Quantitation Report (Qedit)

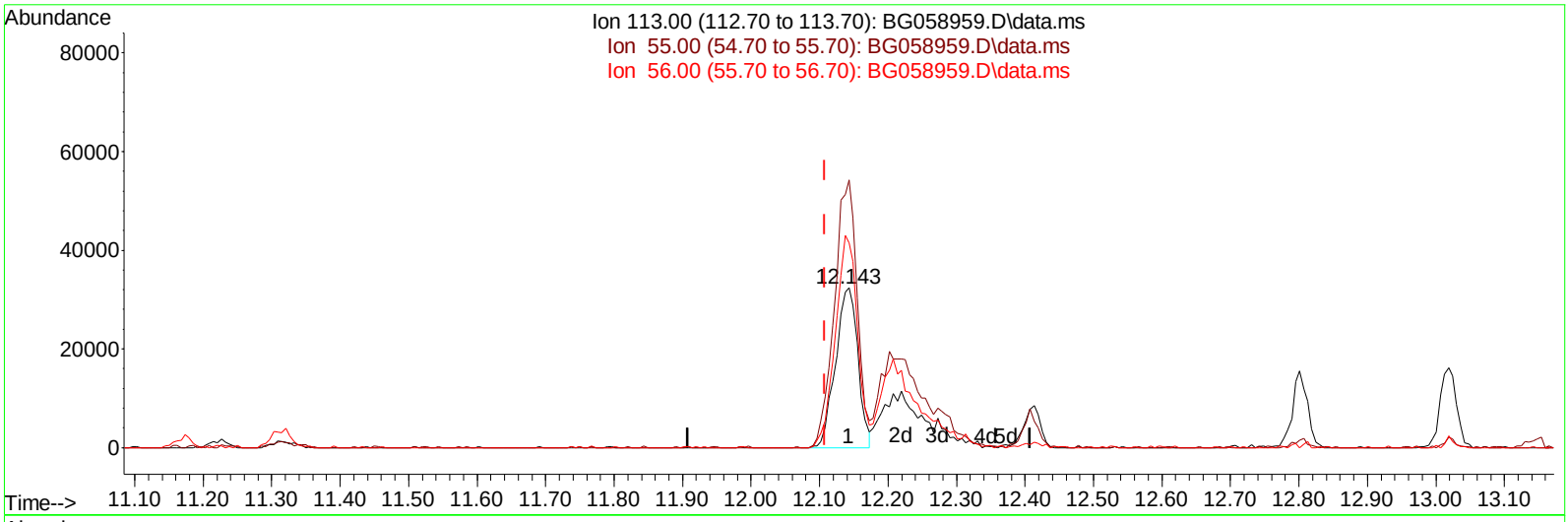
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058959.D
Acq On : 10 Sep 2023 20:14
Operator : MA/JU
Sample : SSTD08011
Misc :
ALS Vial : 38 Sample Multiplier: 1

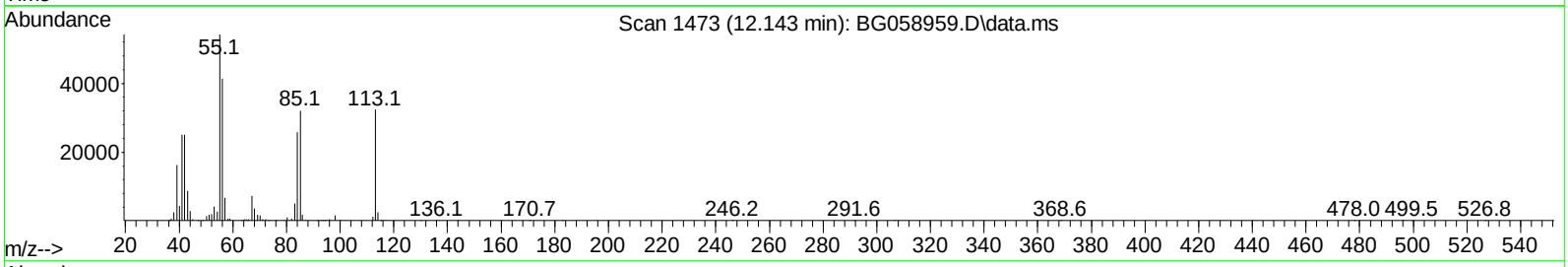
Quant Time: Sep 10 23:07:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Sep 10 22:58:52 2023
Response via : Initial Calibration

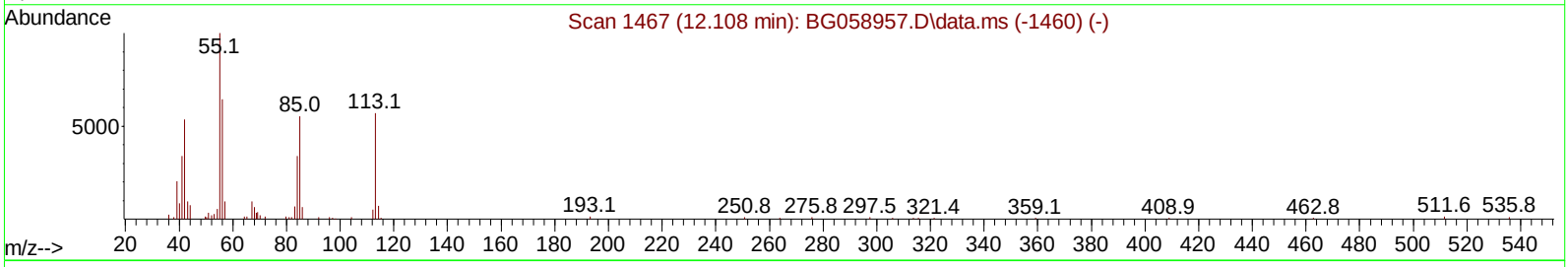
Instrument :
BNA_G
ClientSampleId :
SSTD080411

