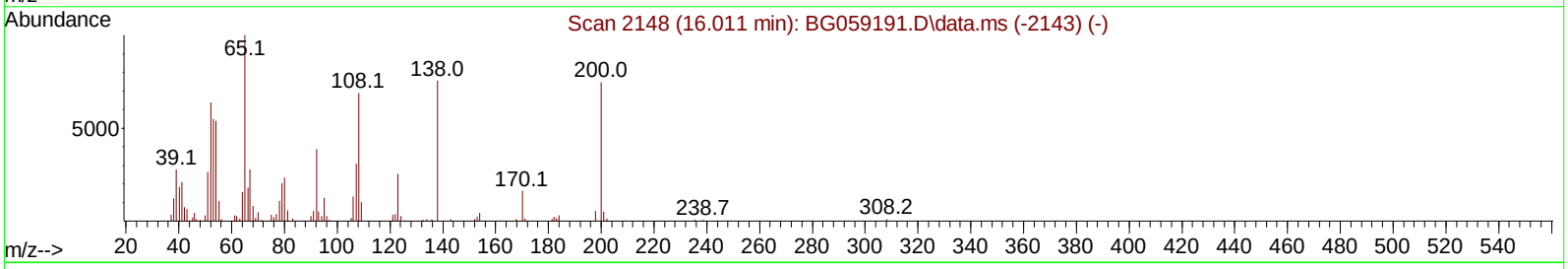
Instrument :
BNA_G
ClientSampleId :
BBHR2MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023







TIC: BG059211.D\data.ms

(63) 4-Nitroaniline

16.014min (+ 0.005) 16.31 ng/ul m

response 28530

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.80	55.96
108.00	66.90	101.80#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059211.D
Acq On : 27 Sep 2023 1:12
Operator : MA/JU
Sample : 04450-19MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Sep 27 02:48:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 26 23:48:55 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BBHR2MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.300	152	29736	20.000	ng/ul	0.00
20) Naphthalene-d8	11.143	136	161651	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.927	164	117830	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.677	188	284049	20.000	ng/ul	0.00
79) Chrysene-d12	22.001	240	228903	20.000	ng/ul	0.00
88) Perylene-d12	25.550	264	266428	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.605	96	4567	6.012	ng/uL	0.00
4) Pyridine-d5	4.040	84	35551	15.951	ng/ul	0.00
7) Phenol-d5	7.424	99	38247	13.081	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.612	67	84711	47.211	ng/ul	0.00
11) 2-Chlorophenol-d4	7.812	132	86495	40.086	ng/ul	0.00
15) 4-Methylphenol-d8	8.987	113	65572	28.159	ng/ul	0.00
21) Nitrobenzene-d5	9.492	128	56380	45.199	ng/ul	0.00
24) 2-Nitrophenol-d4	10.215	143	62293	49.435	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.744	165	115048	48.092	ng/ul	0.00
31) 4-Chloroaniline-d4	11.284	131	145478	38.963	ng/ul	0.00
46) Dimethylphthalate-d6	14.322	166	483787	53.386	ng/ul	0.00
49) Acenaphthylene-d8	14.627	160	515609	46.729	ng/ul	0.00
54) 4-Nitrophenol-d4	15.121	143	13844	8.373	ng/ul	0.01
60) Fluorene-d10	15.914	176	434530	52.385	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.026	200	79264	49.083	ng/ul	0.00
73) Anthracene-d10	17.777	188	667086	51.614	ng/ul	0.00
81) Pyrene-d10	20.050	212	773177	57.789	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.303	264	701387	53.914	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.646	88	5799	6.751	ng/uL#	87
5) Pyridine	4.063	79	36940	16.266	ng/ul#	89
6) Benzaldehyde	7.442	77	75598	49.863	ng/ul	91
8) Phenol	7.448	94	40058	13.329	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.712	93	112912	46.796	ng/ul	98
12) 2-Chlorophenol	7.847	128	84123	38.212	ng/ul	96
13) 2-Methylphenol	8.723	108	70673	31.687	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.799	45	231372	46.186	ng/ul	97
16) Acetophenone	9.140	105	176674	49.281	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.099	70	86559	47.761	ng/ul	95
18) 4-Methylphenol	9.052	108	67697	28.324	ng/ul	82
19) Hexachloroethane	9.381	117	34535	39.900	ng/ul	99
22) Nitrobenzene	9.539	77	133757	47.353	ng/ul	92
23) Isophorone	10.044	82	286094	47.232	ng/ul	99
25) 2-Nitrophenol	10.244	139	63834	45.331	ng/ul	95
26) 2,4-Dimethylphenol	10.268	107	73473	27.907	ng/ul	90
27) Bis(2-Chloroethoxy)met...	10.526	93	167121	44.348	ng/ul	99
29) 2,4-Dichlorophenol	10.767	162	108333	44.798	ng/ul#	94
30) Naphthalene	11.196	128	385859	44.608	ng/ul	99
32) 4-Chloroaniline	11.308	127	132702	36.105	ng/ul	97
33) Hexachlorobutadiene	11.419	225	64224	41.262	ng/ul#	90
34) Caprolactam	12.089	113	7041m	7.950	ng/ul	
35) 4-Chloro-3-methylphenol	12.383	107	121071	47.530	ng/ul	96

