Quantitation Report (Qedit)

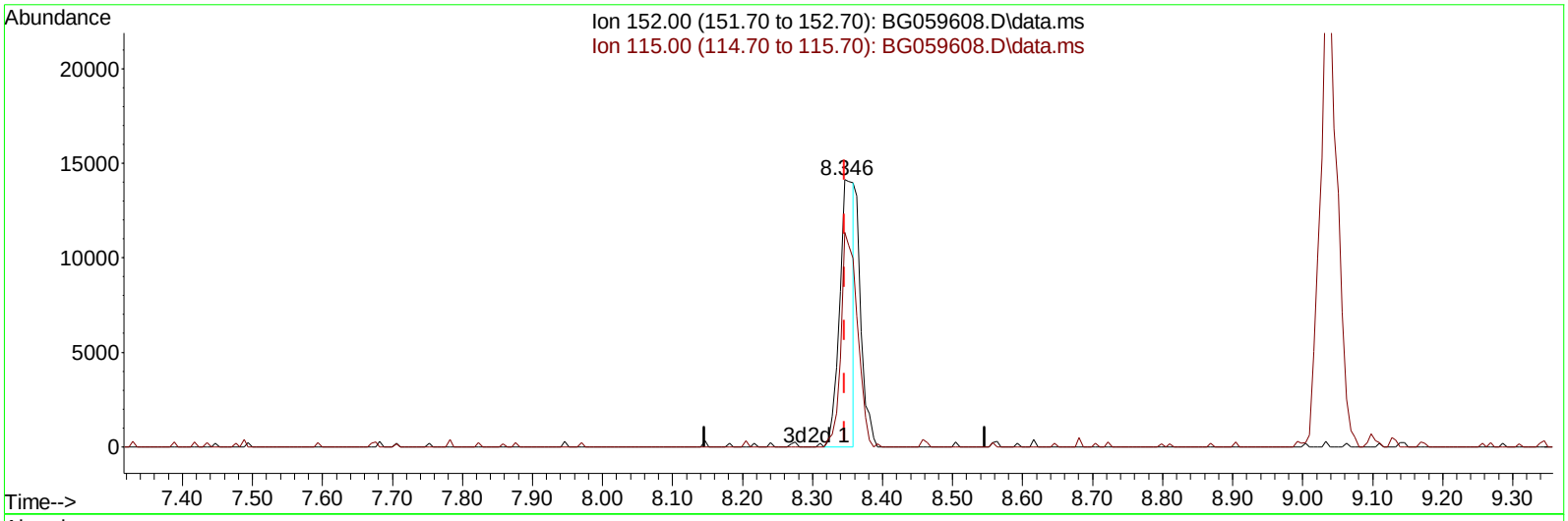
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110323\
Data File : BG059608.D
Acq On : 3 Nov 2023 20:24
Operator : MA/JU
Sample : SSTD02069
Misc :
ALS Vial : 4 Sample Multiplier: 1

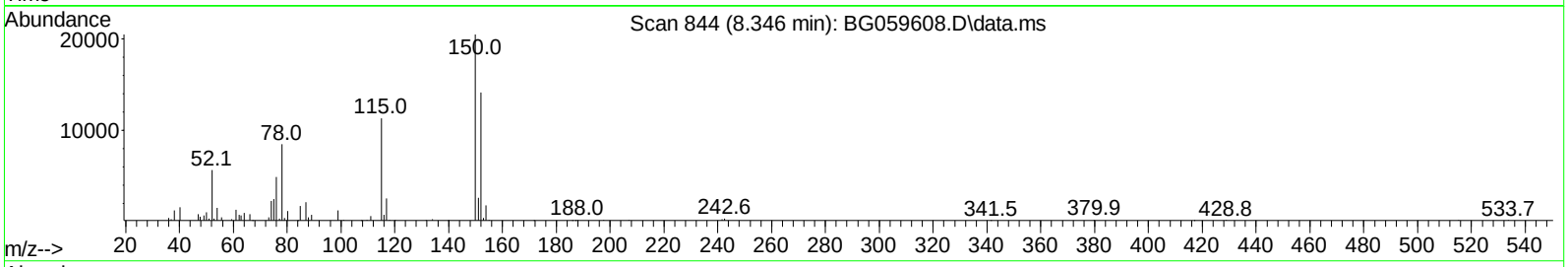
Quant Time: Nov 04 01:58:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 01:51:15 2023
Response via : Initial Calibration

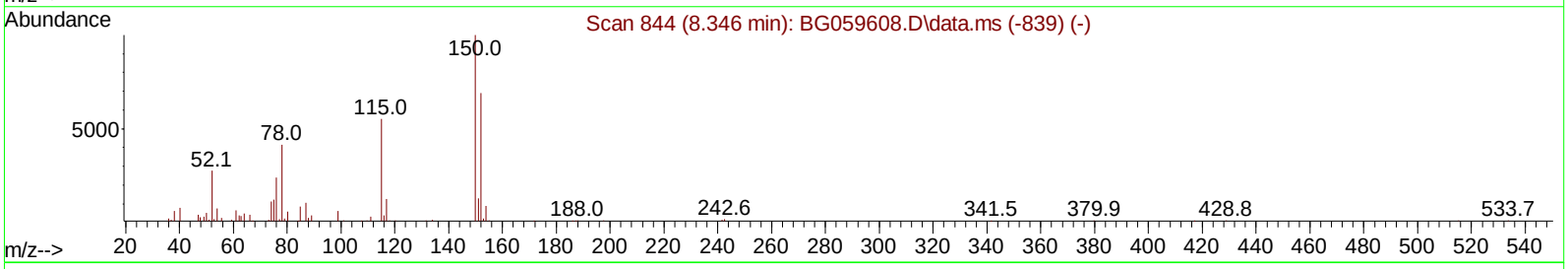
Instrument :
BNA_G
ClientSampleId :
SSTD020443

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/06/2023







TIC: BG059608.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

8.346min (-0.000) 20.00 ng/ul

response 19908

Ion	Exp%	Act%
152.00	100.00	100.00
115.00	80.40	80.39
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

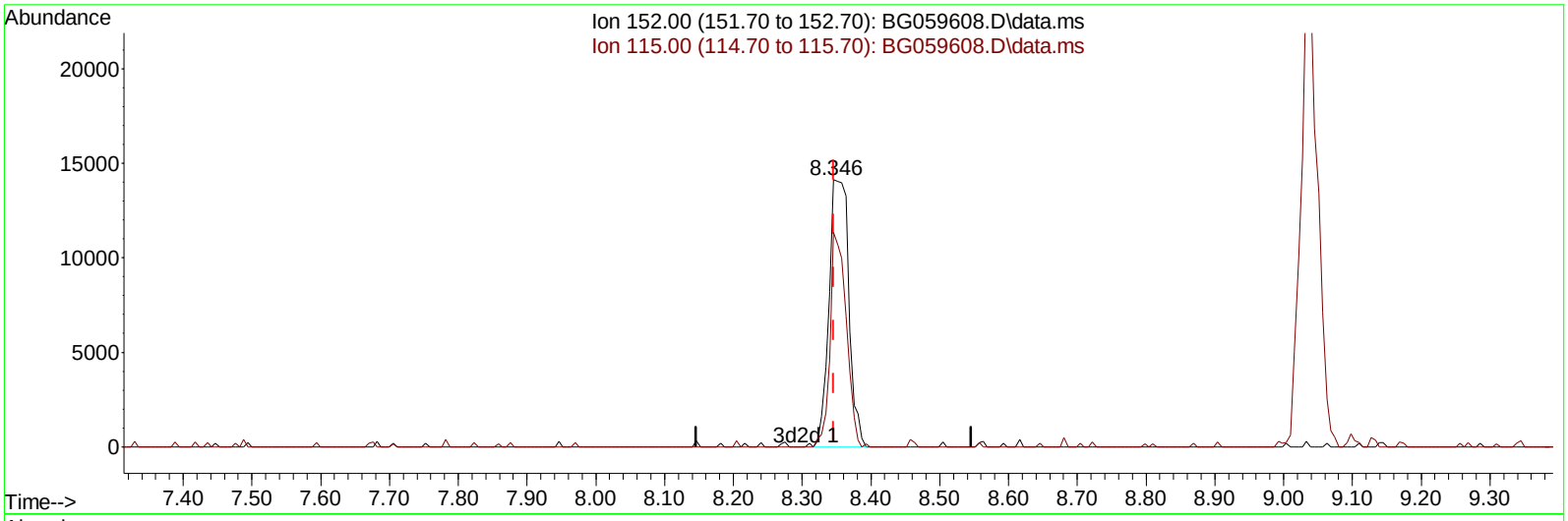
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110323\
Data File : BG059608.D
Acq On : 3 Nov 2023 20:24
Operator : MA/JU
Sample : SSTD02069
Misc :
ALS Vial : 4 Sample Multiplier: 1

