Quantitation Report (Qedit)

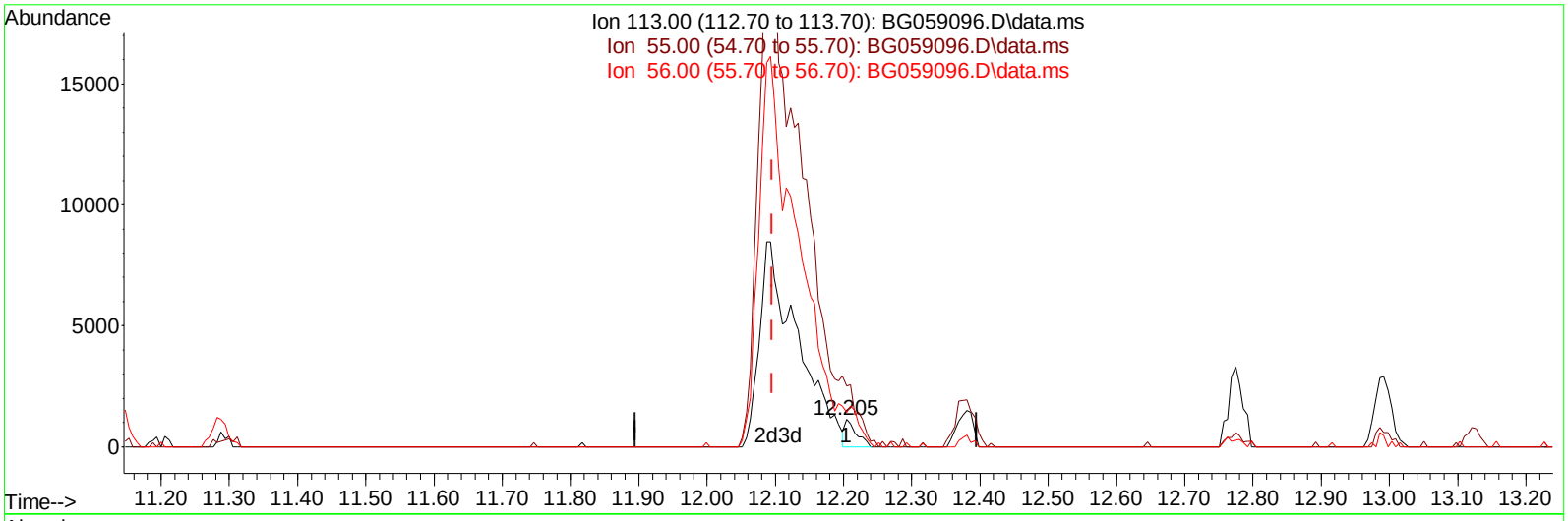
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091923\
Data File : BG059096.D
Acq On : 19 Sep 2023 19:43
Operator : MA/JU
Sample : SSTD04028
Misc :
ALS Vial : 5 Sample Multiplier: 1

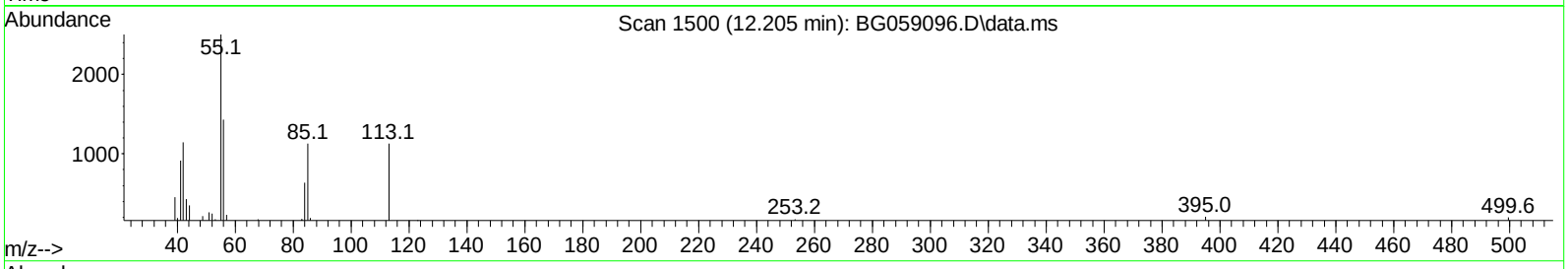
Quant Time: Sep 20 03:52:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 03:48:48 2023
Response via : Initial Calibration

