Quantitation Report (Qedit)

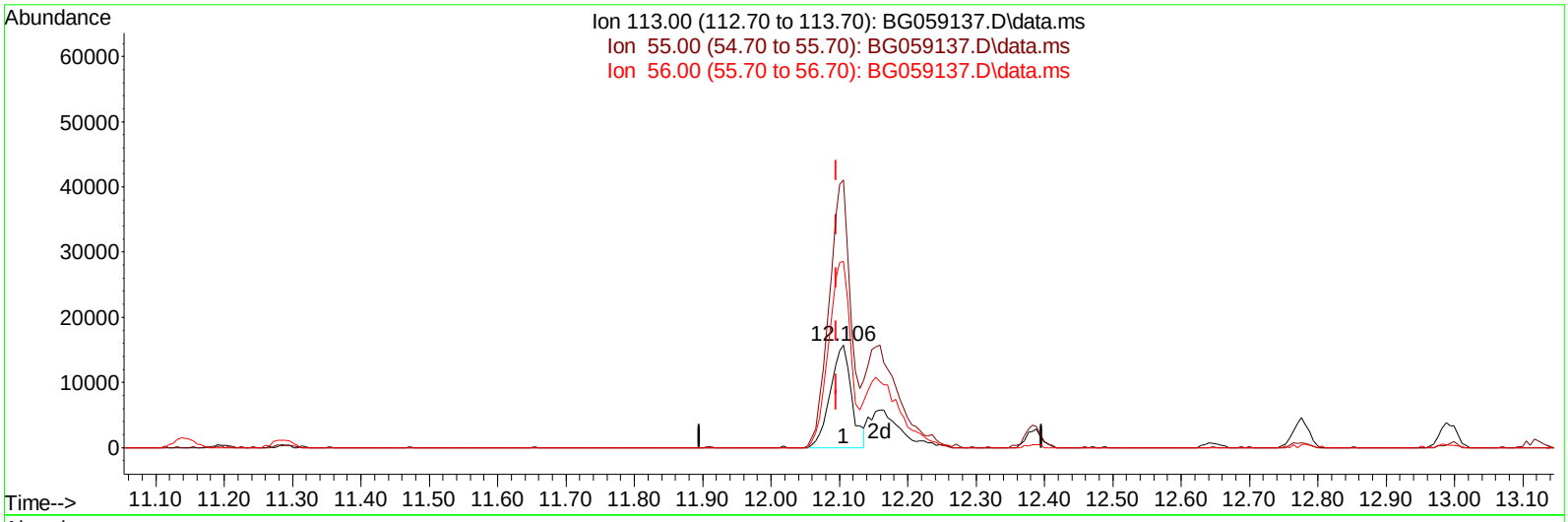
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059137.D
Acq On : 21 Sep 2023 10:27
Operator : MA/JU
Sample : PB155513BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

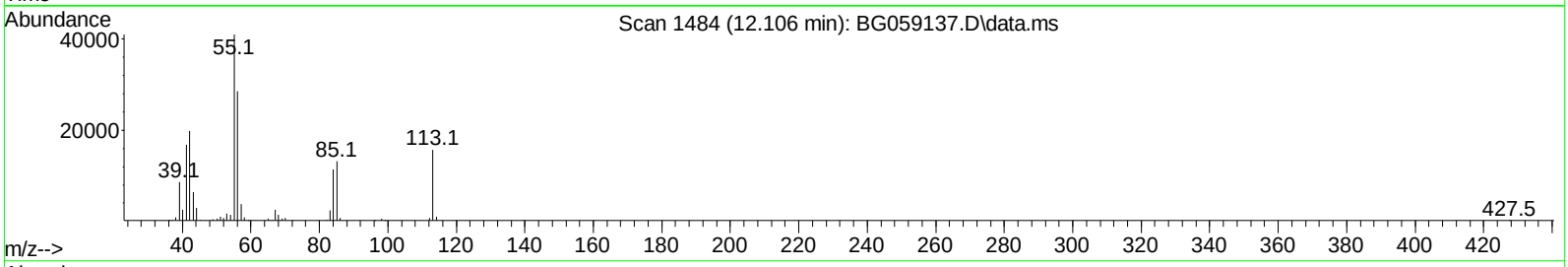
Quant Time: Sep 22 01:03:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 04:25:24 2023
Response via : Initial Calibration

