Quantitation Report (Qedit)

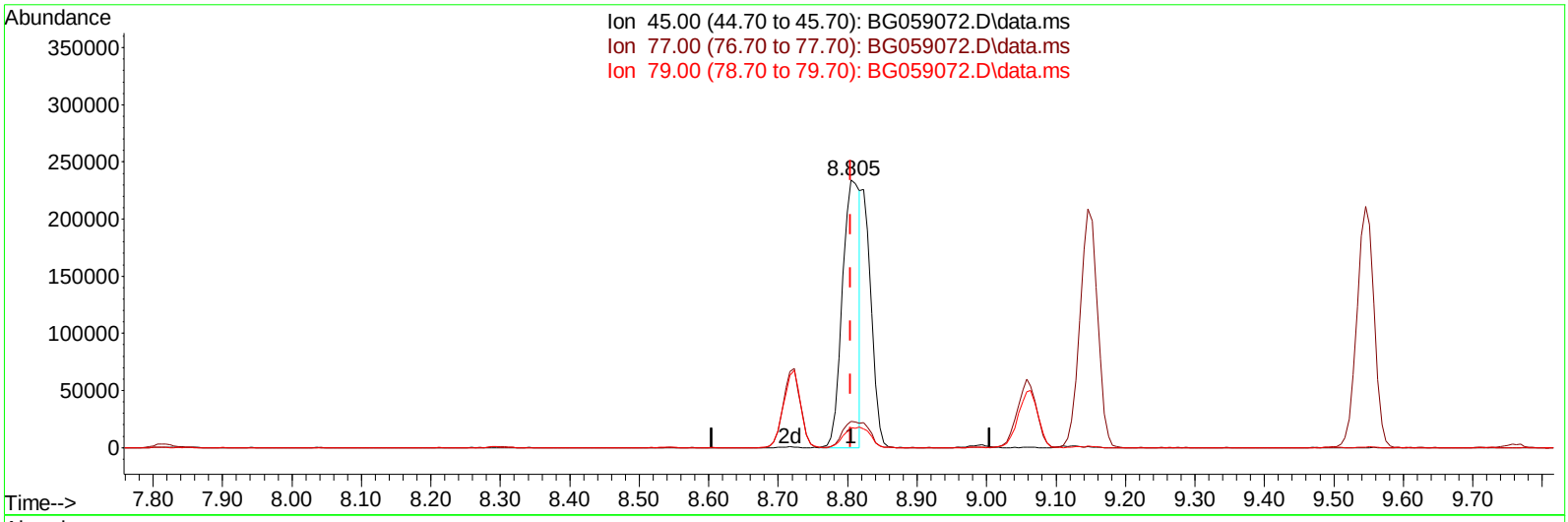
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091523\
Data File : BG059072.D
Acq On : 15 Sep 2023 15:36
Operator : MA/JU
Sample : SSTD08023
Misc :
ALS Vial : 6 Sample Multiplier: 1

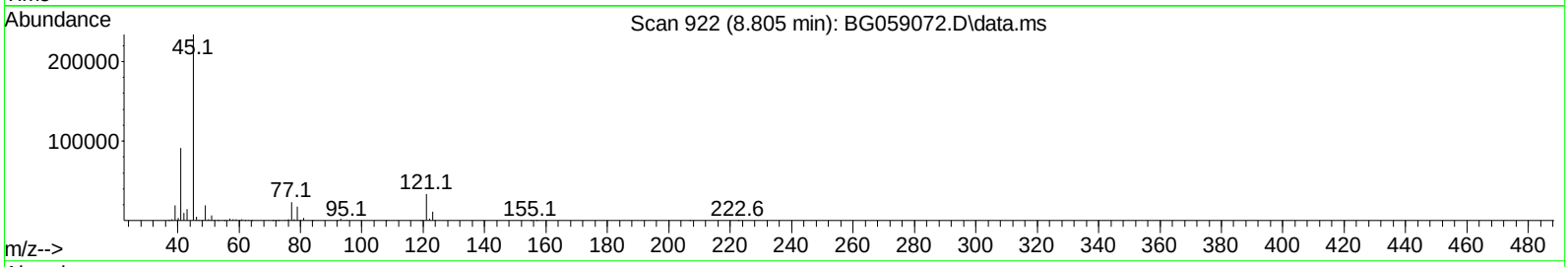
Quant Time: Sep 16 00:13:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 16 00:10:16 2023
Response via : Initial Calibration

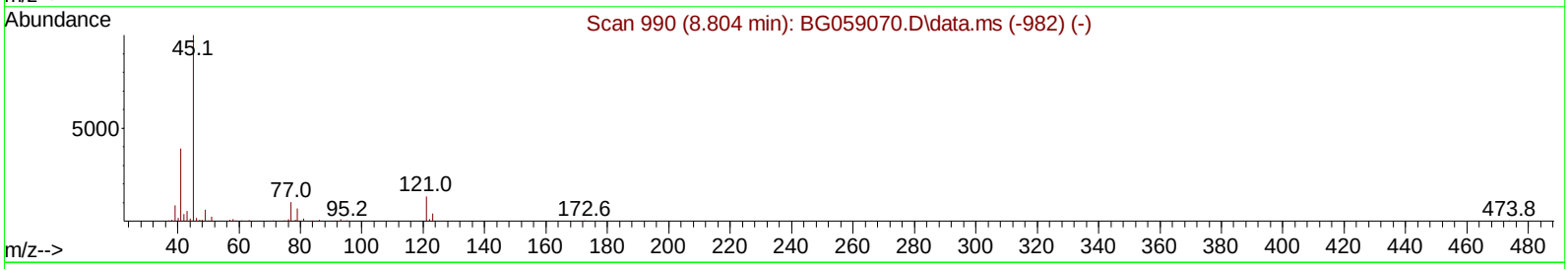
Instrument :
BNA_G
ClientSampleId :
SSTD080425

