Quantitation Report (Qedit)

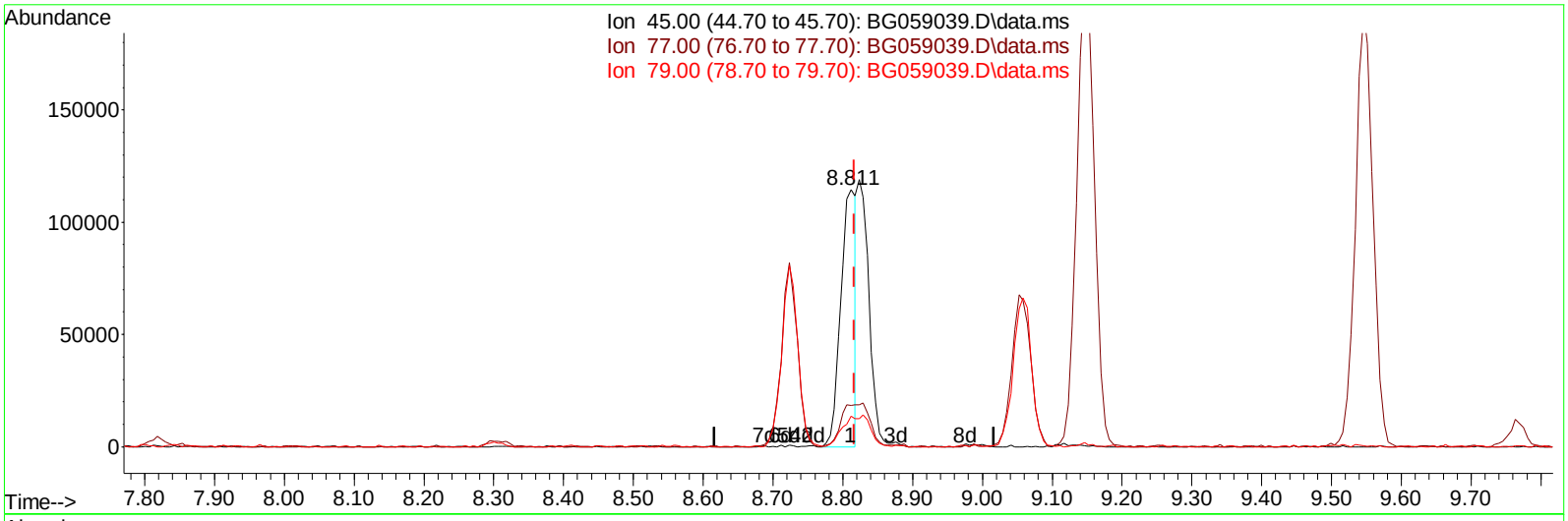
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091323\
Data File : BG059039.D
Acq On : 13 Sep 2023 13:54
Operator : MA/JU
Sample : PB155387BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

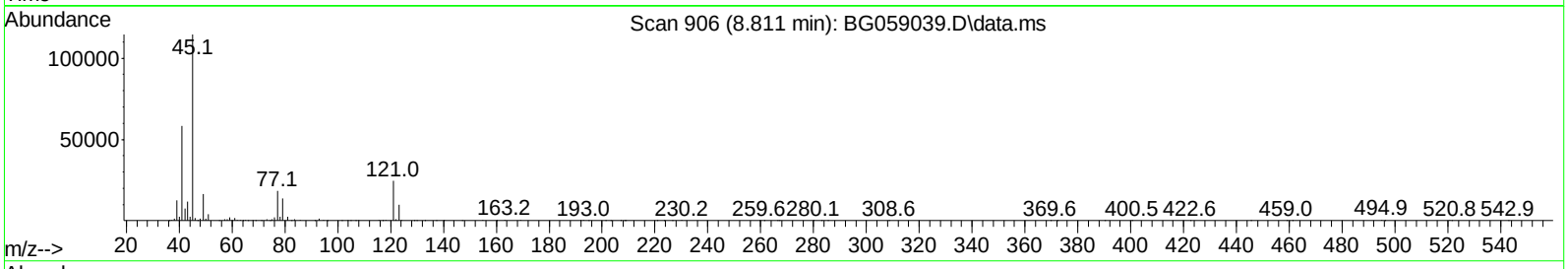
Quant Time: Sep 14 01:04:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 12 23:54:19 2023
Response via : Initial Calibration

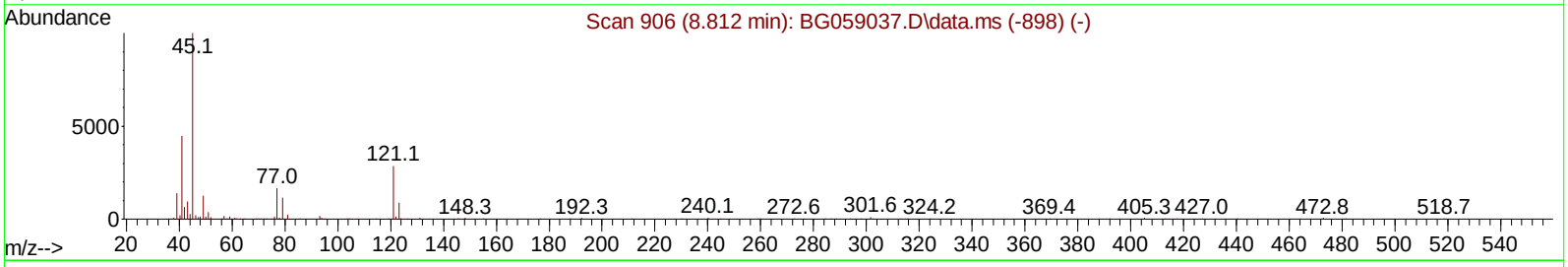
Instrument :
BNA_G
ClientSampleId :
SLCS387

