Quantitation Report (QT Reviewed)

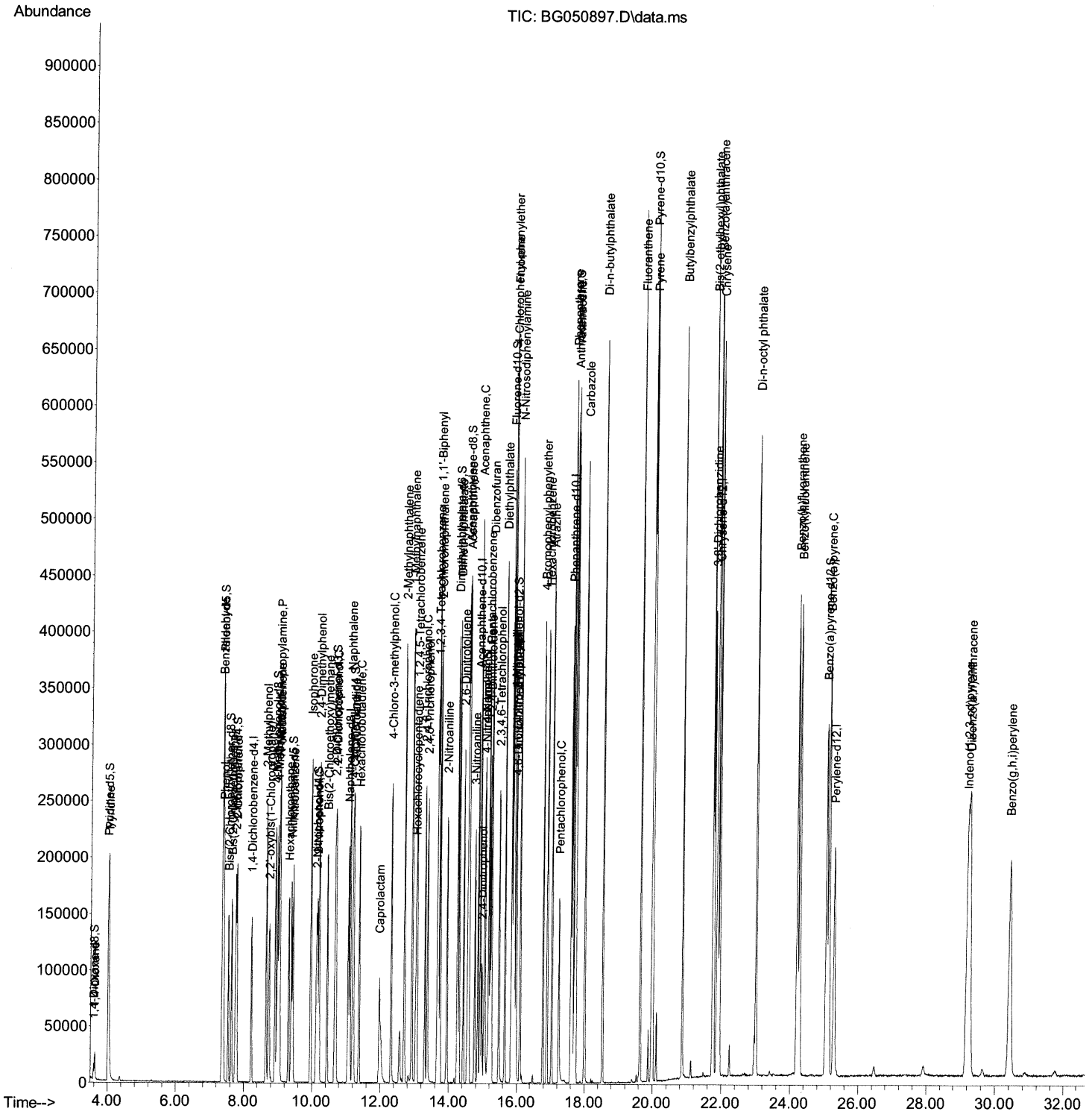
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050897.D
Acq On : 9 Nov 2021 3:11
Operator : CG/JU
Sample : PB140484BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 09 04:41:12 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 02 14:49:05 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS484

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/09/2021
Supervised By :mohammad ahmed 11/09/2021



Quantitation Report (Qedit)

