Quantitation Report (Qedit)

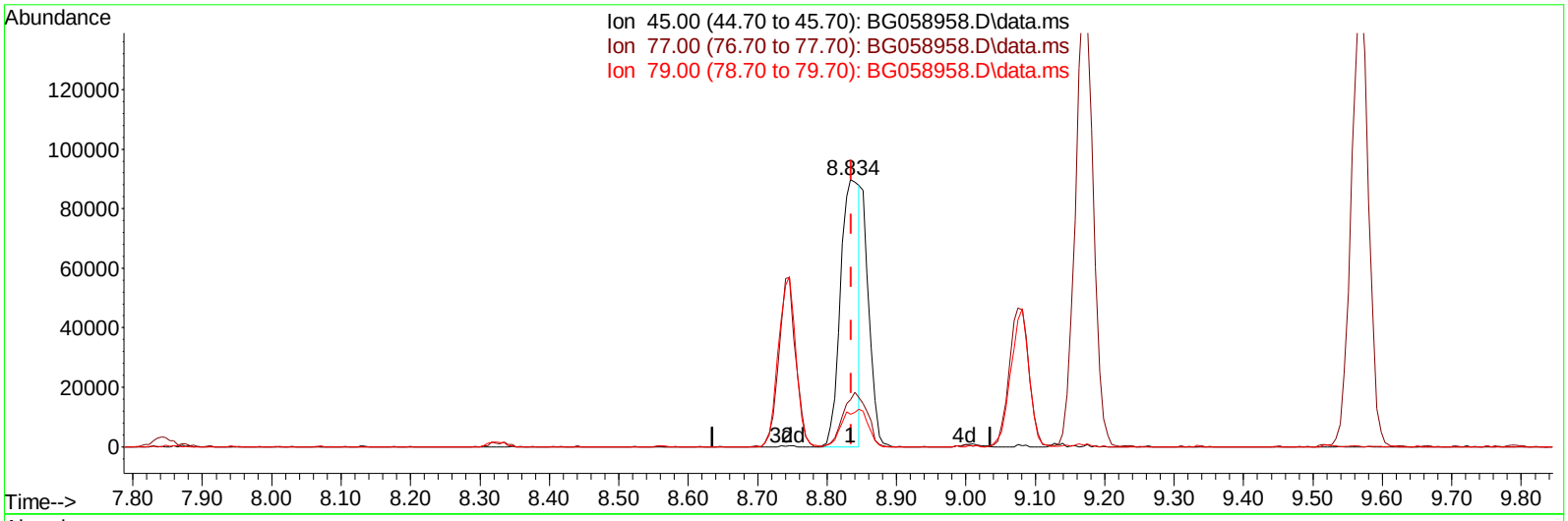
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058958.D
Acq On : 10 Sep 2023 19:32
Operator : MA/JU
Sample : SSTD04010
Misc :
ALS Vial : 37 Sample Multiplier: 1

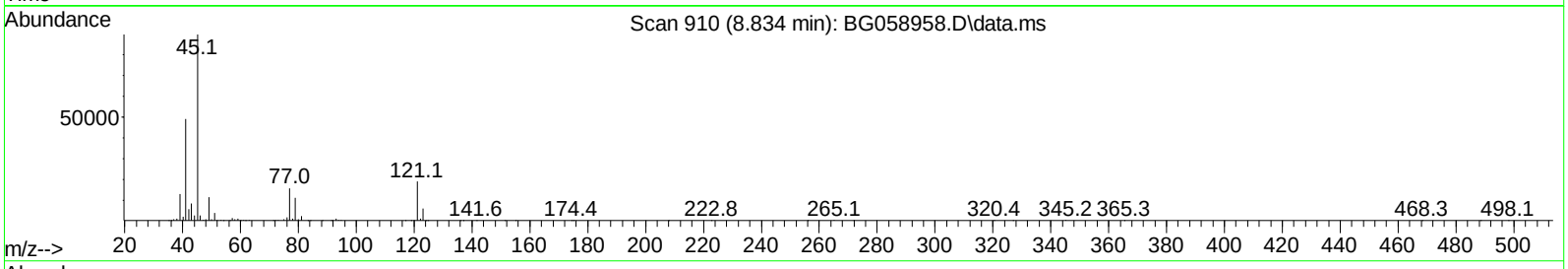
Quant Time: Sep 10 23:06:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Sep 10 22:58:52 2023
Response via : Initial Calibration

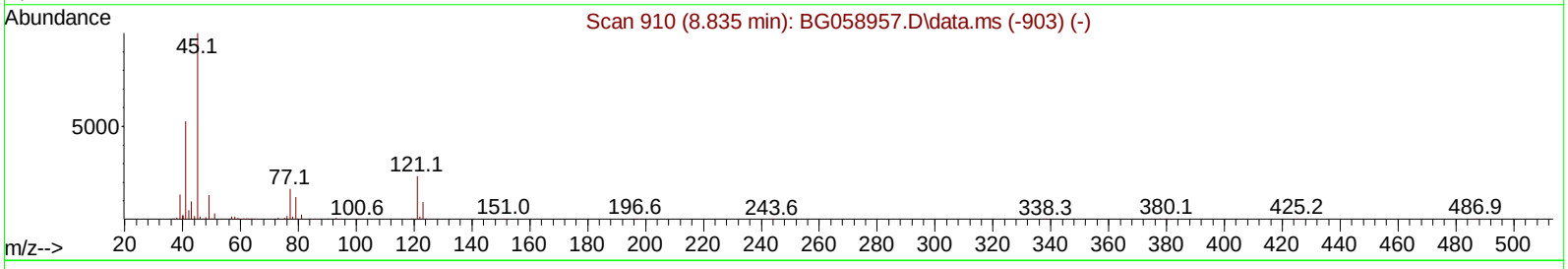
Instrument :
BNA_G
ClientSampleId :
SSTD040410

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/13/2023







TIC: BG058958.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.834min (-0.001) 31.47 ng/ul

response 169831

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.50	17.54
79.00	12.20	12.29
0.00	0.00	0.00

Quantitation Report (Qedit)

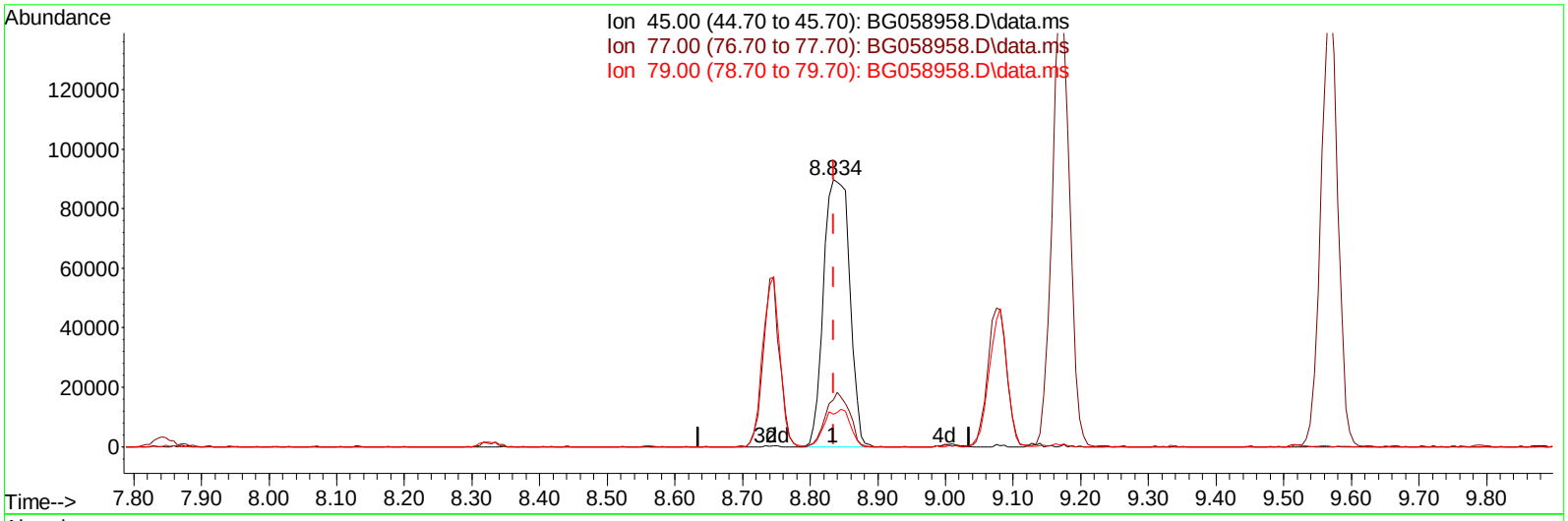
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058958.D
Acq On : 10 Sep 2023 19:32
Operator : MA/JU
Sample : SSTD04010
Misc :
ALS Vial : 37 Sample Multiplier: 1