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/14/2023







TIC: BG059039.D\data.ms

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

8.811min (-0.005) 20.15 ng/ul

response 172531

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.50	16.06
79.00	12.20	12.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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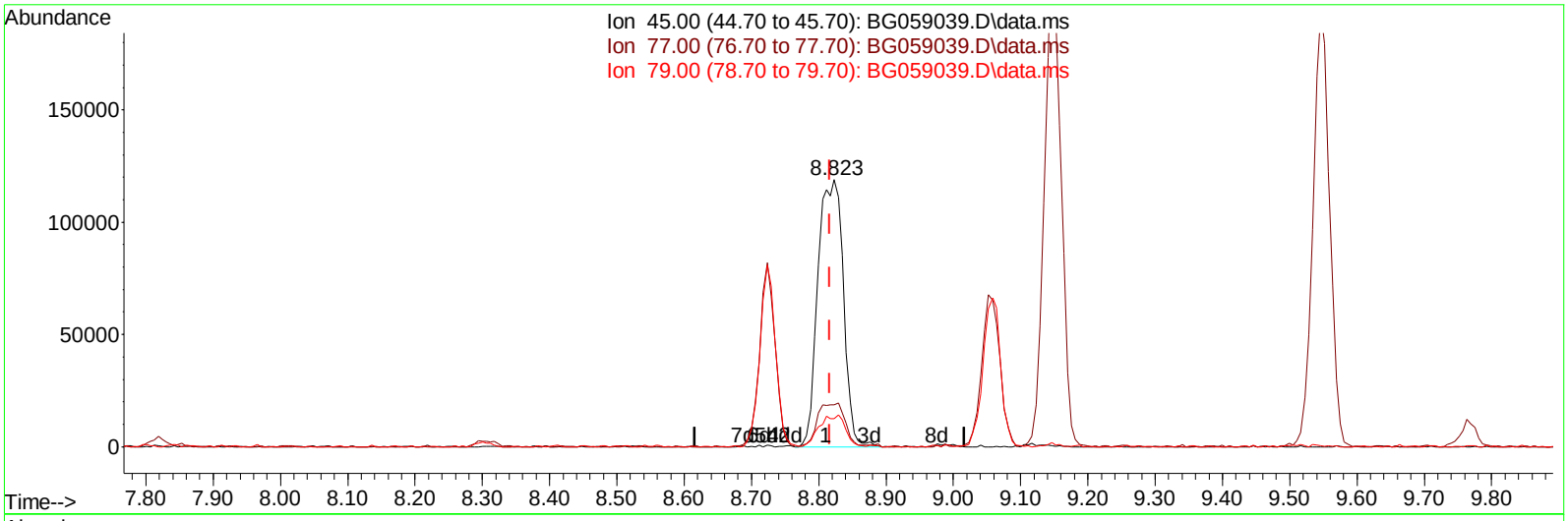