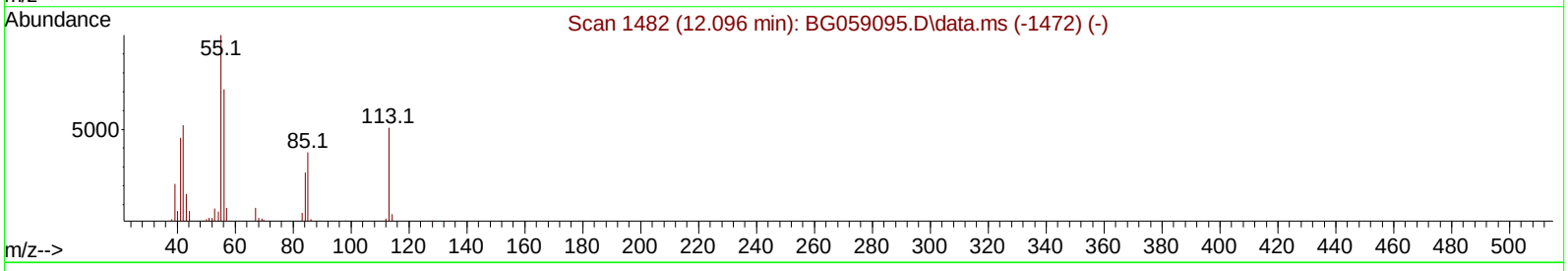
Instrument :
BNA_G
ClientSampleId :
SSTD040431

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023







TIC: BG059096.D\data.ms

(34) Caprolactam

12.205min (+ 0.109) 1.46 ng/ul

response 1297

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.00	221.99
56.00	140.40	126.77
0.00	0.00	0.00

Quantitation Report (Qedit)

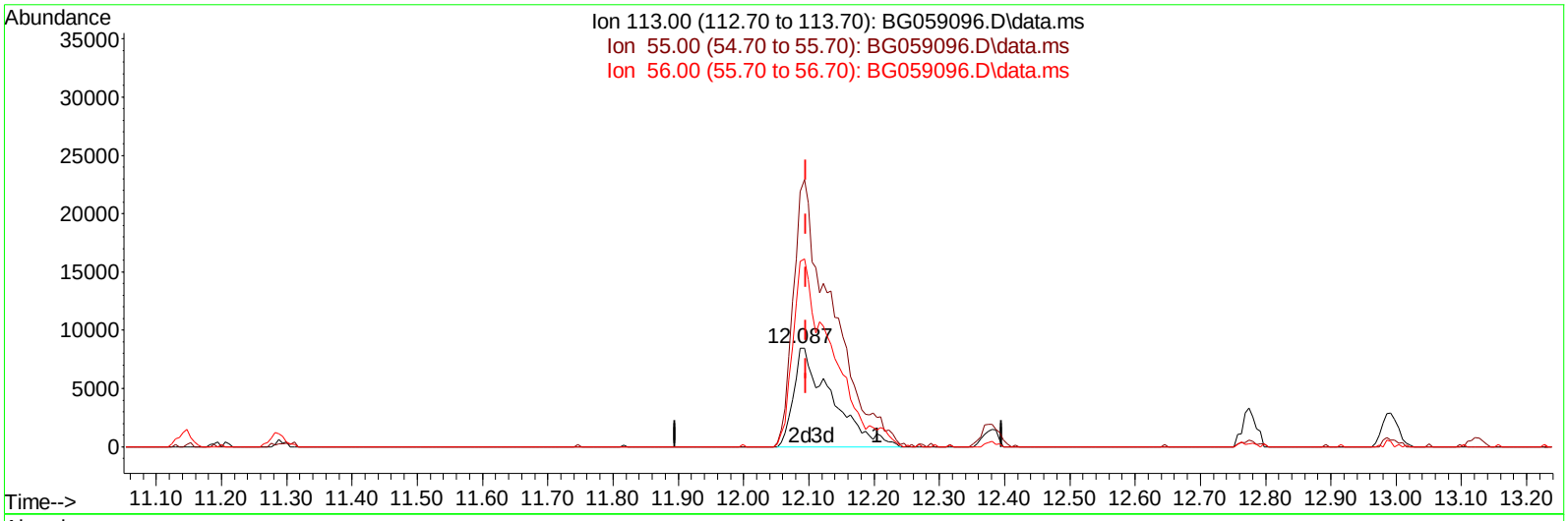
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091923\
Data File : BG059096.D
Acq On : 19 Sep 2023 19:43
Operator : MA/JU
Sample : SSTD04028
Misc :
ALS Vial : 5 Sample Multiplier: 1

