Quantitation Report (Qedit)

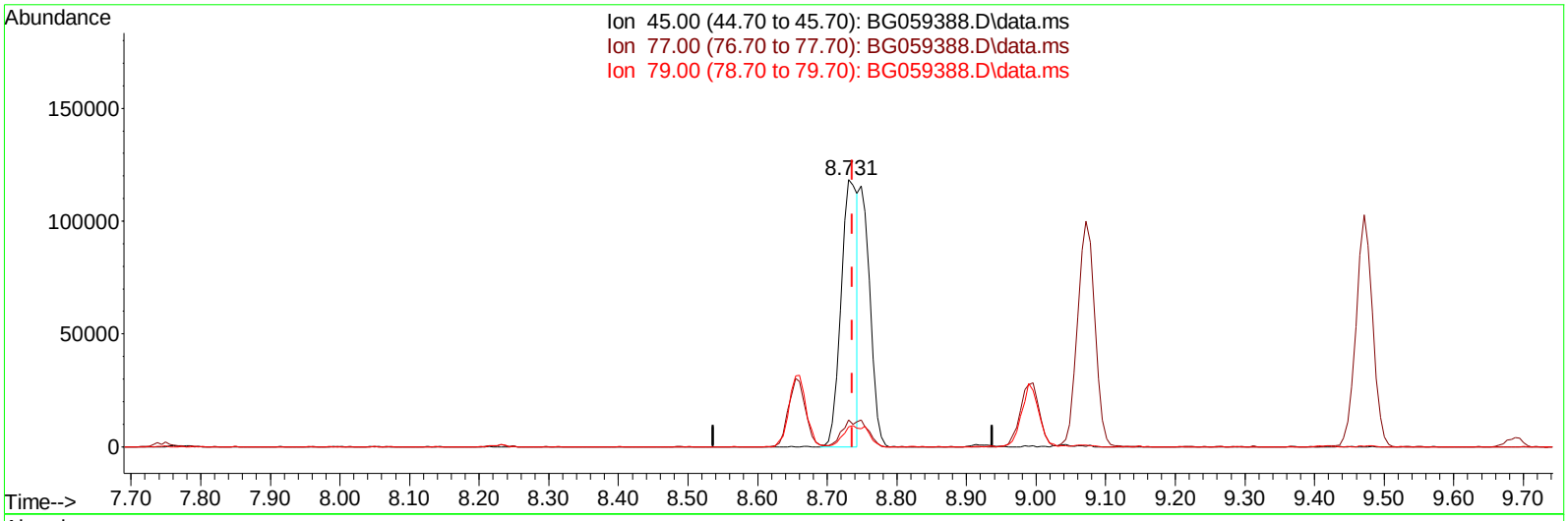
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059388.D
Acq On : 8 Oct 2023 23:18
Operator : MA/JU
Sample : PB156048BS
Misc :
ALS Vial : 46 Sample Multiplier: 1

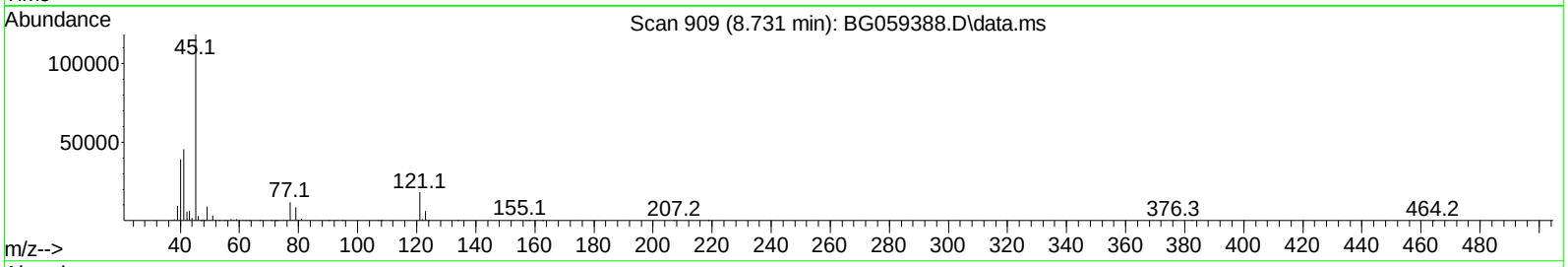
Quant Time: Oct 09 01:05:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

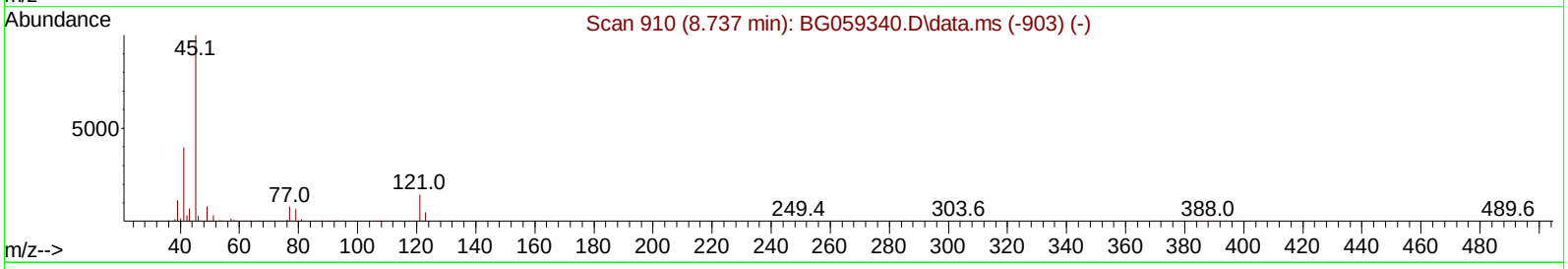
Instrument :
BNA_G
ClientSampleId :
SLCS048