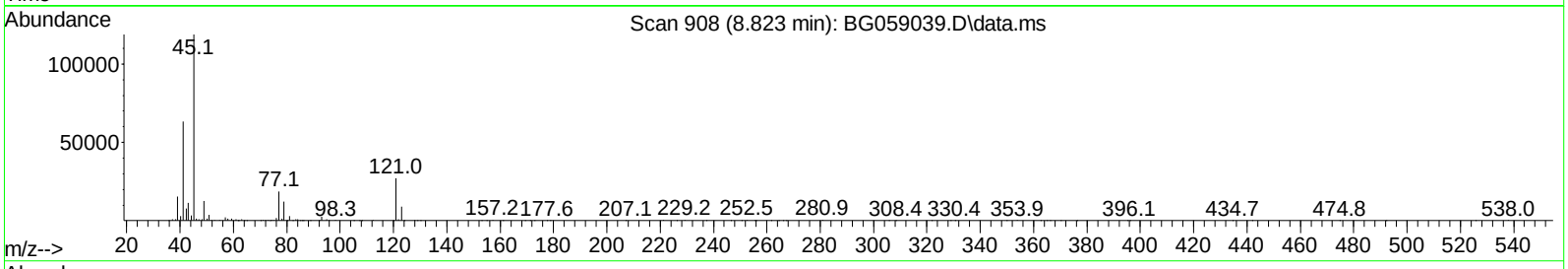

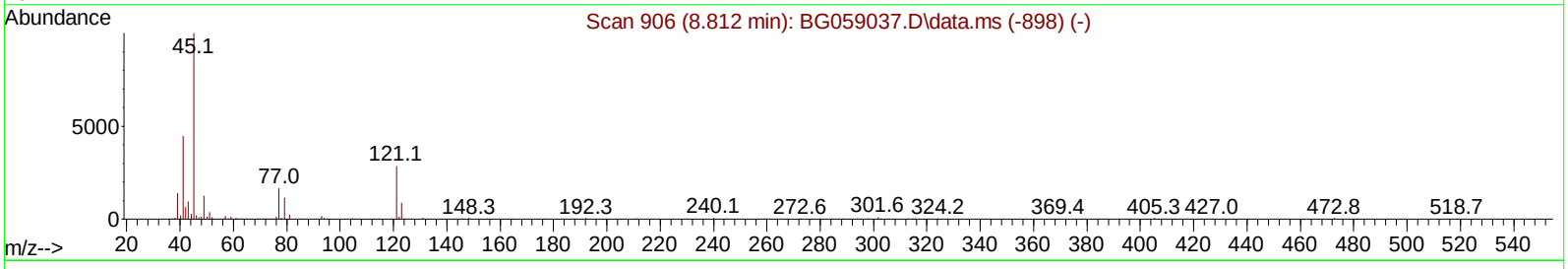

TIC: BG059039.D\data.ms

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

8.823min (+ 0.007) 36.32 ng/ul m

response 310915

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.50	15.78
79.00	12.20	10.40
0.00	0.00	0.00

Quantitation Report (Qedit)

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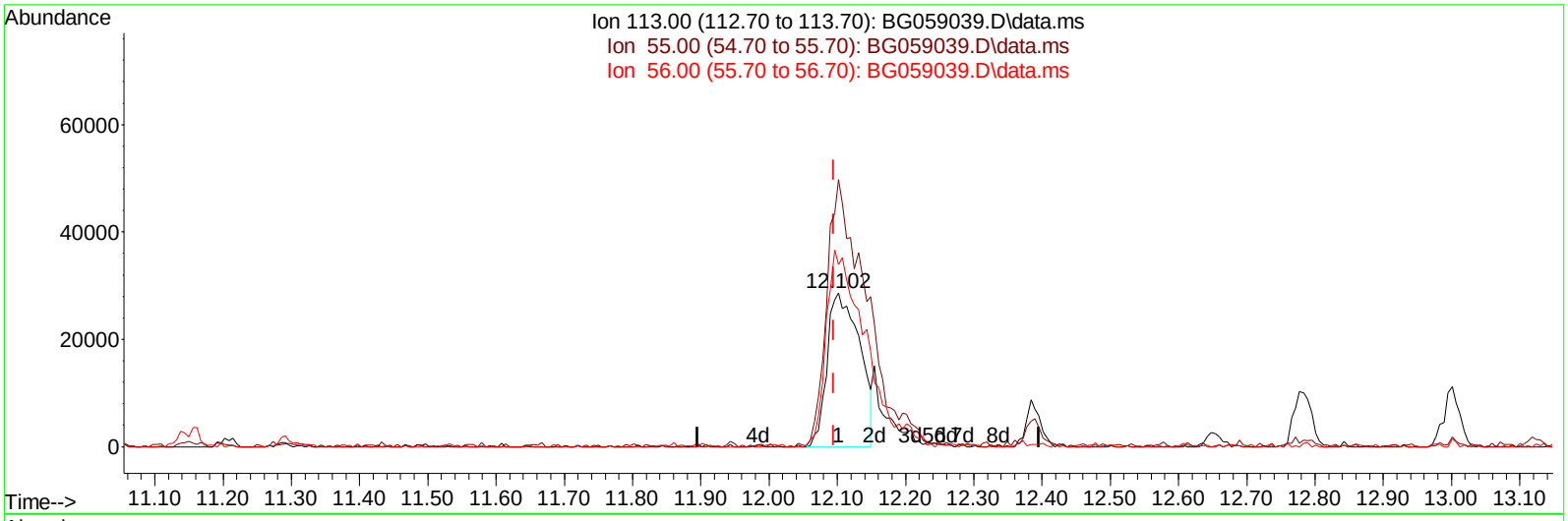