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/18/2023
Supervised By :mohammad ahmed 09/18/2023







TIC: BG059072.D\data.ms

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

8.805min (+ 0.001) 84.75 ng/ul

response 411601

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	10.40	9.90
79.00	6.90	7.49
0.00	0.00	0.00

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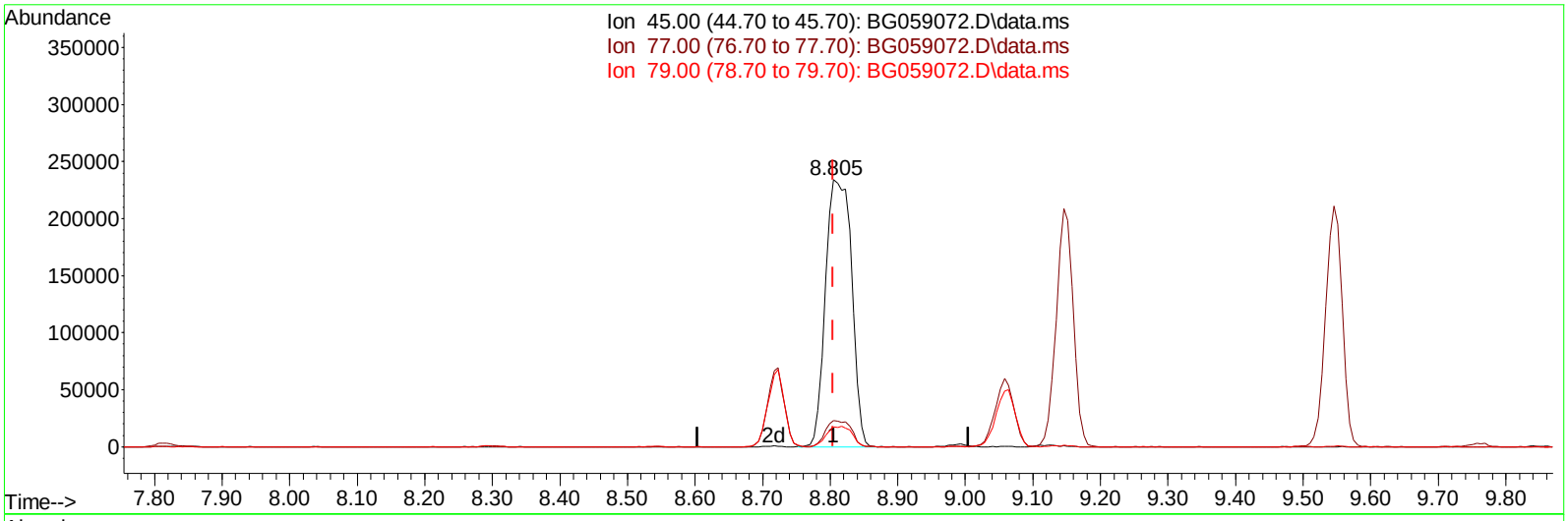