Manual IntegrationsAPPROVED

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







TIC: BG059388.D\data.ms

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

8.731min (-0.006) 24.12 ng/ul

response 194370

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	8.30	9.97#
79.00	7.30	7.37
0.00	0.00	0.00

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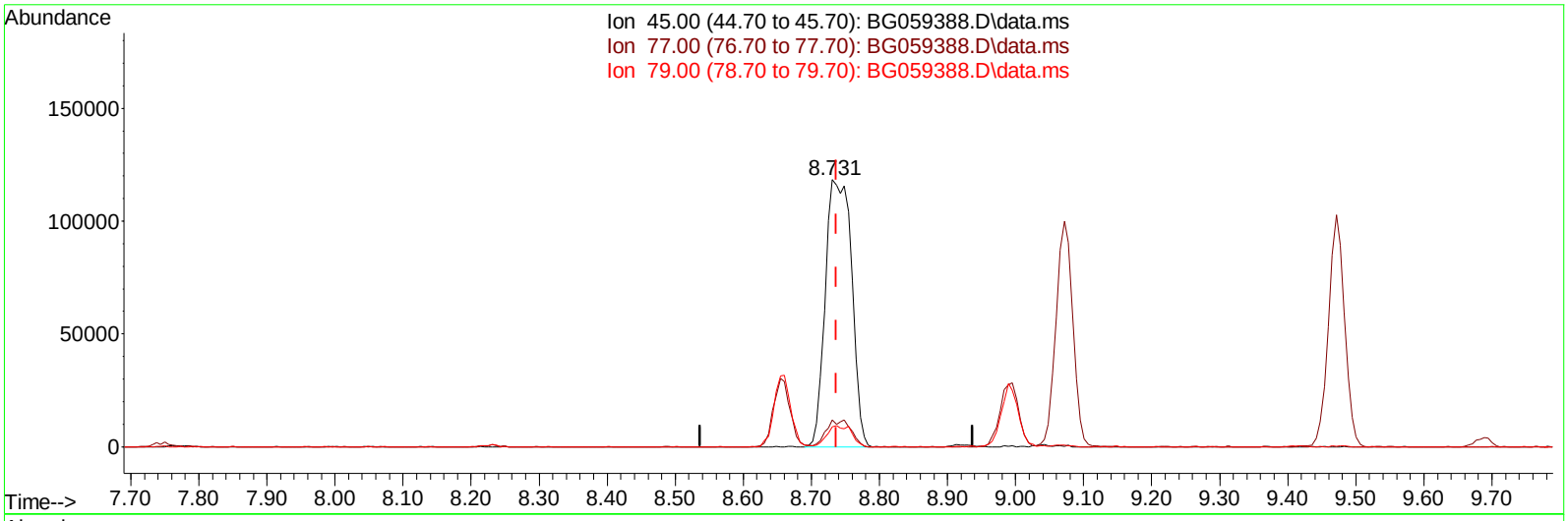