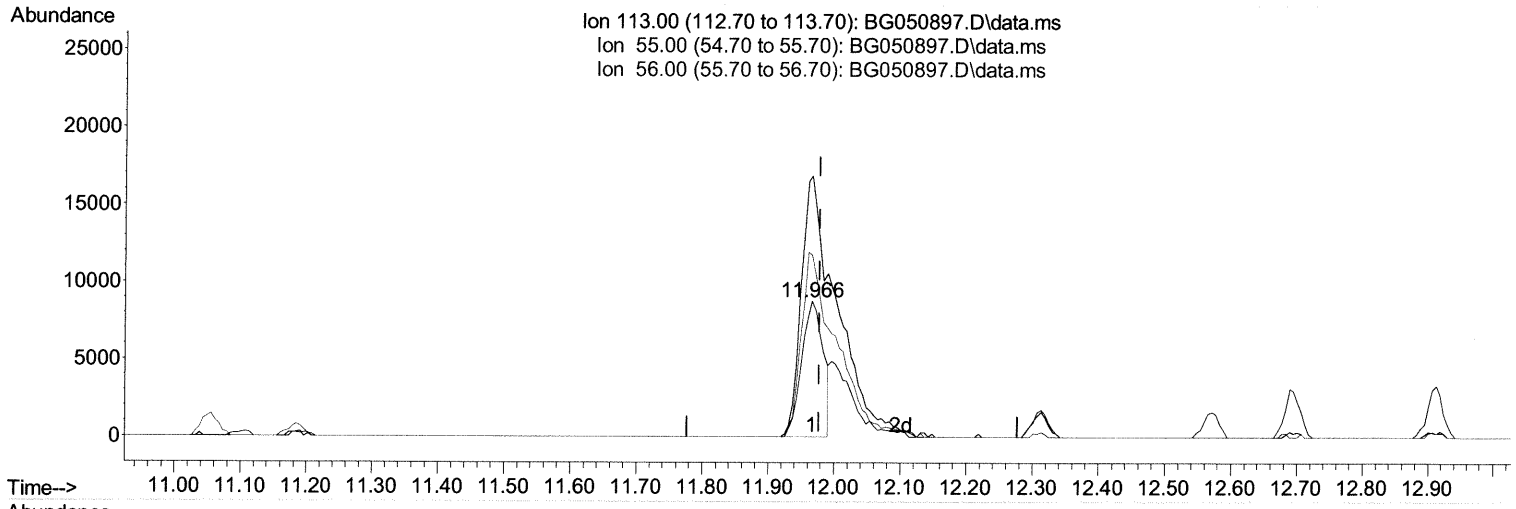
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050897.D
Acq On : 9 Nov 2021 3:11
Operator : CG/JU
Sample : PB140484BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

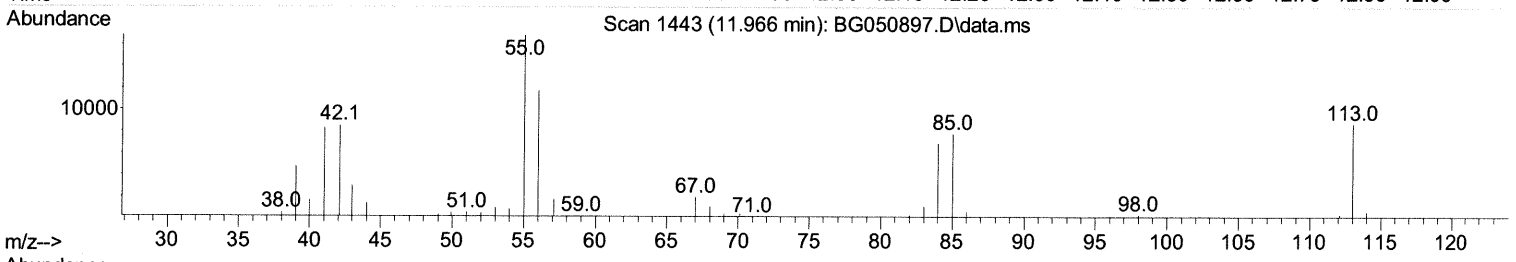
Quant Time: Nov 09 04:41:12 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 02 14:49:05 2021
Response via : Initial Calibration