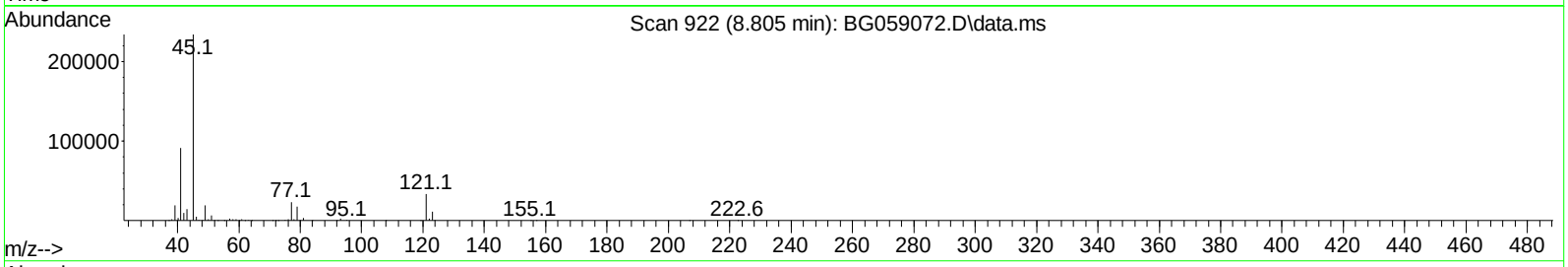

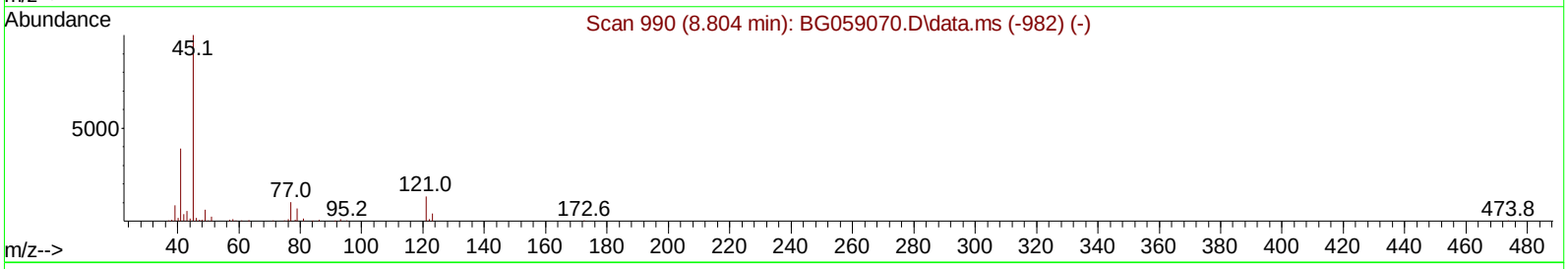

TIC: BG059072.D\data.ms

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

8.805min (+ 0.001) 129.15 ng/ul m

response 627224

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	10.40	9.90
79.00	6.90	7.49
0.00	0.00	0.00

Quantitation Report (Qedit)

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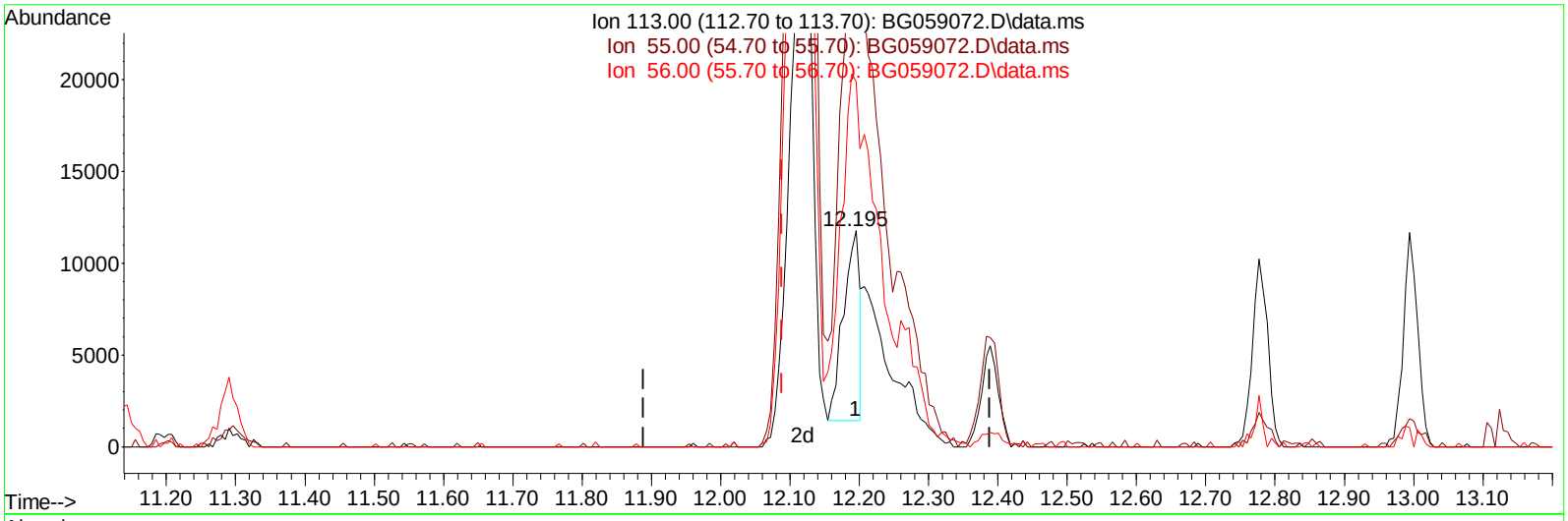