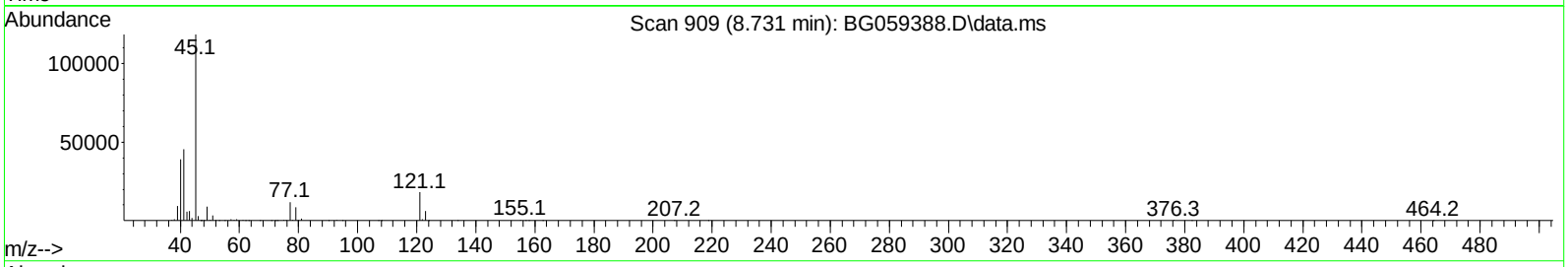

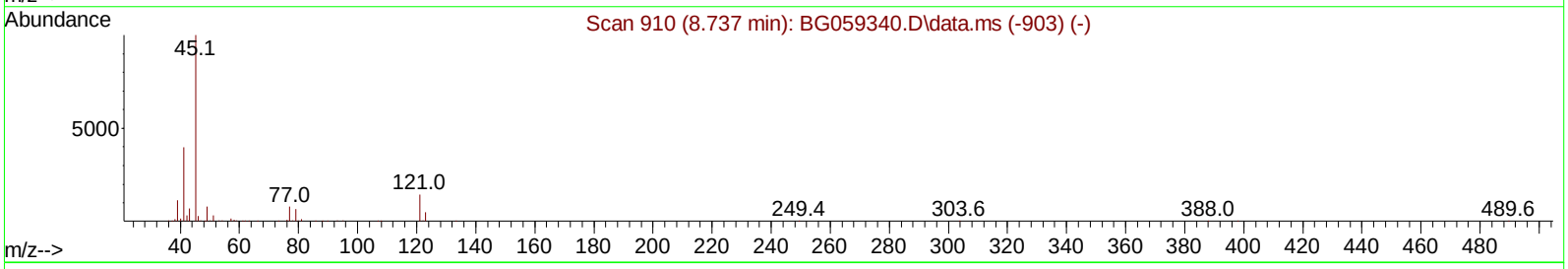

TIC: BG059388.D\data.ms

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

8.731min (-0.006) 39.47 ng/ul m

response 318060

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	8.30	9.97#
79.00	7.30	7.37
0.00	0.00	0.00

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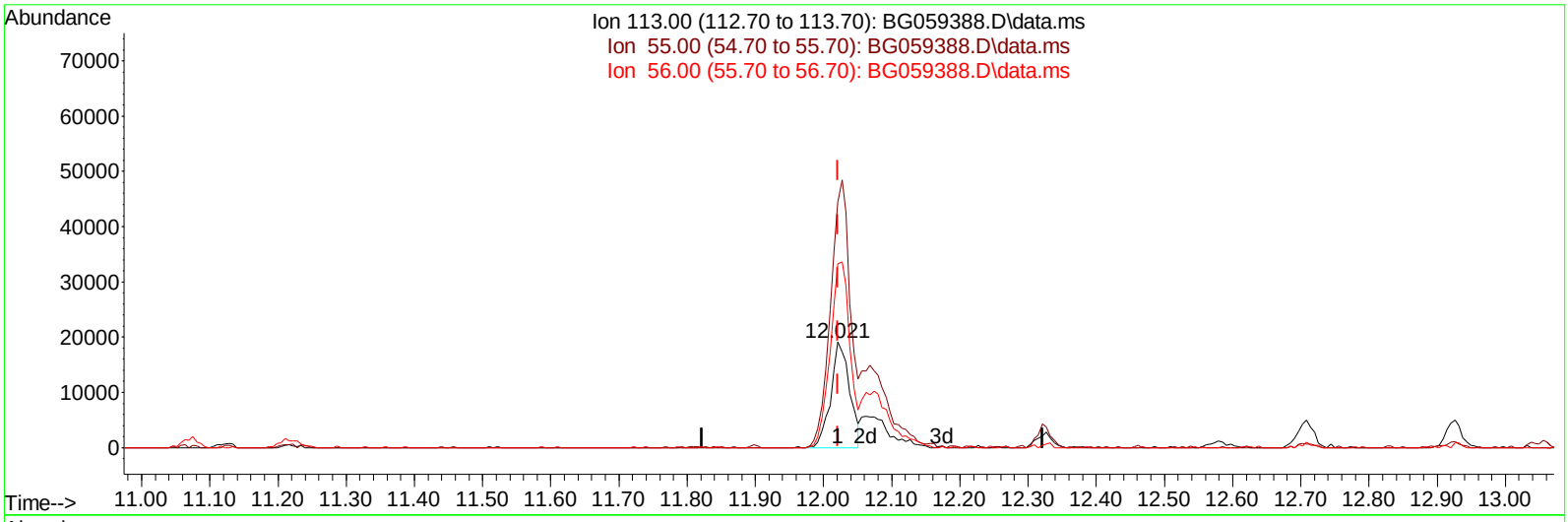