Manual IntegrationsAPPROVED

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







TIC: BG058959.D\data.ms

(34) Caprolactam

12.143min (+ 0.035) 46.77 ng/ul

response 73478

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.60	167.49
56.00	113.00	128.08
0.00	0.00	0.00

Quantitation Report (Qedit)

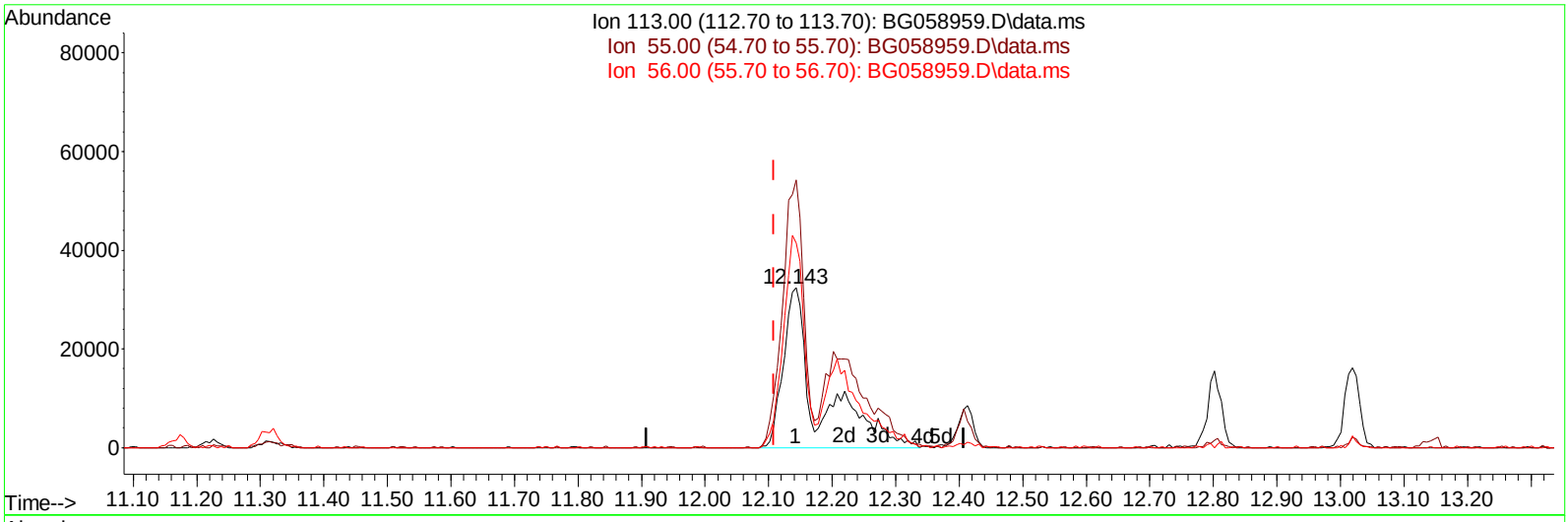
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058959.D
Acq On : 10 Sep 2023 20:14
Operator : MA/JU
Sample : SSTD08011
Misc :
ALS Vial : 38 Sample Multiplier: 1

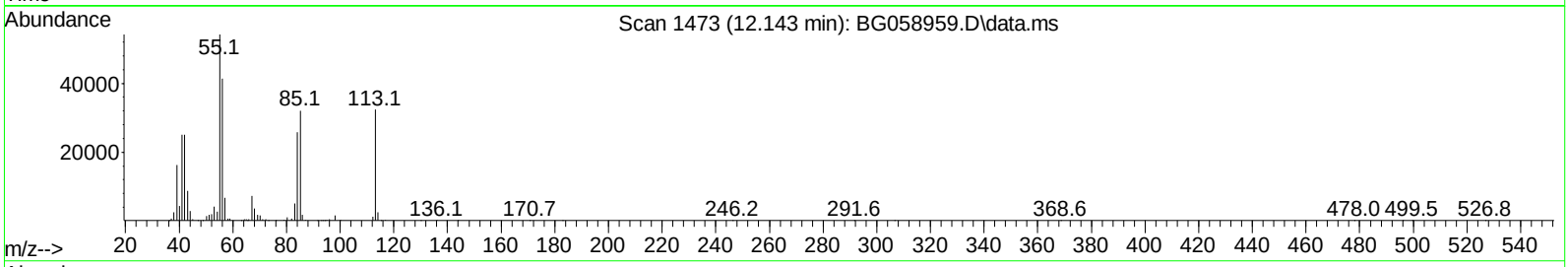
Quant Time: Sep 10 23:07:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Sep 10 22:58:52 2023
Response via : Initial Calibration

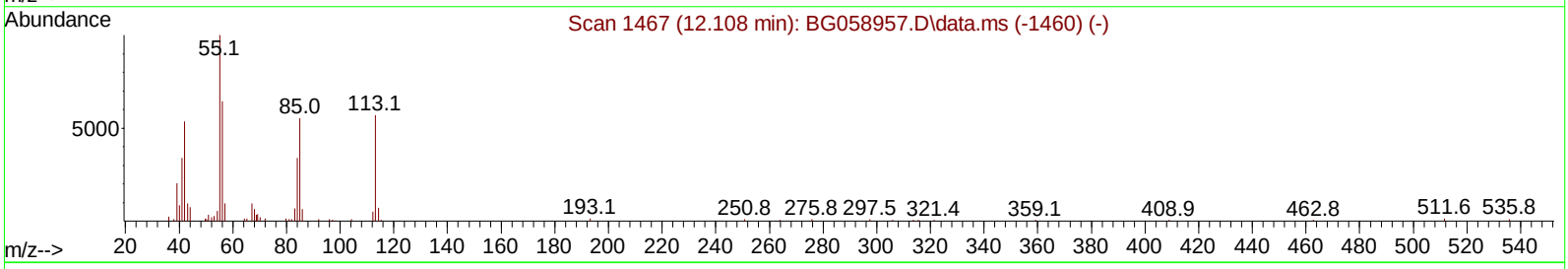
Instrument :
BNA_G
ClientSampleId :
SSTD080411

