Quantitation Report (Qedit)

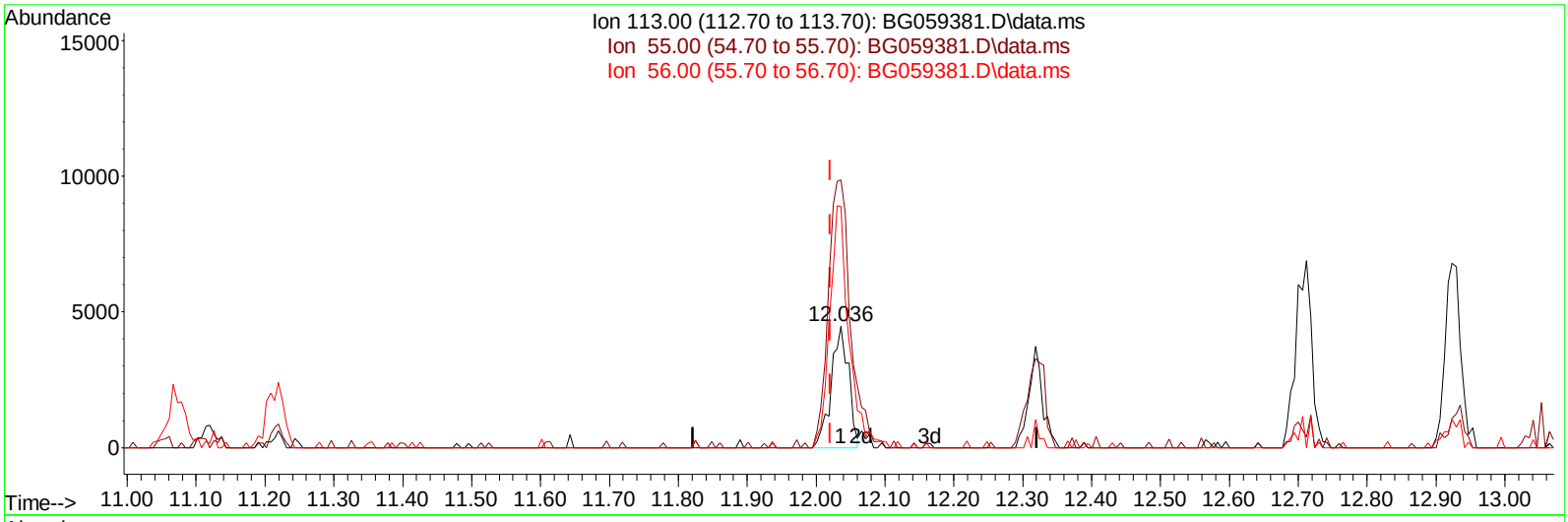
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059381.D
Acq On : 8 Oct 2023 18:34
Operator : MA/JU
Sample : 04654-03MSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

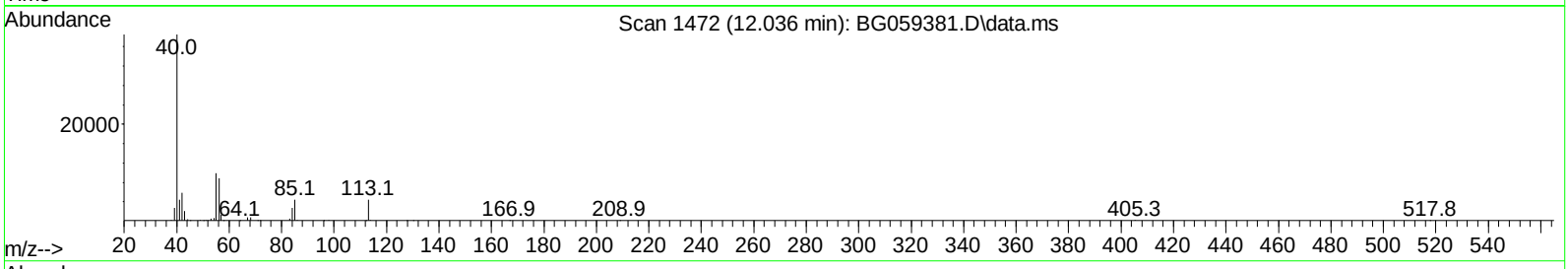
Quant Time: Oct 09 01:03:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