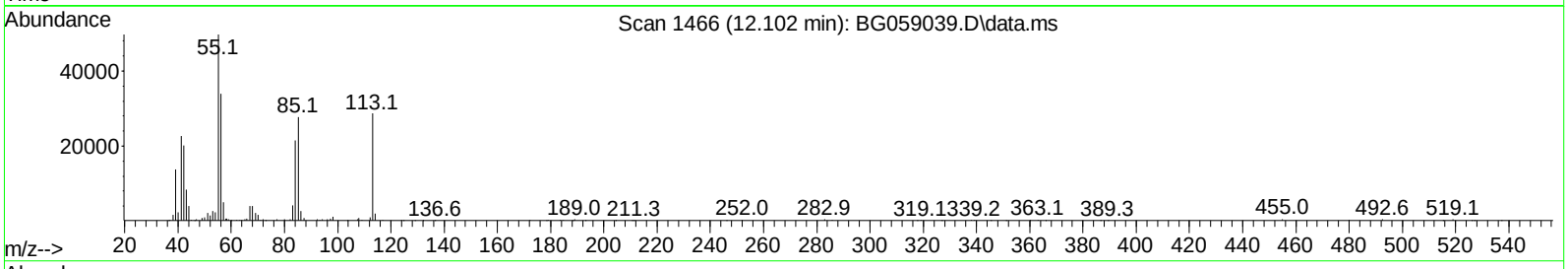

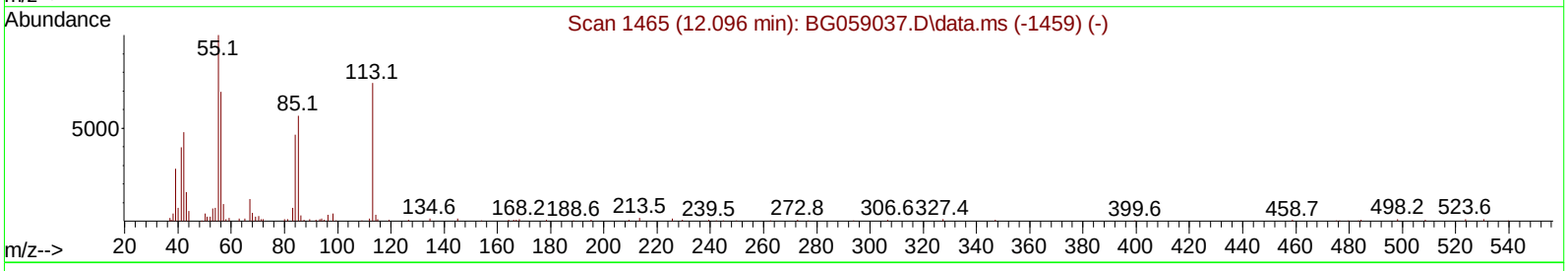

TIC: BG059039.D\data.ms

(34) Caprolactam

12.102min (+ 0.007) 36.84 ng/ul

response 94892

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.60	173.49
56.00	113.00	118.28
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 13 Sep 2023 13:54
Operator : MA/JU
Sample : PB155387BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 14 01:04:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 12 23:54:19 2023
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Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

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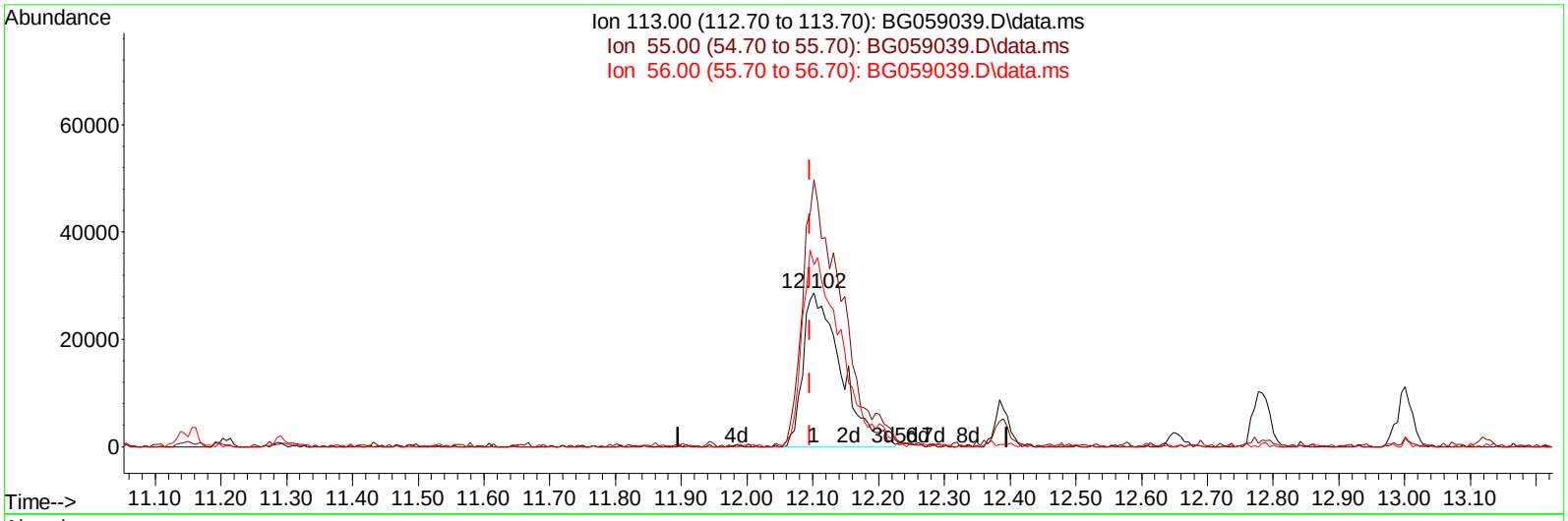