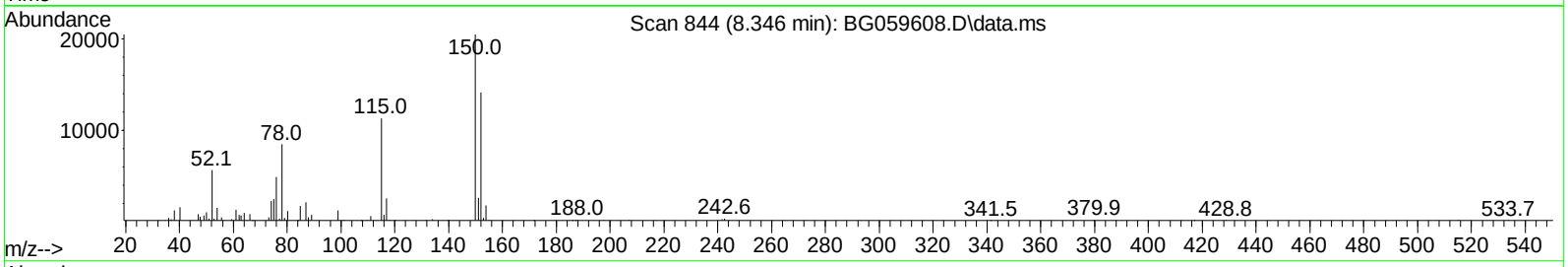
Quant Time: Nov 04 01:58:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 01:51:15 2023
Response via : Initial Calibration

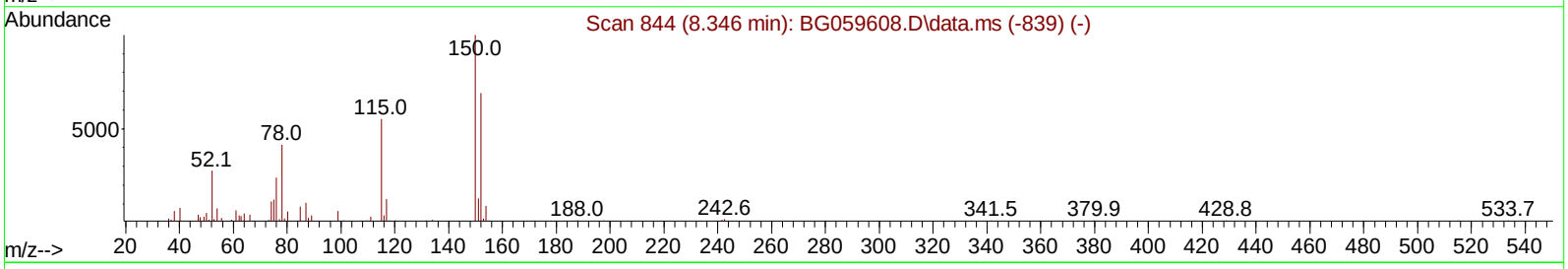
Instrument :
BNA_G
ClientSampleId :
SSTD020443

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/06/2023







TIC: BG059608.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

8.346min (-0.000) 20.00 ng/ul m

response 28284

Ion	Exp%	Act%
152.00	100.00	100.00
115.00	80.40	80.39
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

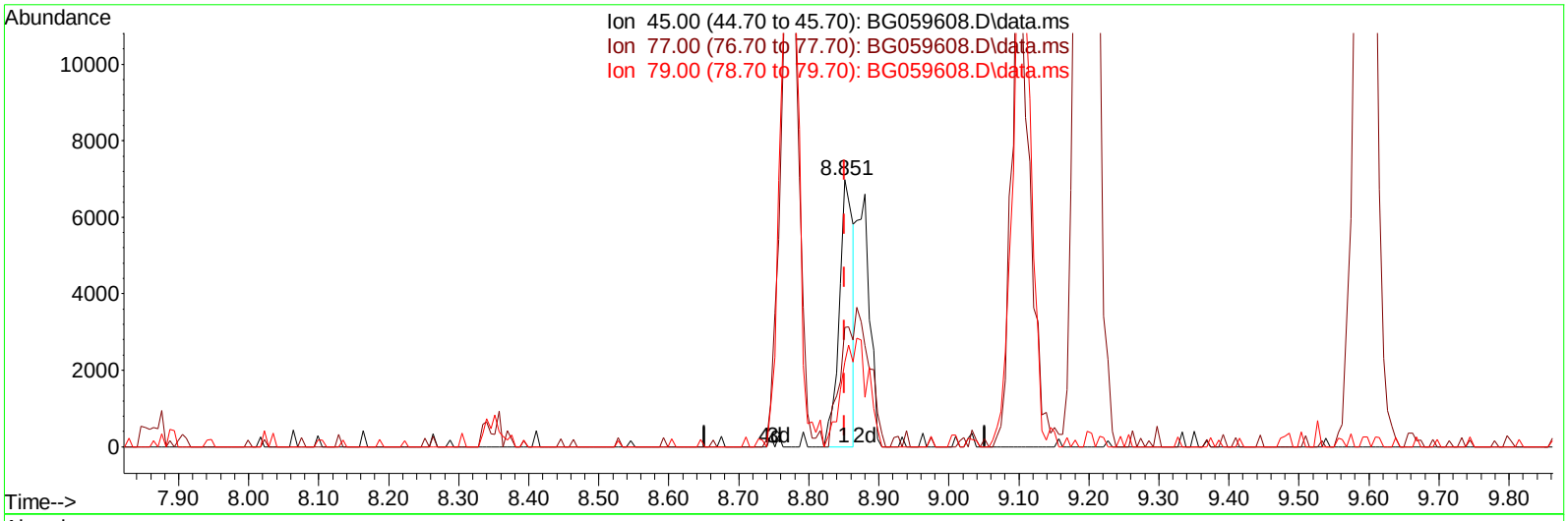
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110323\
Data File : BG059608.D
Acq On : 3 Nov 2023 20:24
Operator : MA/JU
Sample : SSTD02069
Misc :
ALS Vial : 4 Sample Multiplier: 1

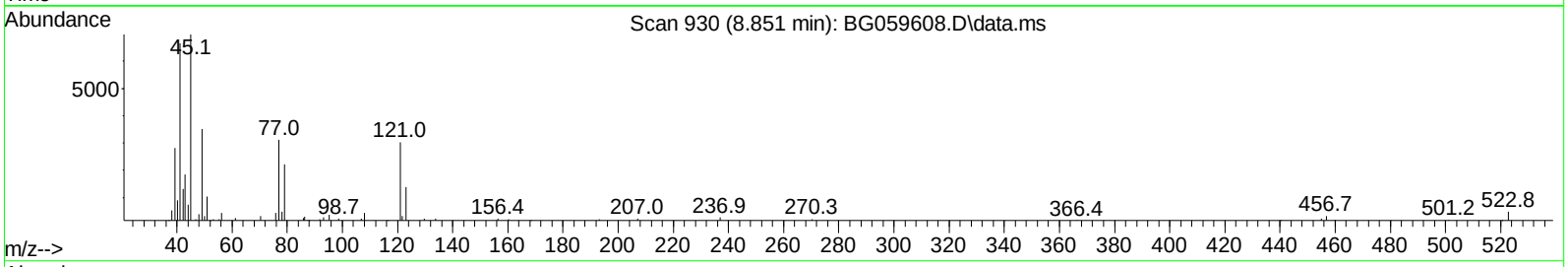
Quant Time: Nov 04 02:07:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 01:51:15 2023
Response via : Initial Calibration