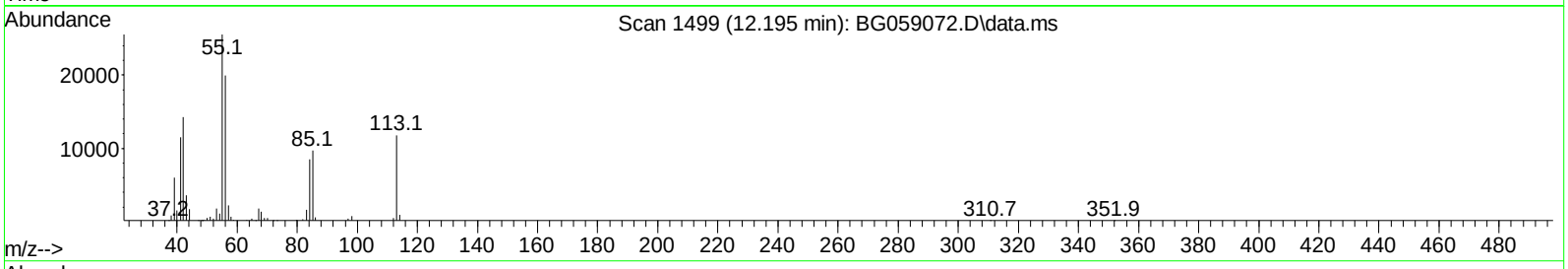

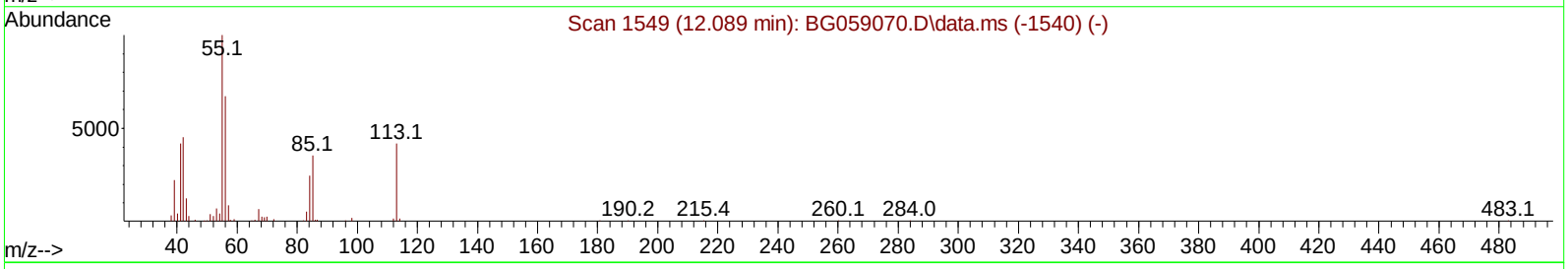

TIC: BG059072.D\data.ms

(34) Caprolactam

12.195min (+ 0.107) 11.38 ng/ul

response 17144

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	239.20	216.90
56.00	161.00	169.08
0.00	0.00	0.00

Quantitation Report (Qedit)

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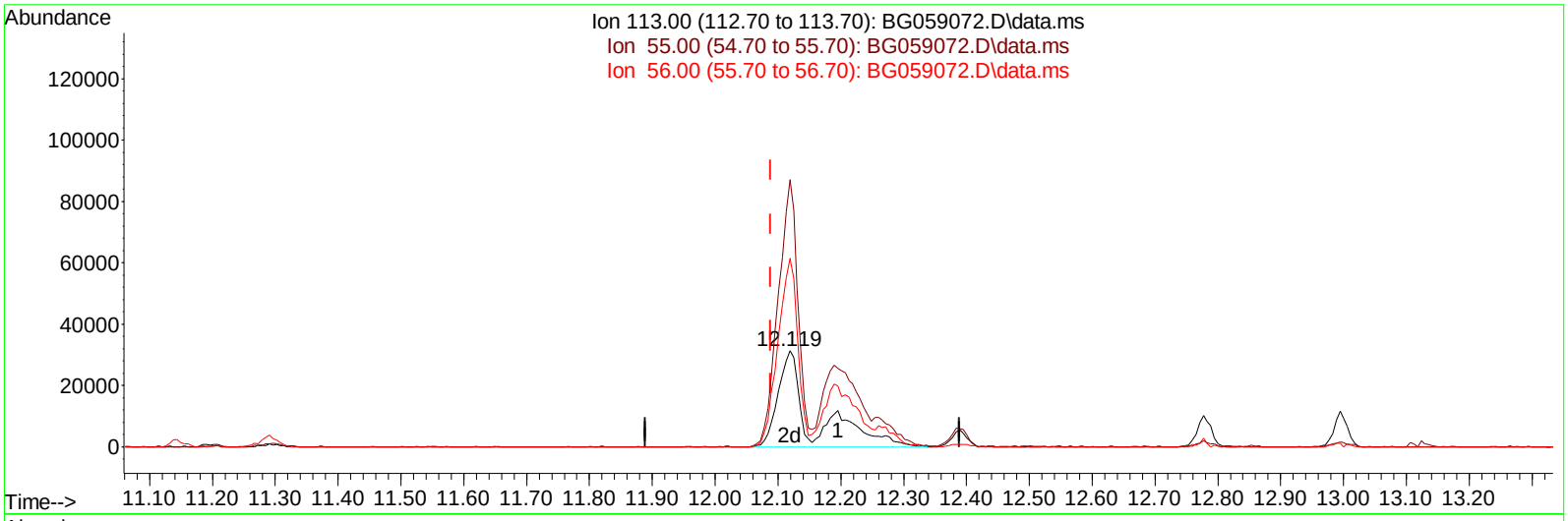