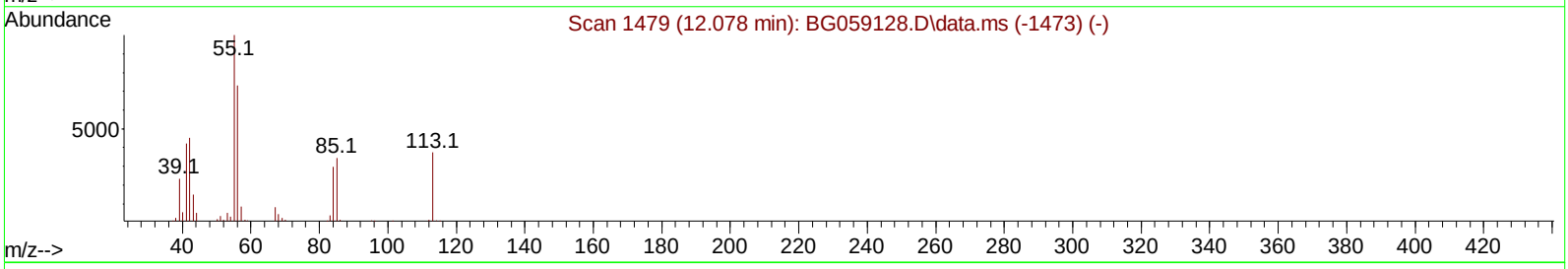
Instrument :
BNA_G
ClientSampleId :
SLCS513

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/22/2023







TIC: BG059137.D\data.ms

(34) Caprolactam

12.106min (+ 0.011) 31.20 ng/ul

response 33951

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.00	261.05#
56.00	140.40	182.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

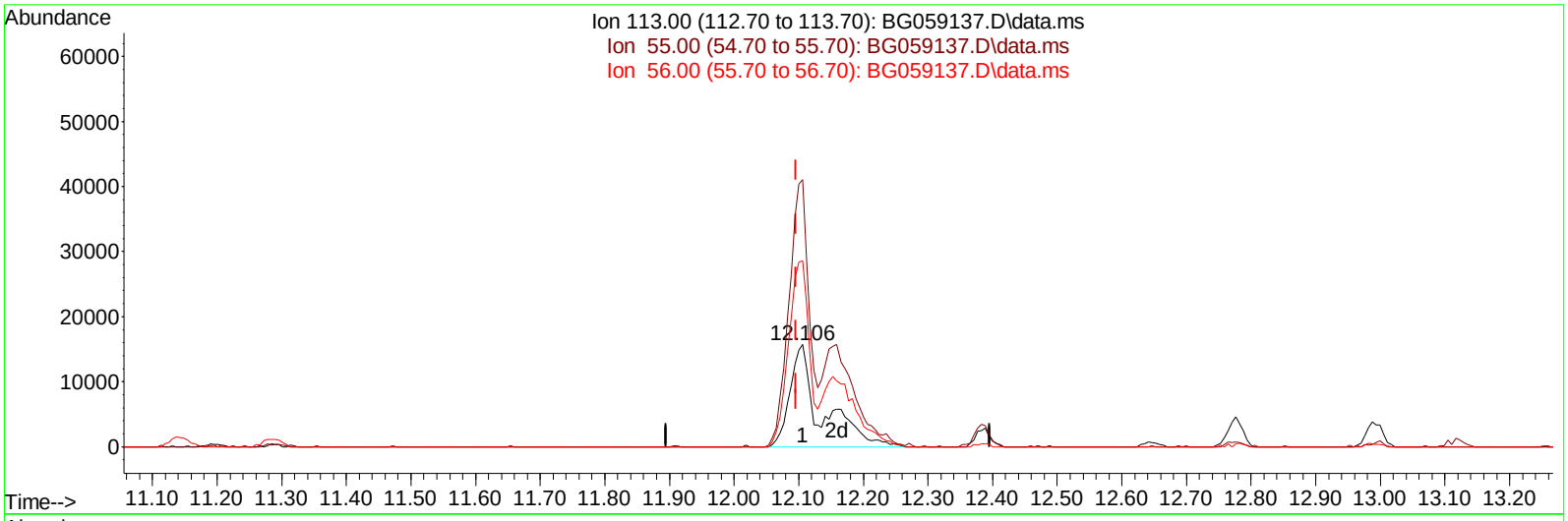
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059137.D
Acq On : 21 Sep 2023 10:27
Operator : MA/JU
Sample : PB155513BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