Manual IntegrationsAPPROVED

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







TIC: BG058959.D\data.ms

(34) Caprolactam

12.143min (+ 0.035) 78.56 ng/ul m

response 123410

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.60	167.49
56.00	113.00	128.08
0.00	0.00	0.00

Quantitation Report (Qedit)

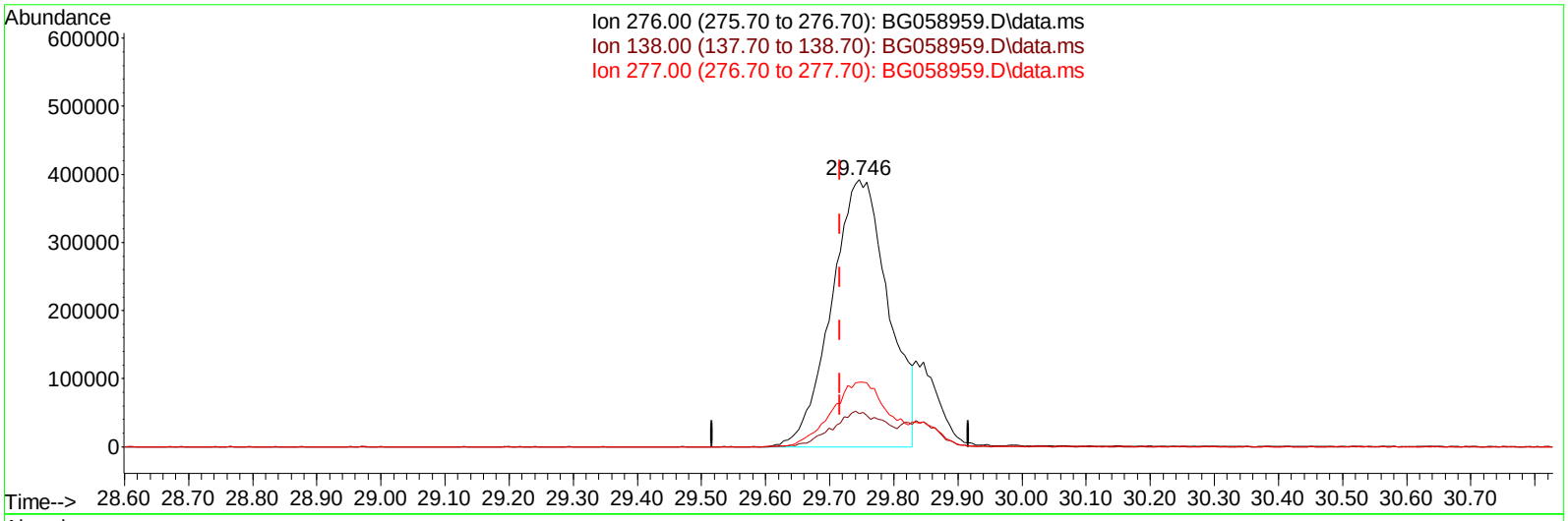
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058959.D
Acq On : 10 Sep 2023 20:14
Operator : MA/JU
Sample : SSTD08011
Misc :
ALS Vial : 38 Sample Multiplier: 1

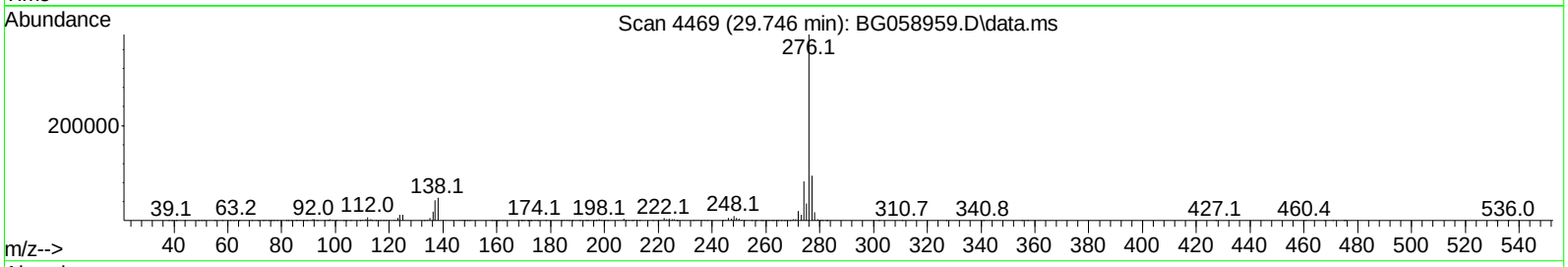
Quant Time: Sep 10 23:29:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Sep 10 22:58:52 2023
Response via : Initial Calibration

