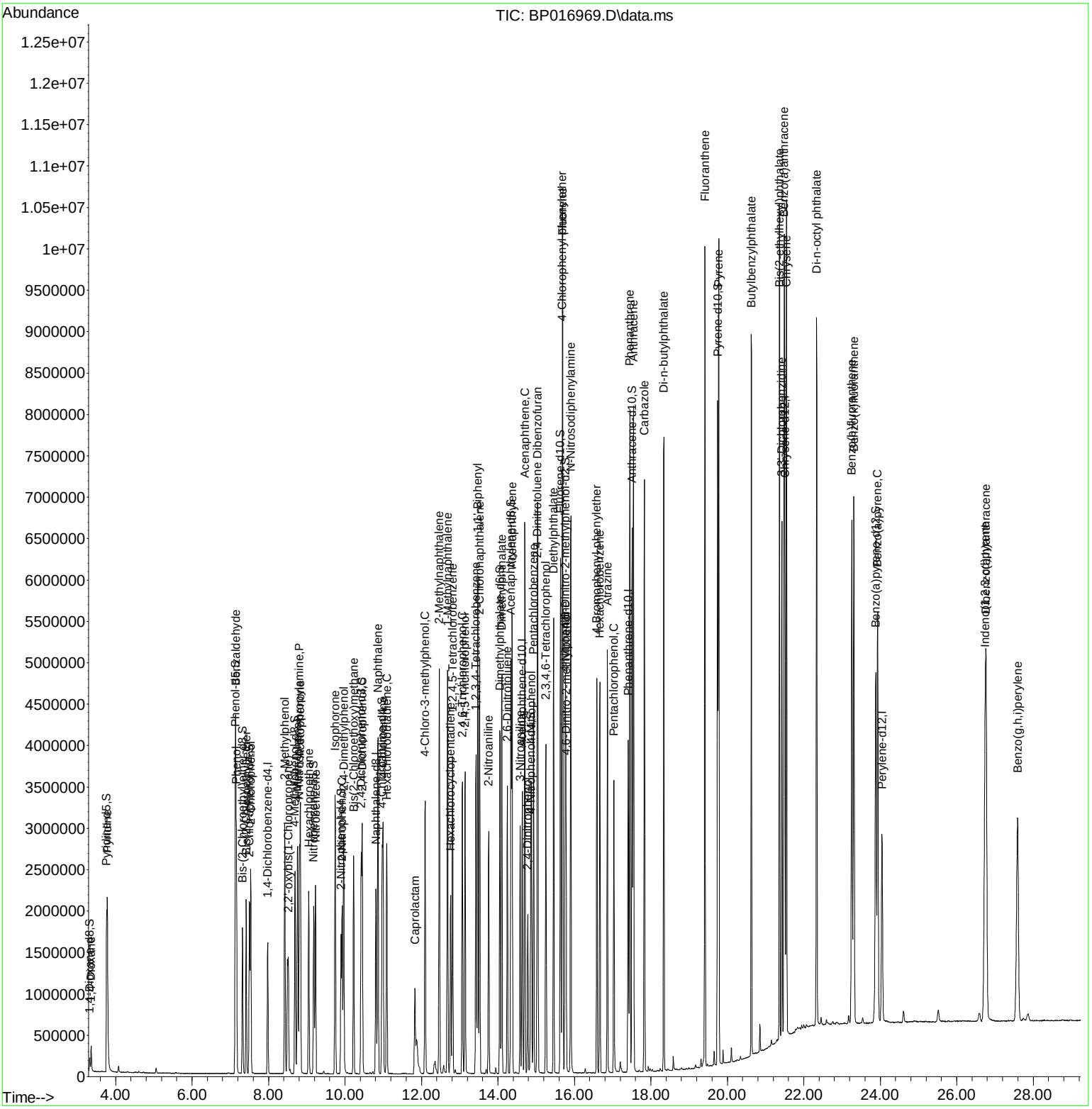
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090623\
Data File : BP016969.D
Acq On : 06 Sep 2023 23:38
Operator : MA/JU
Sample : PB155141BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 07 00:11:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 06 01:52:05 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS141