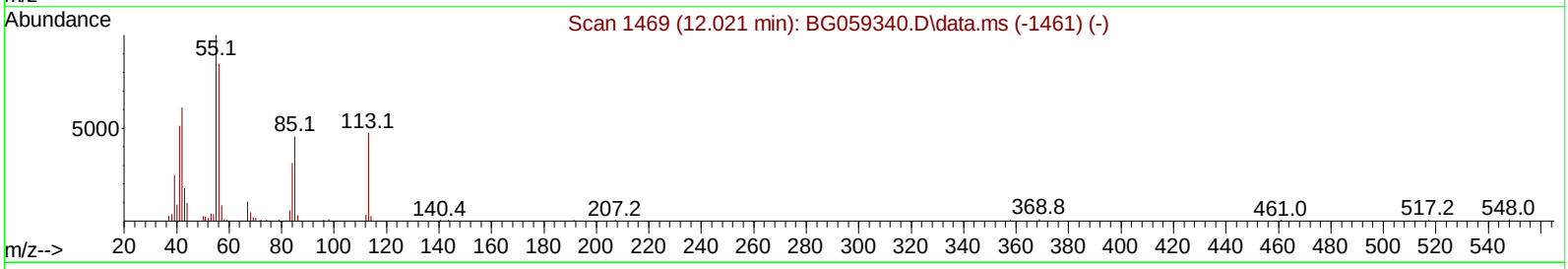
Instrument :
BNA_G
ClientSampleId :
BBJJ7MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/09/2023
Supervised By :mohammad ahmed 10/09/2023







TIC: BG059381.D\data.ms

(34) Caprolactam

12.036min (+ 0.015) 4.95 ng/ul

response 7851

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	211.40	220.19
56.00	177.10	198.32
0.00	0.00	0.00

Quantitation Report (Qedit)

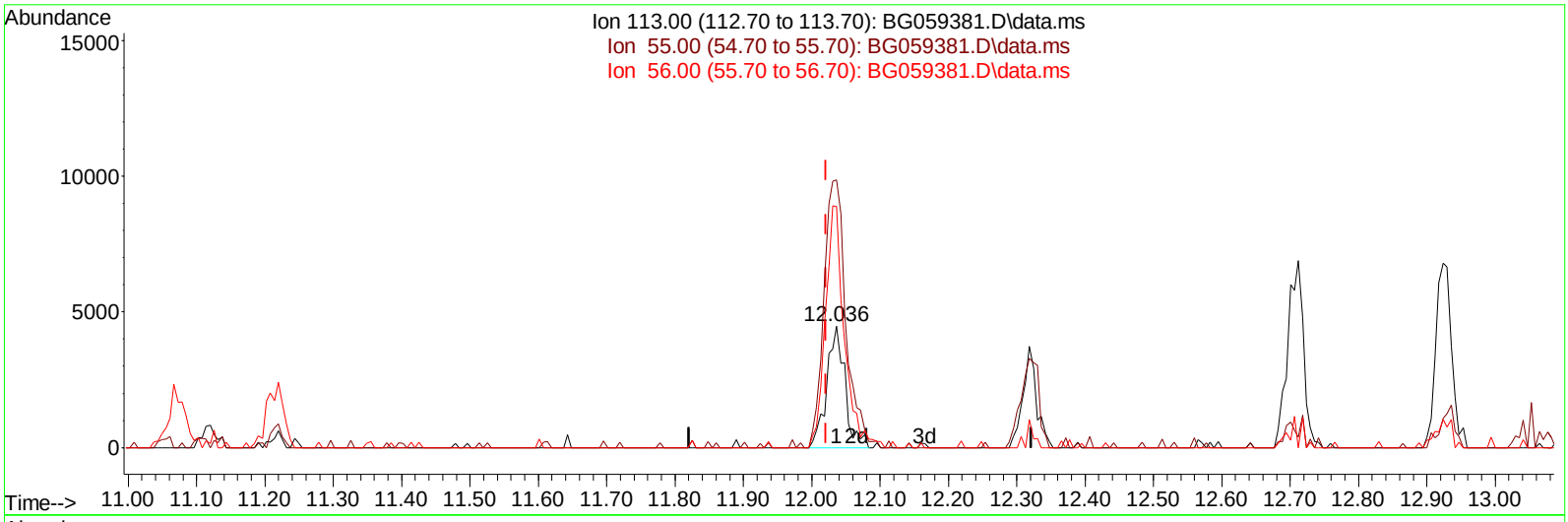
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059381.D
Acq On : 8 Oct 2023 18:34
Operator : MA/JU
Sample : 04654-03MSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