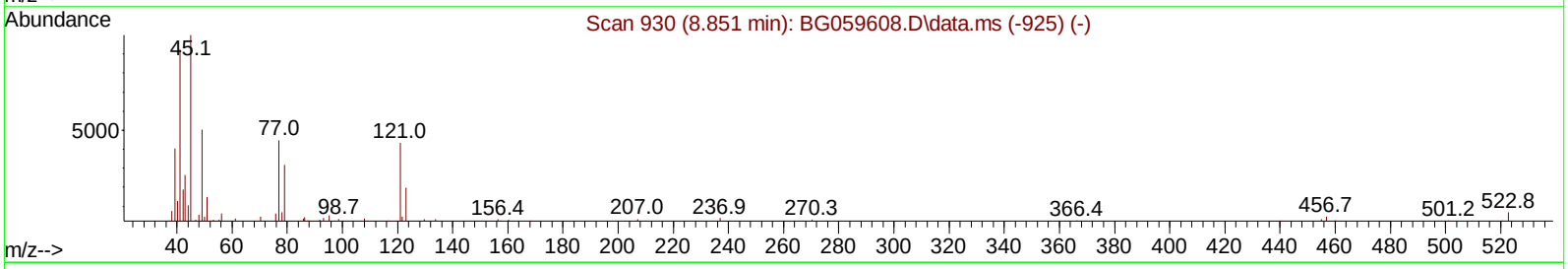
Instrument :
BNA_G
ClientSampleId :
SSTD020443

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/06/2023







TIC: BG059608.D\data.ms

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

8.851min (0.000) 5.83 ng/ul

response 9552

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	44.80	44.80
79.00	31.80	31.79
0.00	0.00	0.00

Quantitation Report (Qedit)

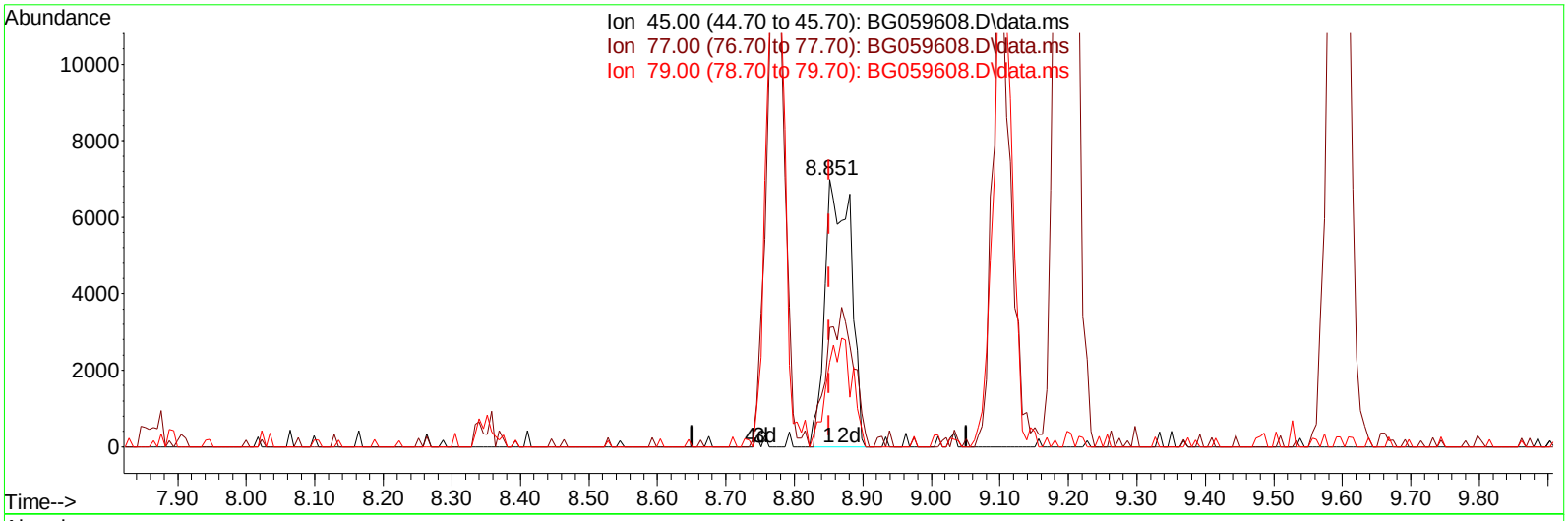
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110323\
Data File : BG059608.D
Acq On : 3 Nov 2023 20:24
Operator : MA/JU
Sample : SSTD02069
Misc :
ALS Vial : 4 Sample Multiplier: 1

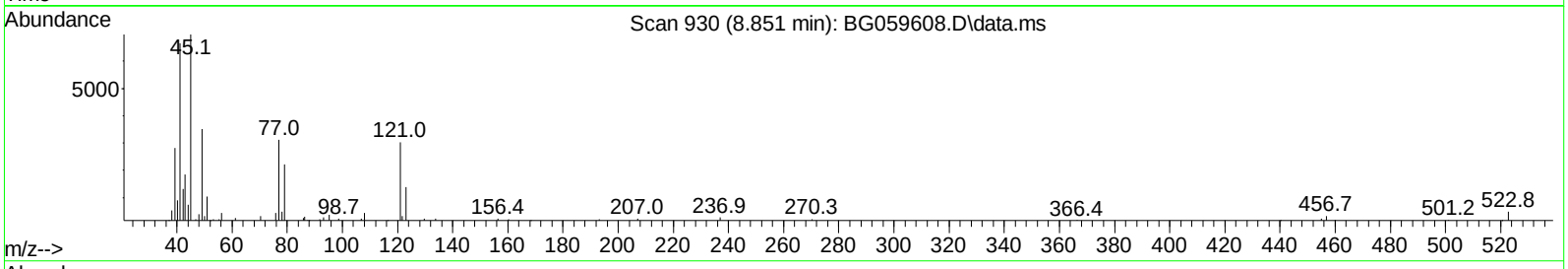
Quant Time: Nov 04 02:07:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 01:51:15 2023
Response via : Initial Calibration

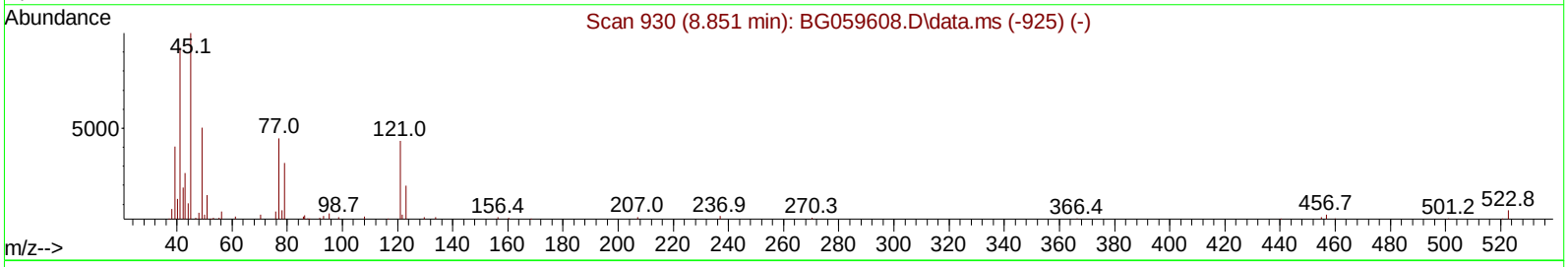
Instrument :
BNA_G
ClientSampleId :
SSTD020443

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/06/2023







TIC: BG059608.D\data.ms

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

8.851min (0.000) 11.11 ng/ul m

response 18188

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	44.80	44.80
79.00	31.80	31.79
0.00	0.00	0.00

Quantitation Report (Qedit)