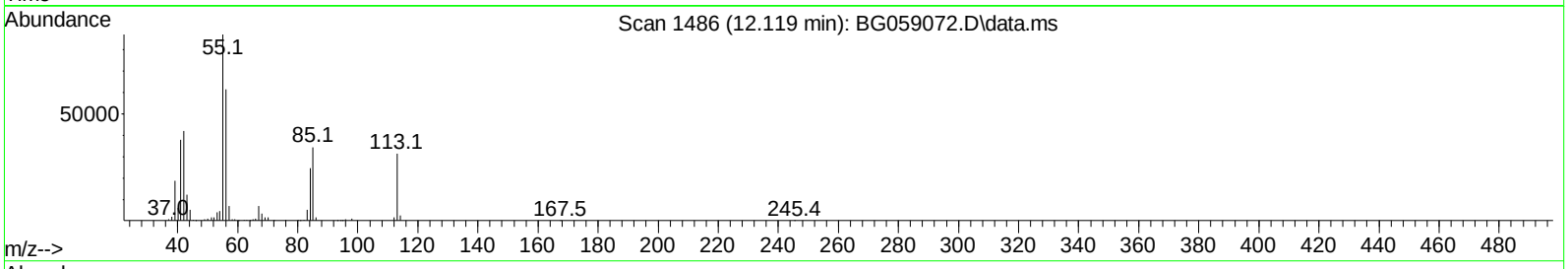

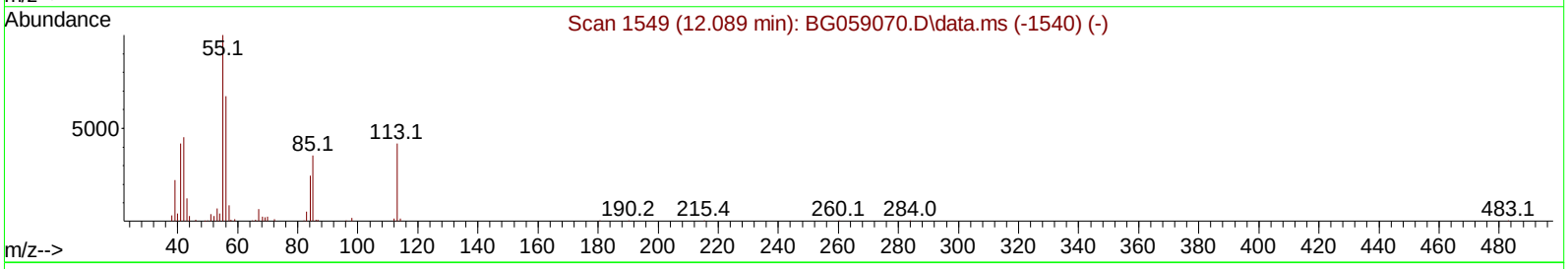

TIC: BG059072.D\data.ms

(34) Caprolactam

12.119min (+ 0.030) 78.08 ng/ul m

response 117654

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	239.20	278.36
56.00	161.00	196.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : MA/JU
Sample : SSTD08023
Misc :
ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
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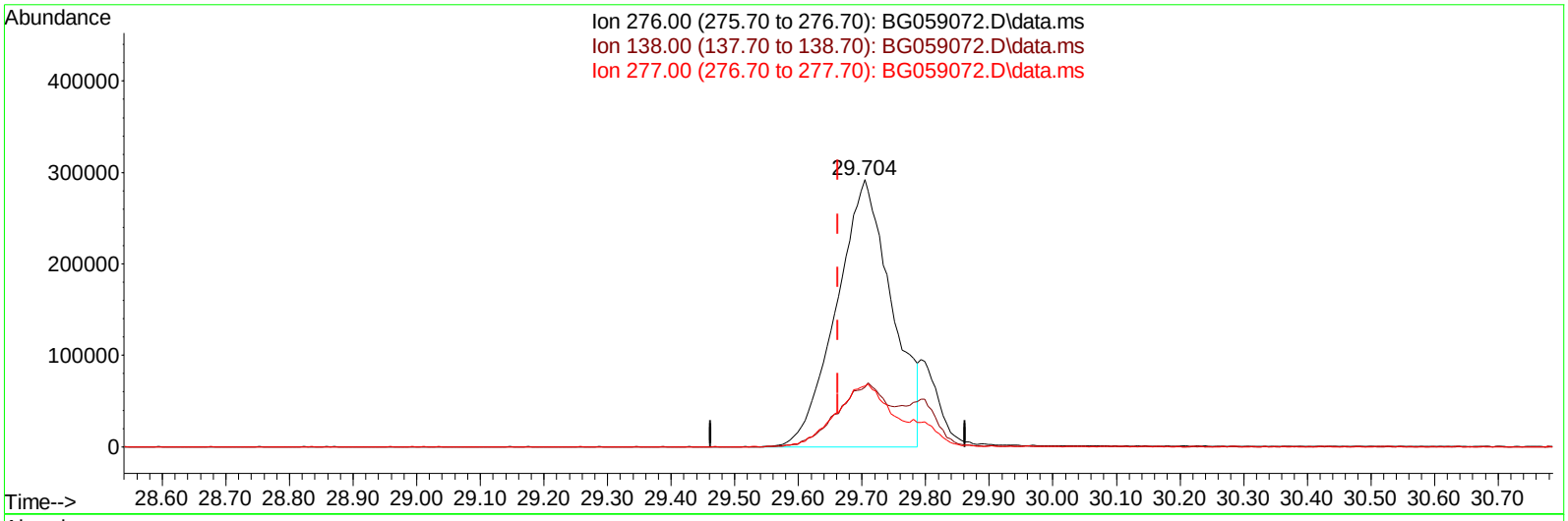