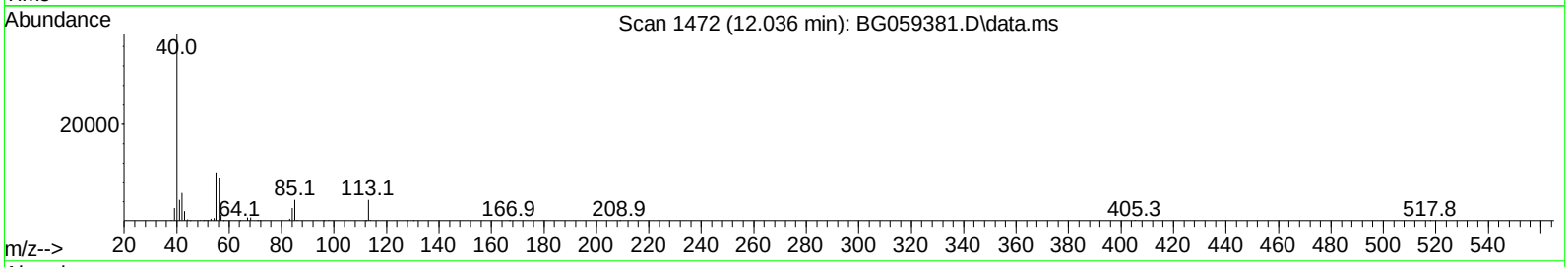
Quant Time: Oct 09 01:03:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

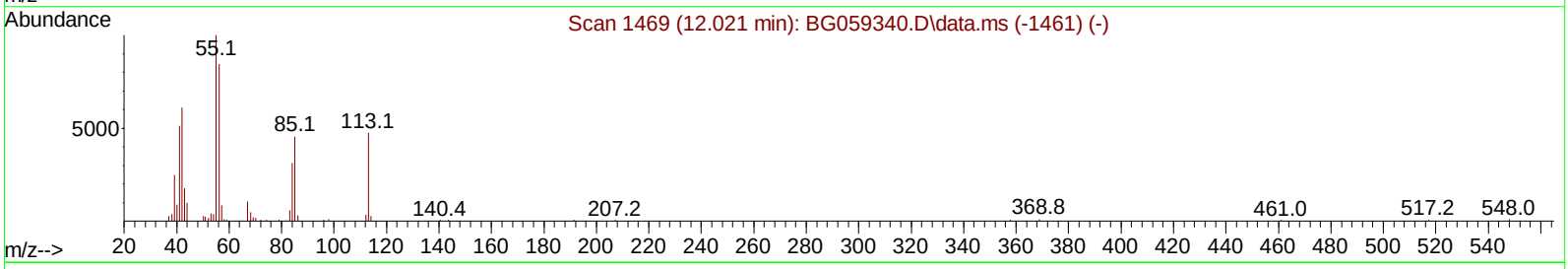
Instrument :
BNA_G
ClientSampleId :
BBJJ7MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/09/2023
Supervised By :mohammad ahmed 10/09/2023







TIC: BG059381.D\data.ms

(34) Caprolactam

12.036min (+ 0.015) 5.27 ng/ul m

response 8354

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	211.40	220.19
56.00	177.10	198.32
0.00	0.00	0.00