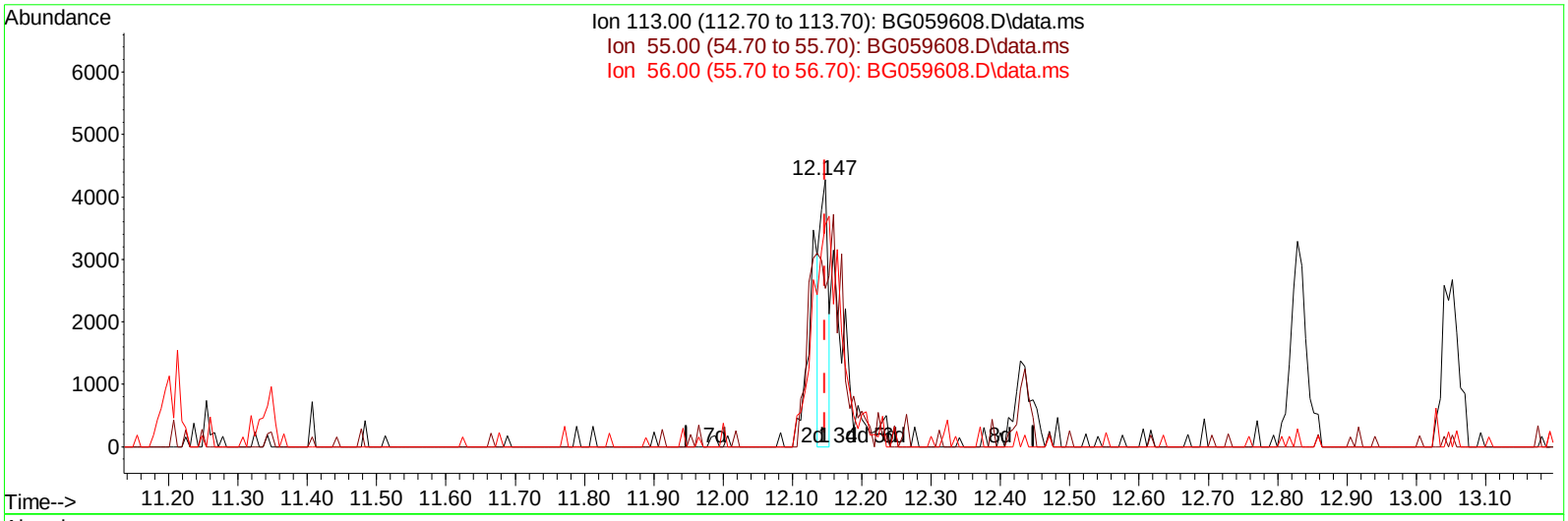
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110323\
Data File : BG059608.D
Acq On : 3 Nov 2023 20:24
Operator : MA/JU
Sample : SSTD02069
Misc :
ALS Vial : 4 Sample Multiplier: 1

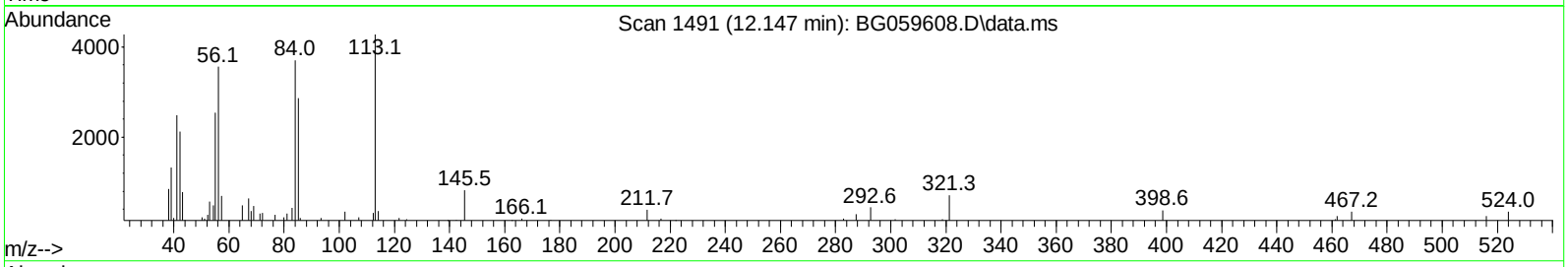
Quant Time: Nov 04 02:07:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 01:51:15 2023
Response via : Initial Calibration

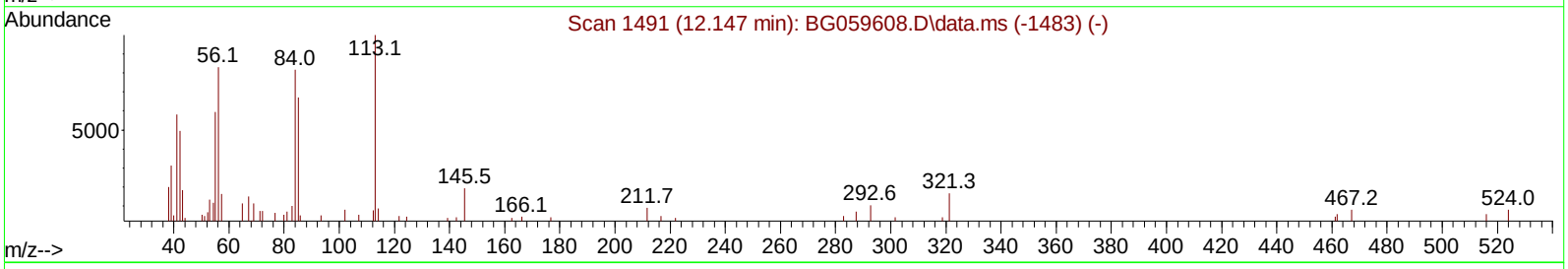
Instrument :
BNA_G
ClientSampleId :
SSTD020443

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/06/2023







TIC: BG059608.D\data.ms

(34) Caprolactam

12.147min (0.000) 5.12 ng/ul

response 3593

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	59.30	59.32
56.00	83.20	83.20
0.00	0.00	0.00

Quantitation Report (Qedit)

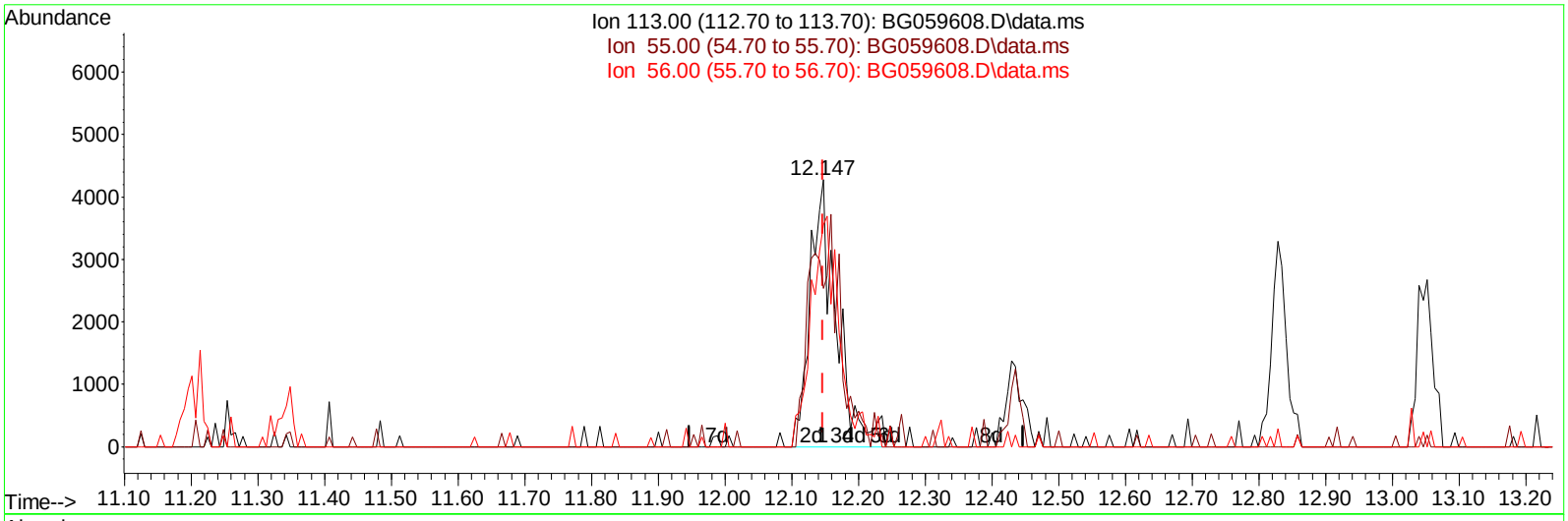
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110323\
Data File : BG059608.D
Acq On : 3 Nov 2023 20:24
Operator : MA/JU
Sample : SSTD02069
Misc :
ALS Vial : 4 Sample Multiplier: 1

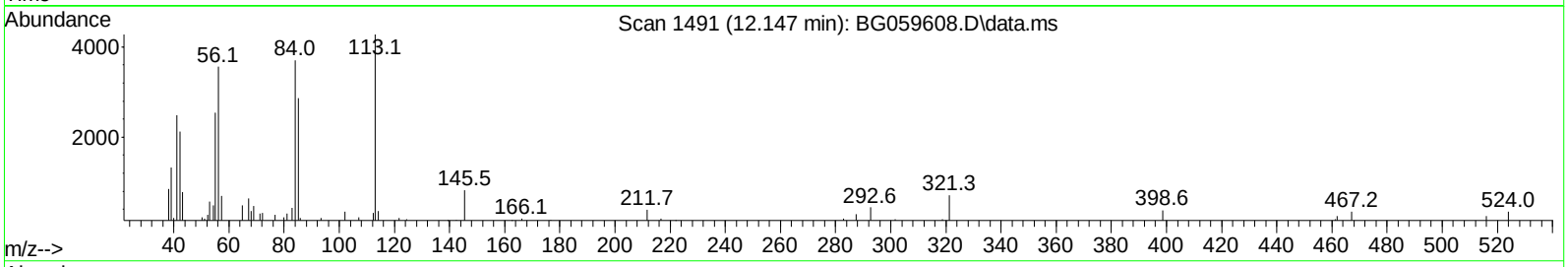
Quant Time: Nov 04 02:08:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 01:51:15 2023
Response via : Initial Calibration