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/07/2023



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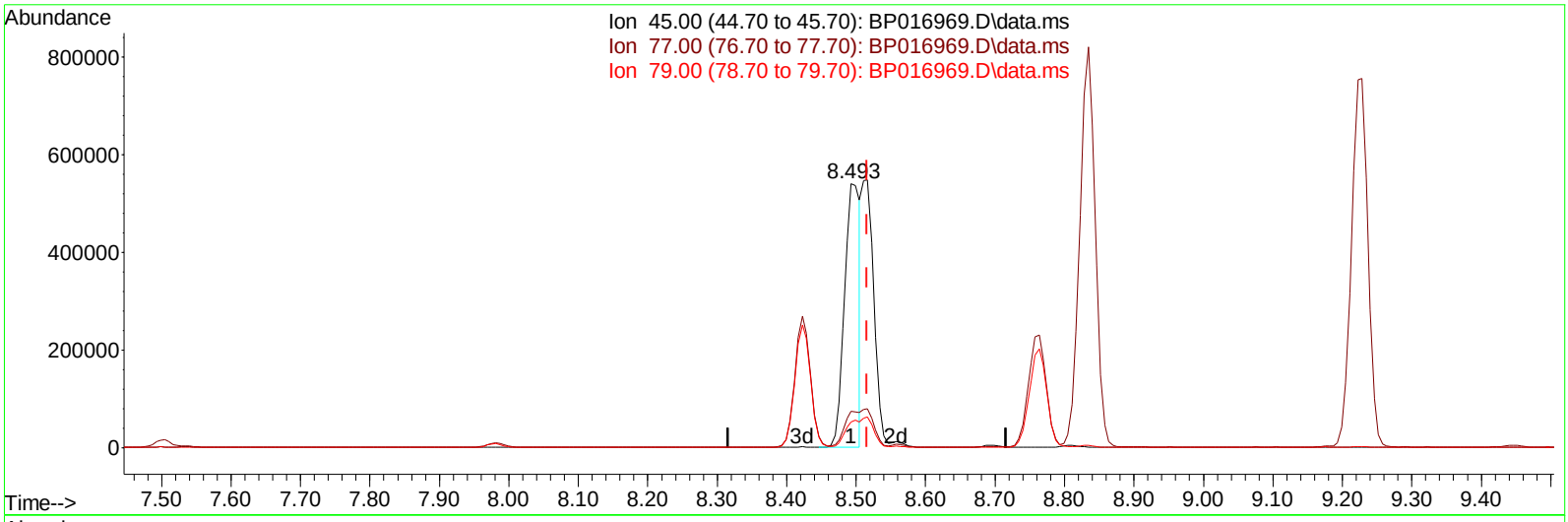