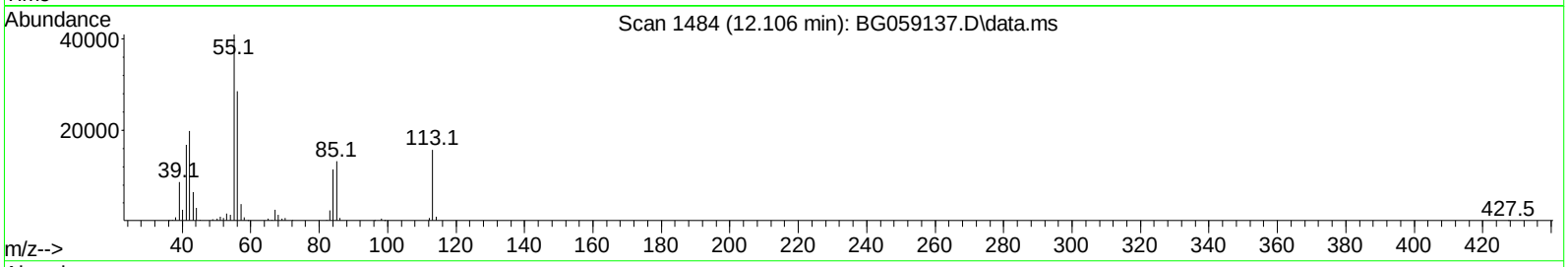
Quant Time: Sep 22 01:03:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 04:25:24 2023
Response via : Initial Calibration

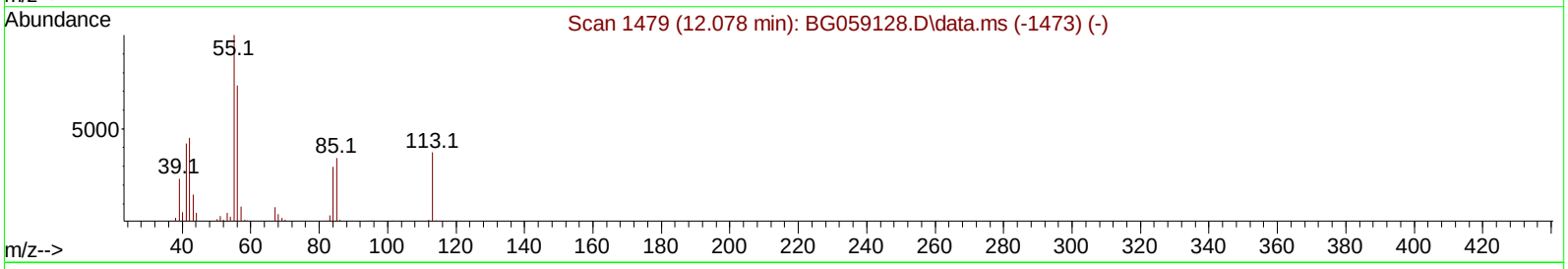
Instrument :
BNA_G
ClientSampleId :
SLCS513

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/22/2023







TIC: BG059137.D\data.ms

(34) Caprolactam

12.106min (+ 0.011) 48.07 ng/ul m

response 52317

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.00	261.05#
56.00	140.40	182.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