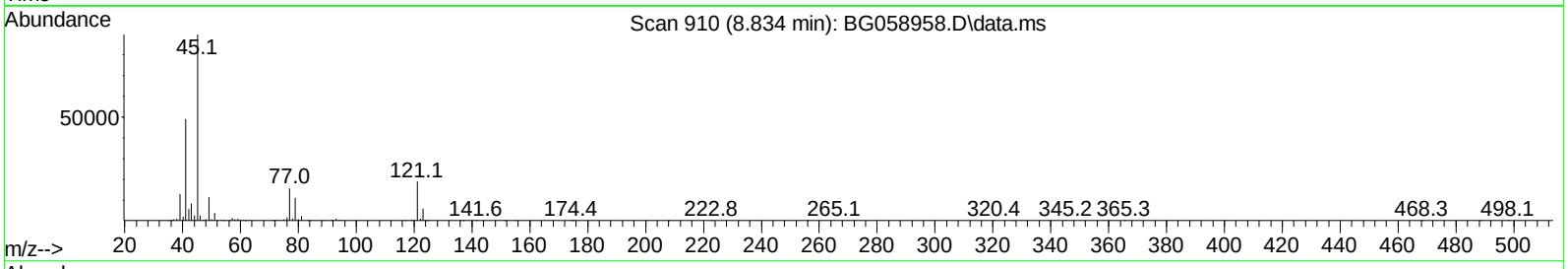
Quant Time: Sep 10 23:06:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Sep 10 22:58:52 2023
Response via : Initial Calibration

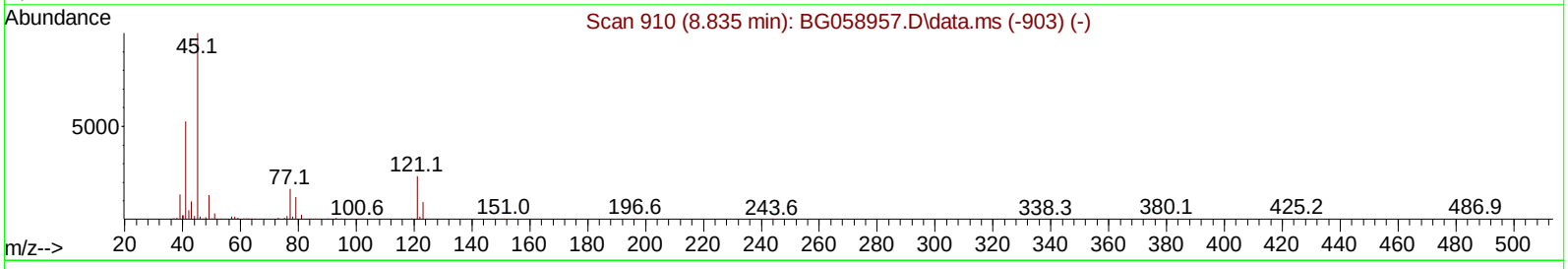
Instrument :
BNA_G
ClientSampleId :
SSTD040410

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/13/2023







TIC: BG058958.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.834min (-0.001) 44.44 ng/ul m

response 239866

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.50	17.54
79.00	12.20	12.29
0.00	0.00	0.00

Quantitation Report (Qedit)

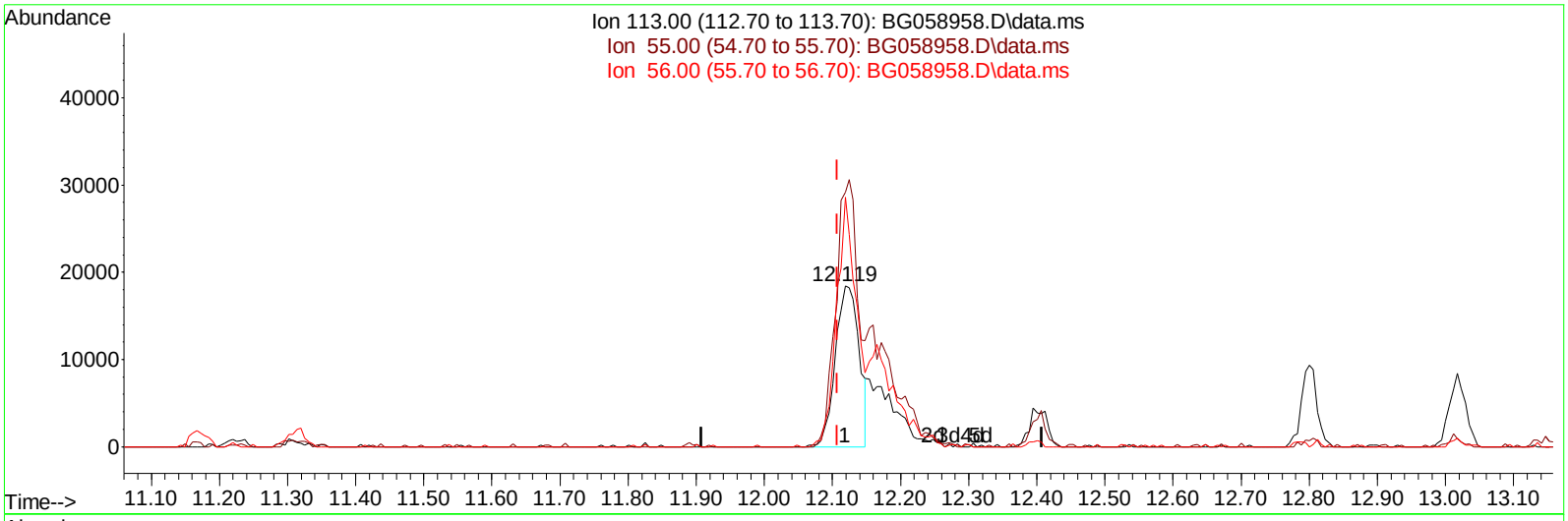
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058958.D
Acq On : 10 Sep 2023 19:32
Operator : MA/JU
Sample : SSTD04010
Misc :
ALS Vial : 37 Sample Multiplier: 1

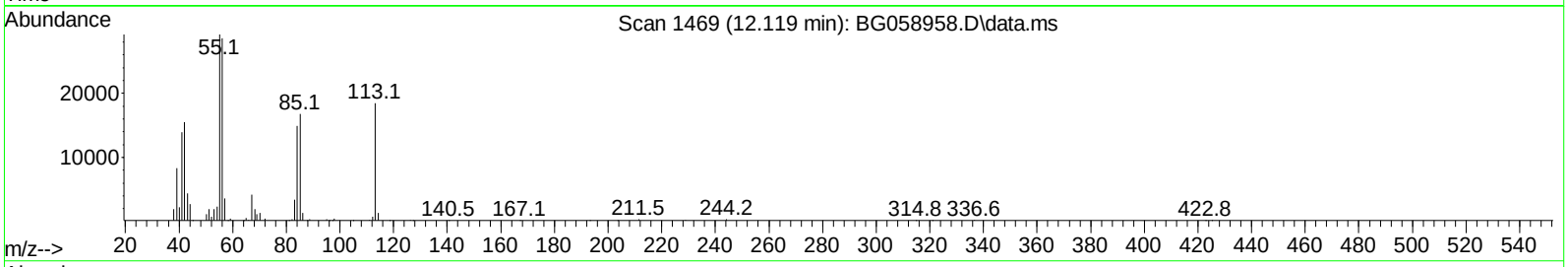
Quant Time: Sep 10 23:06:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Sep 10 22:58:52 2023
Response via : Initial Calibration