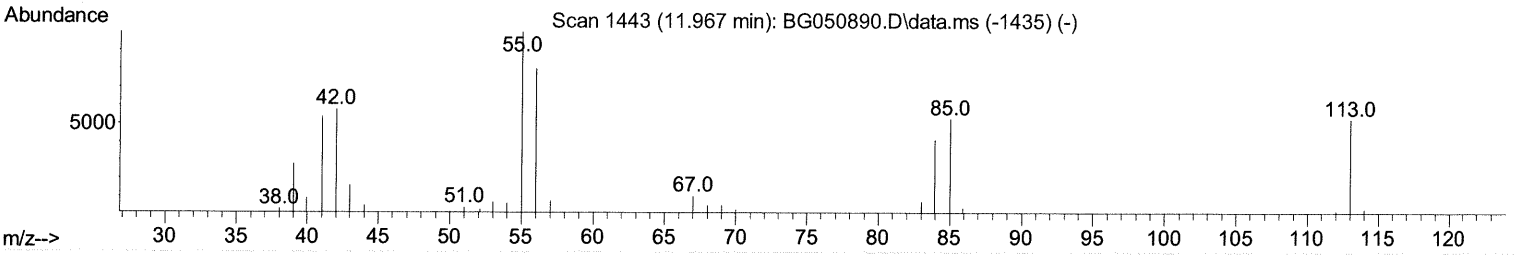
Instrument :
BNA_G
ClientSampleId :
SLCS484

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/09/2021
Supervised By :mohammad ahmed 11/09/2021







TIC: BG050897.D\data.ms

(34) Caprolactam

11.966min (-0.011) 17.38 ng/ul

response 19732

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	192.57
56.00	136.50	134.21
0.00	0.00	0.00

Quantitation Report (Qedit)

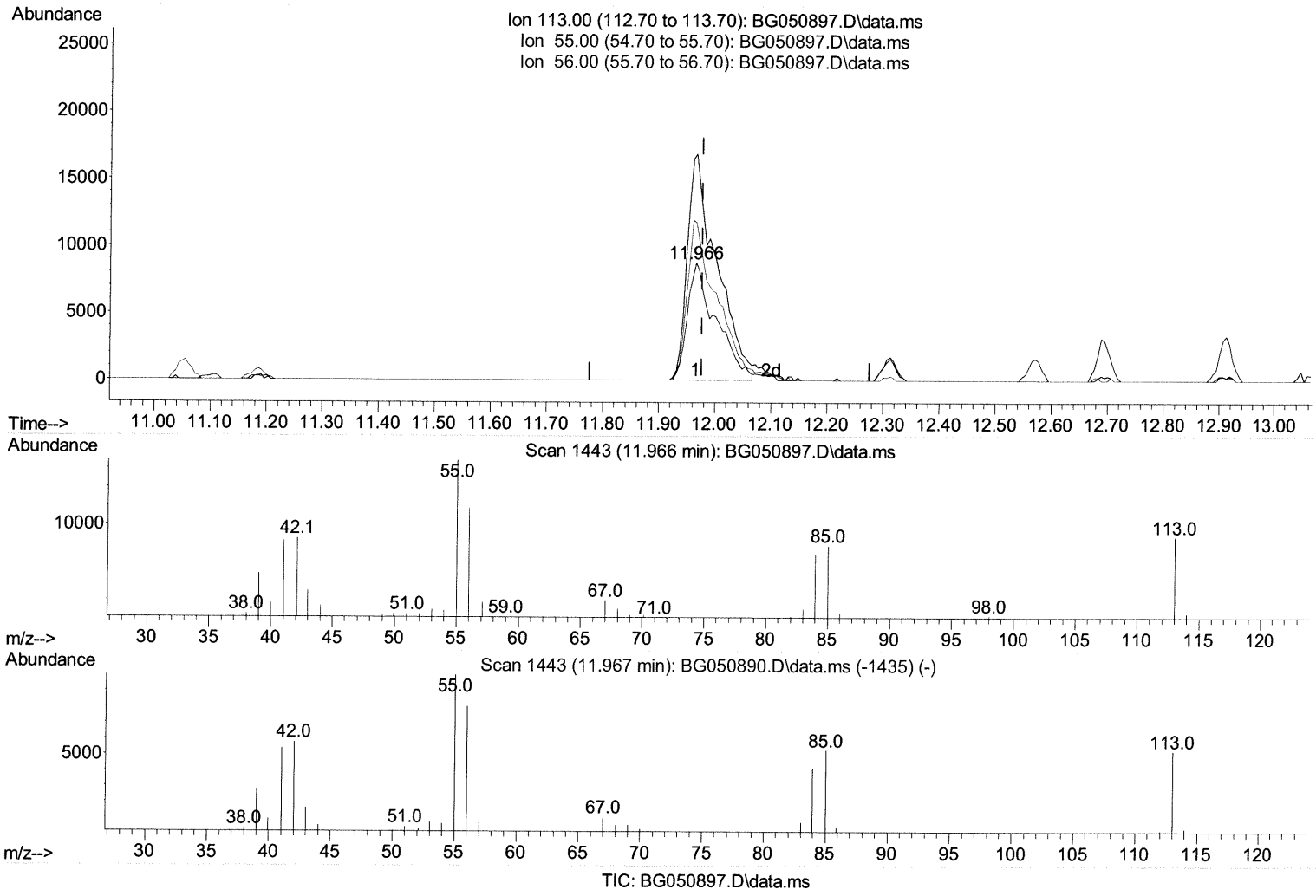
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050897.D
Acq On : 9 Nov 2021 3:11
Operator : CG/JU
Sample : PB140484BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 09 04:41:12 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 02 14:49:05 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS484