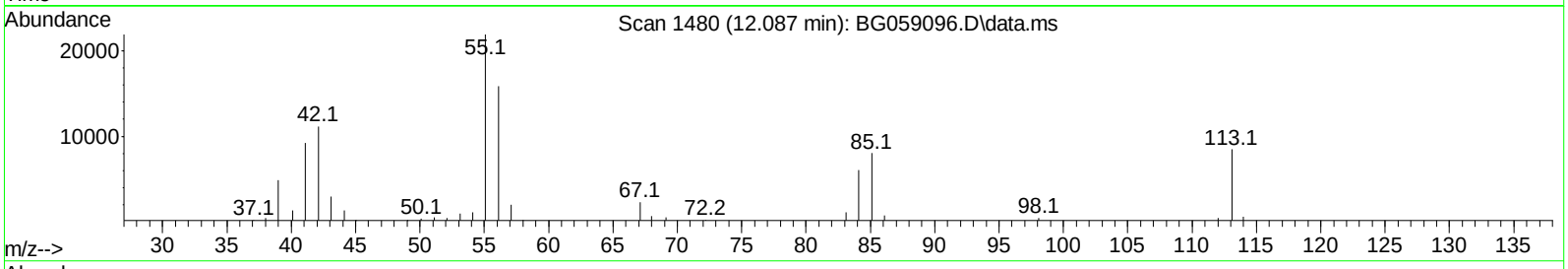
Quant Time: Sep 20 03:52:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 03:48:48 2023
Response via : Initial Calibration

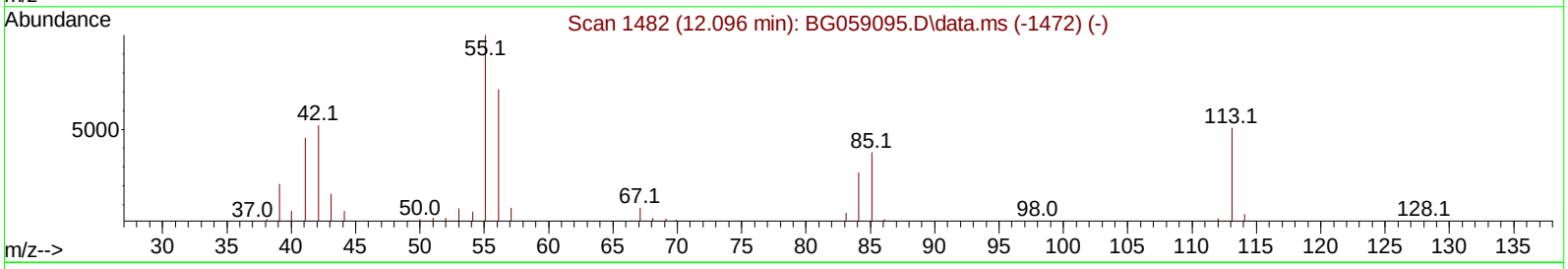
Instrument :
BNA_G
ClientSampleId :
SSTD040431