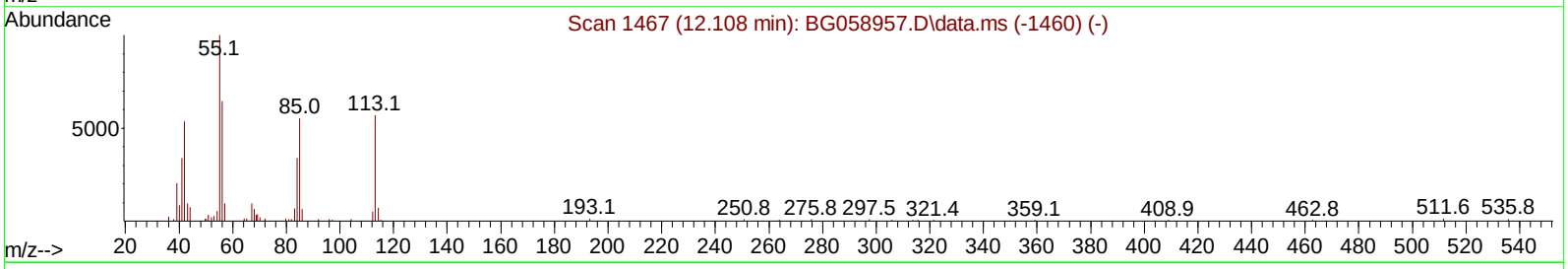
Instrument :
BNA_G
ClientSampleId :
SSTD040410

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/13/2023







TIC: BG058958.D\data.ms

(34) Caprolactam

12.119min (+ 0.011) 26.78 ng/ul

response 44689

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.60	158.03
56.00	113.00	154.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

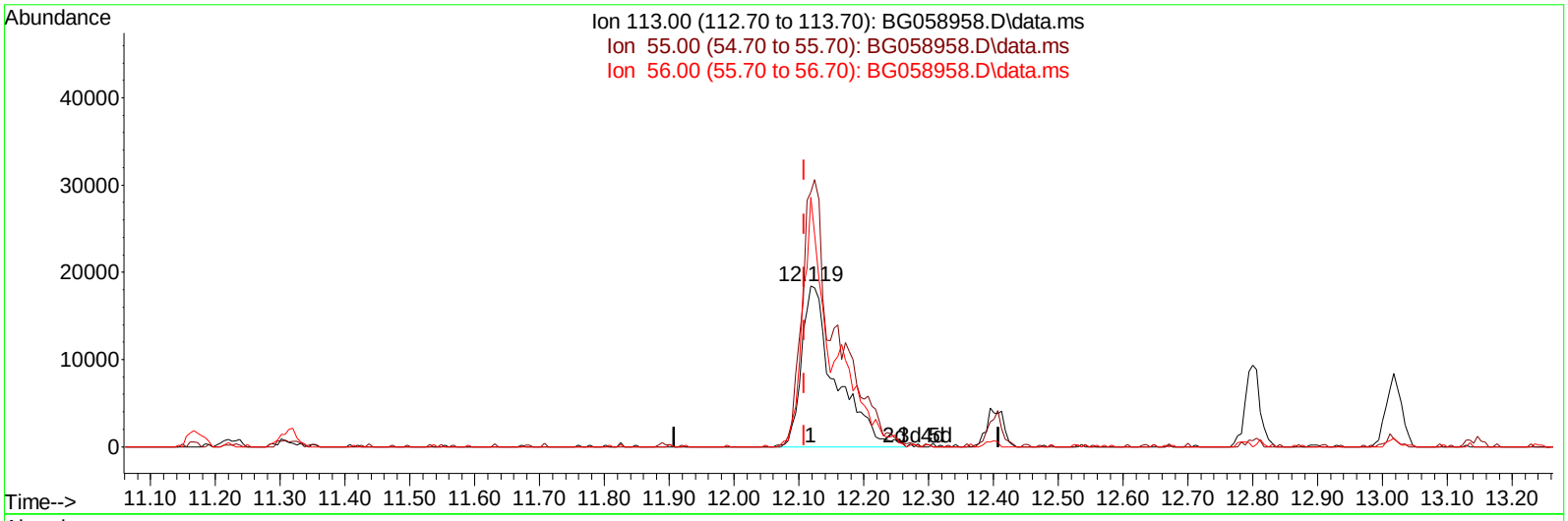
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058958.D
Acq On : 10 Sep 2023 19:32
Operator : MA/JU
Sample : SSTD04010
Misc :
ALS Vial : 37 Sample Multiplier: 1

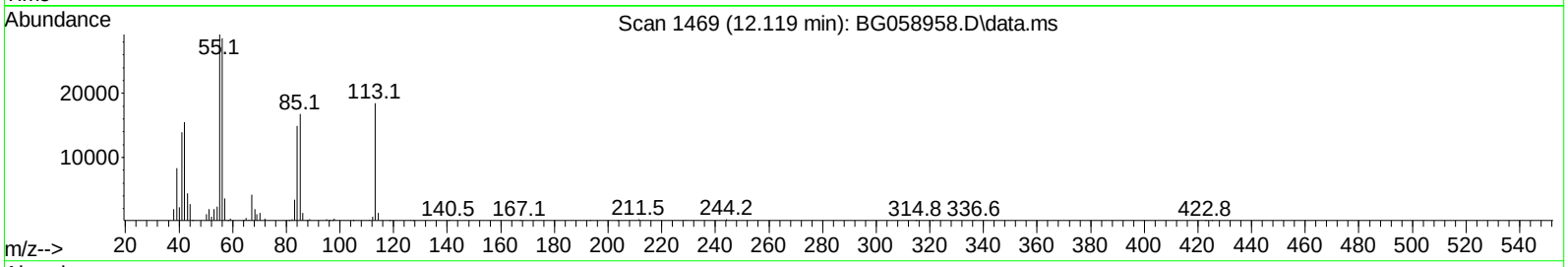
Quant Time: Sep 10 23:06:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Sep 10 22:58:52 2023
Response via : Initial Calibration

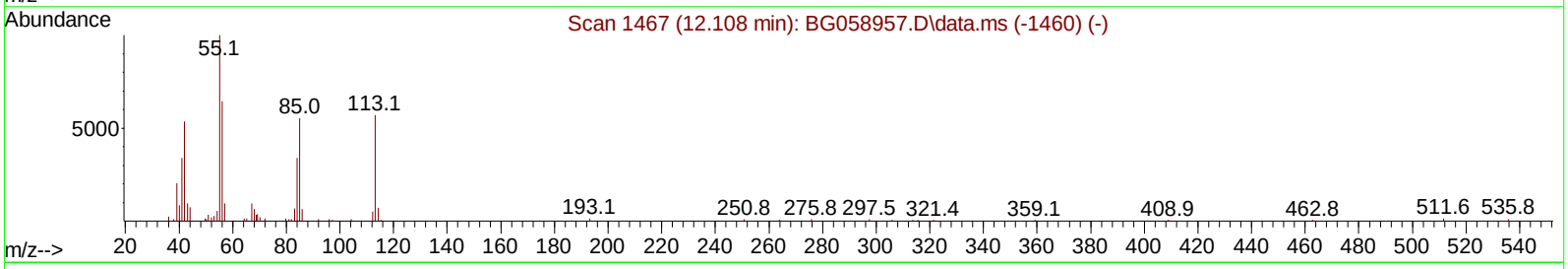
Instrument :
BNA_G
ClientSampleId :
SSTD040410

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/13/2023







TIC: BG058958.D\data.ms

(34) Caprolactam

12.119min (+ 0.011) 40.02 ng/ul m

response 66776

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.60	158.03
56.00	113.00	154.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

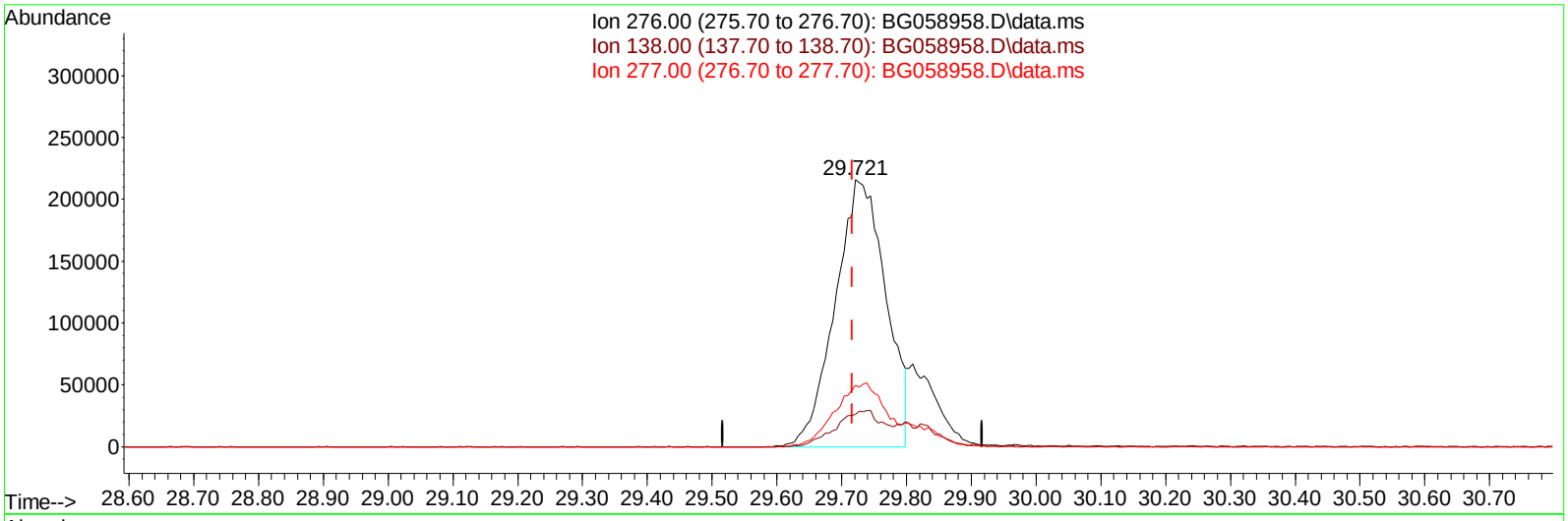
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058958.D
Acq On : 10 Sep 2023 19:32
Operator : MA/JU
Sample : SSTD04010
Misc :
ALS Vial : 37 Sample Multiplier: 1