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/09/2021
Supervised By :mohammad ahmed 11/09/2021



TIC: BG050897.D\data.ms

(34) Caprolactam

11.966min (-0.011) 27.27 ng/ul m 11/11/21 JU

response 30959

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	192.57
56.00	136.50	134.21
0.00	0.00	0.00

Quantitation Report (Qedit)

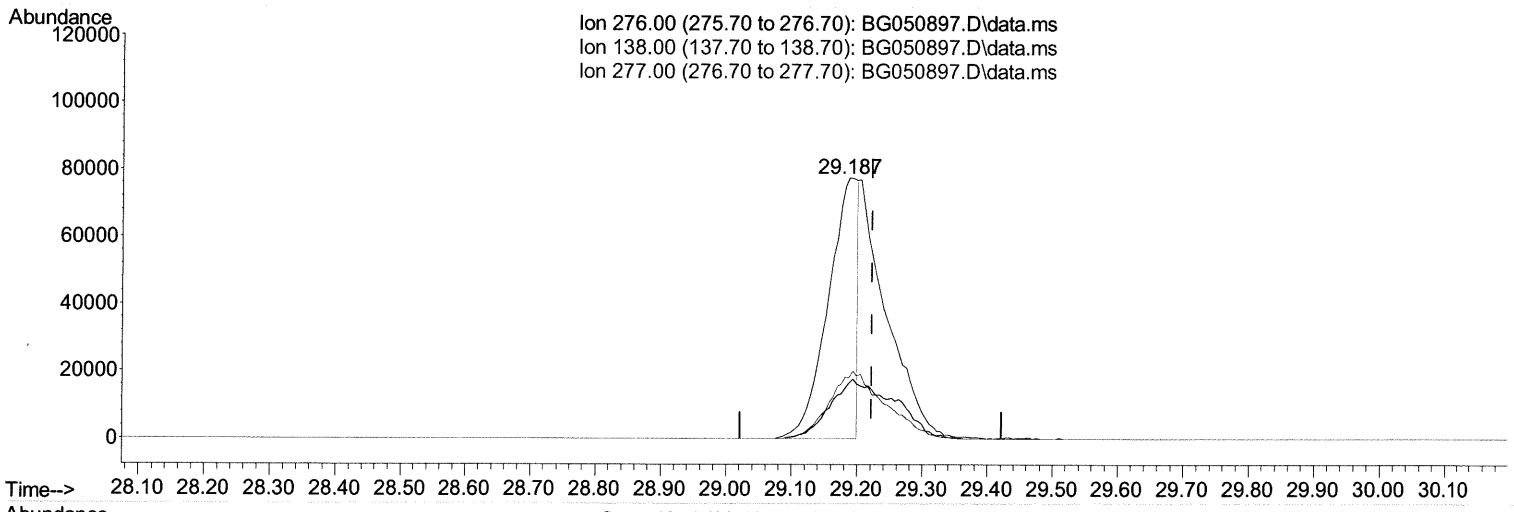
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050897.D
Acq On : 9 Nov 2021 3:11
Operator : CG/JU
Sample : PB140484BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