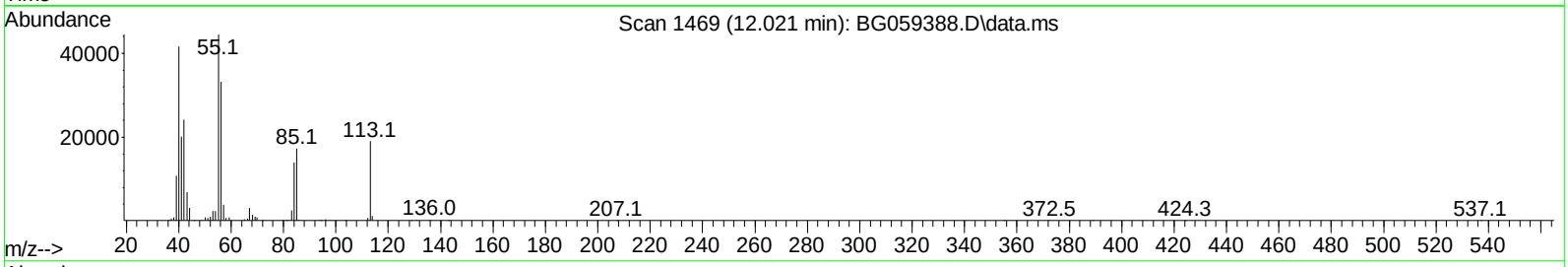

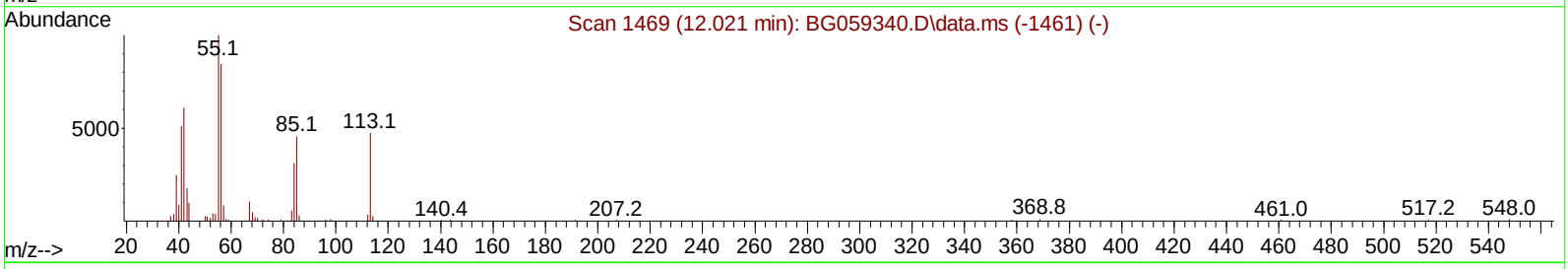

TIC: BG059388.D\data.ms

(34) Caprolactam

12.021min (-0.000) 27.54 ng/ul

response 36875

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	211.40	233.10
56.00	177.10	174.32
0.00	0.00	0.00

Quantitation Report (Qedit)

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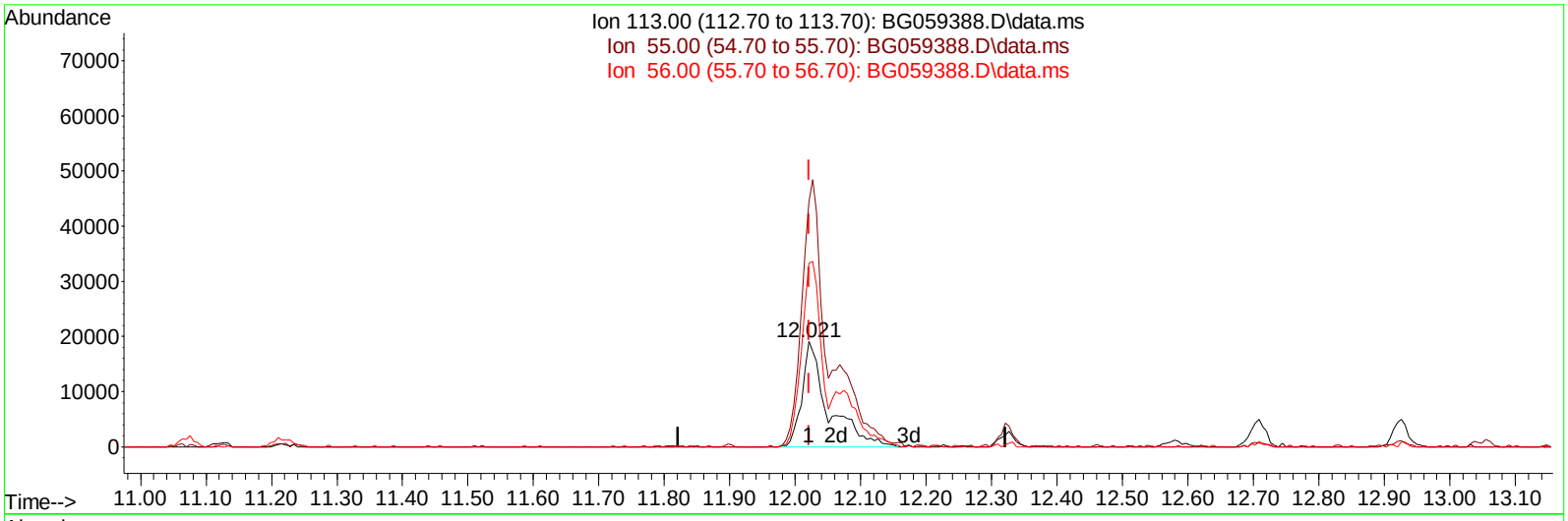