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023







TIC: BG059096.D\data.ms

(34) Caprolactam

12.087min (-0.009) 38.51 ng/ul m

response 34122

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.00	258.85#
56.00	140.40	187.76#
0.00	0.00	0.00

Quantitation Report (Qedit)

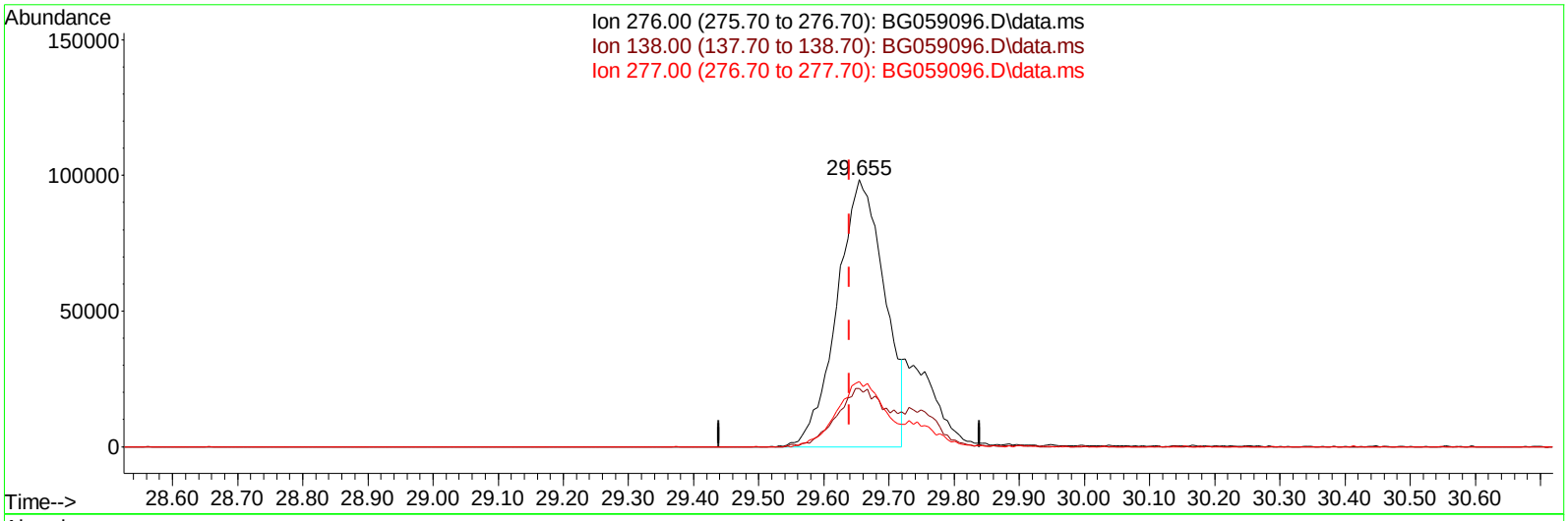
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091923\
Data File : BG059096.D
Acq On : 19 Sep 2023 19:43
Operator : MA/JU
Sample : SSTD04028
Misc :
ALS Vial : 5 Sample Multiplier: 1

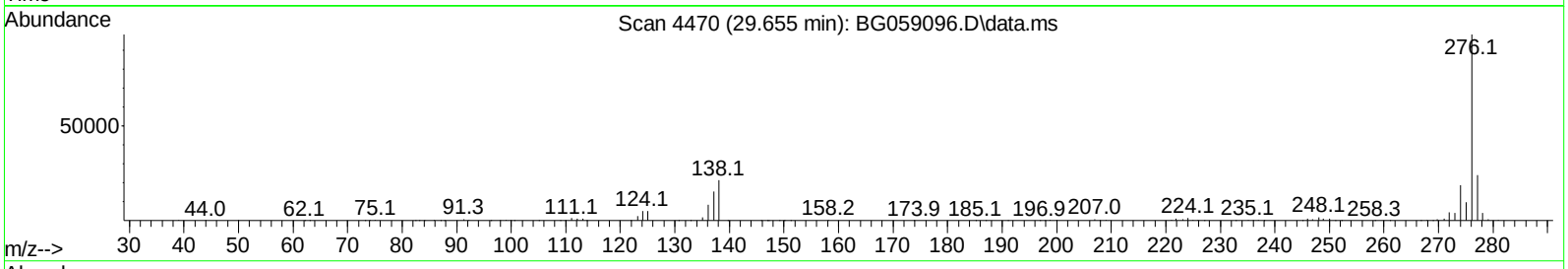
Quant Time: Sep 20 03:52:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 03:48:48 2023
Response via : Initial Calibration