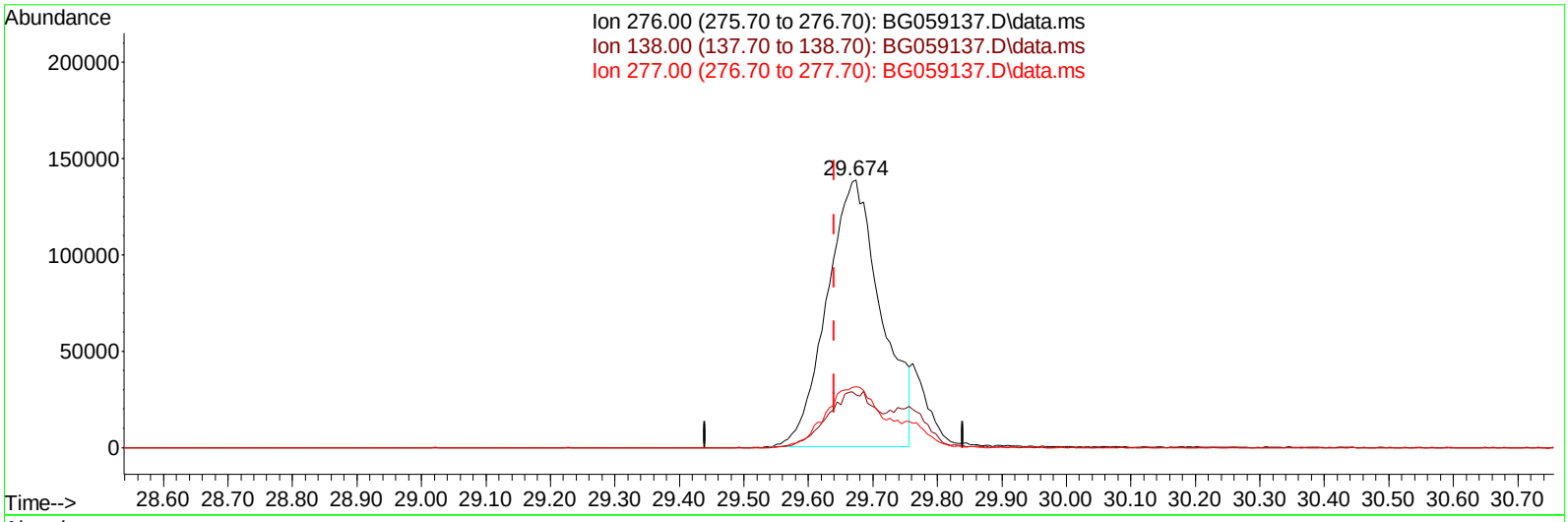
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059137.D
Acq On : 21 Sep 2023 10:27
Operator : MA/JU
Sample : PB155513BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

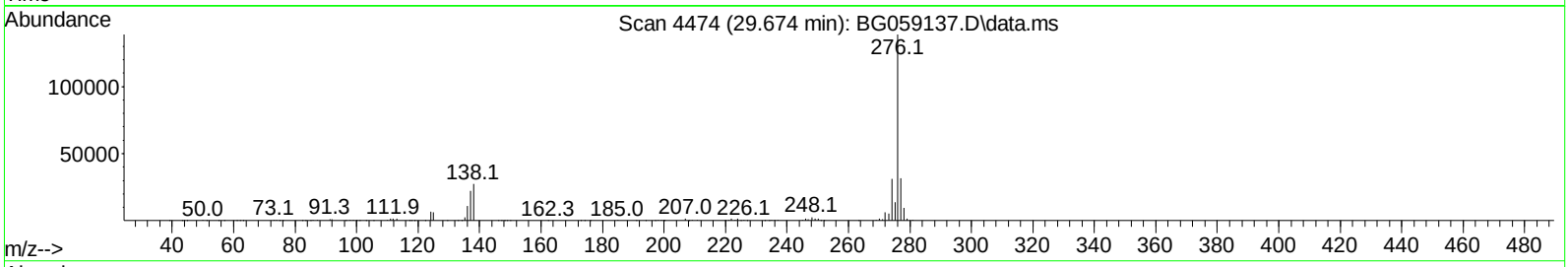
Quant Time: Sep 22 01:03:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 04:25:24 2023
Response via : Initial Calibration