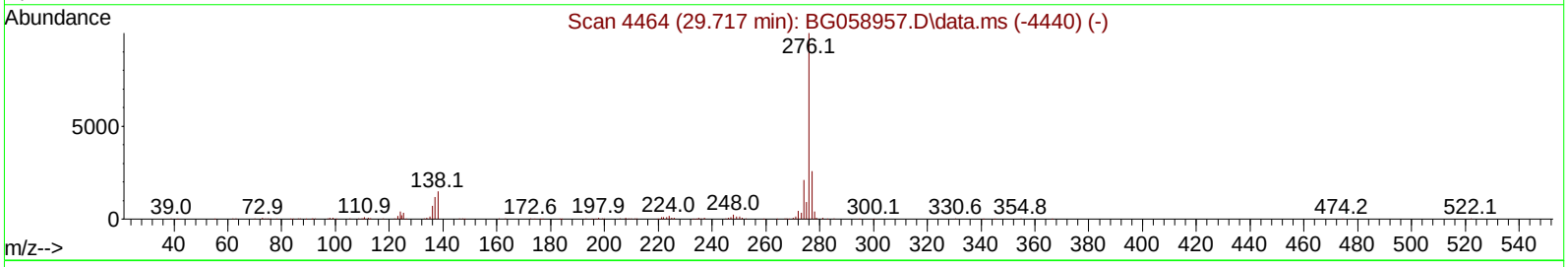
Instrument :
BNA_G
ClientSampleId :
SSTD080411

Manual IntegrationsAPPROVED

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







TIC: BG058959.D\data.ms

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

29.746min (+ 0.029) 73.40 ng/ul

response 2402839

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.80	12.33
277.00	25.90	24.19
0.00	0.00	0.00

Quantitation Report (Qedit)

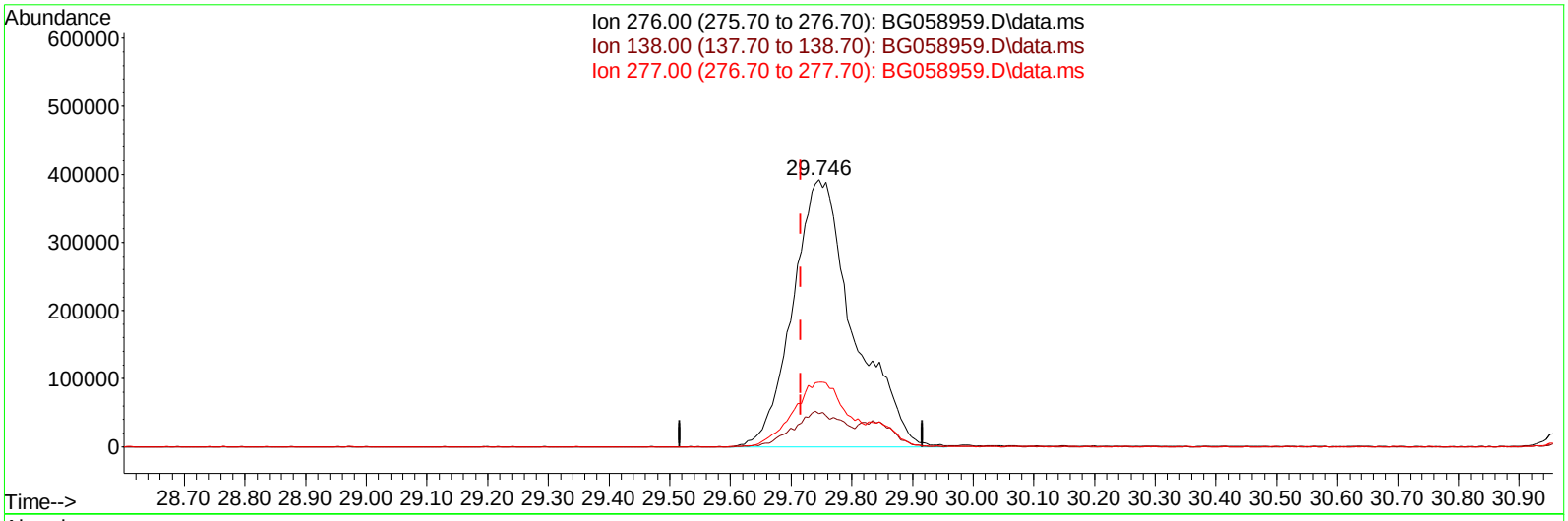
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058959.D
Acq On : 10 Sep 2023 20:14
Operator : MA/JU
Sample : SSTD08011
Misc :
ALS Vial : 38 Sample Multiplier: 1

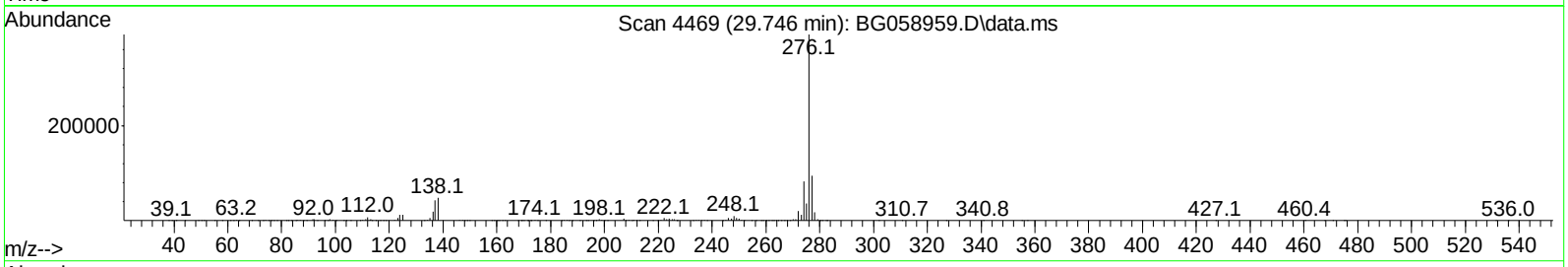
Quant Time: Sep 10 23:29:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Sep 10 22:58:52 2023
Response via : Initial Calibration