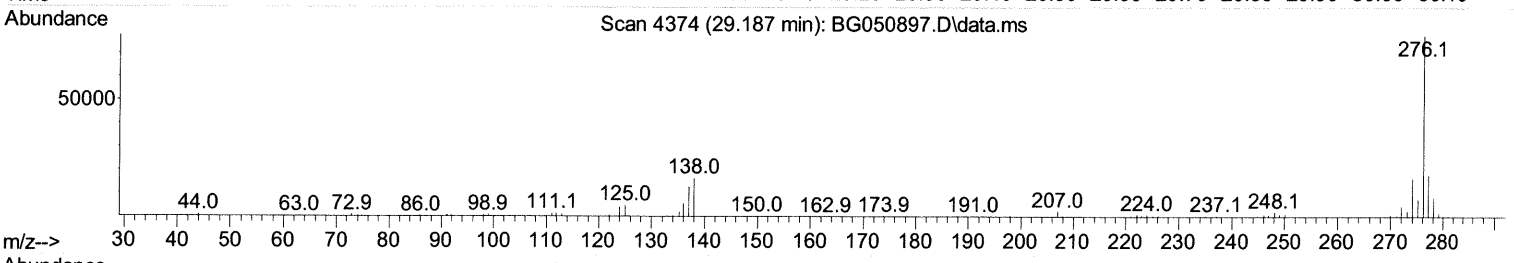
Quant Time: Nov 09 04:41:12 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 02 14:49:05 2021
Response via : Initial Calibration

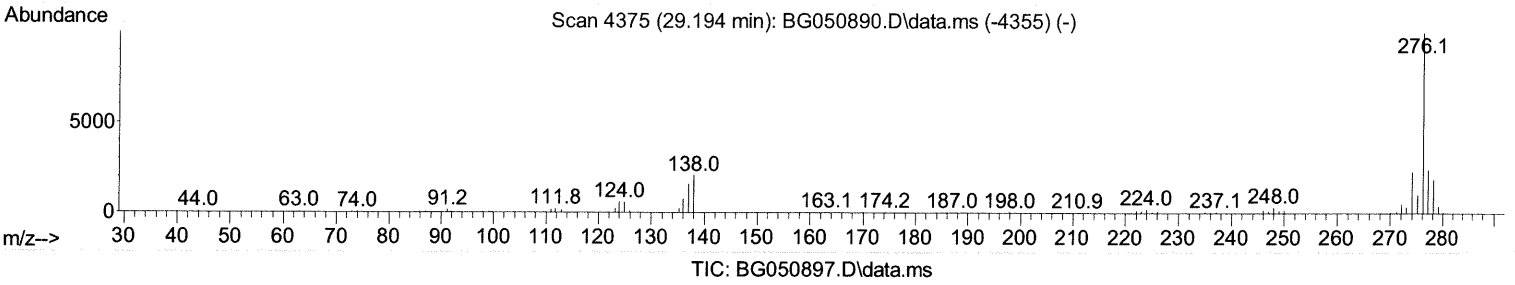
Instrument :
BNA_G
ClientSampleId :
SLCS484

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/09/2021
Supervised By :mohammad ahmed 11/09/2021







TIC: BG050897.D\data.ms

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

29.187min (-0.035) 15.08 ng/ul

response 239313

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.40	21.22
277.00	25.60	23.21
0.00	0.00	0.00

Quantitation Report (Qedit)