Quantitation Report (Qedit)

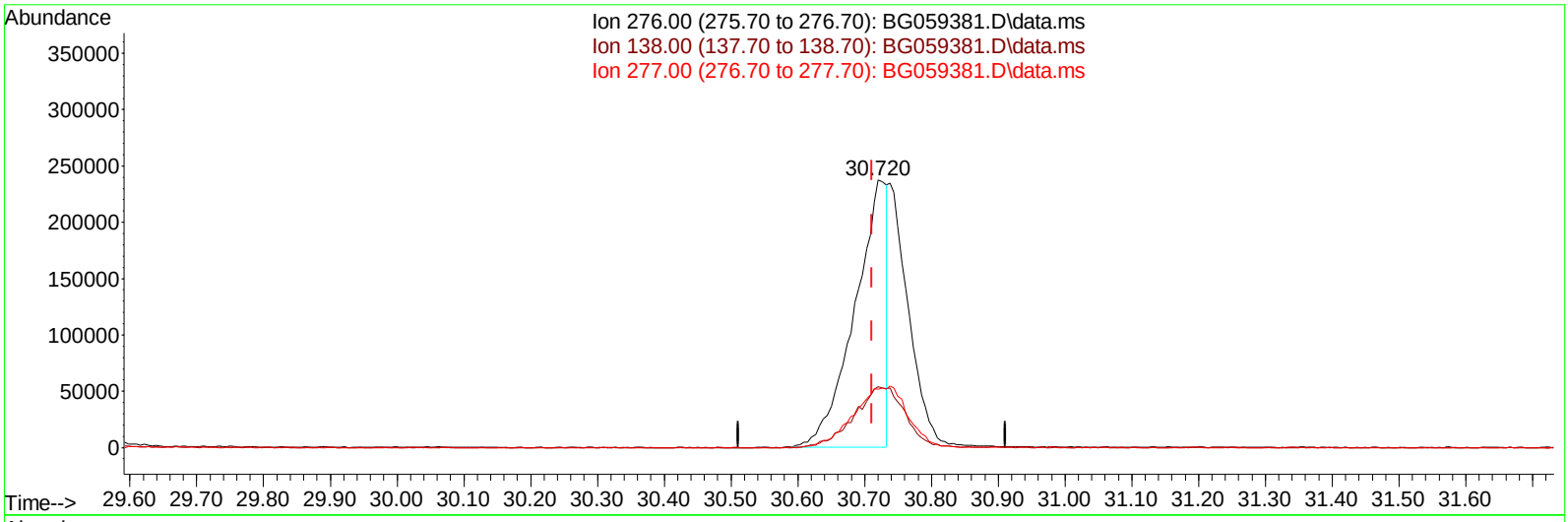
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059381.D
Acq On : 8 Oct 2023 18:34
Operator : MA/JU
Sample : 04654-03MSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

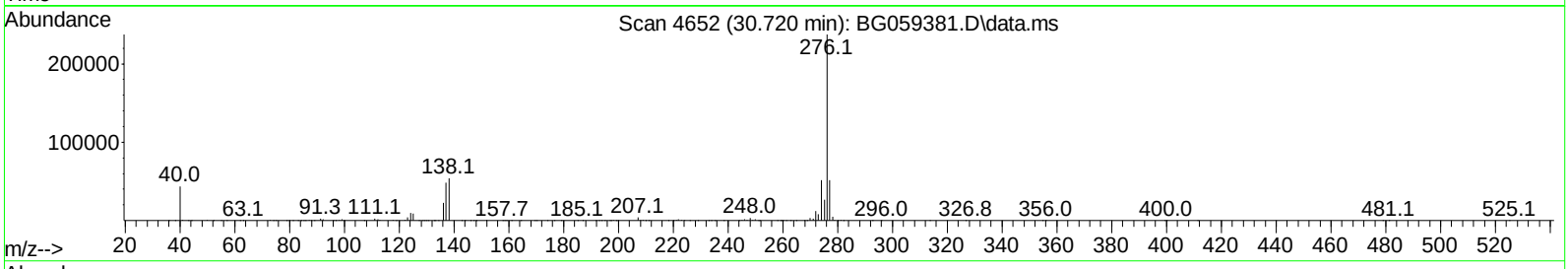
Quant Time: Oct 09 01:03:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