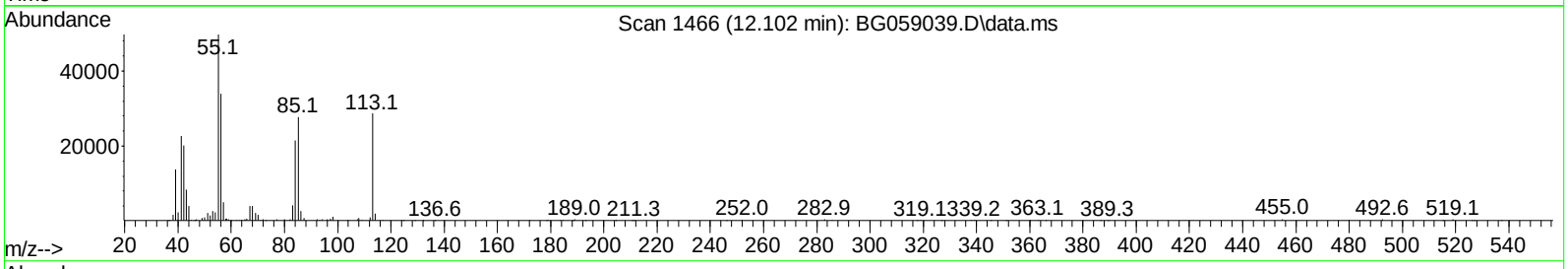

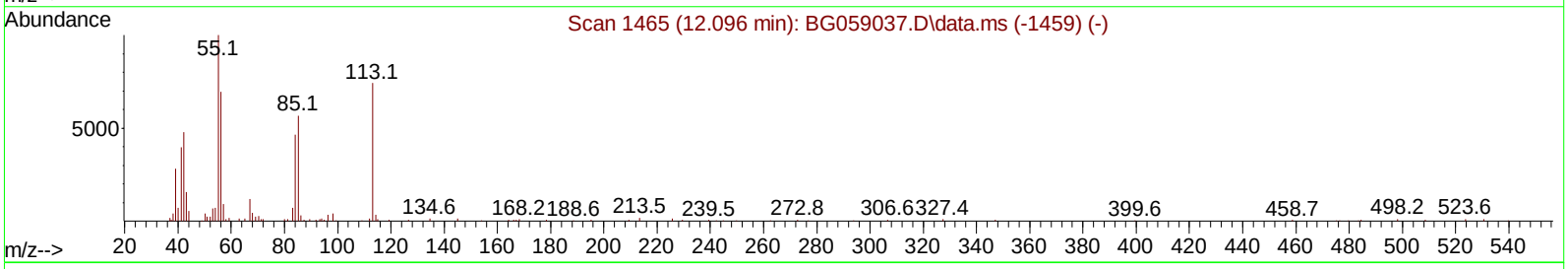

TIC: BG059039.D\data.ms

(34) Caprolactam

12.102min (+ 0.007) 44.74 ng/ul m

response 115237

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.60	173.49
56.00	113.00	118.28
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091323\
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Acq On : 13 Sep 2023 13:54
Operator : MA/JU
Sample : PB155387BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 14 01:04:28 2023
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BNA_G
ClientSampleId :
SLCS387

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/14/2023
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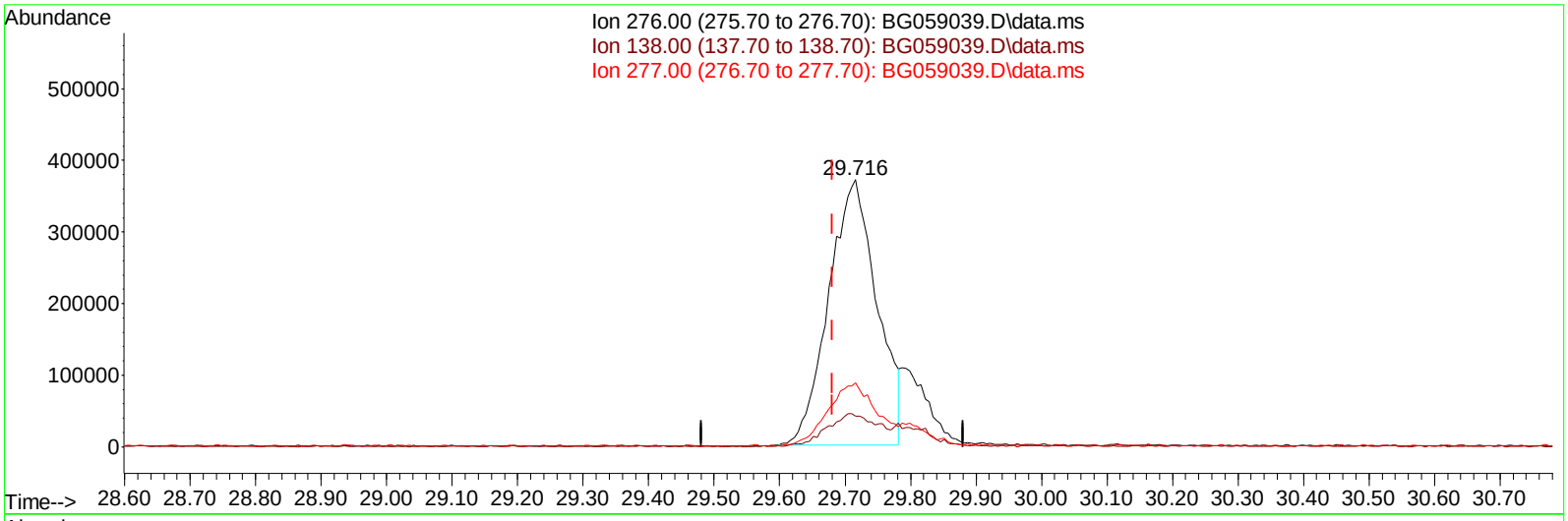
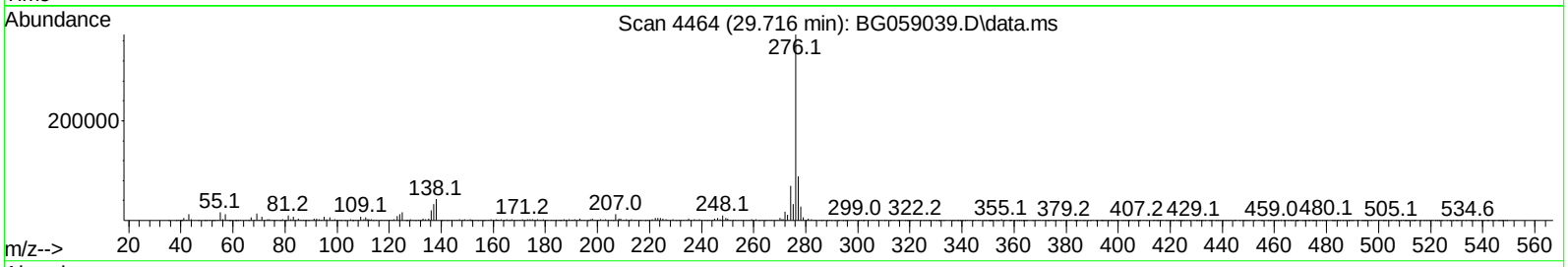
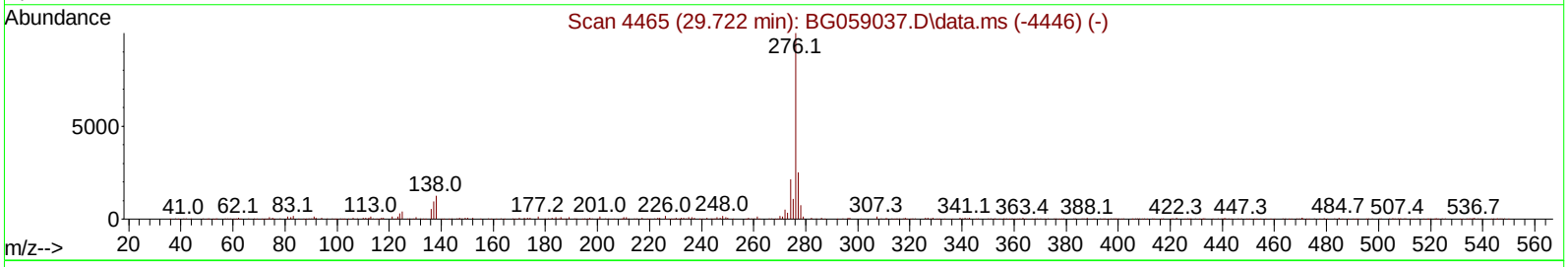