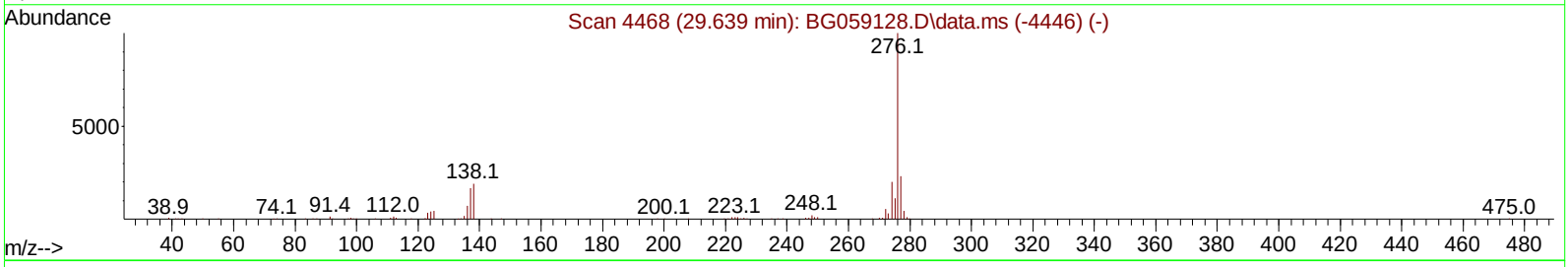
Instrument :
BNA_G
ClientSampleId :
SLCS513

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/22/2023







TIC: BG059137.D\data.ms

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

29.674min (+ 0.034) 42.82 ng/ul

response 811381

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.40	19.61
277.00	25.50	22.66
0.00	0.00	0.00

Quantitation Report (Qedit)

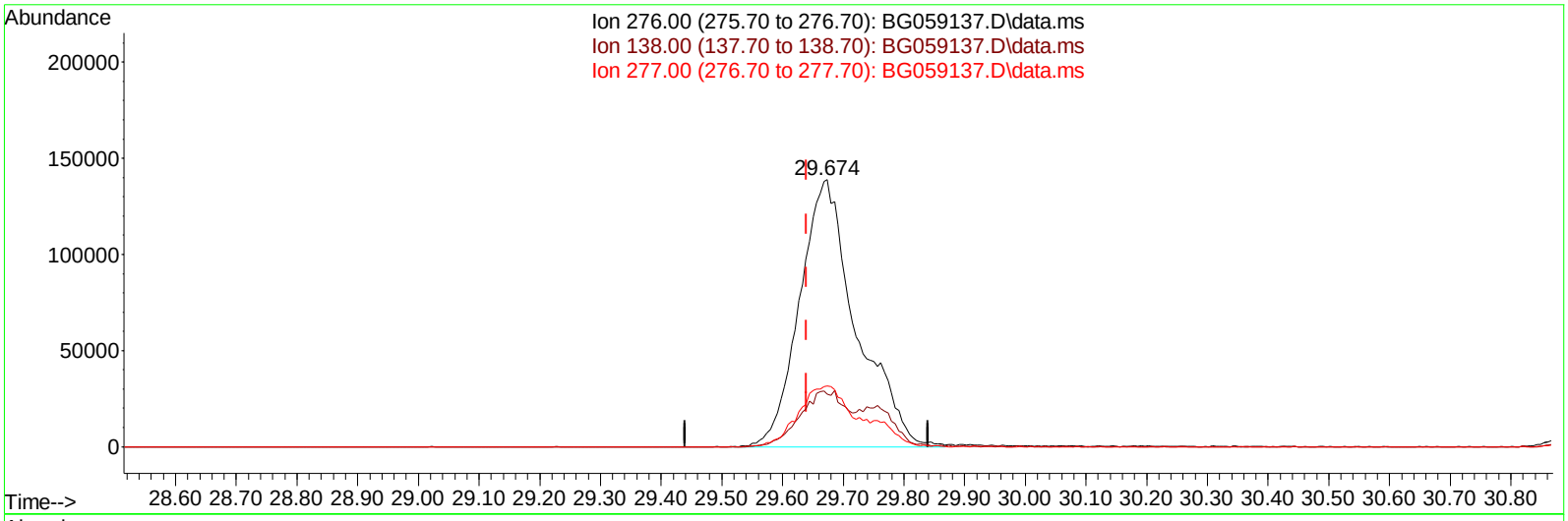
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059137.D
Acq On : 21 Sep 2023 10:27
Operator : MA/JU
Sample : PB155513BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