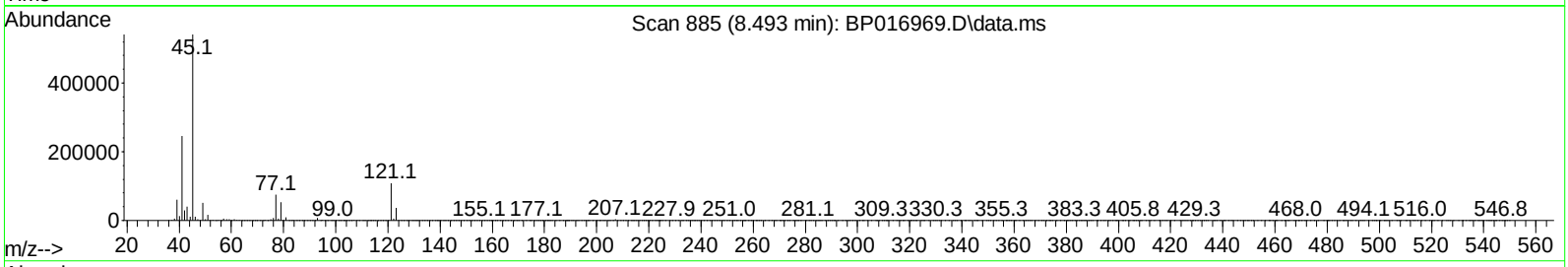

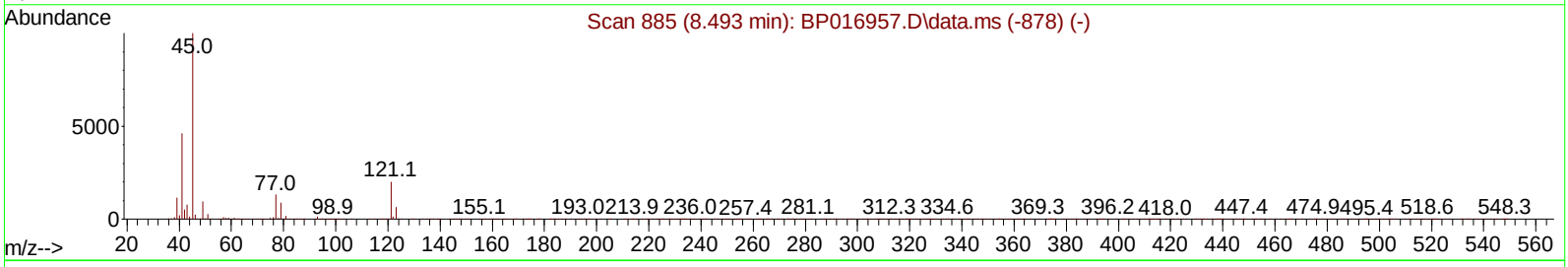

TIC: BP016969.D\data.ms

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

8.493min (-0.023) 19.72 ng/ul

response 837718

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	14.10	13.77
79.00	11.20	9.74
0.00	0.00	0.00

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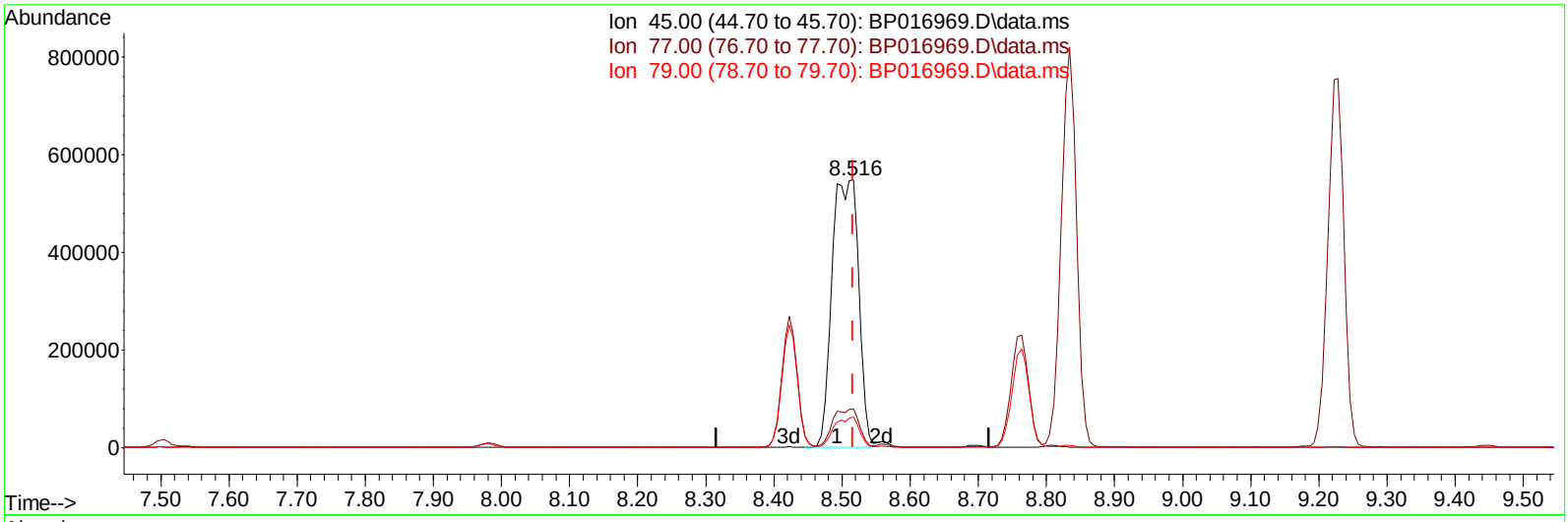