TIC: BG059039.D\data.ms

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

29.716min (+ 0.036) 29.29 ng/ul

response 1897277

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.80	11.44#
277.00	25.90	23.86
0.00	0.00	0.00

Quantitation Report (Qedit)

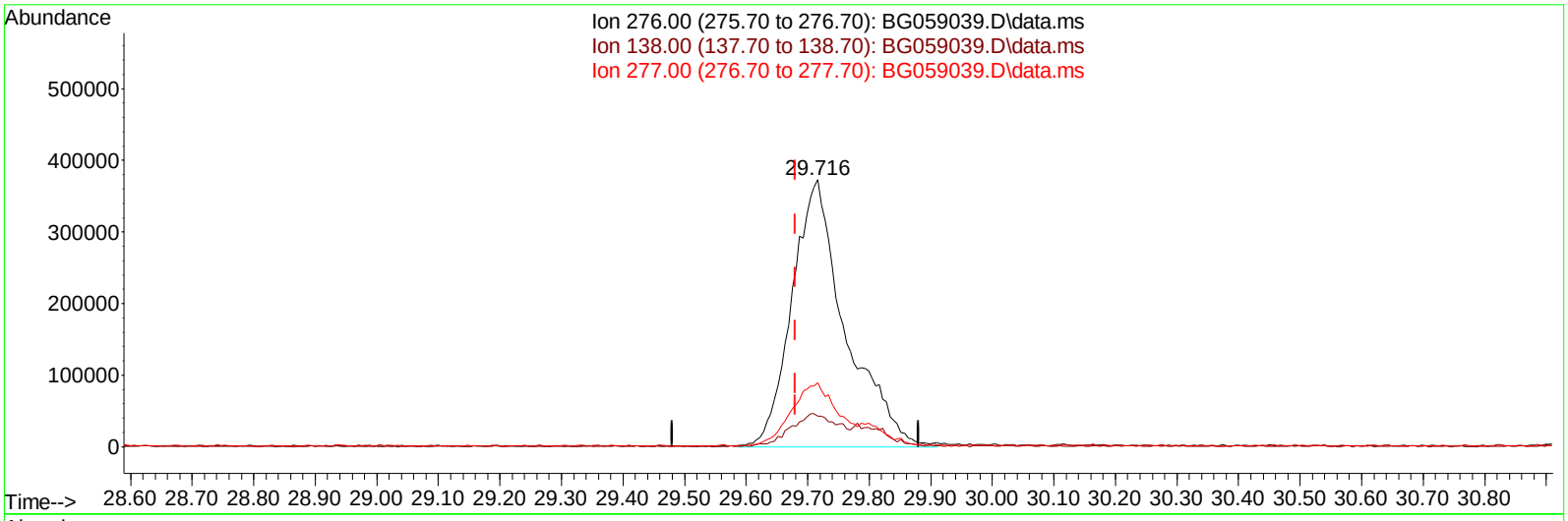
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091323\
Data File : BG059039.D
Acq On : 13 Sep 2023 13:54
Operator : MA/JU
Sample : PB155387BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