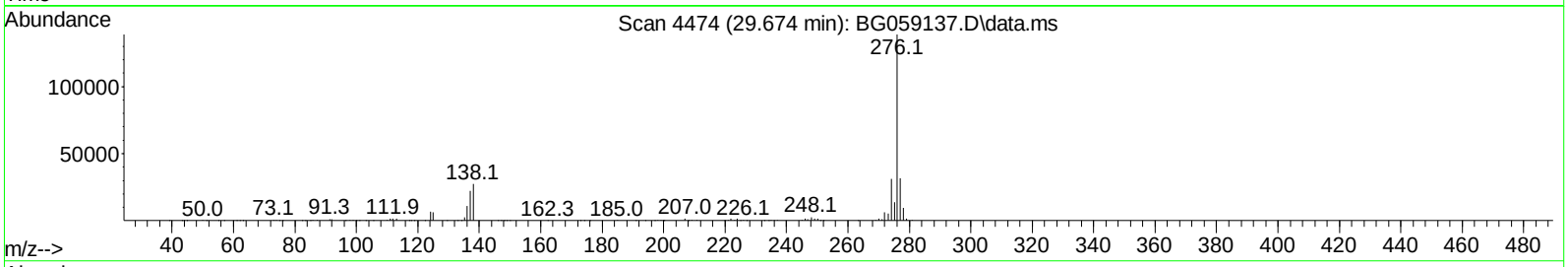
Quant Time: Sep 22 01:03:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 04:25:24 2023
Response via : Initial Calibration

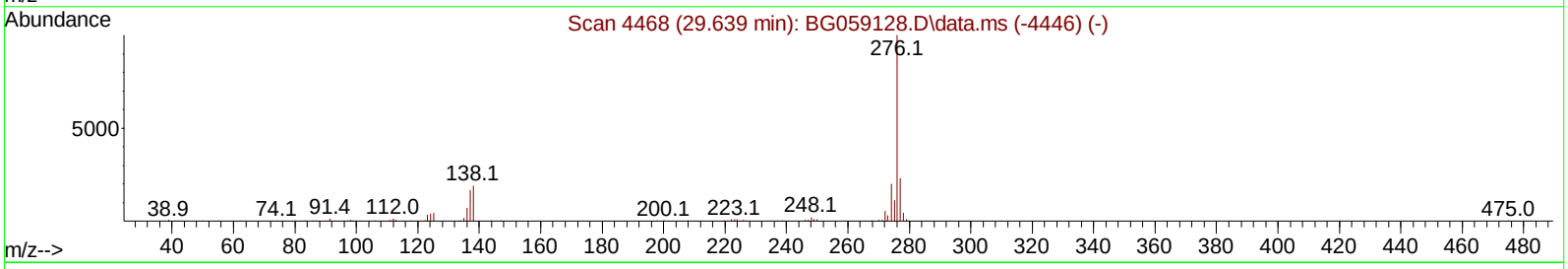
Instrument :
BNA_G
ClientSampleId :
SLCS513