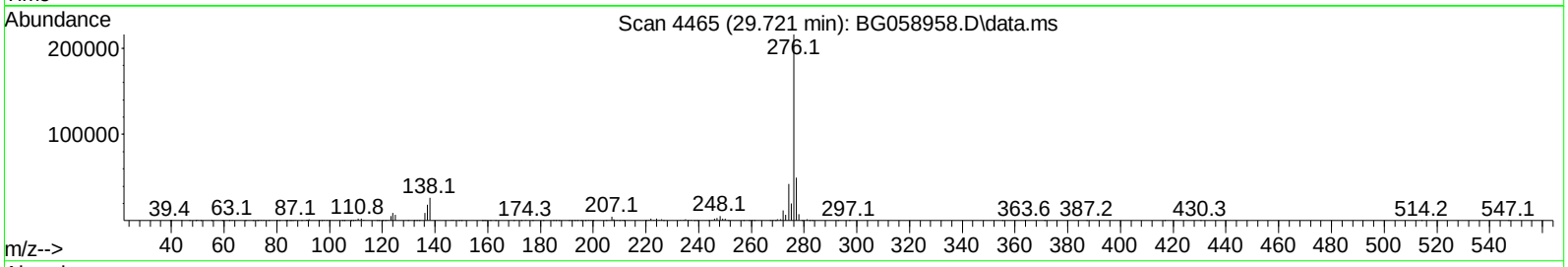
Quant Time: Sep 10 23:06:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Sep 10 22:58:52 2023
Response via : Initial Calibration

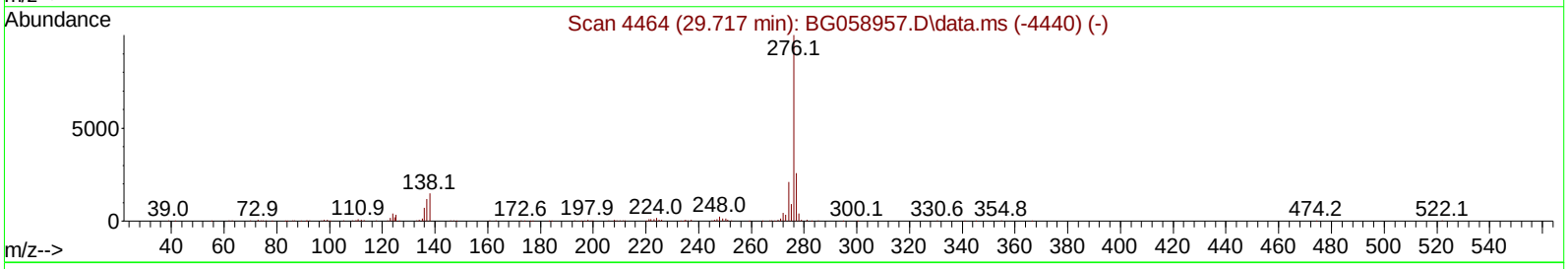
Instrument :
BNA_G
ClientSampleId :
SSTD040410

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/13/2023







TIC: BG058958.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

29.721min (+ 0.005) 35.91 ng/ul

response 1171818

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.80	12.26
277.00	25.90	23.00
0.00	0.00	0.00

Quantitation Report (Qedit)

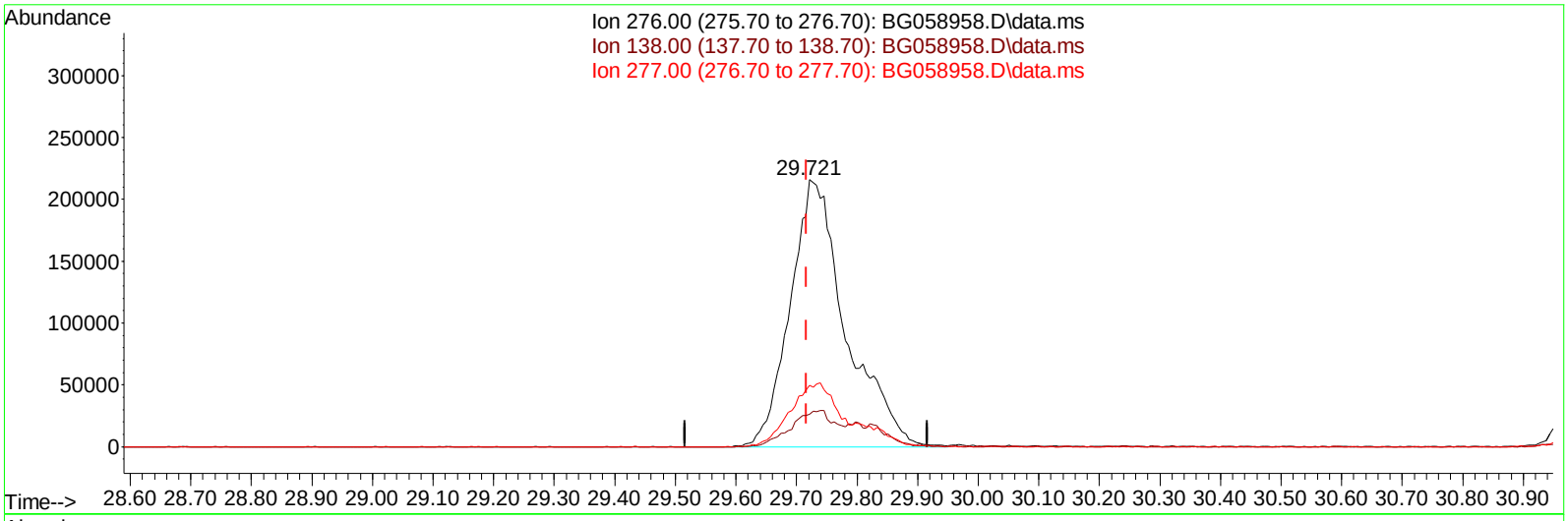
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058958.D
Acq On : 10 Sep 2023 19:32
Operator : MA/JU
Sample : SSTD04010
Misc :
ALS Vial : 37 Sample Multiplier: 1

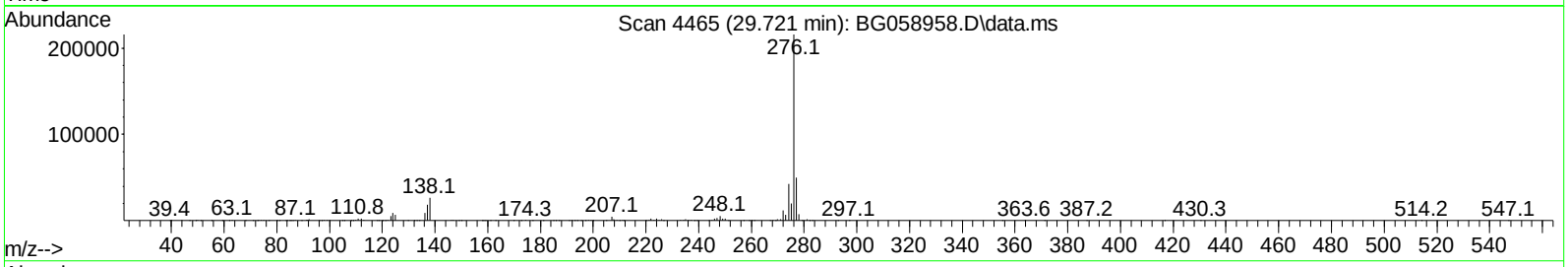
Quant Time: Sep 10 23:06:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Sep 10 22:58:52 2023
Response via : Initial Calibration