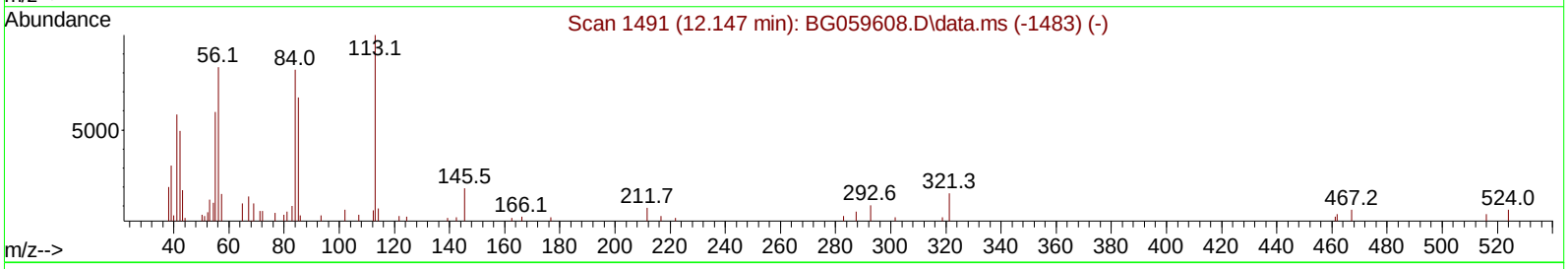
Instrument :
BNA_G
ClientSampleId :
SSTD020443

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/06/2023







TIC: BG059608.D\data.ms

(34) Caprolactam

12.147min (0.000) 16.87 ng/ul m

response 11831

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	59.30	59.32
56.00	83.20	83.20
0.00	0.00	0.00

Quantitation Report (Qedit)

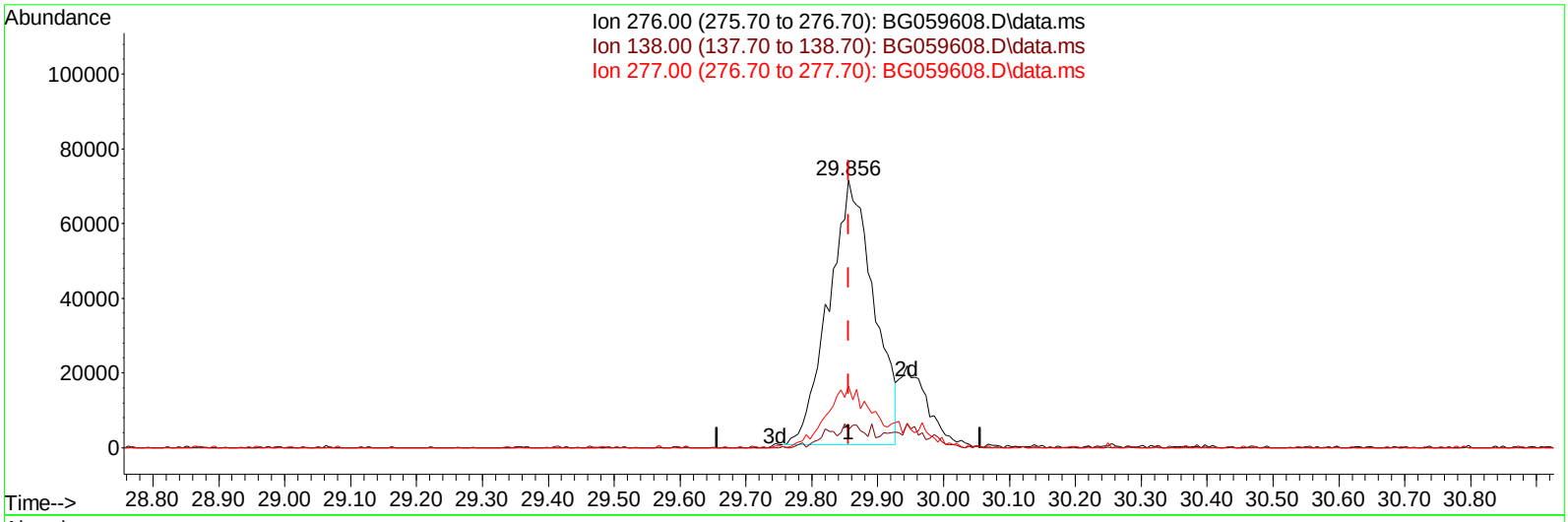
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110323\
Data File : BG059608.D
Acq On : 3 Nov 2023 20:24
Operator : MA/JU
Sample : SSTD02069
Misc :
ALS Vial : 4 Sample Multiplier: 1

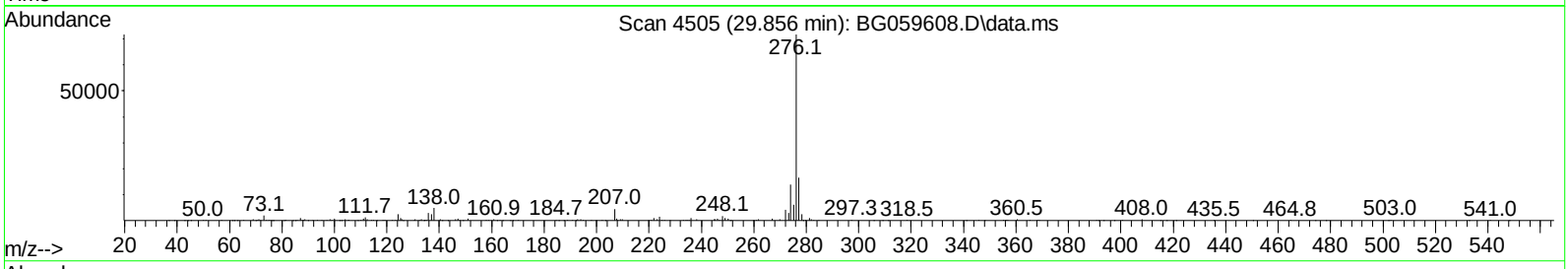
Quant Time: Nov 04 02:08:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 01:51:15 2023
Response via : Initial Calibration

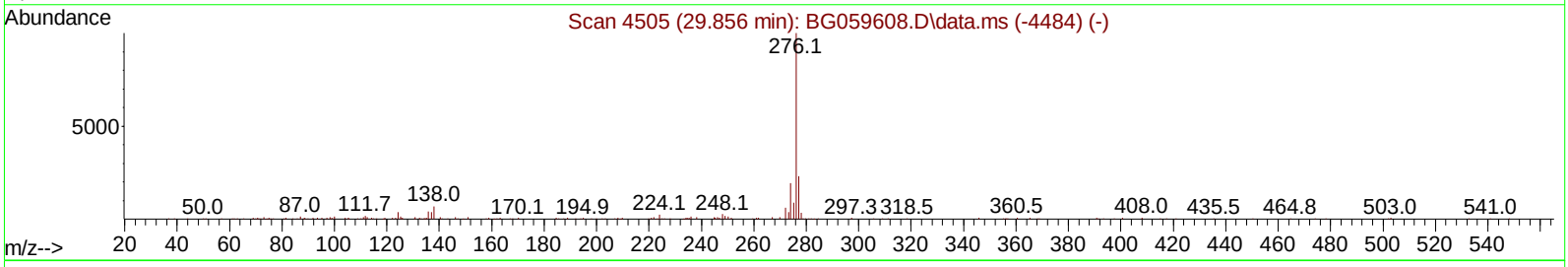
Instrument :
BNA_G
ClientSampleId :
SSTD020443

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/06/2023







TIC: BG059608.D\data.ms

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

29.856min (0.000) 15.58 ng/ul

response 334753

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.80	6.83
277.00	23.10	23.07
0.00	0.00	0.00

Quantitation Report (Qedit)