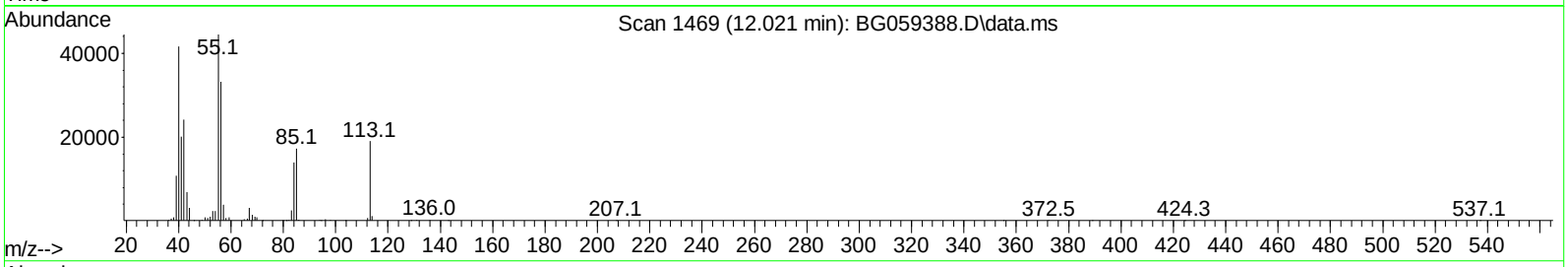

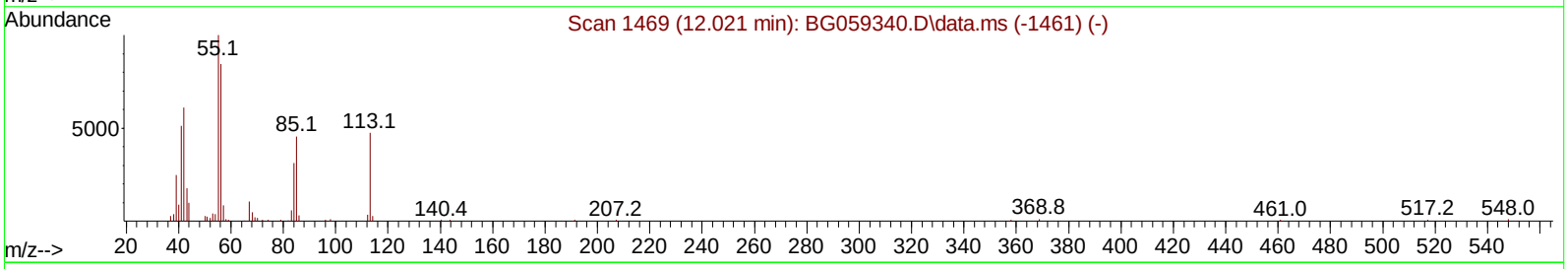

TIC: BG059388.D\data.ms

(34) Caprolactam

12.021min (-0.000) 39.79 ng/ul m

response 53274

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	211.40	233.10
56.00	177.10	174.32
0.00	0.00	0.00

Quantitation Report (Qedit)

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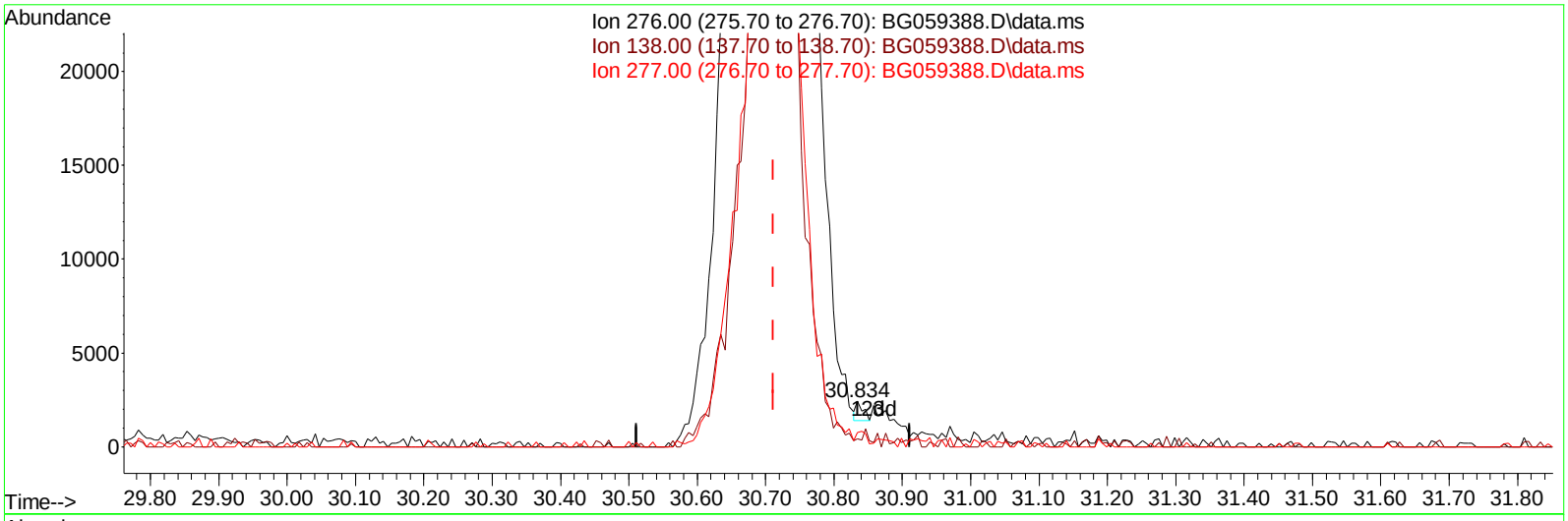