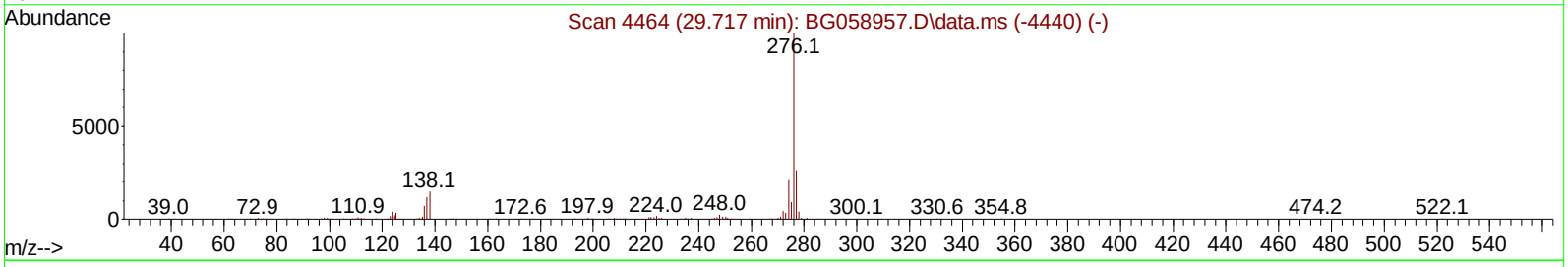
Instrument :
BNA_G
ClientSampleId :
SSTD040410

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/13/2023







TIC: BG058958.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

29.721min (+ 0.005) 42.27 ng/ul m

response 1379326

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.80	12.26
277.00	25.90	23.00
0.00	0.00	0.00

Quantitation Report (Qedit)

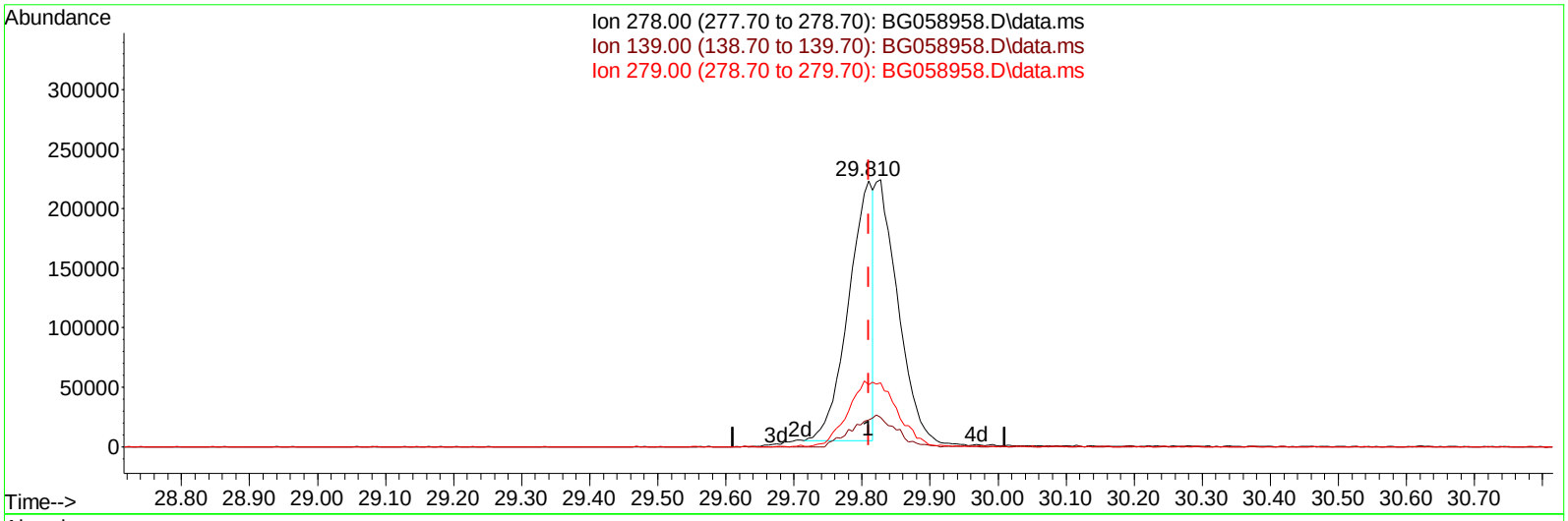
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058958.D
Acq On : 10 Sep 2023 19:32
Operator : MA/JU
Sample : SSTD04010
Misc :
ALS Vial : 37 Sample Multiplier: 1

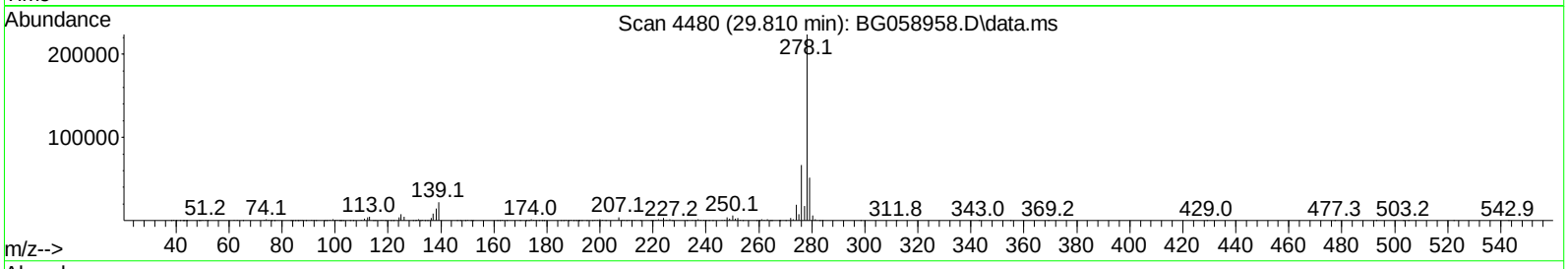
Quant Time: Sep 10 23:06:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Sep 10 22:58:52 2023
Response via : Initial Calibration

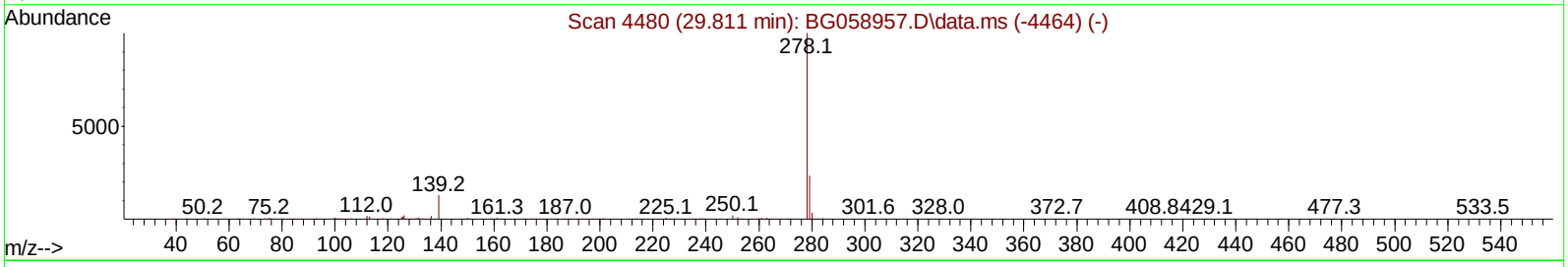
Instrument :
BNA_G
ClientSampleId :
SSTD040410

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/13/2023







TIC: BG058958.D\data.ms

(95) Dibenzo(a,h)anthracene

29.810min (-0.001) 20.69 ng/ul

response 548962

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	12.30	10.02
279.00	23.10	23.26
0.00	0.00	0.00

Quantitation Report (Qedit)