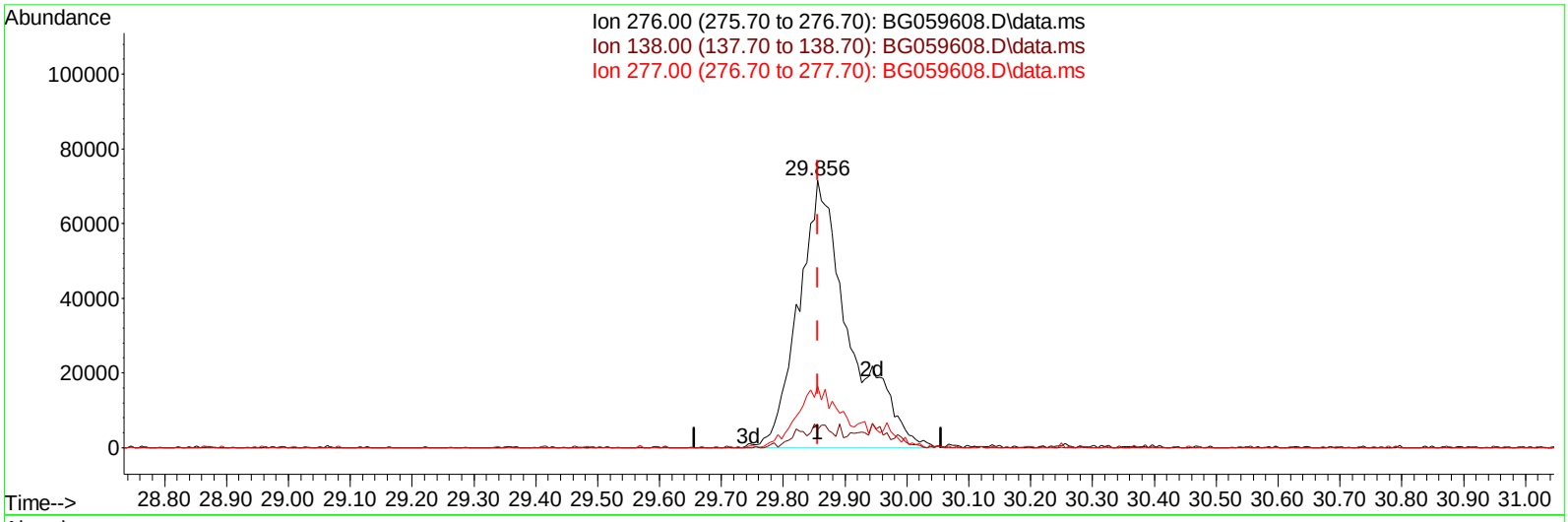
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110323\
Data File : BG059608.D
Acq On : 3 Nov 2023 20:24
Operator : MA/JU
Sample : SSTD02069
Misc :
ALS Vial : 4 Sample Multiplier: 1

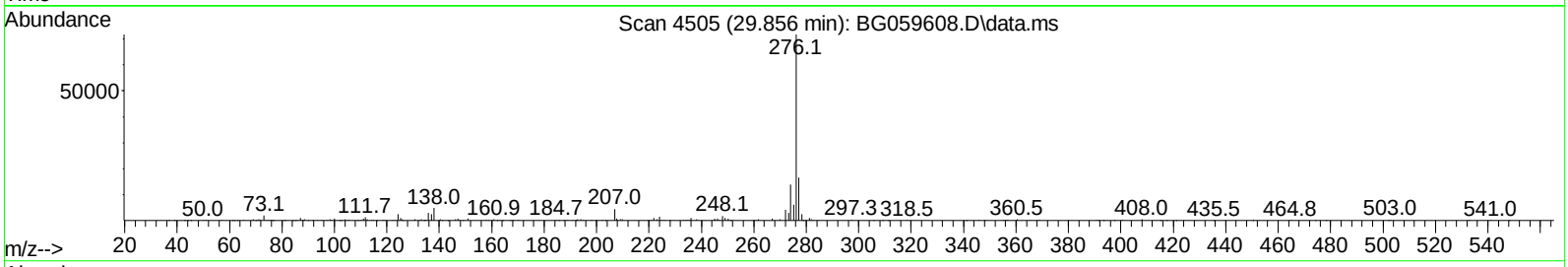
Quant Time: Nov 04 02:08:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 01:51:15 2023
Response via : Initial Calibration

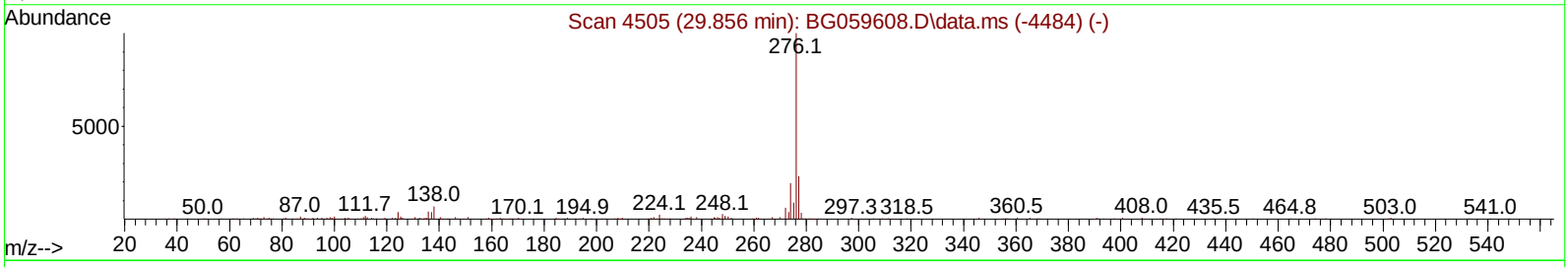
Instrument :
BNA_G
ClientSampleId :
SSTD020443

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/06/2023







TIC: BG059608.D\data.ms

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

29.856min (0.000) 19.11 ng/ul m

response 410597

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.80	6.83
277.00	23.10	23.07
0.00	0.00	0.00

Quantitation Report (Qedit)

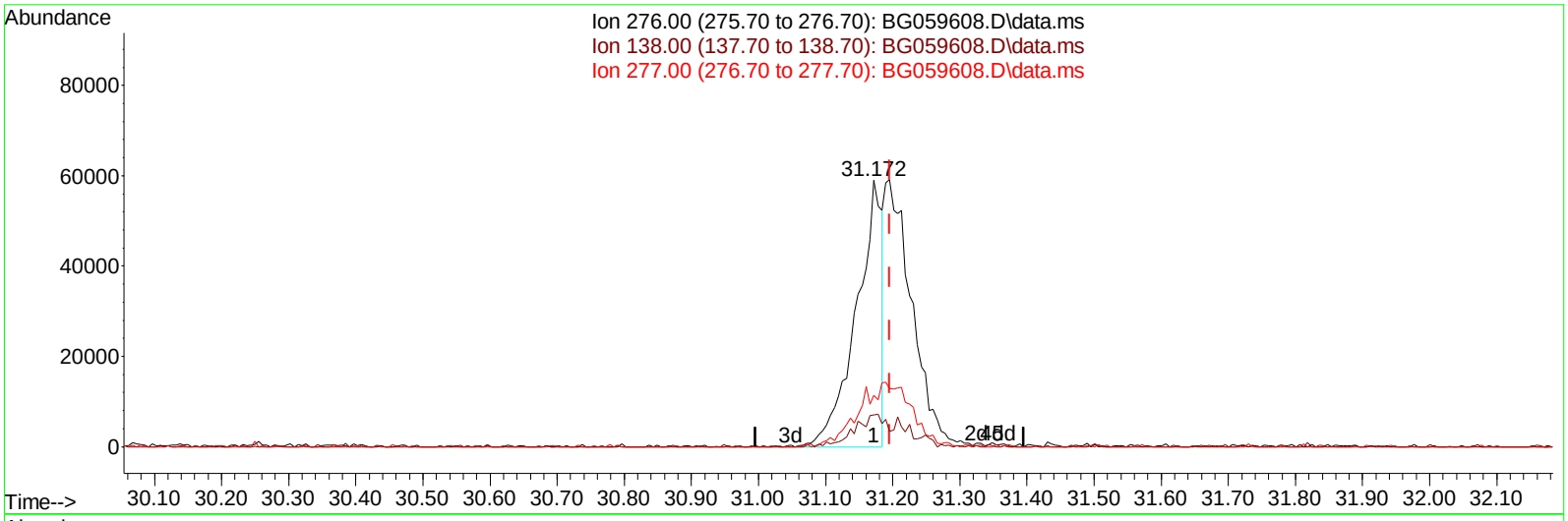
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110323\
Data File : BG059608.D
Acq On : 3 Nov 2023 20:24
Operator : MA/JU
Sample : SSTD02069
Misc :
ALS Vial : 4 Sample Multiplier: 1