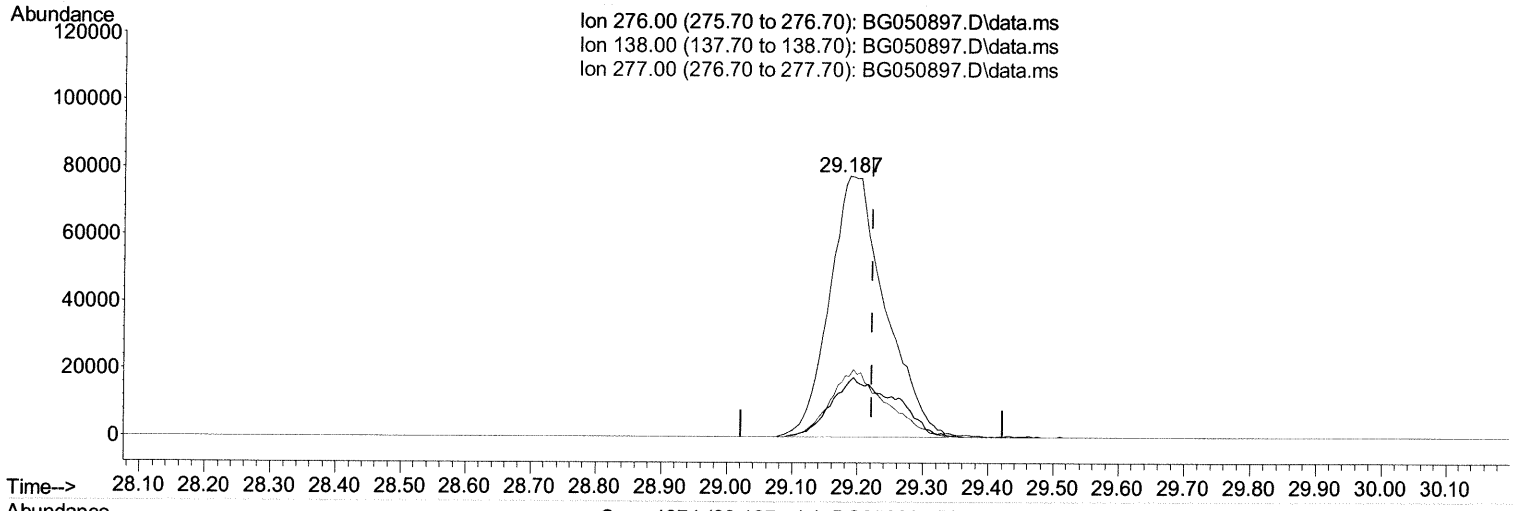
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050897.D
Acq On : 9 Nov 2021 3:11
Operator : CG/JU
Sample : PB140484BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

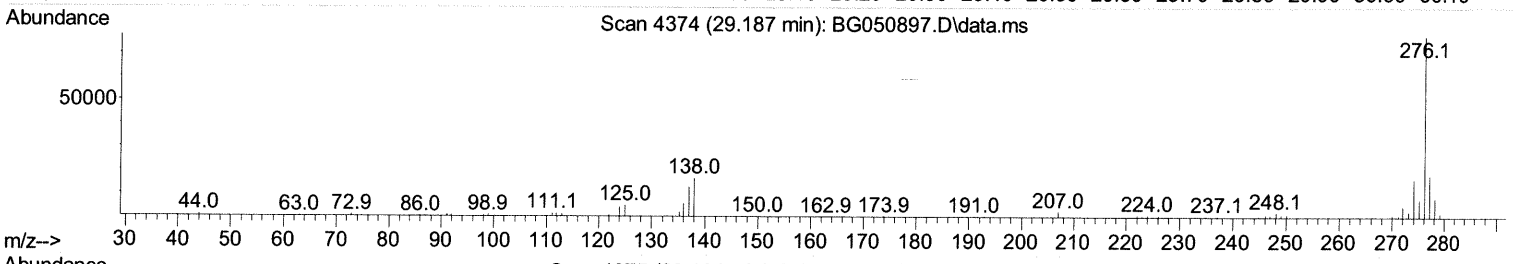
Quant Time: Nov 09 04:41:12 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 02 14:49:05 2021
Response via : Initial Calibration

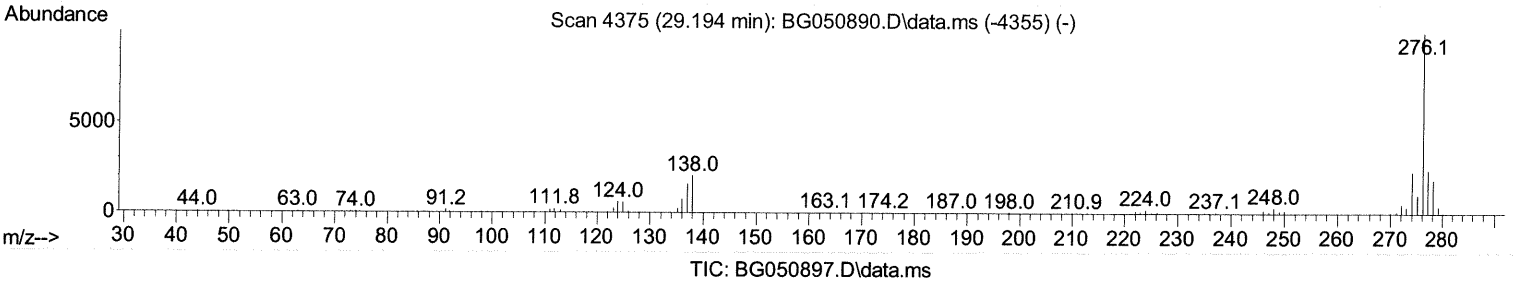
Instrument :
BNA_G
ClientSampleId :
SLCS484