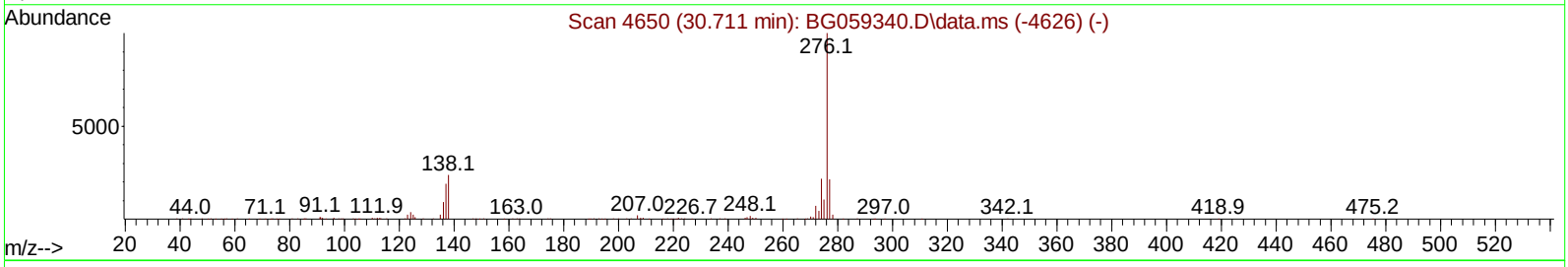
Instrument :
BNA_G
ClientSampleId :
BBJJ7MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/09/2023
Supervised By :mohammad ahmed 10/09/2023







TIC: BG059381.D\data.ms

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

30.720min (+ 0.009) 33.97 ng/ul

response 783427

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.70	22.83
277.00	21.50	21.81
0.00	0.00	0.00

Quantitation Report (Qedit)

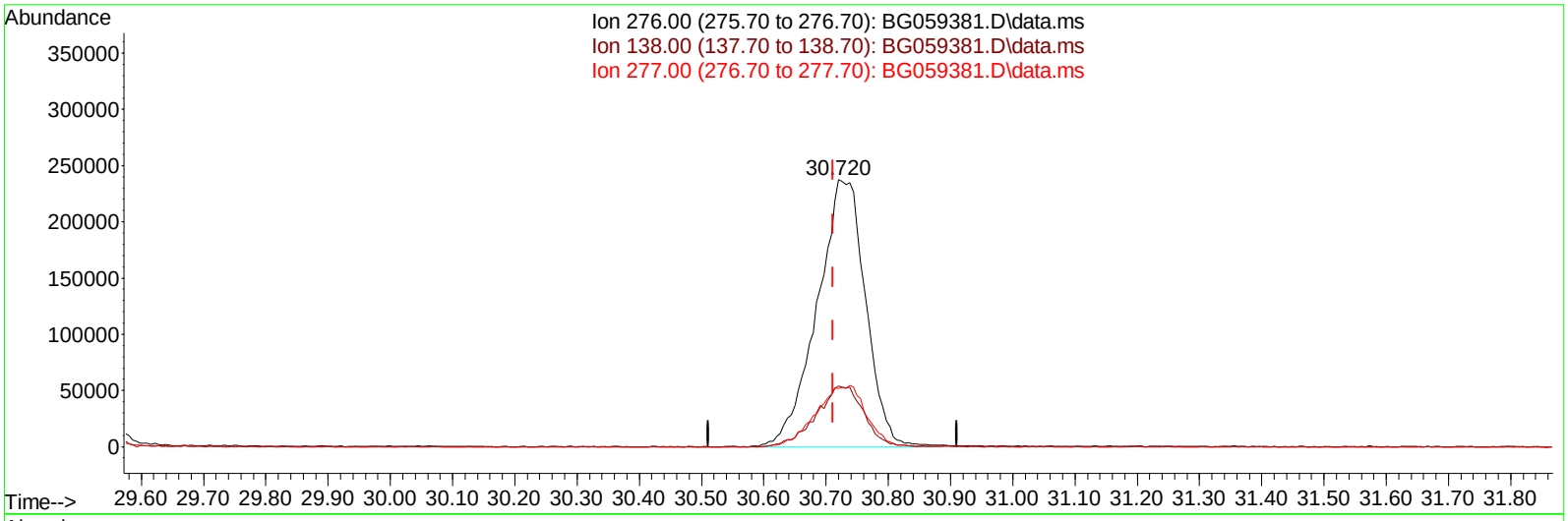
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059381.D
Acq On : 8 Oct 2023 18:34
Operator : MA/JU
Sample : 04654-03MSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