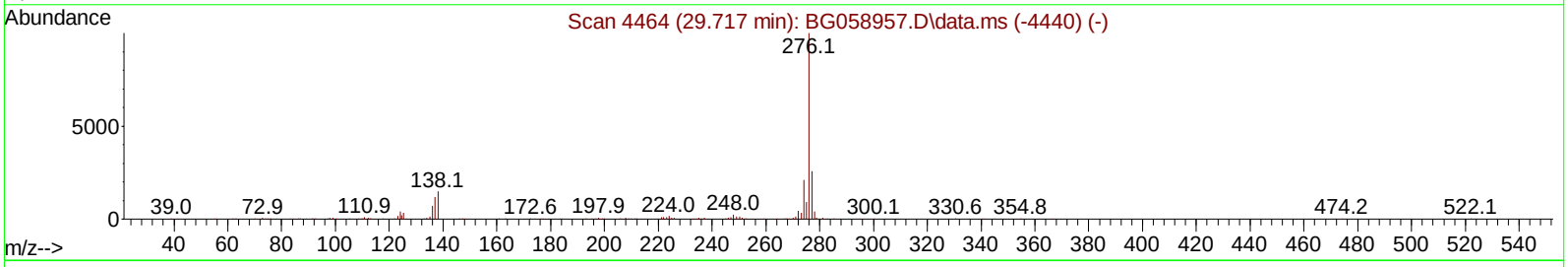
Instrument :
BNA_G
ClientSampleId :
SSTD080411

Manual IntegrationsAPPROVED

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







TIC: BG058959.D\data.ms

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

29.746min (+ 0.029) 83.47 ng/ul m

response 2732540

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.80	12.33
277.00	25.90	24.19
0.00	0.00	0.00

Quantitation Report (Qedit)

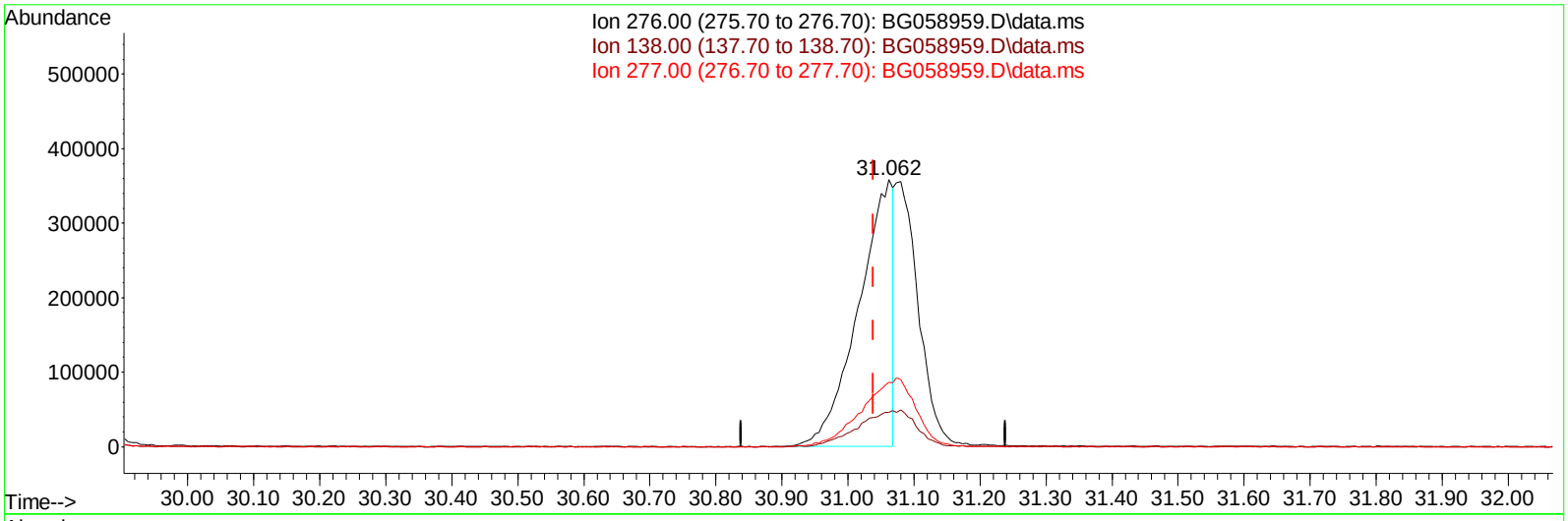
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058959.D
Acq On : 10 Sep 2023 20:14
Operator : MA/JU
Sample : SSTD08011
Misc :
ALS Vial : 38 Sample Multiplier: 1

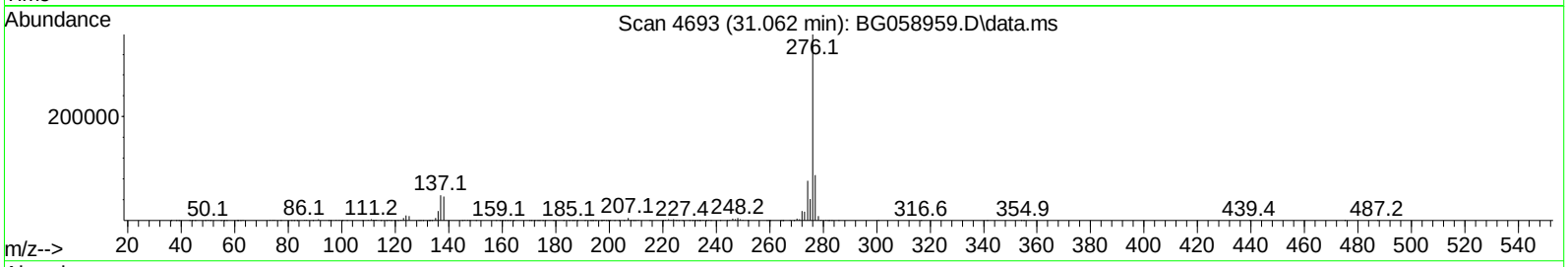
Quant Time: Sep 10 23:29:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Sep 10 22:58:52 2023
Response via : Initial Calibration