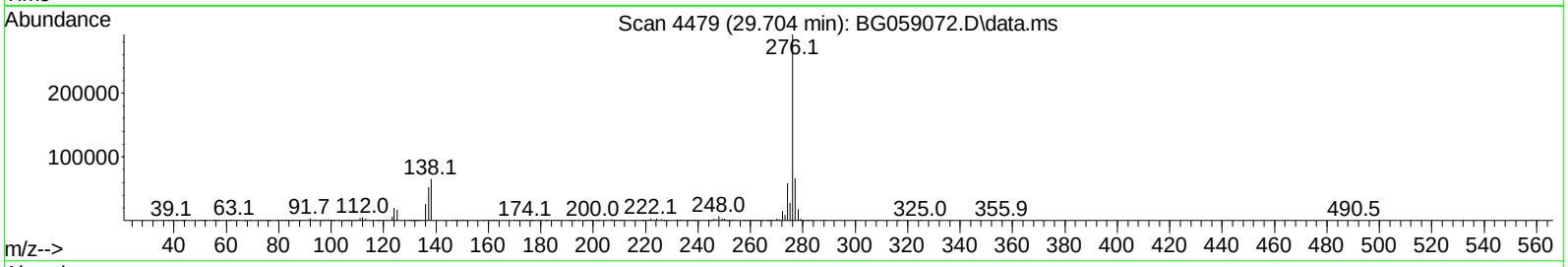

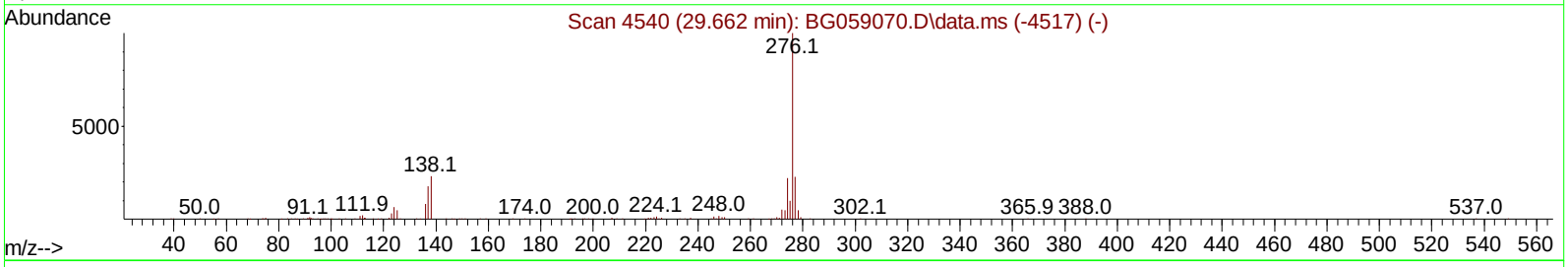

TIC: BG059072.D\data.ms

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

29.704min (+ 0.042) 72.34 ng/ul

response 1761664

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.90	22.37
277.00	22.90	22.72
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 6 Sample Multiplier: 1

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BNA_G
ClientSampleId :
SSTD080425

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/18/2023
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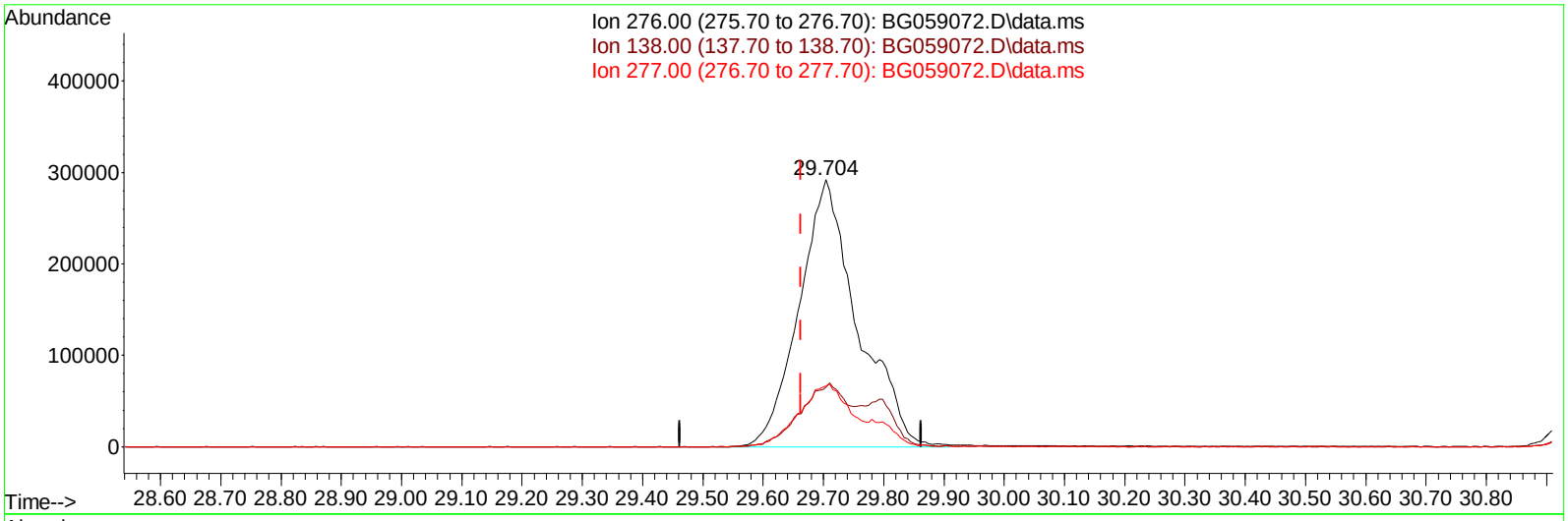