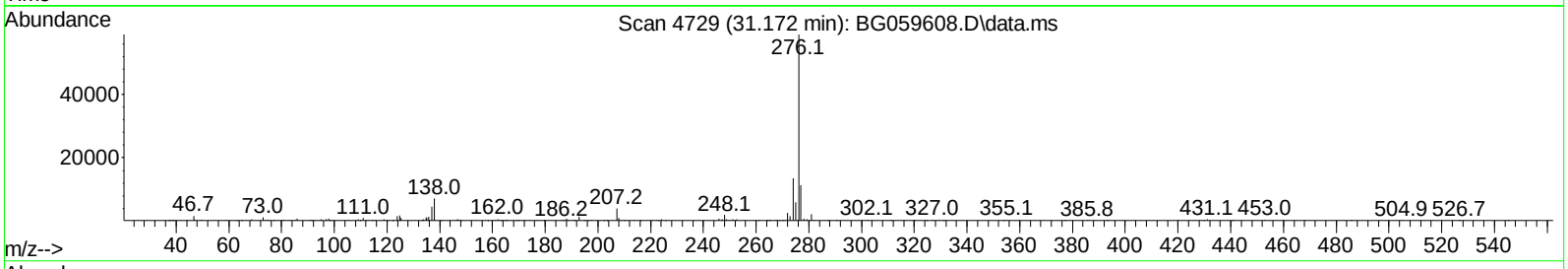
Quant Time: Nov 04 02:08:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 01:51:15 2023
Response via : Initial Calibration

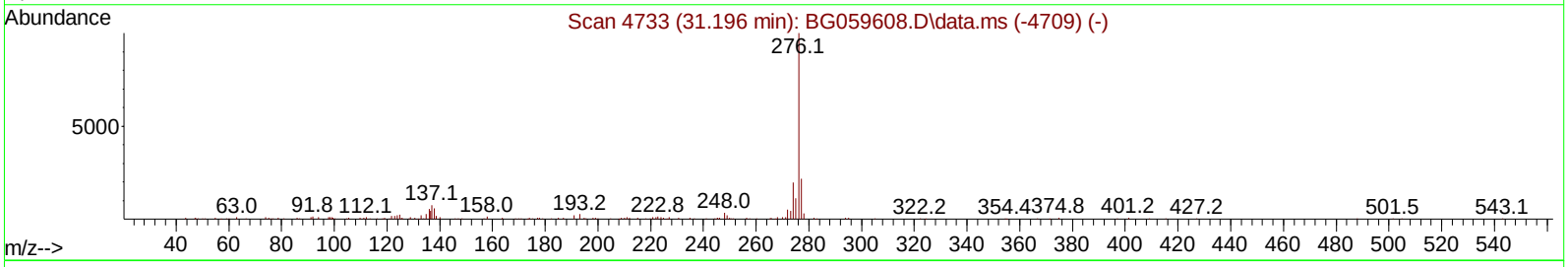
Instrument :
BNA_G
ClientSampleId :
SSTD020443

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/06/2023







TIC: BG059608.D\data.ms

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

31.172min (-0.024) 8.85 ng/ul

response 156091

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	5.70	11.99#
277.00	21.90	19.32
0.00	0.00	0.00

Quantitation Report (Qedit)

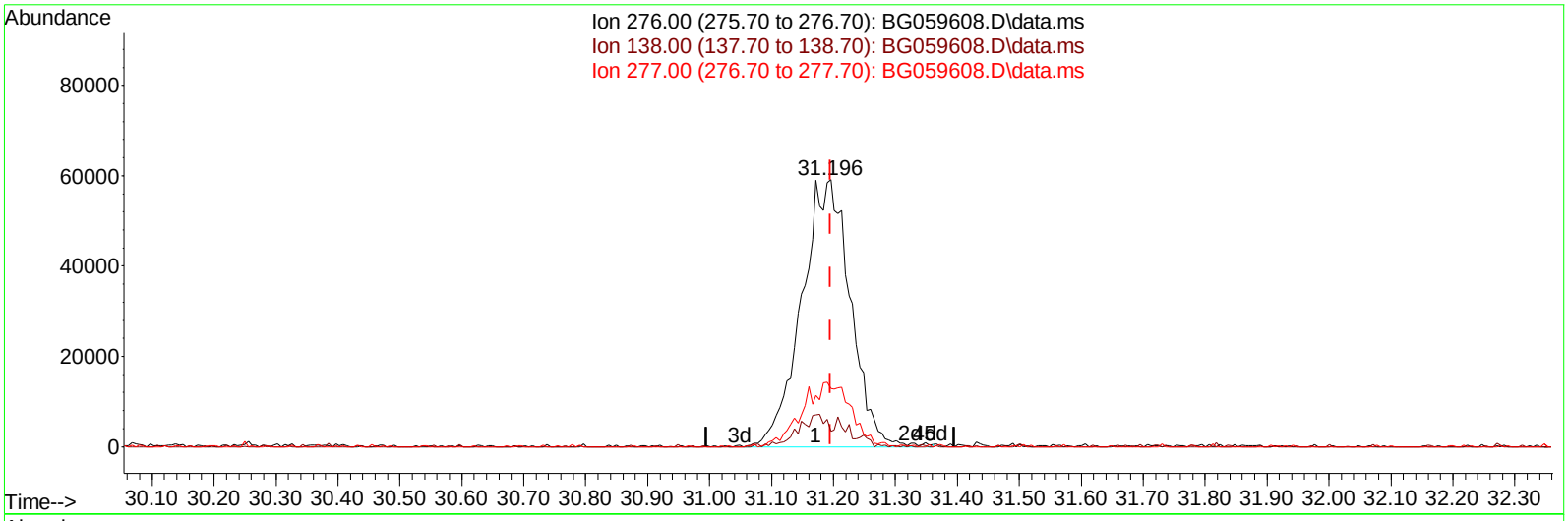
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110323\
Data File : BG059608.D
Acq On : 3 Nov 2023 20:24
Operator : MA/JU
Sample : SSTD02069
Misc :
ALS Vial : 4 Sample Multiplier: 1

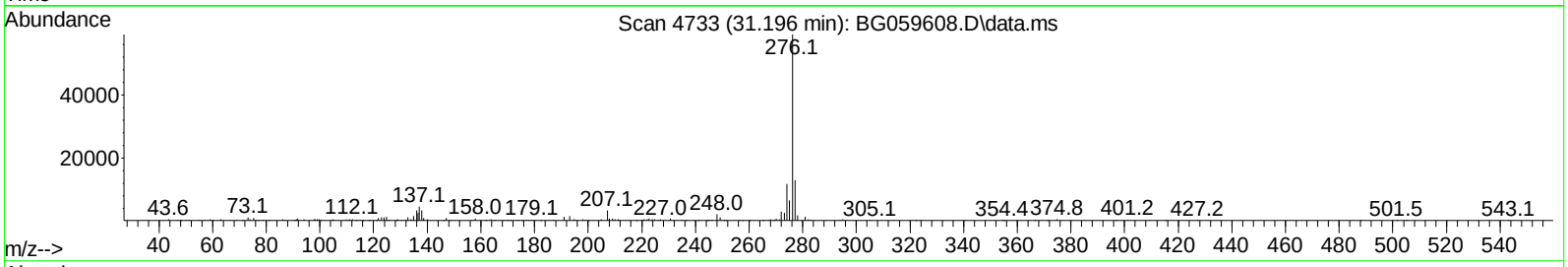
Quant Time: Nov 04 02:08:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 01:51:15 2023
Response via : Initial Calibration

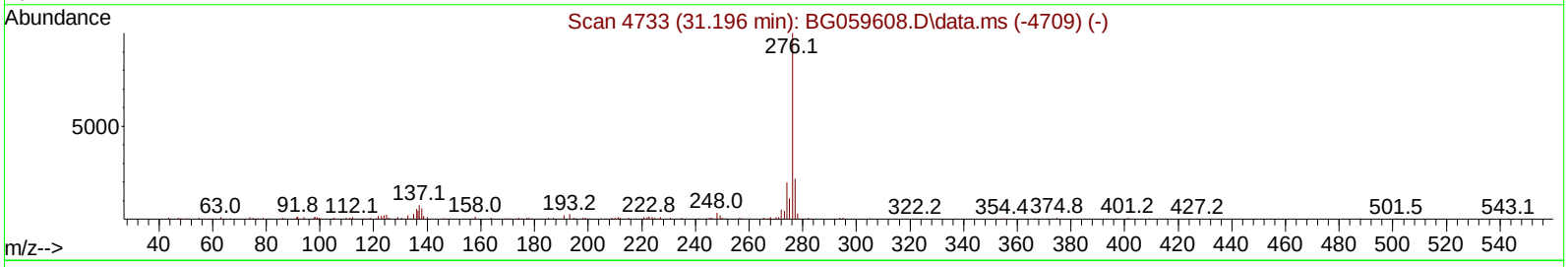
Instrument :
BNA_G
ClientSampleId :
SSTD020443