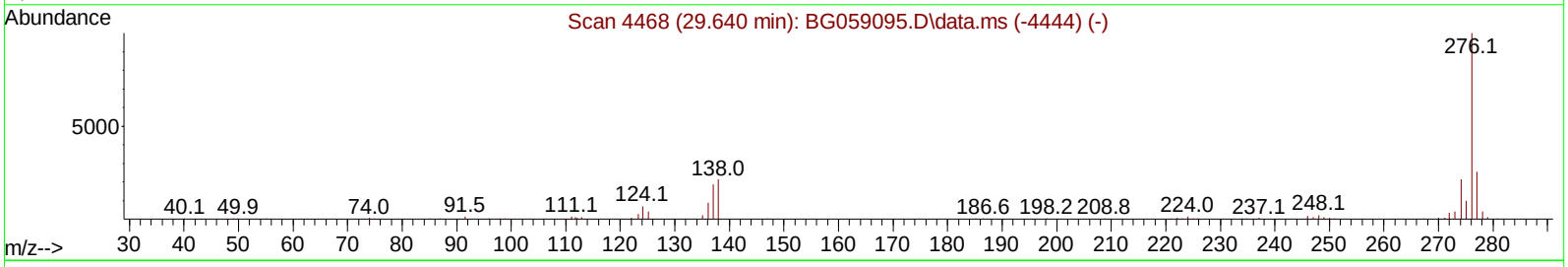
Instrument :
BNA_G
ClientSampleId :
SSTD040431

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023







TIC: BG059096.D\data.ms

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

29.655min (+ 0.015) 33.06 ng/ul

response 496589

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.40	21.76
277.00	25.50	24.41
0.00	0.00	0.00

Quantitation Report (Qedit)

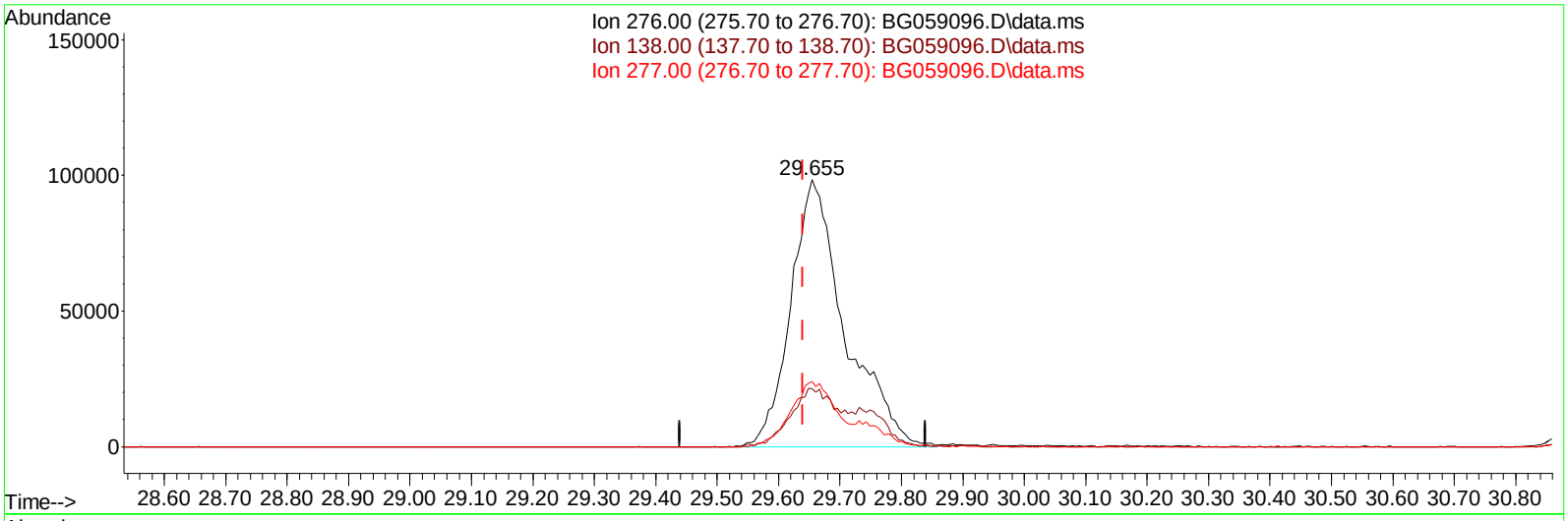
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091923\
Data File : BG059096.D
Acq On : 19 Sep 2023 19:43
Operator : MA/JU
Sample : SSTD04028
Misc :
ALS Vial : 5 Sample Multiplier: 1