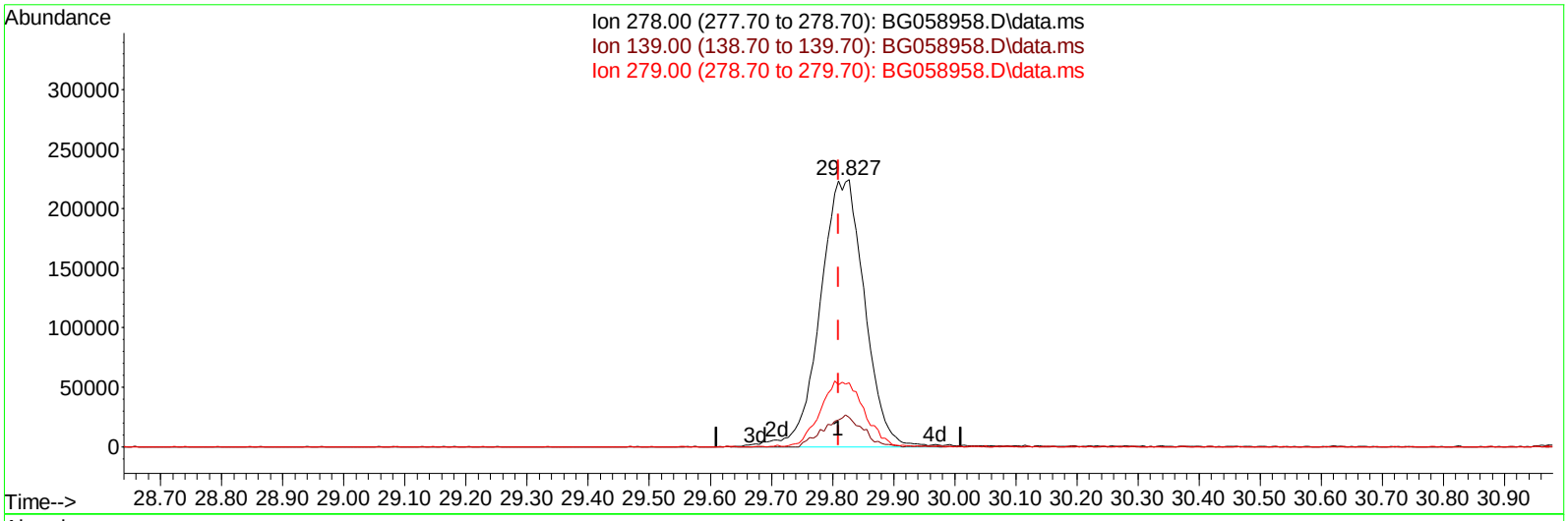
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058958.D
Acq On : 10 Sep 2023 19:32
Operator : MA/JU
Sample : SSTD04010
Misc :
ALS Vial : 37 Sample Multiplier: 1

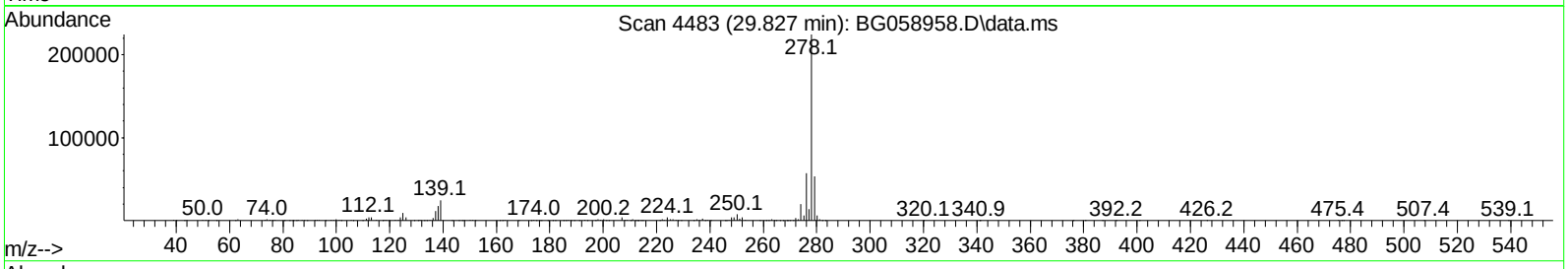
Quant Time: Sep 10 23:06:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Sep 10 22:58:52 2023
Response via : Initial Calibration

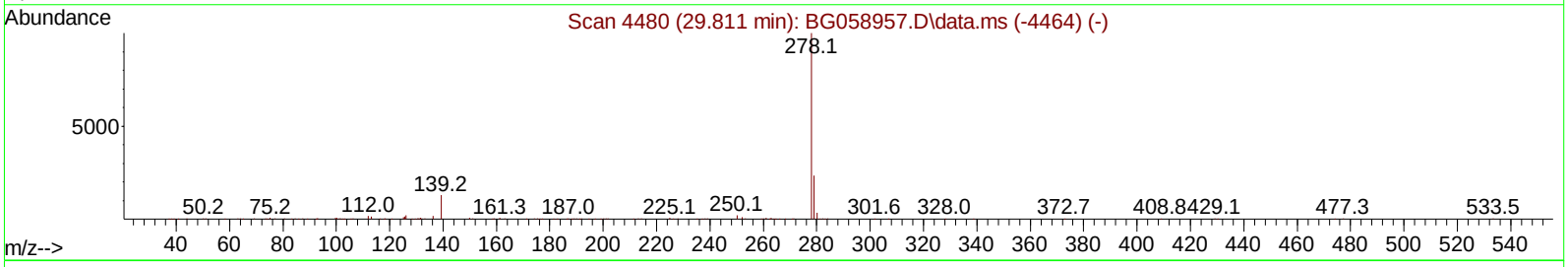
Instrument :
BNA_G
ClientSampleId :
SSTD040410

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/13/2023







TIC: BG058958.D\data.ms

(95) Dibenzo(a,h)anthracene

29.827min (+ 0.017) 42.63 ng/ul m

response 1131397

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	12.30	10.93
279.00	23.10	23.91
0.00	0.00	0.00

Quantitation Report (Qedit)

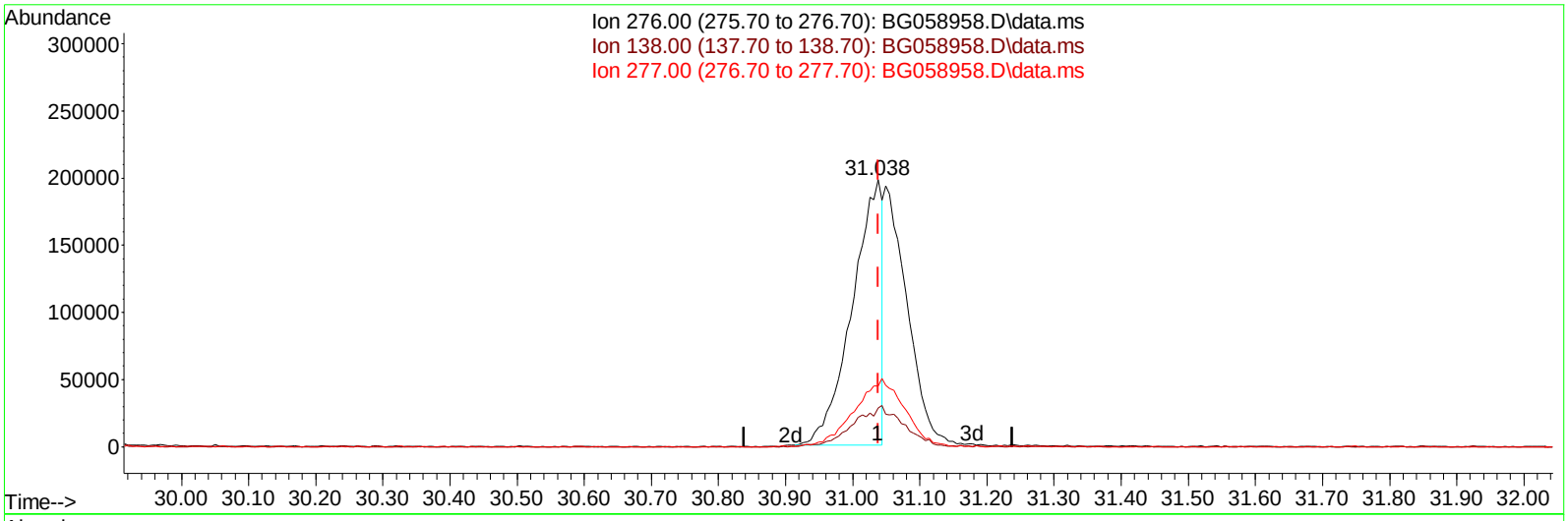
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058958.D
Acq On : 10 Sep 2023 19:32
Operator : MA/JU
Sample : SSTD04010
Misc :
ALS Vial : 37 Sample Multiplier: 1