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/09/2021
Supervised By :mohammad ahmed 11/09/2021







TIC: BG050897.D\data.ms

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

29.187min (-0.035) 28.94 ng/ul m 11/11/21 JU

response 459376

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.40	21.22
277.00	25.60	23.21
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050897.D
Acq On : 9 Nov 2021 3:11
Operator : CG/JU
Sample : PB140484BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 09 04:41:12 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 02 14:49:05 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS484

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/09/2021
Supervised By :mohammad ahmed 11/09/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	39580	20.000	ng/ul	0.00
20) Naphthalene-d8	11.055	136	172253	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.851	164	112627	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.595	188	249585	20.000	ng/ul	-0.01
79) Chrysene-d12	21.895	240	210542	20.000	ng/ul	-0.01
88) Perylene-d12	25.292	264	210125	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.588	96	6715	5.476	ng/uL	0.00
4) Pyridine-d5	4.011	84	98108	26.742	ng/ul	0.00
7) Phenol-d5	7.371	99	114372	27.086	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.542	67	76982	28.223	ng/ul	0.00
11) 2-Chlorophenol-d4	7.753	132	82306	28.126	ng/ul	-0.01
15) 4-Methylphenol-d8	8.928	113	88617	26.659	ng/ul	0.00
21) Nitrobenzene-d5	9.398	128	42913	29.316	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.127	143	47093	28.933	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.667	165	79717	29.075	ng/ul	0.00
31) 4-Chloroaniline-d4	11.185	131	108599	26.155	ng/ul	0.00
46) Dimethylphthalate-d6	14.246	166	254383	29.522	ng/ul	0.00
49) Acenaphthylene-d8	14.551	160	320217	29.828	ng/ul	0.00
54) 4-Nitrophenol-d4	15.039	143	43995	28.160	ng/ul	0.00
60) Fluorene-d10	15.838	176	221940	29.076	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.955	200	42836	28.309	ng/ul	0.00
73) Anthracene-d10	17.695	188	342747	29.046	ng/ul	-0.01
81) Pyrene-d10	19.968	212	400652	29.463	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.056	264	336354	28.956	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.623	88	14618	10.853	ng/uL	96
5) Pyridine	4.034	79	100445	26.450	ng/ul	96
6) Benzaldehyde	7.360	77	81165	30.476	ng/ul	96
8) Phenol	7.401	94	120179	27.514	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.636	93	92448	28.276	ng/ul	99
12) 2-Chlorophenol	7.789	128	83022	27.943	ng/ul	99
13) 2-Methylphenol	8.658	108	87131	26.988	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.752	45	138606	26.915	ng/ul	97
16) Acetophenone	9.058	105	138192	26.761	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.034	70	83272	26.727	ng/ul	99
18) 4-Methylphenol	8.993	108	93438	27.181	ng/ul	93
19) Hexachloroethane	9.316	117	35478	28.559	ng/ul	92
22) Nitrobenzene	9.445	77	119570	29.288	ng/ul	99
23) Isophorone	9.962	82	224709	28.360	ng/ul	100
25) 2-Nitrophenol	10.156	139	48756	29.858	ng/ul	96
26) 2,4-Dimethylphenol	10.203	107	103594	28.826	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.444	93	125160	29.317	ng/ul	96
29) 2,4-Dichlorophenol	10.691	162	79350	29.670	ng/ul	97
30) Naphthalene	11.102	128	274286	29.120	ng/ul	98
32) 4-Chloroaniline	11.208	127	108663	26.356	ng/ul	99
33) Hexachlorobutadiene	11.378	225	50456	28.745	ng/ul	98
34) Caprolactam	11.966	113	30959m	27.267	ng/ul	98
35) 4-Chloro-3-methylphenol	12.313	107	98412	28.806	ng/ul	98