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/22/2023







TIC: BG059137.D\data.ms

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

29.674min (+ 0.034) 47.52 ng/ul m

response 900266

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.40	19.61
277.00	25.50	22.66
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059137.D
Acq On : 21 Sep 2023 10:27
Operator : MA/JU
Sample : PB155513BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 22 01:24:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 04:25:24 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS513

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.293	152	42709	20.000	ng/ul	0.00
20) Naphthalene-d8	11.143	136	198649	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.926	164	131825	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.676	188	292288	20.000	ng/ul	0.00
79) Chrysene-d12	22.000	240	242851	20.000	ng/ul	0.00
88) Perylene-d12	25.555	264	284473	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.604	96	7005	6.420	ng/uL	0.00
4) Pyridine-d5	4.039	84	114203	35.677	ng/ul	0.00
7) Phenol-d5	7.412	99	169891	40.455	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.617	67	98874	38.366	ng/ul	0.00
11) 2-Chlorophenol-d4	7.811	132	122143	39.413	ng/ul	0.00
15) 4-Methylphenol-d8	8.986	113	129753	38.795	ng/ul	0.00
21) Nitrobenzene-d5	9.497	128	65815	42.936	ng/ul	0.00
24) 2-Nitrophenol-d4	10.214	143	70402	45.465	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.743	165	132348	45.019	ng/ul	0.00
31) 4-Chloroaniline-d4	11.284	131	182807	39.841	ng/ul	0.00
46) Dimethylphthalate-d6	14.327	166	418166	41.246	ng/ul	0.00
49) Acenaphthylene-d8	14.633	160	493911	40.010	ng/ul	0.00
54) 4-Nitrophenol-d4	15.109	143	81515	44.069	ng/ul	0.01
60) Fluorene-d10	15.919	176	382577	41.225	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.031	200	80448	48.412	ng/ul	0.01
73) Anthracene-d10	17.782	188	561569	42.225	ng/ul	0.00
81) Pyrene-d10	20.050	212	610347	42.999	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.302	264	608869	43.833	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.646	88	15681	12.710	ng/uL#	73
5) Pyridine	4.057	79	111366	34.142	ng/ul	97
6) Benzaldehyde	7.441	77	79144	36.346	ng/ul	96
8) Phenol	7.441	94	181021	41.938	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.711	93	139093	40.136	ng/ul	97
12) 2-Chlorophenol	7.846	128	130910	41.402	ng/ul	94
13) 2-Methylphenol	8.716	108	132733	41.436	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.816	45	290723	40.405	ng/ul	98
16) Acetophenone	9.145	105	211076	40.993	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.110	70	106921	41.076	ng/ul	97
18) 4-Methylphenol	9.057	108	146399	42.646	ng/ul	96
19) Hexachloroethane	9.380	117	52073	41.888	ng/ul	94
22) Nitrobenzene	9.544	77	154669	44.558	ng/ul	90
23) Isophorone	10.050	82	330707	44.429	ng/ul	98
25) 2-Nitrophenol	10.250	139	78310	45.253	ng/ul	95
26) 2,4-Dimethylphenol	10.273	107	118150	36.518	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.532	93	206366	44.563	ng/ul	98
29) 2,4-Dichlorophenol	10.767	162	136638	45.979	ng/ul	95
30) Naphthalene	11.195	128	470873	44.297	ng/ul	99
32) 4-Chloroaniline	11.313	127	149863	33.180	ng/ul	97
33) Hexachlorobutadiene	11.425	225	83332	43.566	ng/ul#	87
34) Caprolactam	12.106	113	52317m	48.072	ng/ul	
35) 4-Chloro-3-methylphenol	12.382	107	150598	48.111	ng/ul	94

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059137.D
Acq On : 21 Sep 2023 10:27
Operator : MA/JU
Sample : PB155513BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 22 01:24:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 04:25:24 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS513