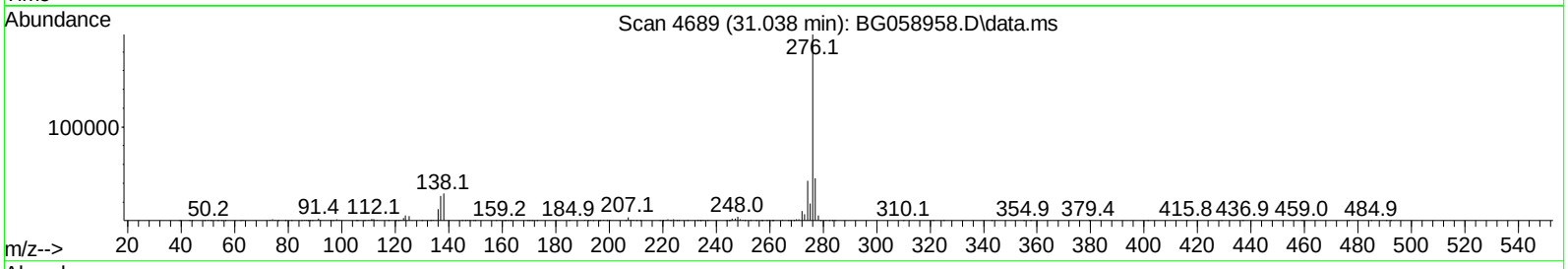
Quant Time: Sep 10 23:06:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Sep 10 22:58:52 2023
Response via : Initial Calibration

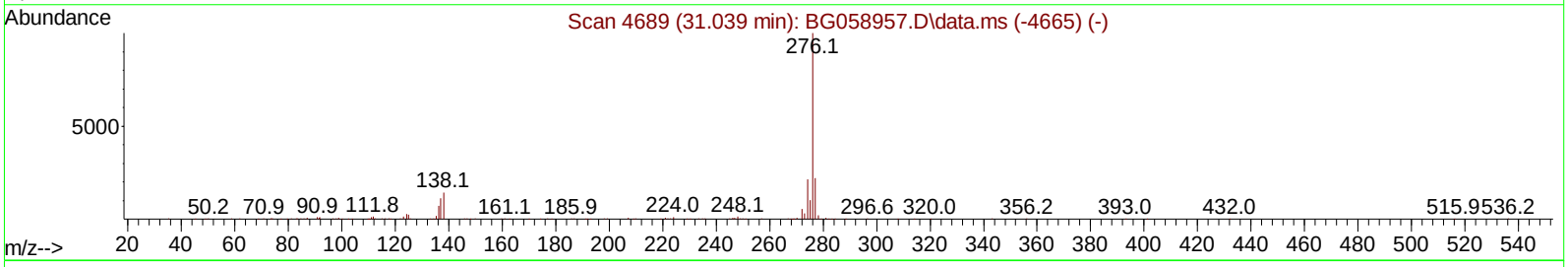
Instrument :
BNA_G
ClientSampleId :
SSTD040410

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/13/2023







TIC: BG058958.D\data.ms

(96) Benzo(g,h,i)perylene

31.038min (-0.001) 23.63 ng/ul

response 612377

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.30	14.51
277.00	21.80	22.70
0.00	0.00	0.00

Quantitation Report (Qedit)

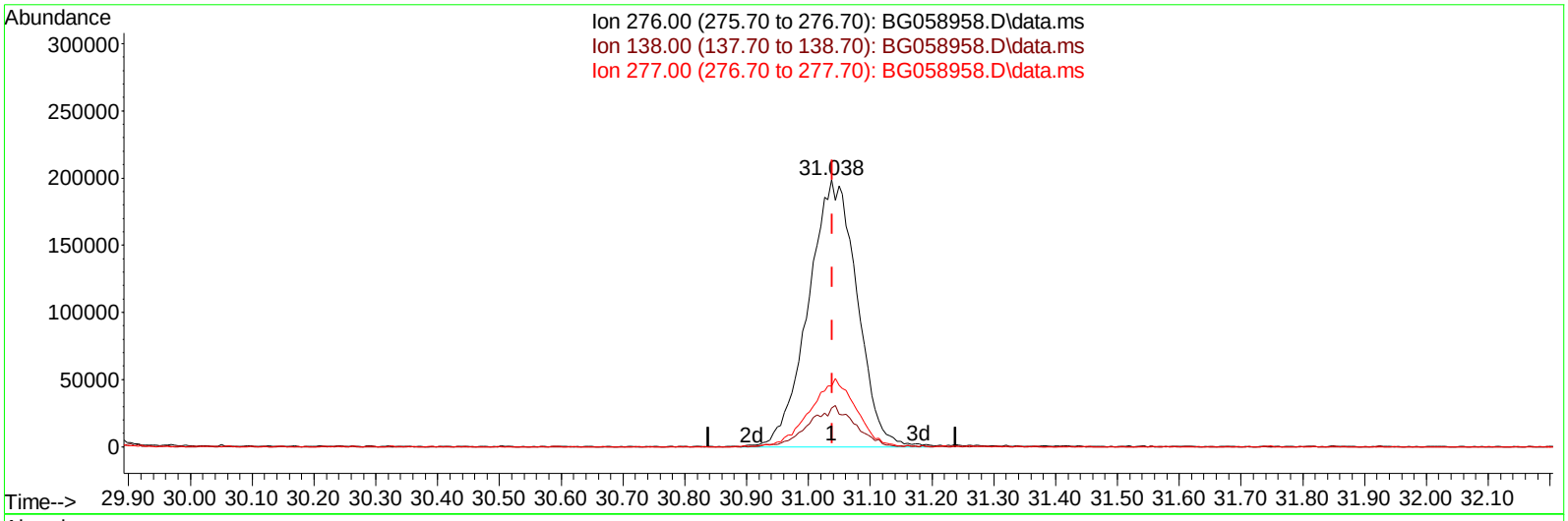
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058958.D
Acq On : 10 Sep 2023 19:32
Operator : MA/JU
Sample : SSTD04010
Misc :
ALS Vial : 37 Sample Multiplier: 1

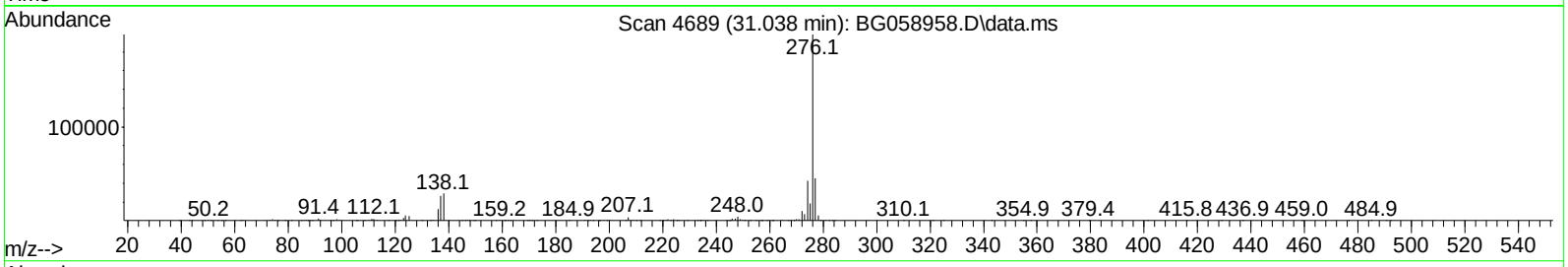
Quant Time: Sep 10 23:06:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Sep 10 22:58:52 2023
Response via : Initial Calibration

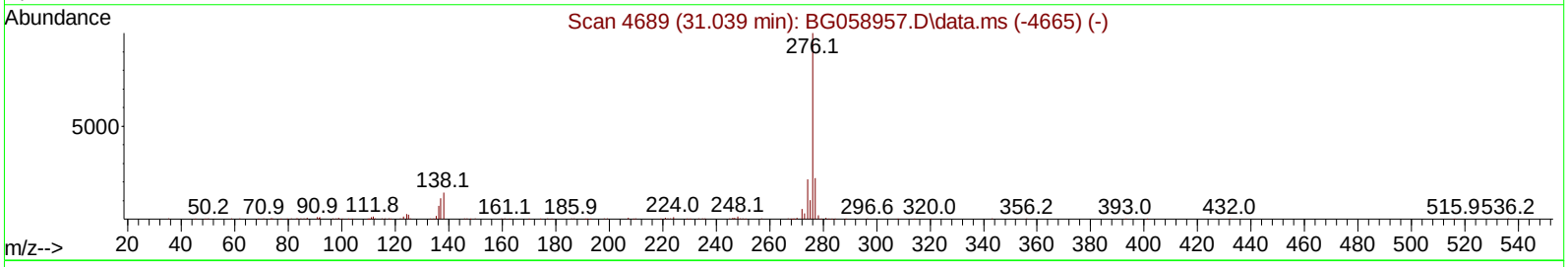
Instrument :
BNA_G
ClientSampleId :
SSTD040410