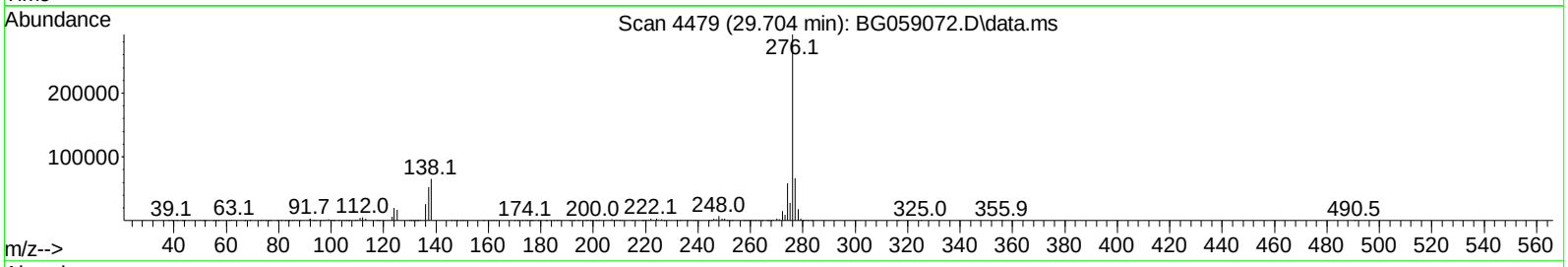

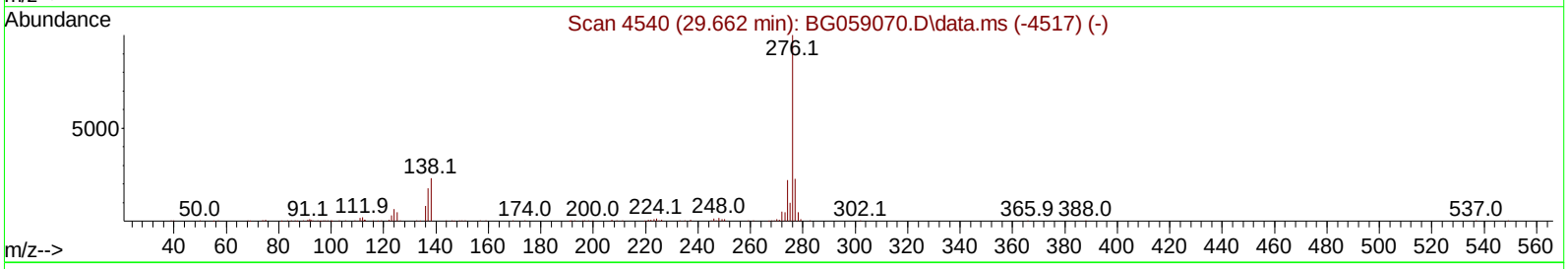

TIC: BG059072.D\data.ms

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

29.704min (+ 0.042) 80.93 ng/ul m

response 1970830

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.90	22.37
277.00	22.90	22.72
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091523\
Data File : BG059072.D
Acq On : 15 Sep 2023 15:36
Operator : MA/JU
Sample : SSTD08023
Misc :
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Quant Time: Sep 16 00:28:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 16 00:10:16 2023
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Instrument :
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ClientSampleId :
SSTD080425

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/18/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.300	152	44888	20.000	ng/ul	0.00
20) Naphthalene-d8	11.144	136	239633	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.933	164	164340	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.683	188	359482	20.000	ng/ul	0.00
79) Chrysene-d12	22.013	240	301982	20.000	ng/ul	0.01
88) Perylene-d12	25.562	264	358438	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.605	96	33987	33.239	ng/uL	0.00
4) Pyridine-d5	4.040	84	298727	100.273	ng/ul	0.00
7) Phenol-d5	7.413	99	379112	81.428	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.618	67	226903	84.628	ng/ul	0.00
11) 2-Chlorophenol-d4	7.818	132	286825	91.890	ng/ul	0.00
15) 4-Methylphenol-d8	8.993	113	310139	82.781	ng/ul	0.01
21) Nitrobenzene-d5	9.504	128	156435	85.278	ng/ul	0.00
24) 2-Nitrophenol-d4	10.215	143	167229	77.421	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.744	165	310725	74.178	ng/ul	0.00
31) 4-Chloroaniline-d4	11.291	131	475642	83.017	ng/ul	0.00
46) Dimethylphthalate-d6	14.328	166	1028767	77.799	ng/ul	0.00
49) Acenaphthylene-d8	14.634	160	1118033	78.675	ng/ul	0.00
54) 4-Nitrophenol-d4	15.121	143	213171	92.662	ng/ul	0.02
60) Fluorene-d10	15.920	176	867283	73.065	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.038	200	178203	84.881	ng/ul	0.02
73) Anthracene-d10	17.789	188	1285333	78.651	ng/ul	0.00
81) Pyrene-d10	20.057	212	1383025	82.249	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.321	264	1429286	80.301	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.647	88	41136	30.953	ng/uL	94
5) Pyridine	4.064	79	295997	95.763	ng/ul	97
6) Benzaldehyde	7.442	77	184279	71.908	ng/ul	84
8) Phenol	7.442	94	391736	78.545	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.718	93	297598	85.517	ng/ul	93
12) 2-Chlorophenol	7.848	128	292366	91.685	ng/ul	98
13) 2-Methylphenol	8.723	108	318415	82.325	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.805	45	627224m	129.149	ng/ul	
16) Acetophenone	9.146	105	501474	79.721	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.122	70	248305	75.324	ng/ul	98
18) 4-Methylphenol	9.058	108	355830	83.440	ng/ul	98
19) Hexachloroethane	9.387	117	106362	79.655	ng/ul#	88
22) Nitrobenzene	9.546	77	362930	69.782	ng/ul	95
23) Isophorone	10.057	82	783257	68.689	ng/ul	99
25) 2-Nitrophenol	10.251	139	176362	80.622	ng/ul#	84
26) 2,4-Dimethylphenol	10.274	107	360243	70.878	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.538	93	437072	76.251	ng/ul	93
29) 2,4-Dichlorophenol	10.773	162	312529	81.170	ng/ul	98
30) Naphthalene	11.197	128	1030411	82.610	ng/ul	98
32) 4-Chloroaniline	11.314	127	457703	82.939	ng/ul	97
33) Hexachlorobutadiene	11.432	225	167220	57.870	ng/ul	96
34) Caprolactam	12.119	113	117654m	78.083	ng/ul	
35) 4-Chloro-3-methylphenol	12.389	107	368004	72.165	ng/ul	94