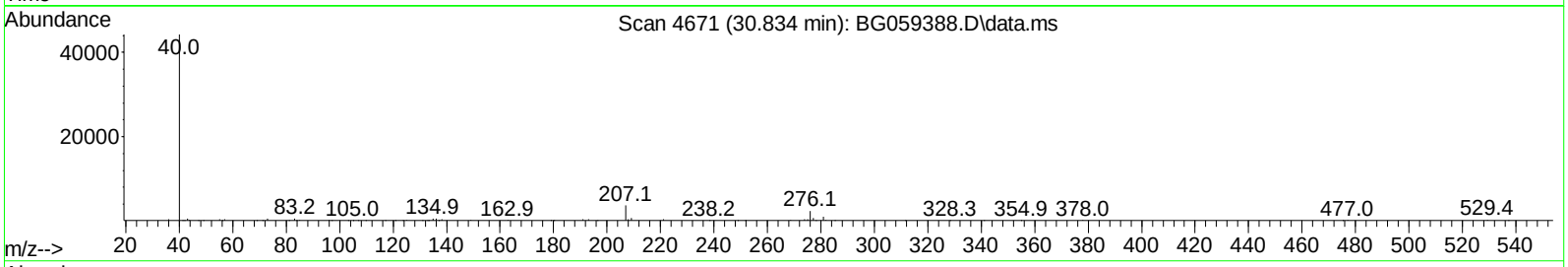

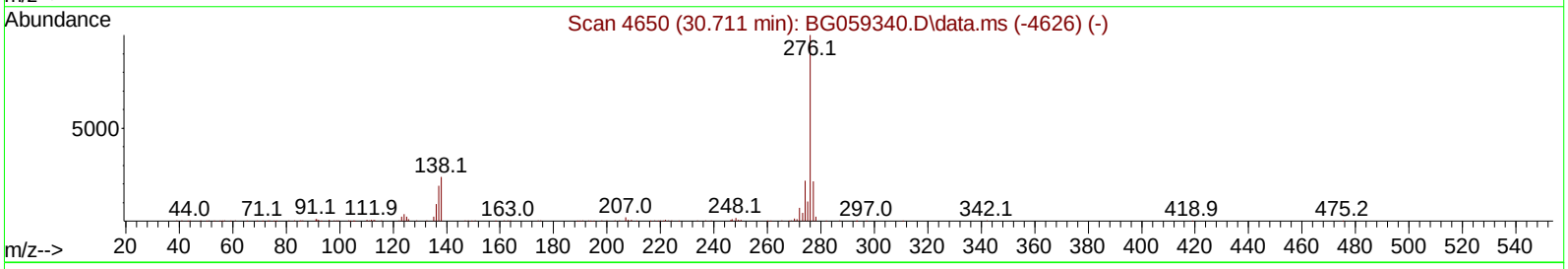

TIC: BG059388.D\data.ms

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

30.834min (+ 0.123) 0.04 ng/ul

response 754

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.70	17.96#
277.00	21.50	31.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/09/2023
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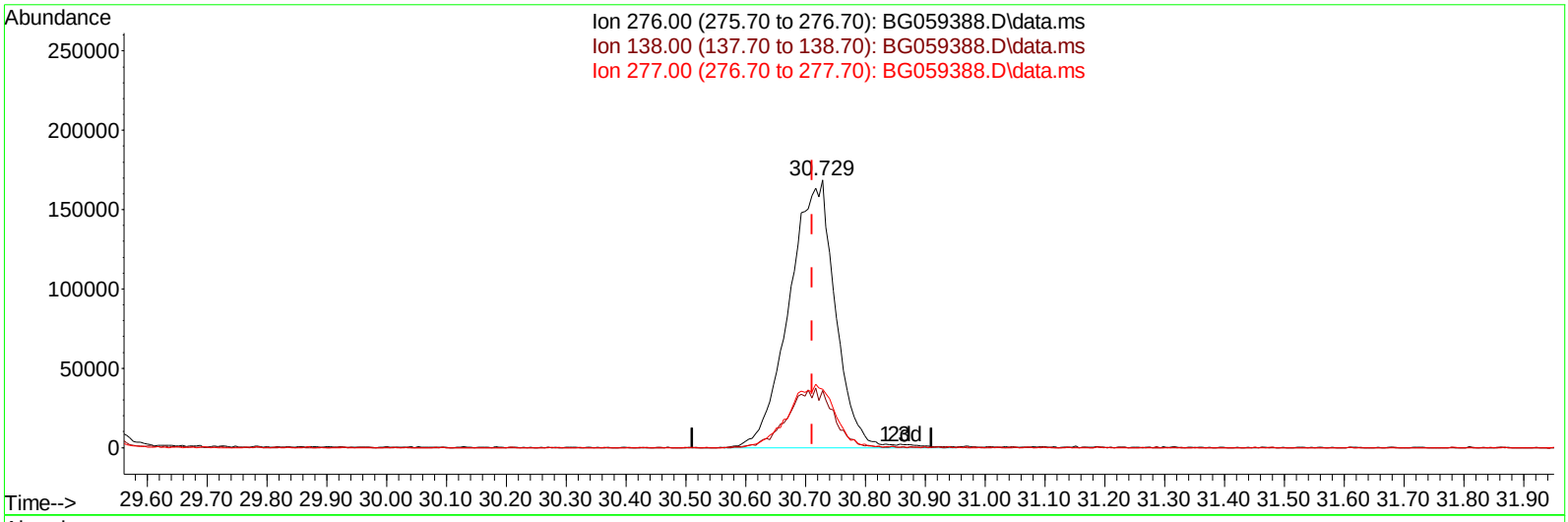