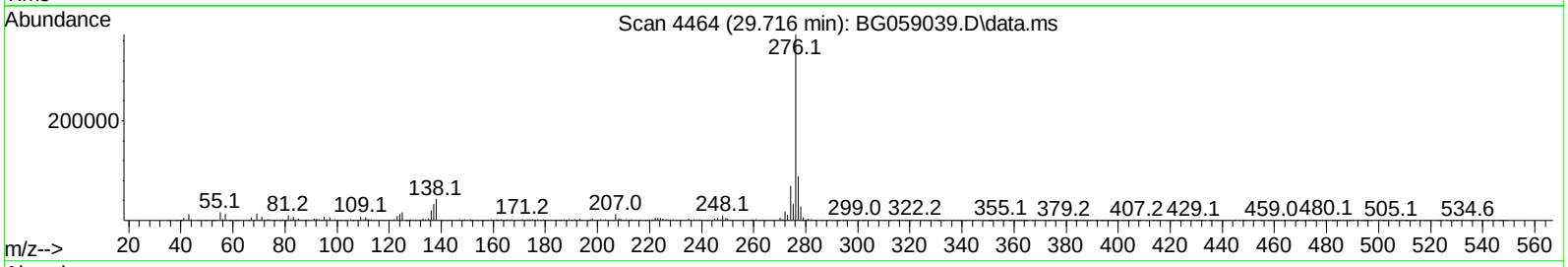
Quant Time: Sep 14 01:04:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 12 23:54:19 2023
Response via : Initial Calibration

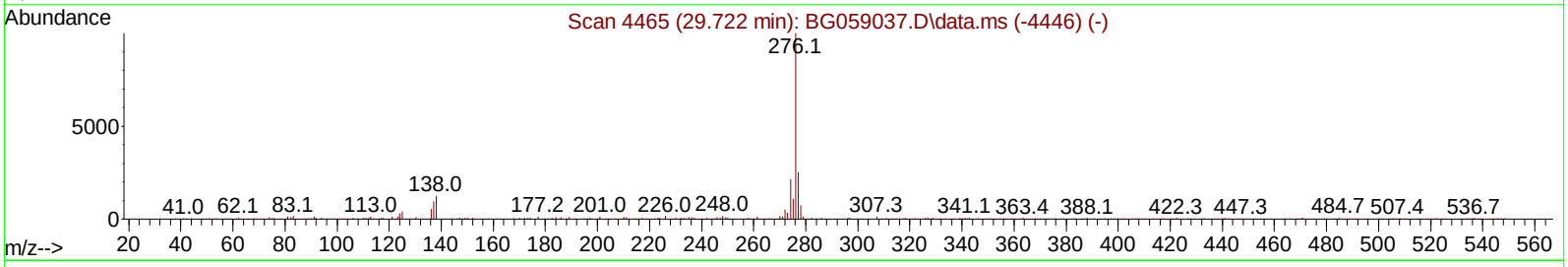
Instrument :
BNA_G
ClientSampleId :
SLCS387

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/14/2023







TIC: BG059039.D\data.ms

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

29.716min (+ 0.036) 34.73 ng/ul m

response 2249408

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.80	11.44#
277.00	25.90	23.86
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091323\
Data File : BG059039.D
Acq On : 13 Sep 2023 13:54
Operator : MA/JU
Sample : PB155387BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 14 01:21:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 12 23:54:19 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS387

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/14/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.306	152	90958	20.000	ng/ul		0.00
20) Naphthalene-d8	11.156	136	452920	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.940	164	350000	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.689	188	921876	20.000	ng/ul	#	0.00
79) Chrysene-d12	22.014	240	755080	20.000	ng/ul		0.00
88) Perylene-d12	25.580	264	922409	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.612	96	15345	7.171	ng/uL		-0.02
4) Pyridine-d5	4.046	84	183656	27.107	ng/ul		-0.01
7) Phenol-d5	7.419	99	317466	34.612	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.625	67	174131	32.376	ng/ul		0.00
11) 2-Chlorophenol-d4	7.819	132	211454	35.945	ng/ul		0.00
15) 4-Methylphenol-d8	8.994	113	254916	35.973	ng/ul		0.00
21) Nitrobenzene-d5	9.505	128	110864	33.746	ng/ul		0.00
24) 2-Nitrophenol-d4	10.222	143	129235	35.850	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.750	165	271723	35.467	ng/ul		0.00
31) 4-Chloroaniline-d4	11.291	131	199636	19.377	ng/ul		0.00
46) Dimethylphthalate-d6	14.329	166	966117	35.586	ng/ul		0.00
49) Acenaphthylene-d8	14.640	160	1002152	33.148	ng/ul		0.00
54) 4-Nitrophenol-d4	15.110	143	168079	37.271	ng/ul		0.00
60) Fluorene-d10	15.921	176	849718	35.268	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	16.032	200	185194	40.925	ng/ul		0.00
73) Anthracene-d10	17.789	188	1420697	34.715	ng/ul		0.00
81) Pyrene-d10	20.057	212	1548635	38.717	ng/ul		0.00
92) Benzo(a)pyrene-d12	25.327	264	1510638	33.409	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.647	88	31408	11.391	ng/uL	#	87
5) Pyridine	4.070	79	201083	27.796	ng/ul		94
6) Benzaldehyde	7.454	77	149842	26.714	ng/ul		85
8) Phenol	7.448	94	354688	36.364	ng/ul		99
10) Bis(2-Chloroethyl)ether	7.719	93	241531	33.880	ng/ul		95
12) 2-Chlorophenol	7.854	128	224107	36.856	ng/ul		94
13) 2-Methylphenol	8.723	108	282803	38.506	ng/ul		95
14) 2,2'-oxybis(1-Chloropr...	8.823	45	310915m	36.320	ng/ul		
16) Acetophenone	9.146	105	448998	38.217	ng/ul		99
17) N-Nitroso-di-n-propyla...	9.111	70	255339	38.771	ng/ul	#	97
18) 4-Methylphenol	9.058	108	308954	38.519	ng/ul		99
19) Hexachloroethane	9.393	117	92715	36.381	ng/ul		92
22) Nitrobenzene	9.546	77	337174	34.282	ng/ul		97
23) Isophorone	10.057	82	755030	36.140	ng/ul		96
25) 2-Nitrophenol	10.257	139	141427	38.476	ng/ul		90
26) 2,4-Dimethylphenol	10.274	107	347653	38.164	ng/ul		93
27) Bis(2-Chloroethoxy)met...	10.539	93	394804	35.259	ng/ul		99
29) 2,4-Dichlorophenol	10.774	162	266483	36.717	ng/ul		95
30) Naphthalene	11.203	128	843202	35.318	ng/ul		98
32) 4-Chloroaniline	11.320	127	283581	28.669	ng/ul		95
33) Hexachlorobutadiene	11.432	225	193208	34.023	ng/ul		94
34) Caprolactam	12.102	113	115237m	44.739	ng/ul		
35) 4-Chloro-3-methylphenol	12.390	107	345501	38.745	ng/ul		90