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/13/2023







TIC: BG058958.D\data.ms

(96) Benzo(g,h,i)perylene

31.038min (-0.001) 42.10 ng/ul m

response 1090729

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.30	14.51
277.00	21.80	22.70
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058958.D
Acq On : 10 Sep 2023 19:32
Operator : MA/JU
Sample : SSTD04010
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Sep 10 23:28:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Sep 10 22:58:52 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD040410

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.323	152	61131	20.000	ng/ul	0.00
20) Naphthalene-d8	11.173	136	284254	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.951	164	199831	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.700	188	446997	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.025	240	411741	20.000	ng/ul	0.00
88) Perylene-d12	25.591	264	464543	20.000	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.640	96	24105	18.913	ng/uL	0.00
4) Pyridine-d5	4.069	84	181749	41.533	ng/ul	0.00
7) Phenol-d5	7.436	99	258505	42.635	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.647	67	151886	44.281	ng/ul	0.00
11) 2-Chlorophenol-d4	7.841	132	164586	45.508	ng/ul	0.00
15) 4-Methylphenol-d8	9.010	113	199593	42.474	ng/ul	0.00
21) Nitrobenzene-d5	9.522	128	88070	52.600	ng/ul	0.00
24) 2-Nitrophenol-d4	10.244	143	101951	55.585	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.767	165	202809	38.113	ng/ul	0.00
31) 4-Chloroaniline-d4	11.314	131	271729	39.808	ng/ul	0.00
46) Dimethylphthalate-d6	14.351	166	628900	40.770	ng/ul	0.00
49) Acenaphthylene-d8	14.657	160	712174	42.712	ng/ul	0.00
54) 4-Nitrophenol-d4	15.121	143	101174	49.643	ng/ul	0.00
60) Fluorene-d10	15.938	176	558742	38.431	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.043	200	91322	44.874	ng/ul	0.00
73) Anthracene-d10	17.800	188	831111	40.874	ng/ul	0.00
81) Pyrene-d10	20.068	212	892513	37.377	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.344	264	964815	42.161	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.675	88	25698	16.556	ng/uL	90
5) Pyridine	4.093	79	198124	43.009	ng/ul	98
6) Benzaldehyde	7.471	77	159146	44.530	ng/ul#	80
8) Phenol	7.465	94	278856	44.102	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.741	93	197355	42.085	ng/ul	95
12) 2-Chlorophenol	7.876	128	161254	44.220	ng/ul#	94
13) 2-Methylphenol	8.746	108	207004	43.724	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.834	45	239866m	44.444	ng/ul	
16) Acetophenone	9.169	105	333188	39.765	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.140	70	191945	43.799	ng/ul#	96
18) 4-Methylphenol	9.081	108	231828	44.748	ng/ul	86
19) Hexachloroethane	9.410	117	70396	47.298	ng/ul#	80
22) Nitrobenzene	9.569	77	264516	46.192	ng/ul	96
23) Isophorone	10.074	82	557624	39.029	ng/ul	100
25) 2-Nitrophenol	10.274	139	95947	48.497	ng/ul	94
26) 2,4-Dimethylphenol	10.297	107	230477	37.470	ng/ul	89
27) Bis(2-Chloroethoxy)met...	10.562	93	290166	39.218	ng/ul	93
29) 2,4-Dichlorophenol	10.797	162	189635	37.597	ng/ul	99
30) Naphthalene	11.225	128	617957	40.243	ng/ul	98
32) 4-Chloroaniline	11.337	127	257276	39.739	ng/ul	99
33) Hexachlorobutadiene	11.455	225	144148	29.181	ng/ul	93
34) Caprolactam	12.119	113	66776m	40.020	ng/ul	
35) 4-Chloro-3-methylphenol	12.401	107	228697	38.591	ng/ul	97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058958.D
Acq On : 10 Sep 2023 19:32
Operator : MA/JU
Sample : SSTD04010
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Sep 10 23:28:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Sep 10 22:58:52 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD040410

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.800	142	453342	38.999	ng/ul	99
37) 1-Methylnaphthalene	13.017	142	453737	38.162	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.141	216	276223	37.045	ng/ul	97
40) Hexachlorocyclopentadiene	13.100	237	174186	32.459	ng/ul	96
41) 2,4,6-Trichlorophenol	13.382	196	175840	40.582	ng/ul	95
42) 2,4,5-Trichlorophenol	13.446	196	185659	39.965	ng/ul	95
43) 1,1'-Biphenyl	13.787	154	620752	45.654	ng/ul	99
44) 2-Chloronaphthalene	13.840	162	473074	43.625	ng/ul	95
45) 2-Nitroaniline	14.057	65	152301	63.519	ng/ul	91
47) Dimethylphthalate	14.398	163	597542	38.099	ng/ul	99
48) 2,6-Dinitrotoluene	14.539	165	118945	53.433	ng/ul	99
50) Acenaphthylene	14.680	152	770240	41.396	ng/ul	99
51) 3-Nitroaniline	14.874	138	110868	49.425	ng/ul	92
52) Acenaphthene	15.015	153	521414	43.041	ng/ul	98
53) 2,4-Dinitrophenol	15.062	184	61670	32.749	ng/ul	97
55) 4-Nitrophenol	15.139	109	119241	46.779	ng/ul	91
56) Dibenzofuran	15.350	168	736913	40.748	ng/ul	99
57) 2,4-Dinitrotoluene	15.315	165	167660	52.210	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.550	232	176470	35.953	ng/ul#	98
59) Diethylphthalate	15.744	149	570351	40.462	ng/ul	97
61) Fluorene	15.996	166	605699	39.450	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.979	204	326609	35.460	ng/ul	97
63) 4-Nitroaniline	16.037	138	101760	48.755	ng/ul	94
66) 4,6-Dinitro-2-methylph...	16.061	198	102606	48.026	ng/ul	99
67) N-Nitrosodiphenylamine	16.196	169	502912	45.749	ng/ul	97
68) 4-Bromophenyl-phenylether	16.878	248	210267	38.738	ng/ul	87
69) Hexachlorobenzene	16.966	284	234921	37.507	ng/ul	97
70) Atrazine	17.130	200	194062	43.971	ng/ul	98
71) Pentachlorophenol	17.318	266	144285	37.508	ng/ul	95
72) Phenanthrene	17.741	178	933171	43.002	ng/ul	98
74) Anthracene	17.835	178	947063	42.746	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.746	216	295417	45.513	ng/uL	97
76) Pentachlorobenzene	15.238	250	274401	41.946	ng/uL	97
77) Carbazole	18.111	167	790619	47.014	ng/ul	97
78) Di-n-butylphthalate	18.623	149	857799	56.742	ng/ul	99
80) Fluoranthene	19.733	202	1052245	36.258	ng/ul	98
82) Pyrene	20.097	202	1077760	37.076	ng/ul	97
83) Butylbenzylphthalate	20.961	149	357182	70.866	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.913	252	387343	43.069	ng/ul#	91
85) Benzo(a)anthracene	22.001	228	1120148	39.958	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.848	149	536972	68.295	ng/ul#	99
87) Chrysene	22.077	228	1066964	40.631	ng/ul	99
89) Di-n-octyl phthalate	23.188	149	911153	62.806	ng/ul	100
90) Benzo(b)fluoranthene	24.433	252	1158471	41.410	ng/ul	98
91) Benzo(k)fluoranthene	24.516	252	1163690	41.340	ng/ul	94
93) Benzo(a)pyrene	25.421	252	1078376	41.197	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.721	276	1379326m	42.267	ng/ul	
95) Dibenzo(a,h)anthracene	29.827	278	1131397m	42.634	ng/ul	
96) Benzo(g,h,i)perylene	31.038	276	1090729m	42.097	ng/ul	

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

Instrument :
BNA_G
ClientSampleId :
SSTD040410

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/13/2023

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058958.D
Acq On : 10 Sep 2023 19:32
Operator : MA/JU
Sample : SSTD04010
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Sep 10 23:28:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Sep 10 22:58:52 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD040410

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/13/2023