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059211.D
Acq On : 27 Sep 2023 1:12
Operator : MA/JU
Sample : 04450-19MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Sep 27 02:48:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 26 23:48:55 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BBHR2MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.777	142	265482	45.953 ng/ul	96
37) 1-Methylnaphthalene	12.988	142	274098	46.967 ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.111	216	140726	40.739 ng/ul	98
40) Hexachlorocyclopentadiene	13.064	237	57797	26.244 ng/ul#	94
41) 2,4,6-Trichlorophenol	13.358	196	107397	47.611 ng/ul	97
42) 2,4,5-Trichlorophenol	13.429	196	118562	48.591 ng/ul	93
43) 1,1'-Biphenyl	13.764	154	410847	43.683 ng/ul	97
44) 2-Chloronaphthalene	13.817	162	309421	43.087 ng/ul	96
45) 2-Nitroaniline	14.034	65	94713	41.607 ng/ul	96
47) Dimethylphthalate	14.369	163	482657	52.147 ng/ul	98
48) 2,6-Dinitrotoluene	14.516	165	98803	57.767 ng/ul	89
50) Acenaphthylene	14.657	152	541364	45.934 ng/ul	99
51) 3-Nitroaniline	14.851	138	58420	30.956 ng/ul	97
52) Acenaphthene	14.992	153	378245	47.326 ng/ul	96
53) 2,4-Dinitrophenol	15.045	184	38161m	37.028 ng/ul	
55) 4-Nitrophenol	15.127	109	9370m	8.575 ng/ul	
56) Dibenzofuran	15.321	168	511477	48.248 ng/ul	95
57) 2,4-Dinitrotoluene	15.291	165	144269	58.507 ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.532	232	118969	52.675 ng/ul#	90
59) Diethylphthalate	15.714	149	487290	53.428 ng/ul	99
61) Fluorene	15.973	166	465921	51.473 ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.949	204	225816	50.265 ng/ul	97
63) 4-Nitroaniline	16.014	138	28530m	16.309 ng/ul	
66) 4,6-Dinitro-2-methylph...	16.037	198	86579	49.742 ng/ul	99
67) N-Nitrosodiphenylamine	16.173	169	367074	48.539 ng/ul	98
68) 4-Bromophenyl-phenylether	16.848	248	143261	51.839 ng/ul	97
69) Hexachlorobenzene	16.942	284	168975	53.380 ng/ul	94
70) Atrazine	17.107	200	148317	49.290 ng/ul	95
71) Pentachlorophenol	17.301	266	89002	43.286 ng/ul	95
72) Phenanthrene	17.724	178	821198	51.662 ng/ul	98
74) Anthracene	17.812	178	819071	50.429 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.723	216	146334	38.642 ng/uL	93
76) Pentachlorobenzene	15.215	250	160882	45.930 ng/uL	94
77) Carbazole	18.088	167	641729	47.523 ng/ul	97
78) Di-n-butylphthalate	18.593	149	872114	52.426 ng/ul	100
80) Fluoranthene	19.716	202	933090	55.966 ng/ul	99
82) Pyrene	20.080	202	971906	55.885 ng/ul	96
83) Butylbenzylphthalate	20.932	149	374240	59.575 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.889	252	114096	20.627 ng/ul	97
85) Benzo(a)anthracene	21.978	228	892773	53.720 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.801	149	571077	60.761 ng/ul	98
87) Chrysene	22.048	228	825742	53.279 ng/ul	98
89) Di-n-octyl phthalate	23.123	149	964664	59.223 ng/ul	100
90) Benzo(b)fluoranthene	24.398	252	911572	56.149 ng/ul	96
91) Benzo(k)fluoranthene	24.475	252	930070	55.255 ng/ul	100
93) Benzo(a)pyrene	25.379	252	819282	52.509 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.657	276	877453	49.448 ng/ul	96
95) Dibenzo(a,h)anthracene	29.745	278	649773	45.565 ng/ul	97
96) Benzo(g,h,i)perylene	30.967	276	759736	53.149 ng/ul	96

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

Instrument :
BNA_G
ClientSampleId :
BBHR2MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
Data File : BG059211.D
Acq On : 27 Sep 2023 1:12
Operator : MA/JU
Sample : 04450-19MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Sep 27 02:48:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 26 23:48:55 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BBHR2MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023