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/14/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.783	142	625191	35.094	ng/ul	96
37) 1-Methylnaphthalene	13.001	142	616759	35.099	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	13.124	216	387960	33.958	ng/ul	97
40) Hexachlorocyclopentadiene	13.077	237	264672	31.484	ng/ul	88
41) 2,4,6-Trichlorophenol	13.365	196	249503	34.400	ng/ul	96
42) 2,4,5-Trichlorophenol	13.435	196	277561	35.348	ng/ul	95
43) 1,1'-Biphenyl	13.770	154	926279	35.404	ng/ul	99
44) 2-Chloronaphthalene	13.829	162	693864	34.724	ng/ul	95
45) 2-Nitroaniline	14.041	65	233418	38.089	ng/ul	92
47) Dimethylphthalate	14.381	163	977512	38.080	ng/ul	100
48) 2,6-Dinitrotoluene	14.522	165	204038	41.785	ng/ul	99
50) Acenaphthylene	14.669	152	1134121	34.409	ng/ul	96
51) 3-Nitroaniline	14.857	138	190242	40.598	ng/ul#	88
52) Acenaphthene	15.004	153	789317	35.686	ng/ul	98
53) 2,4-Dinitrophenol	15.057	184	124532	39.567	ng/ul	92
55) 4-Nitrophenol	15.128	109	207136	38.930	ng/ul	94
56) Dibenzofuran	15.333	168	1164165	36.338	ng/ul	97
57) 2,4-Dinitrotoluene	15.298	165	292123	43.356	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.539	232	284986	37.996	ng/ul#	98
59) Diethylphthalate	15.727	149	1022342	40.397	ng/ul	95
61) Fluorene	15.985	166	1003119	38.096	ng/ul#	98
62) 4-Chlorophenyl-phenyle...	15.962	204	536336	38.494	ng/ul	92
63) 4-Nitroaniline	16.021	138	209209	47.108	ng/ul#	80
66) 4,6-Dinitro-2-methylph...	16.050	198	191985	38.872	ng/ul#	92
67) N-Nitrosodiphenylamine	16.185	169	862382	35.490	ng/ul	99
68) 4-Bromophenyl-phenylether	16.861	248	364487	36.041	ng/ul	91
69) Hexachlorobenzene	16.955	284	413649	35.629	ng/ul	96
70) Atrazine	17.113	200	139399	14.659	ng/ul	97
71) Pentachlorophenol	17.307	266	241448	33.739	ng/ul	95
72) Phenanthrene	17.730	178	1682051	35.951	ng/ul	98
74) Anthracene	17.824	178	1713314	36.029	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.729	216	41649	3.131	ng/uL	97
76) Pentachlorobenzene	15.227	250	444280	34.559	ng/uL	97
77) Carbazole	18.095	167	1498948	37.642	ng/ul	98
78) Di-n-butylphthalate	18.606	149	1740982	39.438	ng/ul	98
80) Fluoranthene	19.722	202	1963506	42.272	ng/ul#	97
82) Pyrene	20.086	202	1934763	40.067	ng/ul#	95
83) Butylbenzylphthalate	20.950	149	669589	43.881	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.902	252	588174	35.110	ng/ul	96
85) Benzo(a)anthracene	21.990	228	1835412	36.246	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.826	149	980743	42.915	ng/ul	98
87) Chrysene	22.067	228	1729359	36.737	ng/ul	98
89) Di-n-octyl phthalate	23.159	149	1705276	40.188	ng/ul	100
90) Benzo(b)fluoranthene	24.423	252	1948670	35.464	ng/ul	98
91) Benzo(k)fluoranthene	24.505	252	1901619	33.865	ng/ul	96
93) Benzo(a)pyrene	25.410	252	1701483	33.189	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.716	276	2249408m	34.725	ng/ul	
95) Dibenzo(a,h)anthracene	29.793	278	1784461	33.245	ng/ul	95
96) Benzo(g,h,i)perylene	31.032	276	1805490	35.214	ng/ul	96

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

Instrument :
BNA_G
ClientSampleId :
SLCS387

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/14/2023

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091323\
Data File : BG059039.D
Acq On : 13 Sep 2023 13:54
Operator : MA/JU
Sample : PB155387BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 14 01:21:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 12 23:54:19 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS387

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/14/2023