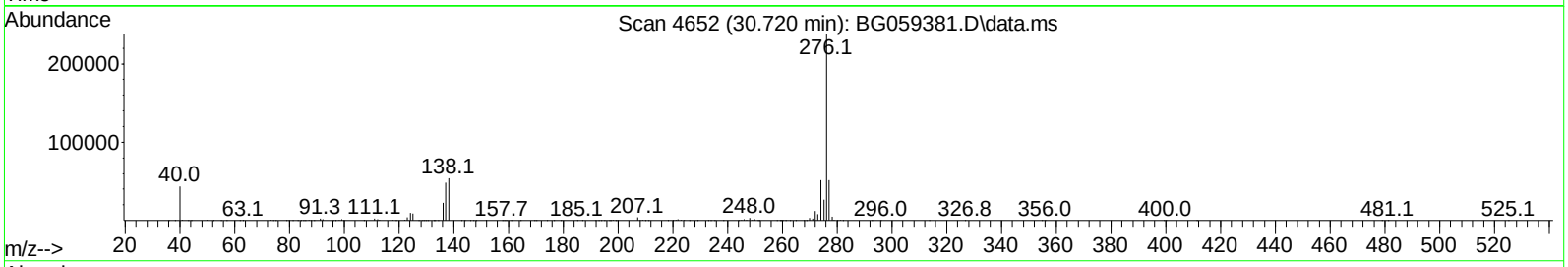
Quant Time: Oct 09 01:03:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

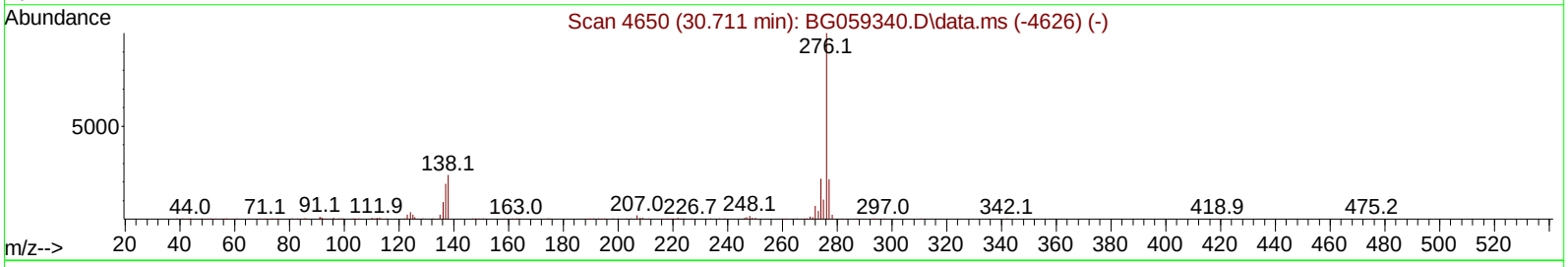
Instrument :
BNA_G
ClientSampleId :
BBJJ7MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/09/2023
Supervised By :mohammad ahmed 10/09/2023