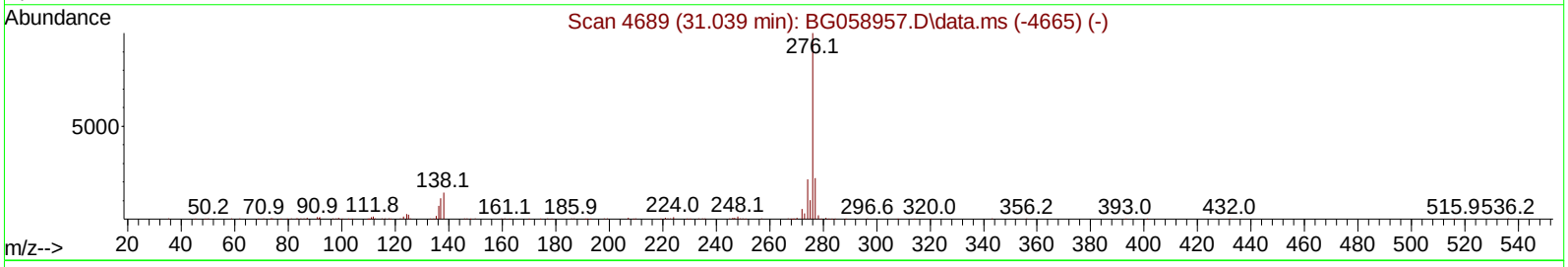
Instrument :
BNA_G
ClientSampleId :
SSTD080411

Manual IntegrationsAPPROVED

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







TIC: BG058959.D\data.ms

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

31.062min (+ 0.024) 50.02 ng/ul

response 1300118

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.30	12.83
277.00	21.80	24.29
0.00	0.00	0.00

Quantitation Report (Qedit)

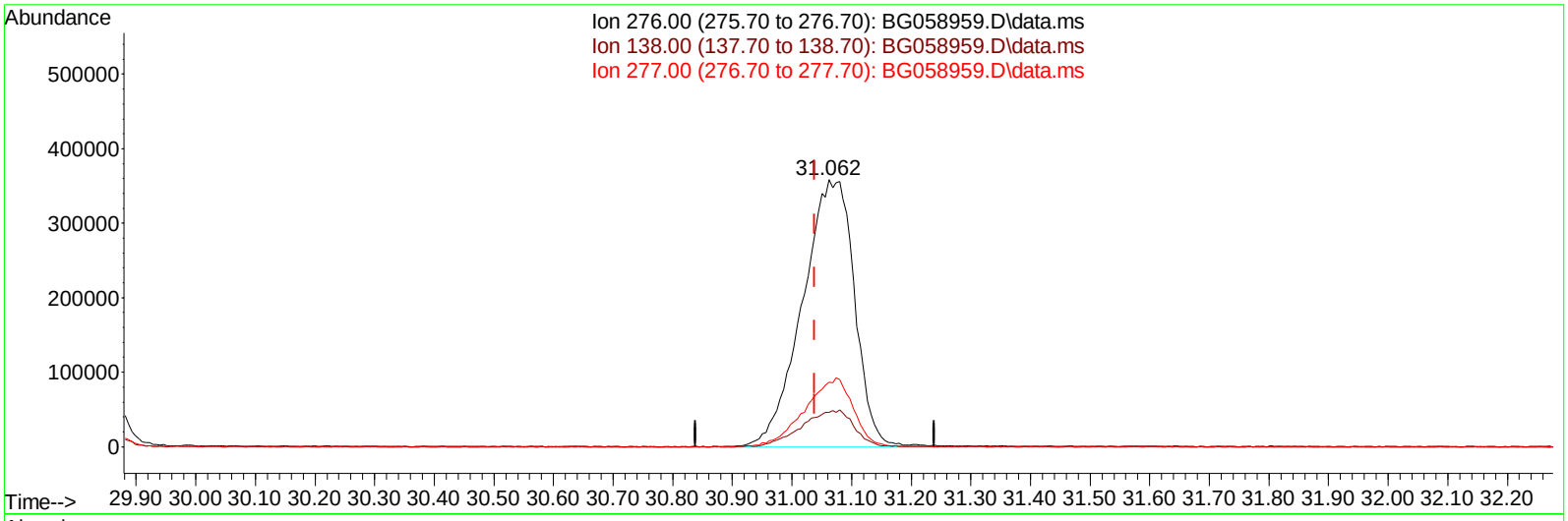
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058959.D
Acq On : 10 Sep 2023 20:14
Operator : MA/JU
Sample : SSTD08011
Misc :
ALS Vial : 38 Sample Multiplier: 1