11/11/2130

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050897.D
Acq On : 9 Nov 2021 3:11
Operator : CG/JU
Sample : PB140484BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 09 04:41:12 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 02 14:49:05 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS484

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/09/2021
Supervised By :mohammad ahmed 11/09/2021

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.695	142	182313	28.411 ng/ul	100
37) 1-Methylnaphthalene	12.912	142	182776	28.110 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.053	216	97516	29.715 ng/ul#	94
40) Hexachlorocyclopentadiene	13.029	237	42377	26.891 ng/ul	97
41) 2,4,6-Trichlorophenol	13.288	196	63031	29.353 ng/ul	97
42) 2,4,5-Trichlorophenol	13.364	196	66958	29.044 ng/ul	99
43) 1,1'-Biphenyl	13.687	154	241350	29.318 ng/ul	99
44) 2-Chloronaphthalene	13.734	162	191777	29.728 ng/ul	97
45) 2-Nitroaniline	13.934	65	75060	29.285 ng/ul	95
47) Dimethylphthalate	14.293	163	253659	29.441 ng/ul	99
48) 2,6-Dinitrotoluene	14.422	165	54941	30.468 ng/ul	94
50) Acenaphthylene	14.581	152	316834	29.447 ng/ul	98
51) 3-Nitroaniline	14.751	138	54517	29.231 ng/ul	94
52) Acenaphthene	14.915	153	209576	29.623 ng/ul	97
53) 2,4-Dinitrophenol	14.962	184	24878	25.008 ng/ul	87
55) 4-Nitrophenol	15.051	109	40518	28.278 ng/ul	96
56) Dibenzofuran	15.250	168	294077	29.040 ng/ul	100
57) 2,4-Dinitrotoluene	15.209	165	76875	29.872 ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.468	232	52572	29.017 ng/ul	98
59) Diethylphthalate	15.650	149	270690	29.352 ng/ul	98
61) Fluorene	15.897	166	232931	29.061 ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.879	204	121440	29.096 ng/ul	99
63) 4-Nitroaniline	15.914	138	55913	30.220 ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.973	198	42201	28.598 ng/ul#	96
67) N-Nitrosodiphenylamine	16.096	169	206298	29.570 ng/ul	98
68) 4-Bromophenyl-phenylether	16.778	248	73993	29.804 ng/ul	95
69) Hexachlorobenzene	16.895	284	75759	29.682 ng/ul	95
70) Atrazine	17.036	200	83598	28.257 ng/ul	98
71) Pentachlorophenol	17.242	266	32798	27.990 ng/ul	94
72) Phenanthrene	17.642	178	394211	29.589 ng/ul	100
74) Anthracene	17.730	178	387247	28.969 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.658	216	101575	29.890 ng/uL	99
76) Pentachlorobenzene	15.168	250	90942	28.881 ng/uL	99
77) Carbazole	18.000	167	367226	30.650 ng/ul	99
78) Di-n-butylphthalate	18.529	149	471749	29.965 ng/ul	99
80) Fluoranthene	19.639	202	488659	29.942 ng/ul	99
82) Pyrene	19.998	202	466785	29.272 ng/ul	98
83) Butylbenzylphthalate	20.861	149	203393	29.661 ng/ul	99
84) 3,3'-Dichlorobenzidine	21.778	252	138111	26.936 ng/ul	97
85) Benzo(a)anthracene	21.872	228	431525	29.606 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.743	149	290636	29.527 ng/ul	99
87) Chrysene	21.942	228	412924	29.656 ng/ul	100
89) Di-n-octyl phthalate	23.012	149	490823	28.692 ng/ul	100
90) Benzo(b)fluoranthene	24.205	252	437009	29.194 ng/ul	99
91) Benzo(k)fluoranthene	24.275	252	402916	28.684 ng/ul	99
93) Benzo(a)pyrene	25.133	252	410902	28.821 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.187	276	459376m >	28.945 ng/ul >	11/11/21 JU
95) Dibenzo(a,h)anthracene	29.257	278	386978	28.817 ng/ul	99
96) Benzo(g,h,i)perylene	30.421	276	382579	28.798 ng/ul	98

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