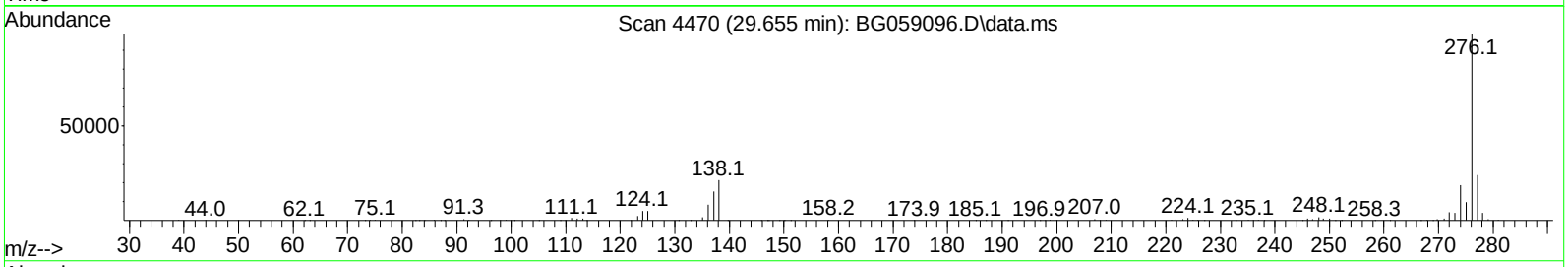
Quant Time: Sep 20 03:52:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 03:48:48 2023
Response via : Initial Calibration

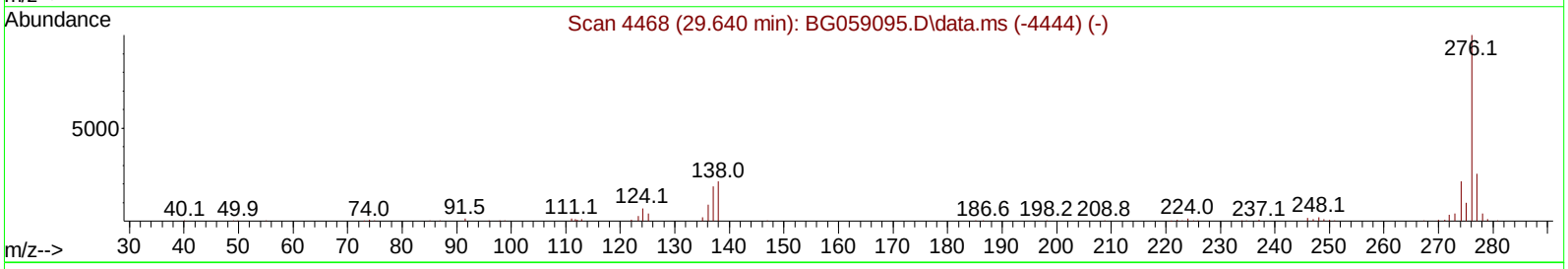
Instrument :
BNA_G
ClientSampleId :
SSTD040431