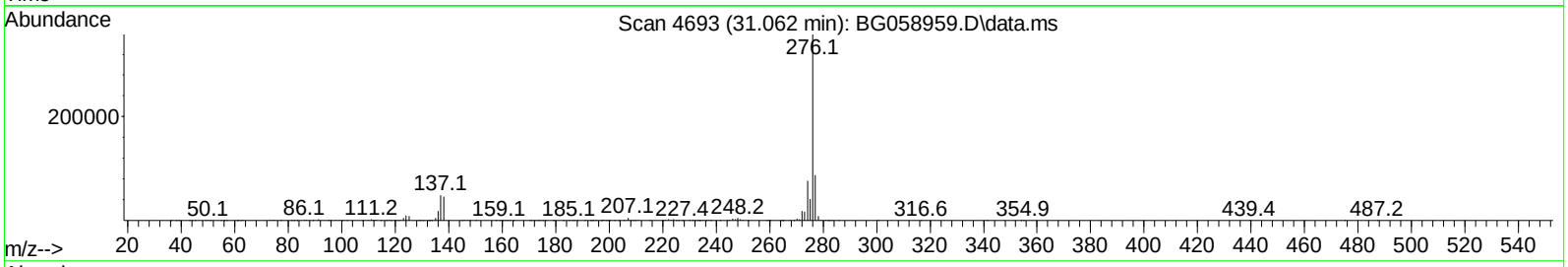
Quant Time: Sep 10 23:29:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Sep 10 22:58:52 2023
Response via : Initial Calibration

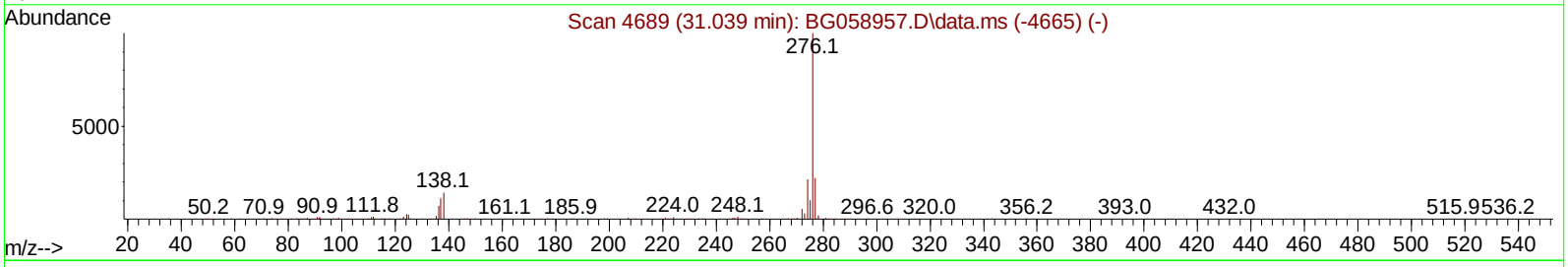
Instrument :
BNA_G
ClientSampleId :
SSTD080411

Manual IntegrationsAPPROVED

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







TIC: BG058959.D\data.ms

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

31.062min (+ 0.024) 83.80 ng/ul m

response 2178110

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.30	12.83
277.00	21.80	24.29
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058959.D
Acq On : 10 Sep 2023 20:14
Operator : MA/JU
Sample : SSTD08011
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 10 23:30:31 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 :
SSTD080411

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	8.324	152	61609	20.000	ng/ul		0.00
20) Naphthalene-d8	11.168	136	267621	20.000	ng/ul	#	0.00
38) Acenaphthene-d10	14.952	164	182481	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.701	188	428093	20.000	ng/ul	#	0.00
79) Chrysene-d12	22.026	240	404666	20.000	ng/ul		0.00
88) Perylene-d12	25.598	264	466028	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.635	96	46011	35.821	ng/uL		0.00
4) Pyridine-d5	4.070	84	361742	82.022	ng/ul		0.00
7) Phenol-d5	7.437	99	496271	81.215	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.648	67	283843	82.110	ng/ul		0.00
11) 2-Chlorophenol-d4	7.842	132	336204	92.239	ng/ul		0.00
15) 4-Methylphenol-d8	9.017	113	381145	80.479	ng/ul		0.01
21) Nitrobenzene-d5	9.528	128	173255	109.908	ng/ul		0.00
24) 2-Nitrophenol-d4	10.245	143	198971	115.224	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.768	165	384575	76.762	ng/ul		0.00
31) 4-Chloroaniline-d4	11.315	131	488435	76.003	ng/ul		0.00
46) Dimethylphthalate-d6	14.352	166	1104721	78.425	ng/ul		0.00
49) Acenaphthylene-d8	14.658	160	1276879	83.862	ng/ul		0.00
54) 4-Nitrophenol-d4	15.134	143	192454	103.409	ng/ul		0.02
60) Fluorene-d10	15.939	176	983449	74.075	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	16.050	200	181875	93.317	ng/ul		0.01
73) Anthracene-d10	17.801	188	1508889	77.484	ng/ul		0.00
81) Pyrene-d10	20.069	212	1729034	73.674	ng/ul		0.00
92) Benzo(a)pyrene-d12	25.351	264	1896112	82.594	ng/ul		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.677	88	53870	34.437	ng/uL	#	93
5) Pyridine	4.094	79	383474	82.599	ng/ul		98
6) Benzaldehyde	7.472	77	309650	85.970	ng/ul		85
8) Phenol	7.472	94	534659	83.903	ng/ul		98
10) Bis(2-Chloroethyl)ether	7.748	93	380429	80.496	ng/ul		94
12) 2-Chlorophenol	7.878	128	332470	90.465	ng/ul		96
13) 2-Methylphenol	8.747	108	408272	85.567	ng/ul		92
14) 2,2'-oxybis(1-Chloropr...	8.835	45	451942	83.089	ng/ul		97
16) Acetophenone	9.176	105	632285	74.877	ng/ul	#	97
17) N-Nitroso-di-n-propyla...	9.147	70	344843	78.078	ng/ul	#	95
18) 4-Methylphenol	9.088	108	424672	81.336	ng/ul		92
19) Hexachloroethane	9.411	117	139648	93.099	ng/ul		87
22) Nitrobenzene	9.576	77	509625	94.527	ng/ul		97
23) Isophorone	10.087	82	1019990	75.828	ng/ul		98
25) 2-Nitrophenol	10.275	139	195530	104.974	ng/ul	#	93
26) 2,4-Dimethylphenol	10.298	107	440682	76.097	ng/ul		87
27) Bis(2-Chloroethoxy)met...	10.563	93	539530	77.453	ng/ul		97
29) 2,4-Dichlorophenol	10.792	162	357115	75.201	ng/ul		96
30) Naphthalene	11.227	128	1163647	80.490	ng/ul		99
32) 4-Chloroaniline	11.344	127	474984	77.926	ng/ul		99
33) Hexachlorobutadiene	11.456	225	275427	59.223	ng/ul		96
34) Caprolactam	12.143	113	123410m	78.558	ng/ul		
35) 4-Chloro-3-methylphenol	12.413	107	435322	78.022	ng/ul		94