TIC: BG059381.D\data.ms

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

30.720min (+ 0.009) 55.58 ng/ul m

response 1281938

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.70	22.83
277.00	21.50	21.81
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059381.D
Acq On : 8 Oct 2023 18:34
Operator : MA/JU
Sample : 04654-03MSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Oct 09 01:53:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BBJJ7MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/09/2023
Supervised By :mohammad ahmed 10/09/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	53792	20.000	ng/ul	0.00
20) Naphthalene-d8	11.073	136	260884	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.863	164	171291	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.612	188	383134	20.000	ng/ul	0.00
79) Chrysene-d12	21.919	240	340931	20.000	ng/ul	0.00
88) Perylene-d12	25.403	264	400037	20.000	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.529	96	6796	4.505	ng/uL	0.00
4) Pyridine-d5	3.964	84	52451	12.078	ng/ul	0.00
7) Phenol-d5	7.354	99	50157	8.445	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.548	67	142298	42.386	ng/ul	0.00
11) 2-Chlorophenol-d4	7.747	132	140166	33.742	ng/ul	0.00
15) 4-Methylphenol-d8	8.928	113	89518	19.344	ng/ul	0.00
21) Nitrobenzene-d5	9.428	128	103253	46.493	ng/ul	0.00
24) 2-Nitrophenol-d4	10.150	143	108018	44.938	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.673	165	186970	43.095	ng/ul	0.00
31) 4-Chloroaniline-d4	11.220	131	235644	34.193	ng/ul	0.00
46) Dimethylphthalate-d6	14.263	166	685770	48.868	ng/ul	0.00
49) Acenaphthylene-d8	14.569	160	791781	47.412	ng/ul	0.00
54) 4-Nitrophenol-d4	15.056	143	23055	8.767	ng/ul	0.00
60) Fluorene-d10	15.855	176	627389	46.837	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.973	200	137672	54.424	ng/ul	0.00
73) Anthracene-d10	17.712	188	976071	51.933	ng/ul	0.00
81) Pyrene-d10	19.986	212	1086101	52.587	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.162	264	1117975	53.109	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.570	88	9728	6.040	ng/uL#	75
5) Pyridine	3.981	79	53255	12.146	ng/ul	95
6) Benzaldehyde	7.371	77	122771	49.831	ng/ul	96
8) Phenol	7.383	94	53021	9.027	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.647	93	205051	45.333	ng/ul	95
12) 2-Chlorophenol	7.783	128	150915	34.477	ng/ul	92
13) 2-Methylphenol	8.658	108	110836	25.254	ng/ul	85
14) 2,2'-oxybis(1-Chloropr...	8.734	45	432128	45.661	ng/ul	97
16) Acetophenone	9.075	105	319571	45.443	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.040	70	155361	44.338	ng/ul#	86
18) 4-Methylphenol	8.993	108	102268	21.190	ng/ul	97
19) Hexachloroethane	9.310	117	76099	47.796	ng/ul	93
22) Nitrobenzene	9.475	77	239661	49.225	ng/ul#	93
23) Isophorone	9.980	82	486263	46.773	ng/ul	99
25) 2-Nitrophenol	10.180	139	118906	47.965	ng/ul	99
26) 2,4-Dimethylphenol	10.203	107	127995	26.173	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.462	93	296950	47.532	ng/ul	98
29) 2,4-Dichlorophenol	10.703	162	189604	43.400	ng/ul	98
30) Naphthalene	11.126	128	716030	47.455	ng/ul	98
32) 4-Chloroaniline	11.243	127	205809	31.568	ng/ul	99
33) Hexachlorobutadiene	11.349	225	133507	50.613	ng/ul	99
34) Caprolactam	12.036	113	8354m	5.266	ng/ul	
35) 4-Chloro-3-methylphenol	12.318	107	180855	38.579	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059381.D
Acq On : 8 Oct 2023 18:34
Operator : MA/JU
Sample : 04654-03MSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Oct 09 01:53:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BBJJ7MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/09/2023