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023







TIC: BG059096.D\data.ms

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

29.655min (+ 0.015) 40.15 ng/ul m

response 603063

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.40	21.76
277.00	25.50	24.41
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091923\
Data File : BG059096.D
Acq On : 19 Sep 2023 19:43
Operator : MA/JU
Sample : SSTD04028
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 20 04:12:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 03:48:48 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD040431

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.303	152	28710	20.000	ng/ul	0.00
20) Naphthalene-d8	11.141	136	147133	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.925	164	95016	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.675	188	222990	20.000	ng/ul	0.00
79) Chrysene-d12	21.999	240	195384	20.000	ng/ul	0.00
88) Perylene-d12	25.542	264	225423	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.609	96	11690	17.754	ng/uL	0.00
4) Pyridine-d5	4.038	84	90506	40.243	ng/ul	0.00
7) Phenol-d5	7.410	99	118311	41.525	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.622	67	70720	40.210	ng/ul	0.00
11) 2-Chlorophenol-d4	7.816	132	88537	41.638	ng/ul	0.00
15) 4-Methylphenol-d8	8.985	113	94470	40.688	ng/ul	0.00
21) Nitrobenzene-d5	9.496	128	48118	40.233	ng/ul	0.00
24) 2-Nitrophenol-d4	10.219	143	51319	43.565	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.742	165	90711	39.723	ng/ul	0.00
31) 4-Chloroaniline-d4	11.288	131	144951	40.664	ng/ul	0.00
46) Dimethylphthalate-d6	14.326	166	301805	41.174	ng/ul	0.00
49) Acenaphthylene-d8	14.631	160	369251	45.591	ng/ul	0.00
54) 4-Nitrophenol-d4	15.107	143	57583	40.414	ng/ul	0.00
60) Fluorene-d10	15.918	176	278797	43.637	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.029	200	54604	42.928	ng/ul	0.00
73) Anthracene-d10	17.780	188	419271	41.307	ng/ul	0.00
81) Pyrene-d10	20.048	212	460772	41.190	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.307	264	453195	40.732	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.650	88	12578	13.791	ng/uL#	71
5) Pyridine	4.067	79	93579	40.905	ng/ul	87
6) Benzaldehyde	7.445	77	63959	42.755	ng/ul	93
8) Phenol	7.440	94	123537	41.957	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.716	93	97692	42.506	ng/ul	93
12) 2-Chlorophenol	7.845	128	89471	40.833	ng/ul	98
13) 2-Methylphenol	8.714	108	88238	37.373	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.803	45	200552	41.467	ng/ul	98
16) Acetophenone	9.143	105	146705	39.160	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.114	70	74523	37.886	ng/ul	95
18) 4-Methylphenol	9.049	108	96340	37.221	ng/ul	95
19) Hexachloroethane	9.390	117	34476	39.135	ng/ul	93
22) Nitrobenzene	9.543	77	106038	36.722	ng/ul	94
23) Isophorone	10.048	82	229082	39.360	ng/ul	98
25) 2-Nitrophenol	10.248	139	54070	41.075	ng/ul	94
26) 2,4-Dimethylphenol	10.272	107	100354	38.612	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.530	93	141372	41.594	ng/ul	99
29) 2,4-Dichlorophenol	10.765	162	92838	40.312	ng/ul	99
30) Naphthalene	11.194	128	323440	40.715	ng/ul	99
32) 4-Chloroaniline	11.311	127	138765	40.464	ng/ul	94
33) Hexachlorobutadiene	11.423	225	59467	43.902	ng/ul#	79
34) Caprolactam	12.087	113	34122m	38.505	ng/ul	
35) 4-Chloro-3-methylphenol	12.375	107	97557	36.386	ng/ul	97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091923\
Data File : BG059096.D
Acq On : 19 Sep 2023 19:43
Operator : MA/JU
Sample : SSTD04028
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 20 04:12:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 03:48:48 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD040431