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
Data File : BG058959.D
Acq On : 10 Sep 2023 20:14
Operator : MA/JU
Sample : SSTD08011
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 10 23:30:31 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 :
SSTD080411

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	12.801	142	820722	74.991 ng/ul	99
37)	1-Methylnaphthalene	13.019	142	817824	73.059 ng/ul#	98
39)	1,2,4,5-Tetrachloroben...	13.142	216	502175	73.752 ng/ul#	94
40)	Hexachlorocyclopentadiene	13.101	237	327354	66.801 ng/ul	93
41)	2,4,6-Trichlorophenol	13.383	196	317347	80.204 ng/ul	91
42)	2,4,5-Trichlorophenol	13.453	196	338555	79.806 ng/ul	92
43)	1,1'-Biphenyl	13.794	154	1114121	89.730 ng/ul	98
44)	2-Chloronaphthalene	13.847	162	859757	86.822 ng/ul	97
45)	2-Nitroaniline	14.058	65	287513	131.312 ng/ul	97
47)	Dimethylphthalate	14.399	163	1043824	72.882 ng/ul	98
48)	2,6-Dinitrotoluene	14.540	165	227330	111.832 ng/ul	92
50)	Acenaphthylene	14.687	152	1377966	81.100 ng/ul	96
51)	3-Nitroaniline	14.881	138	207613	101.354 ng/ul	91
52)	Acenaphthene	15.016	153	904149	81.730 ng/ul	99
53)	2,4-Dinitrophenol	15.069	184	133966	77.905 ng/ul	91
55)	4-Nitrophenol	15.145	109	233954	100.507 ng/ul	86
56)	Dibenzofuran	15.351	168	1310400	79.349 ng/ul	94
57)	2,4-Dinitrotoluene	15.316	165	306904	104.659 ng/ul#	81
58)	2,3,4,6-Tetrachlorophenol	15.557	232	314151	70.089 ng/ul#	94
59)	Diethylphthalate	15.751	149	1024107	79.560 ng/ul	95
61)	Fluorene	15.997	166	1052281	75.053 ng/ul	96
62)	4-Chlorophenyl-phenyle...	15.980	204	554012	65.869 ng/ul	97
63)	4-Nitroaniline	16.050	138	196695	103.200 ng/ul	92
66)	4,6-Dinitro-2-methylph...	16.068	198	199161	97.335 ng/ul#	95
67)	N-Nitrosodiphenylamine	16.197	169	886983	84.250 ng/ul	100
68)	4-Bromophenyl-phenylether	16.879	248	373504	71.851 ng/ul	92
69)	Hexachlorobenzene	16.967	284	424433	70.756 ng/ul	95
70)	Atrazine	17.137	200	339962	80.431 ng/ul	95
71)	Pentachlorophenol	17.319	266	274092	74.398 ng/ul	99
72)	Phenanthrene	17.748	178	1689240	81.281 ng/ul	99
74)	Anthracene	17.836	178	1690976	79.693 ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.747	216	519559	83.579 ng/uL	94
76)	Pentachlorobenzene	15.245	250	488558	77.981 ng/uL	99
77)	Carbazole	18.113	167	1476521	91.679 ng/ul	97
78)	Di-n-butylphthalate	18.624	149	1638926	113.200 ng/ul#	98
80)	Fluoranthene	19.734	202	1983488	69.542 ng/ul	98
82)	Pyrene	20.104	202	2037968	71.334 ng/ul#	97
83)	Butylbenzylphthalate	20.962	149	723924	146.140 ng/ul	97
84)	3,3'-Dichlorobenzidine	21.914	252	736173	83.287 ng/ul#	91
85)	Benzo(a)anthracene	22.008	228	2181316	79.173 ng/ul	97
86)	Bis(2-ethylhexyl)phtha...	21.849	149	1054875	136.510 ng/ul	100
87)	Chrysene	22.084	228	2012311	77.970 ng/ul	99
89)	Di-n-octyl phthalate	23.189	149	1806450	124.122 ng/ul	100
90)	Benzo(b)fluoranthene	24.446	252	2248658	80.123 ng/ul	96
91)	Benzo(k)fluoranthene	24.523	252	2233810	79.104 ng/ul	96
93)	Benzo(a)pyrene	25.439	252	2137784	81.409 ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	29.746	276	2732540m	83.466 ng/ul	
95)	Dibenzo(a,h)anthracene	29.834	278	2203972	82.787 ng/ul	97
96)	Benzo(g,h,i)perylene	31.062	276	2178110m	83.797 ng/ul	

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

Instrument :
BNA_G
ClientSampleId :
SSTD080411

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 : BG058959.D
Acq On : 10 Sep 2023 20:14
Operator : MA/JU
Sample : SSTD08011
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 10 23:30:31 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 :
SSTD080411

Manual IntegrationsAPPROVED

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