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.776	142	312027	43.951	ng/ul	98
37) 1-Methylnaphthalene	12.993	142	308257	42.983	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.117	216	165230	42.754	ng/ul	99
40) Hexachlorocyclopentadiene	13.070	237	82774	33.595	ng/ul	95
41) 2,4,6-Trichlorophenol	13.358	196	101333	40.153	ng/ul	91
42) 2,4,5-Trichlorophenol	13.428	196	117843	43.169	ng/ul	97
43) 1,1'-Biphenyl	13.769	154	464326	44.128	ng/ul	95
44) 2-Chloronaphthalene	13.822	162	345282	42.977	ng/ul	97
45) 2-Nitroaniline	14.039	65	121058	47.535	ng/ul	96
47) Dimethylphthalate	14.374	163	452039	43.654	ng/ul	98
48) 2,6-Dinitrotoluene	14.521	165	93455	48.839	ng/ul	95
50) Acenaphthylene	14.662	152	538384	40.832	ng/ul	98
51) 3-Nitroaniline	14.856	138	100455	47.578	ng/ul	96
52) Acenaphthene	14.991	153	384176	42.965	ng/ul	98
53) 2,4-Dinitrophenol	15.050	184	60772	52.708	ng/ul	90
55) 4-Nitrophenol	15.126	109	55886	45.716	ng/ul	91
56) Dibenzofuran	15.326	168	525981	44.349	ng/ul	100
57) 2,4-Dinitrotoluene	15.291	165	132551	48.048	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.532	232	98933	39.153	ng/ul#	86
59) Diethylphthalate	15.720	149	445825	43.692	ng/ul	99
61) Fluorene	15.972	166	440765	43.524	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.955	204	224333	44.633	ng/ul	96
63) 4-Nitroaniline	16.025	138	100536	51.368	ng/ul#	81
66) 4,6-Dinitro-2-methylph...	16.043	198	86879	48.507	ng/ul	99
67) N-Nitrosodiphenylamine	16.178	169	367250	47.193	ng/ul	96
68) 4-Bromophenyl-phenylether	16.854	248	136455	47.984	ng/ul	98
69) Hexachlorobenzene	16.942	284	149612	45.931	ng/ul	97
70) Atrazine	17.106	200	9291	3.001	ng/ul#	80
71) Pentachlorophenol	17.300	266	78746	37.218	ng/ul	94
72) Phenanthrene	17.723	178	751438	45.940	ng/ul	98
74) Anthracene	17.817	178	741801	44.384	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.728	216	17029	4.370	ng/uL	89
76) Pentachlorobenzene	15.220	250	171776	47.658	ng/uL	98
77) Carbazole	18.087	167	648051	46.639	ng/ul	99
78) Di-n-butylphthalate	18.593	149	785369	45.881	ng/ul	99
80) Fluoranthene	19.715	202	824227	46.597	ng/ul	99
82) Pyrene	20.079	202	844166	45.752	ng/ul	99
83) Butylbenzylphthalate	20.937	149	315962	47.409	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.889	252	273437	46.594	ng/ul	98
85) Benzo(a)anthracene	21.983	228	789574	44.782	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.812	149	478257	47.963	ng/ul	99
87) Chrysene	22.053	228	755640	45.955	ng/ul	99
89) Di-n-octyl phthalate	23.134	149	828991	47.665	ng/ul	100
90) Benzo(b)fluoranthene	24.398	252	838093	48.349	ng/ul	99
91) Benzo(k)fluoranthene	24.480	252	834813	46.449	ng/ul	97
93) Benzo(a)pyrene	25.391	252	743851	44.650	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.674	276	900266m	47.515	ng/ul	
95) Dibenzo(a,h)anthracene	29.756	278	750468	49.288	ng/ul	98
96) Benzo(g,h,i)perylene	30.978	276	735823	48.211	ng/ul	99

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

Instrument :
BNA_G
ClientSampleId :
SLCS513

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/22/2023

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059137.D
Acq On : 21 Sep 2023 10:27
Operator : MA/JU
Sample : PB155513BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 22 01:24:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 04:25:24 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS513

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/22/2023