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Manual IntegrationsAPPROVED

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.777	142	713315	77.466	ng/ul	96
37)	1-Methylnaphthalene	12.994	142	725510	76.570	ng/ul	97
39)	1,2,4,5-Tetrachloroben...	13.124	216	343971	67.780	ng/ul	93
40)	Hexachlorocyclopentadiene	13.077	237	217881	61.304	ng/ul	98
41)	2,4,6-Trichlorophenol	13.365	196	266283	76.296	ng/ul	96
42)	2,4,5-Trichlorophenol	13.435	196	288575	77.233	ng/ul	96
43)	1,1'-Biphenyl	13.770	154	941944	78.725	ng/ul	96
44)	2-Chloronaphthalene	13.823	162	783995	83.814	ng/ul	99
45)	2-Nitroaniline	14.040	65	292013	89.165	ng/ul	98
47)	Dimethylphthalate	14.381	163	1044797	81.891	ng/ul	100
48)	2,6-Dinitrotoluene	14.522	165	218933	82.075	ng/ul	94
50)	Acenaphthylene	14.669	152	1314220	83.748	ng/ul	98
51)	3-Nitroaniline	14.863	138	214758	88.182	ng/ul	100
52)	Acenaphthene	14.998	153	843650	80.342	ng/ul	99
53)	2,4-Dinitrophenol	15.057	184	132405	82.541	ng/ul	93
55)	4-Nitrophenol	15.133	109	150905	56.645	ng/ul	94
56)	Dibenzofuran	15.333	168	1203964	78.014	ng/ul	98
57)	2,4-Dinitrotoluene	15.303	165	318967	83.984	ng/ul	99
58)	2,3,4,6-Tetrachlorophenol	15.539	232	248570	66.421	ng/ul	98
59)	Diethylphthalate	15.727	149	1039587	80.004	ng/ul	98
61)	Fluorene	15.979	166	1017793	78.101	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.962	204	458263	66.227	ng/ul	94
63)	4-Nitroaniline	16.032	138	199992	87.445	ng/ul	86
66)	4,6-Dinitro-2-methylph...	16.056	198	193819	85.420	ng/ul#	89
67)	N-Nitrosodiphenylamine	16.179	169	852775	90.179	ng/ul	99
68)	4-Bromophenyl-phenylether	16.860	248	286629	70.933	ng/ul	92
69)	Hexachlorobenzene	16.949	284	312214	70.255	ng/ul#	91
70)	Atrazine	17.119	200	286933	73.570	ng/ul	98
71)	Pentachlorophenol	17.301	266	220017	77.483	ng/ul	96
72)	Phenanthrene	17.730	178	1570928	85.725	ng/ul	99
74)	Anthracene	17.824	178	1612747	85.181	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.729	216	367785	79.333	ng/uL	98
76)	Pentachlorobenzene	15.227	250	344025	72.088	ng/uL	97
77)	Carbazole	18.094	167	1495005	94.584	ng/ul	98
78)	Di-n-butylphthalate	18.605	149	1774530	92.517	ng/ul	99
80)	Fluoranthene	19.722	202	1729239	91.591	ng/ul	100
82)	Pyrene	20.092	202	1771493	86.946	ng/ul	96
83)	Butylbenzylphthalate	20.944	149	763148	102.184	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.902	252	568529	82.295	ng/ul	97
85)	Benzo(a)anthracene	21.990	228	1737537	83.902	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.819	149	1159968	105.606	ng/ul	96
87)	Chrysene	22.066	228	1620333	85.153	ng/ul	99
89)	Di-n-octyl phthalate	23.153	149	1992767	105.852	ng/ul	100
90)	Benzo(b)fluoranthene	24.422	252	1787752	84.517	ng/ul	99
91)	Benzo(k)fluoranthene	24.499	252	1795548	82.611	ng/ul	99
93)	Benzo(a)pyrene	25.409	252	1703430	85.161	ng/ul	97
94)	Indeno(1,2,3-cd)pyrene	29.704	276	1970830m	80.925	ng/ul	
95)	Dibenzo(a,h)anthracene	29.792	278	1585368	81.425	ng/ul	98
96)	Benzo(g,h,i)perylene	31.026	276	1564533	79.843	ng/ul	98

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

Instrument :
BNA_G
ClientSampleId :
SSTD080425

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/18/2023
Supervised By :mohammad ahmed 09/18/2023

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091523\
Data File : BG059072.D
Acq On : 15 Sep 2023 15:36
Operator : MA/JU
Sample : SSTD08023
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 16 00:28:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 16 00:10:16 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD080425

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/18/2023
Supervised By :mohammad ahmed 09/18/2023