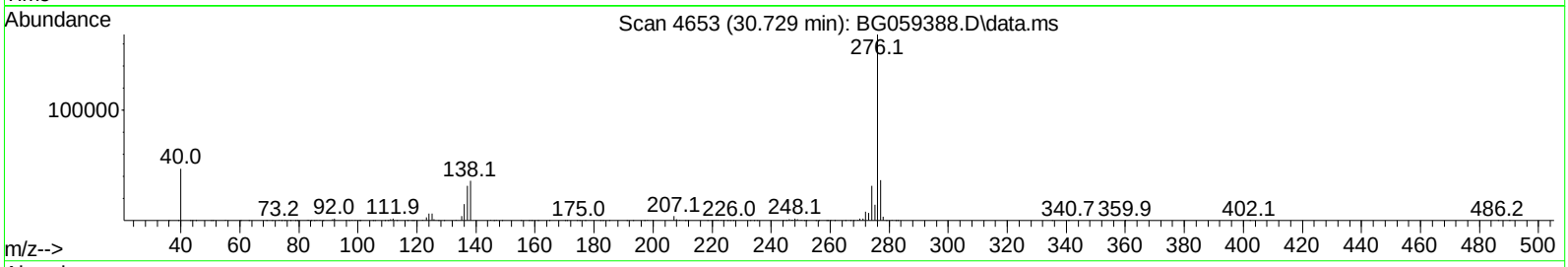

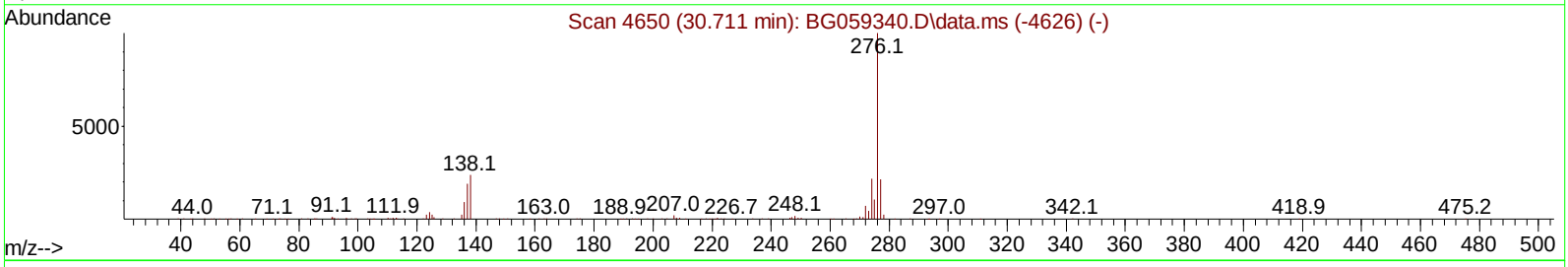

TIC: BG059388.D\data.ms

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

30.729min (+ 0.017) 44.77 ng/ul m

response 903009

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.70	21.36
277.00	21.50	21.73
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BG059388.D
Acq On : 8 Oct 2023 23:18
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Misc :
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Quant Time: Oct 09 02:09:41 2023
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.226	152	45802	20.000	ng/ul	0.00
20) Naphthalene-d8	11.069	136	220171	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.865	164	150866	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.615	188	338186	20.000	ng/ul	0.00
79) Chrysene-d12	21.915	240	295482	20.000	ng/ul	0.00
88) Perylene-d12	25.400	264	349821	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.525	96	9850	7.668	ng/uL	0.00
4) Pyridine-d5	3.966	84	124275	33.610	ng/ul	0.00
7) Phenol-d5	7.356	99	194061	38.372	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.550	67	109355	38.256	ng/ul	0.00
11) 2-Chlorophenol-d4	7.744	132	138164	39.062	ng/ul	0.00
15) 4-Methylphenol-d8	8.925	113	146802	37.256	ng/ul	0.00
21) Nitrobenzene-d5	9.430	128	72873	38.881	ng/ul	0.00
24) 2-Nitrophenol-d4	10.147	143	77121	38.017	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.676	165	150392	41.074	ng/ul	0.00
31) 4-Chloroaniline-d4	11.216	131	203638	35.013	ng/ul	0.00
46) Dimethylphthalate-d6	14.260	166	473843	38.337	ng/ul	0.00
49) Acenaphthylene-d8	14.565	160	572022	38.890	ng/ul	0.00
54) 4-Nitrophenol-d4	15.059	143	87048	37.582	ng/ul	0.00
60) Fluorene-d10	15.852	176	436377	36.988	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.969	200	93745	41.985	ng/ul	0.00
73) Anthracene-d10	17.714	188	668251	40.281	ng/ul	0.00
81) Pyrene-d10	19.988	212	736555	41.148	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.159	264	752761	40.893	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.560	88	19317	14.087	ng/uL#	81
5) Pyridine	3.983	79	116904	31.314	ng/ul	97
6) Benzaldehyde	7.374	77	85390	40.705	ng/ul	91
8) Phenol	7.385	94	203411	40.674	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.644	93	153488	39.853	ng/ul	99
12) 2-Chlorophenol	7.779	128	149513	40.115	ng/ul	96
13) 2-Methylphenol	8.660	108	149576	40.027	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.731	45	318060m	39.470	ng/ul	
16) Acetophenone	9.072	105	237026	39.585	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.036	70	112012	37.543	ng/ul	91
18) 4-Methylphenol	8.995	108	163550	39.800	ng/ul	99
19) Hexachloroethane	9.313	117	55386	40.855	ng/ul	85
22) Nitrobenzene	9.471	77	169612	41.279	ng/ul	89
23) Isophorone	9.976	82	352275	40.151	ng/ul#	97
25) 2-Nitrophenol	10.176	139	90934	43.465	ng/ul	95
26) 2,4-Dimethylphenol	10.206	107	144872	35.102	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.458	93	222479	42.197	ng/ul	95
29) 2,4-Dichlorophenol	10.699	162	158530	42.997	ng/ul	98
30) Naphthalene	11.122	128	528633	41.514	ng/ul	99
32) 4-Chloroaniline	11.246	127	173774	31.584	ng/ul	98
33) Hexachlorobutadiene	11.345	225	97320	43.717	ng/ul	98
34) Caprolactam	12.021	113	53274m	39.791	ng/ul	
35) 4-Chloro-3-methylphenol	12.321	107	165072	41.723	ng/ul	90