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.774	142	217039	40.347	ng/ul	95
37) 1-Methylnaphthalene	12.992	142	222536	40.513	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.121	216	111129	43.440	ng/ul	99
40) Hexachlorocyclopentadiene	13.068	237	71359	45.940	ng/ul	98
41) 2,4,6-Trichlorophenol	13.356	196	75965	41.215	ng/ul	95
42) 2,4,5-Trichlorophenol	13.427	196	82569	41.236	ng/ul	98
43) 1,1'-Biphenyl	13.767	154	307358	44.063	ng/ul	96
44) 2-Chloronaphthalene	13.820	162	234497	41.185	ng/ul	97
45) 2-Nitroaniline	14.032	65	77429	39.449	ng/ul	97
47) Dimethylphthalate	14.373	163	306419	41.167	ng/ul	99
48) 2,6-Dinitrotoluene	14.514	165	60970	41.390	ng/ul#	92
50) Acenaphthylene	14.660	152	386700	41.096	ng/ul	100
51) 3-Nitroaniline	14.848	138	63587	41.395	ng/ul	99
52) Acenaphthene	14.995	153	266329	43.190	ng/ul	98
53) 2,4-Dinitrophenol	15.048	184	35383	43.606	ng/ul#	90
55) 4-Nitrophenol	15.119	109	37132	36.189	ng/ul	96
56) Dibenzofuran	15.324	168	354315	40.586	ng/ul	100
57) 2,4-Dinitrotoluene	15.289	165	86763	41.066	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.530	232	75770	42.387	ng/ul#	87
59) Diethylphthalate	15.718	149	302245	39.978	ng/ul	99
61) Fluorene	15.971	166	303775	40.678	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.953	204	149613	43.308	ng/ul	97
63) 4-Nitroaniline	16.018	138	60222	41.617	ng/ul	89
66) 4,6-Dinitro-2-methylph...	16.041	198	57915	42.356	ng/ul#	96
67) N-Nitrosodiphenylamine	16.176	169	245385	38.071	ng/ul	96
68) 4-Bromophenyl-phenylether	16.852	248	87931	39.853	ng/ul	95
69) Hexachlorobenzene	16.946	284	100856	40.534	ng/ul	94
70) Atrazine	17.111	200	96090	40.517	ng/ul	98
71) Pentachlorophenol	17.299	266	67083	42.109	ng/ul	96
72) Phenanthrene	17.722	178	505046	40.631	ng/ul	98
74) Anthracene	17.816	178	521709	40.522	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.726	216	120874	44.230	ng/uL	95
76) Pentachlorobenzene	15.219	250	110679	42.238	ng/uL	97
77) Carbazole	18.086	167	441478	38.869	ng/ul	97
78) Di-n-butylphthalate	18.597	149	533988	36.014	ng/ul	99
80) Fluoranthene	19.713	202	577780	41.163	ng/ul	99
82) Pyrene	20.078	202	603684	41.183	ng/ul	99
83) Butylbenzylphthalate	20.935	149	219976	37.603	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.887	252	200474	42.689	ng/ul	98
85) Benzo(a)anthracene	21.975	228	572180	40.615	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.811	149	330025	37.112	ng/ul	99
87) Chrysene	22.052	228	534547	40.938	ng/ul	99
89) Di-n-octyl phthalate	23.139	149	566759	37.478	ng/ul	100
90) Benzo(b)fluoranthene	24.402	252	566373	40.075	ng/ul	99
91) Benzo(k)fluoranthene	24.478	252	585366	41.451	ng/ul	100
93) Benzo(a)pyrene	25.383	252	538669	40.303	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.655	276	603063m	40.153	ng/ul	
95) Dibenzo(a,h)anthracene	29.749	278	492592	41.096	ng/ul	99
96) Benzo(g,h,i)perylene	30.971	276	481519	39.336	ng/ul	97

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

Instrument :
BNA_G
ClientSampleId :
SSTD040431

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091923\
Data File : BG059096.D
Acq On : 19 Sep 2023 19:43
Operator : MA/JU
Sample : SSTD04028
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 20 04:12:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 03:48:48 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD040431

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023