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/06/2023







TIC: BG059608.D\data.ms

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

31.196min (0.000) 18.32 ng/ul m

response 323187

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	5.70	5.69
277.00	21.90	21.86
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110323\
Data File : BG059608.D
Acq On : 3 Nov 2023 20:24
Operator : MA/JU
Sample : SSTD02069
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 04 02:09:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 01:51:15 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020443

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.346	152	28284m	20.000	ng/ul	0.00
20) Naphthalene-d8	11.201	136	130276	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.985	164	88740	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.735	188	206026	20.000	ng/ul	0.00
79) Chrysene-d12	22.071	240	176853	20.000	ng/ul	0.00
88) Perylene-d12	25.678	264	250172	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.645	96	5439	7.479	ng/uL	0.00
4) Pyridine-d5	4.080	84	41675	20.218	ng/ul	0.00
7) Phenol-d5	7.465	99	55441	19.717	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.670	67	29903	22.186	ng/ul	0.00
11) 2-Chlorophenol-d4	7.870	132	36695	16.601	ng/ul	0.00
15) 4-Methylphenol-d8	9.039	113	43306	19.333	ng/ul	0.00
21) Nitrobenzene-d5	9.550	128	18732	20.155	ng/ul	0.00
24) 2-Nitrophenol-d4	10.267	143	20871	21.462	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.796	165	40560	19.666	ng/ul	0.00
31) 4-Chloroaniline-d4	11.342	131	62846	18.808	ng/ul	0.00
46) Dimethylphthalate-d6	14.374	166	144140	18.412	ng/ul	0.00
49) Acenaphthylene-d8	14.685	160	173370	18.784	ng/ul	0.00
54) 4-Nitrophenol-d4	15.156	143	23411	17.547	ng/ul	0.00
60) Fluorene-d10	15.972	176	137866	20.134	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.072	200	23303	22.584	ng/ul	0.00
73) Anthracene-d10	17.835	188	213675	19.327	ng/ul	0.00
81) Pyrene-d10	20.103	212	225082	18.552	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.420	264	283971	19.395	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.687	88	6774	7.948	ng/uL	100
5) Pyridine	4.104	79	45483	21.875	ng/ul	100
6) Benzaldehyde	7.494	77	38584	28.338	ng/ul	100
8) Phenol	7.494	94	52735	19.928	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.770	93	38615	19.730	ng/ul	100
12) 2-Chlorophenol	7.905	128	37440	16.727	ng/ul	100
13) 2-Methylphenol	8.775	108	45698	20.438	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.851	45	18188m	11.108	ng/ul	
16) Acetophenone	9.198	105	83007	22.585	ng/ul	100
17) N-Nitroso-di-n-propyla...	9.163	70	41291	23.310	ng/ul	100
18) 4-Methylphenol	9.104	108	47037	19.747	ng/ul	100
19) Hexachloroethane	9.445	117	16955	18.733	ng/ul	100
22) Nitrobenzene	9.597	77	55610	25.939	ng/ul	100
23) Isophorone	10.103	82	130174	24.574	ng/ul	100
25) 2-Nitrophenol	10.308	139	23788	22.695	ng/ul	100
26) 2,4-Dimethylphenol	10.326	107	59928	21.893	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.590	93	53351	19.357	ng/ul	100
29) 2,4-Dichlorophenol	10.825	162	38087	19.273	ng/ul	100
30) Naphthalene	11.254	128	150199	18.896	ng/ul	100
32) 4-Chloroaniline	11.366	127	58661	18.504	ng/ul	100
33) Hexachlorobutadiene	11.483	225	25791	20.964	ng/ul	100
34) Caprolactam	12.147	113	11831m	16.866	ng/ul	
35) 4-Chloro-3-methylphenol	12.429	107	51813	21.270	ng/ul	100

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110323\
Data File : BG059608.D
Acq On : 3 Nov 2023 20:24
Operator : MA/JU
Sample : SSTD02069
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 04 02:09:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 01:51:15 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020443

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.835	142	110294	19.897	ng/ul	100
37) 1-Methylnaphthalene	13.046	142	113650	20.402	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.176	216	48008	18.992	ng/ul	100
40) Hexachlorocyclopentadiene	13.128	237	31311	20.950	ng/ul	100
41) 2,4,6-Trichlorophenol	13.416	196	30462	17.895	ng/ul	100
42) 2,4,5-Trichlorophenol	13.481	196	33828	18.025	ng/ul	100
43) 1,1'-Biphenyl	13.822	154	157676	19.757	ng/ul	100
44) 2-Chloronaphthalene	13.875	162	117532	19.129	ng/ul	100
45) 2-Nitroaniline	14.086	65	26051	21.839	ng/ul	100
47) Dimethylphthalate	14.427	163	147780	18.845	ng/ul	100
48) 2,6-Dinitrotoluene	14.568	165	24373	20.195	ng/ul	100
50) Acenaphthylene	14.715	152	195517	18.394	ng/ul	100
51) 3-Nitroaniline	14.903	138	29329	19.789	ng/ul	100
52) Acenaphthene	15.044	153	128640	18.506	ng/ul	100
53) 2,4-Dinitrophenol	15.103	184	17010	23.477	ng/ul	100
55) 4-Nitrophenol	15.167	109	40070	24.721	ng/ul	100
56) Dibenzofuran	15.379	168	173927	19.220	ng/ul	100
57) 2,4-Dinitrotoluene	15.338	165	42792	24.035	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.584	232	30184	19.969	ng/ul	100
59) Diethylphthalate	15.772	149	152755	18.077	ng/ul	100
61) Fluorene	16.025	166	149213	19.087	ng/ul	100
62) 4-Chlorophenyl-phenyle...	16.007	204	73578	21.221	ng/ul	100
63) 4-Nitroaniline	16.060	138	28566	18.669	ng/ul	100
66) 4,6-Dinitro-2-methylph...	16.090	198	24440	22.491	ng/ul	100
67) N-Nitrosodiphenylamine	16.231	169	132375	18.994	ng/ul	100
68) 4-Bromophenyl-phenylether	16.906	248	45004	21.445	ng/ul	100
69) Hexachlorobenzene	16.995	284	43269	18.403	ng/ul	100
70) Atrazine	17.159	200	46010	20.991	ng/ul	100
71) Pentachlorophenol	17.353	266	26579	19.479	ng/ul	100
72) Phenanthrene	17.776	178	243875	18.434	ng/ul	100
74) Anthracene	17.870	178	252291	18.910	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.781	216	46410	17.398	ng/uL	100
76) Pentachlorobenzene	15.273	250	51550	19.839	ng/uL	100
77) Carbazole	18.140	167	219026	19.398	ng/ul	100
78) Di-n-butylphthalate	18.651	149	247683	16.280	ng/ul	100
80) Fluoranthene	19.768	202	278548	18.774	ng/ul	100
82) Pyrene	20.132	202	288658	18.750	ng/ul	100
83) Butylbenzylphthalate	20.996	149	108418	16.111	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.959	252	91745	20.282	ng/ul	100
85) Benzo(a)anthracene	22.047	228	279737	19.179	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.889	149	156962	15.756	ng/ul	100
87) Chrysene	22.124	228	256602	19.133	ng/ul	100
89) Di-n-octyl phthalate	23.234	149	265399	13.337	ng/ul	100
90) Benzo(b)fluoranthene	24.503	252	298665	17.113	ng/ul	100
91) Benzo(k)fluoranthene	24.586	252	311084	17.648	ng/ul	100
93) Benzo(a)pyrene	25.508	252	325590	19.070	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.856	276	410597m	19.113	ng/ul	
95) Dibenzo(a,h)anthracene	29.950	278	334967	18.758	ng/ul	100
96) Benzo(g,h,i)perylene	31.196	276	323187m	18.321	ng/ul	

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

Instrument :
BNA_G
ClientSampleId :
SSTD020443

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/06/2023

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Data File : BG059608.D
Acq On : 3 Nov 2023 20:24
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/06/2023
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