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.709	142	364374	42.923	ng/ul	91
37)	1-Methylnaphthalene	12.926	142	354630	40.235	ng/ul	96
39)	1,2,4,5-Tetrachloroben...	13.055	216	187716	41.772	ng/ul	95
40)	Hexachlorocyclopentadiene	13.002	237	100433	37.227	ng/ul#	98
41)	2,4,6-Trichlorophenol	13.296	196	125030	41.004	ng/ul	98
42)	2,4,5-Trichlorophenol	13.372	196	135508	40.918	ng/ul	100
43)	1,1'-Biphenyl	13.701	154	516527	41.599	ng/ul	98
44)	2-Chloronaphthalene	13.754	162	393479	41.225	ng/ul	100
45)	2-Nitroaniline	13.972	65	131160	41.965	ng/ul	98
47)	Dimethylphthalate	14.307	163	508654	40.948	ng/ul	99
48)	2,6-Dinitrotoluene	14.454	165	103767	41.406	ng/ul	93
50)	Acenaphthylene	14.600	152	641533	40.576	ng/ul	98
51)	3-Nitroaniline	14.794	138	116072	47.300	ng/ul	100
52)	Acenaphthene	14.929	153	442913	41.403	ng/ul	98
53)	2,4-Dinitrophenol	14.988	184	62505	34.723	ng/ul	95
55)	4-Nitrophenol	15.076	109	63585	40.688	ng/ul	89
56)	Dibenzofuran	15.258	168	599433	40.611	ng/ul	97
57)	2,4-Dinitrotoluene	15.235	165	150256	40.939	ng/ul#	93
58)	2,3,4,6-Tetrachlorophenol	15.470	232	126874	39.926	ng/ul	95
59)	Diethylphthalate	15.652	149	498647	40.361	ng/ul	97
61)	Fluorene	15.911	166	508967	40.527	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.887	204	258556	41.665	ng/ul	97
63)	4-Nitroaniline	15.958	138	116059	52.533	ng/ul	93
66)	4,6-Dinitro-2-methylph...	15.987	198	106850	44.993	ng/ul#	97
67)	N-Nitrosodiphenylamine	16.110	169	419282	43.811	ng/ul	96
68)	4-Bromophenyl-phenylether	16.786	248	159695	44.469	ng/ul	99
69)	Hexachlorobenzene	16.880	284	180013	43.915	ng/ul	95
70)	Atrazine	17.045	200	54185	14.280	ng/ul#	89
71)	Pentachlorophenol	17.238	266	101942	42.790	ng/ul	94
72)	Phenanthrene	17.656	178	875098	43.692	ng/ul	98
74)	Anthracene	17.750	178	869537	42.686	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.660	216	194338	44.232	ng/uL	93
76)	Pentachlorobenzene	15.159	250	185881	40.878	ng/uL#	90
77)	Carbazole	18.026	167	738210	43.546	ng/ul	98
78)	Di-n-butylphthalate	18.531	149	891444	44.447	ng/ul	98
80)	Fluoranthene	19.653	202	986082	44.272	ng/ul	99
82)	Pyrene	20.018	202	1012354	43.734	ng/ul	99
83)	Butylbenzylphthalate	20.870	149	378078	44.204	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.810	252	340988	46.258	ng/ul	94
85)	Benzo(a)anthracene	21.892	228	991413	43.932	ng/ul	97
86)	Bis(2-ethylhexyl)phtha...	21.721	149	556658	43.517	ng/ul	98
87)	Chrysene	21.968	228	920382	43.421	ng/ul	96
89)	Di-n-octyl phthalate	23.014	149	975993	44.216	ng/ul	100
90)	Benzo(b)fluoranthene	24.271	252	988175	42.873	ng/ul	99
91)	Benzo(k)fluoranthene	24.348	252	1026731	43.872	ng/ul	97
93)	Benzo(a)pyrene	25.235	252	951655	43.345	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	29.430	276	1111905	43.966	ng/ul	97
95)	Dibenzo(a,h)anthracene	29.506	278	915363	44.512	ng/ul	99
96)	Benzo(g,h,i)perylene	30.729	276	903009m	44.770	ng/ul	

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

Instrument :
BNA_G
ClientSampleId :
SLCS048

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 : BG059388.D
Acq On : 8 Oct 2023 23:18
Operator : MA/JU
Sample : PB156048BS
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Oct 09 02:09:41 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 :
SLCS048

Manual IntegrationsAPPROVED

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