Supervised By :mohammad ahmed 10/09/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.706	142	491310	48.843	ng/ul	93
37) 1-Methylnaphthalene	12.924	142	475929	45.570	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.053	216	257777	50.523	ng/ul	97
40) Hexachlorocyclopentadiene	13.006	237	121634	39.709	ng/ul	94
41) 2,4,6-Trichlorophenol	13.300	196	169866	49.065	ng/ul	99
42) 2,4,5-Trichlorophenol	13.370	196	177056	47.089	ng/ul	97
43) 1,1'-Biphenyl	13.699	154	713139	50.584	ng/ul	99
44) 2-Chloronaphthalene	13.758	162	541376	49.957	ng/ul	98
45) 2-Nitroaniline	13.975	65	182041	51.300	ng/ul	95
47) Dimethylphthalate	14.310	163	715673	50.744	ng/ul	99
48) 2,6-Dinitrotoluene	14.457	165	153780	54.046	ng/ul	97
50) Acenaphthylene	14.598	152	886650	49.392	ng/ul	98
51) 3-Nitroaniline	14.798	138	146092	52.435	ng/ul	97
52) Acenaphthene	14.927	153	594583	48.954	ng/ul	98
53) 2,4-Dinitrophenol	14.992	184	92283	45.152	ng/ul	99
55) 4-Nitrophenol	15.068	109	19259	10.854	ng/ul	84
56) Dibenzofuran	15.262	168	821727	49.032	ng/ul	99
57) 2,4-Dinitrotoluene	15.233	165	220373	52.883	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.474	232	176599	48.947	ng/ul#	96
59) Diethylphthalate	15.656	149	708777	50.529	ng/ul	99
61) Fluorene	15.908	166	705156	49.453	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.891	204	350005	49.676	ng/ul	99
63) 4-Nitroaniline	15.961	138	152312	60.722	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.985	198	151604	56.348	ng/ul#	93
67) N-Nitrosodiphenylamine	16.114	169	592071	54.608	ng/ul	98
68) 4-Bromophenyl-phenylether	16.790	248	218752	53.768	ng/ul	95
69) Hexachlorobenzene	16.884	284	248593	53.531	ng/ul	96
70) Atrazine	17.048	200	180180	41.915	ng/ul	99
71) Pentachlorophenol	17.236	266	155074	57.456	ng/ul	95
72) Phenanthrene	17.659	178	1227393	54.092	ng/ul	99
74) Anthracene	17.753	178	1241717	53.806	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.658	216	260977	52.430	ng/uL	92
76) Pentachlorobenzene	15.156	250	261417	50.745	ng/uL	94
77) Carbazole	18.029	167	1078988	56.181	ng/ul	98
78) Di-n-butylphthalate	18.529	149	1262044	55.543	ng/ul	99
80) Fluoranthene	19.651	202	1423467	55.389	ng/ul	98
82) Pyrene	20.021	202	1458911	54.623	ng/ul	99
83) Butylbenzylphthalate	20.867	149	557871	56.531	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.813	252	468995	55.142	ng/ul	95
85) Benzo(a)anthracene	21.895	228	1431751	54.987	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.725	149	833322	56.461	ng/ul	99
87) Chrysene	21.972	228	1335907	54.622	ng/ul	97
89) Di-n-octyl phthalate	23.018	149	1422661	56.361	ng/ul	100
90) Benzo(b)fluoranthene	24.281	252	1482132	56.232	ng/ul	99
91) Benzo(k)fluoranthene	24.351	252	1458519	54.499	ng/ul	97
93) Benzo(a)pyrene	25.244	252	1379319	54.938	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	29.440	276	1609745	55.661	ng/ul	95
95) Dibenzo(a,h)anthracene	29.516	278	1294118	55.030	ng/ul	99
96) Benzo(g,h,i)perylene	30.720	276	1281938m	55.579	ng/ul	

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

Instrument :
BNA_G
ClientSampleId :
BBJJ7MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/09/2023
Supervised By :mohammad ahmed 10/09/2023

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059381.D
Acq On : 8 Oct 2023 18:34
Operator : MA/JU
Sample : 04654-03MSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Oct 09 01:53:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BBJJ7MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/09/2023
Supervised By :mohammad ahmed 10/09/2023