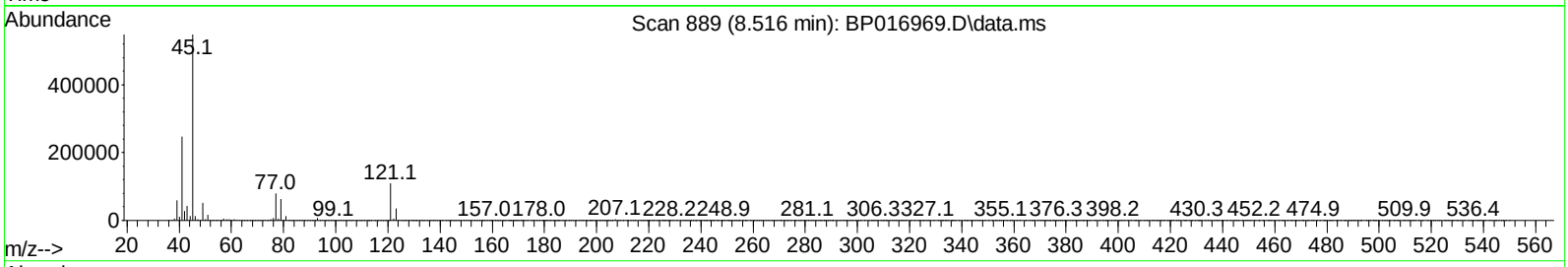

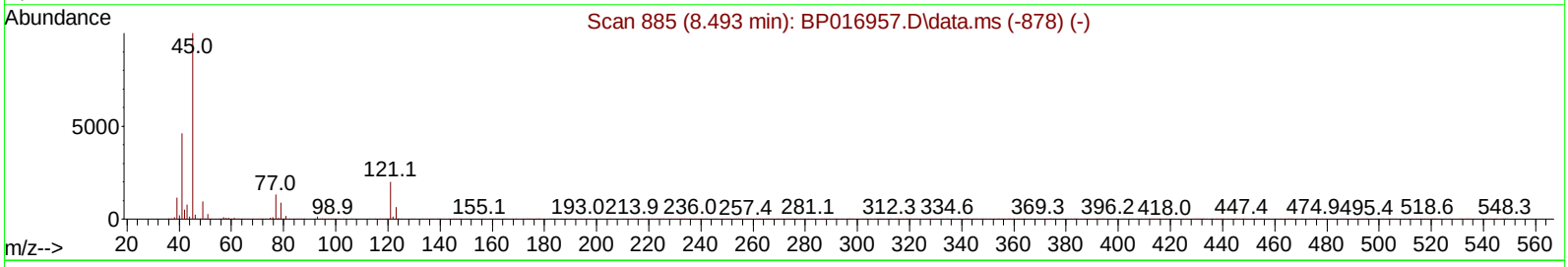

TIC: BP016969.D\data.ms

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

8.516min (+ 0.000) 35.13 ng/ul m

response 1492546

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	14.10	14.48
79.00	11.20	11.39
0.00	0.00	0.00

Quantitation Report (Qedit)

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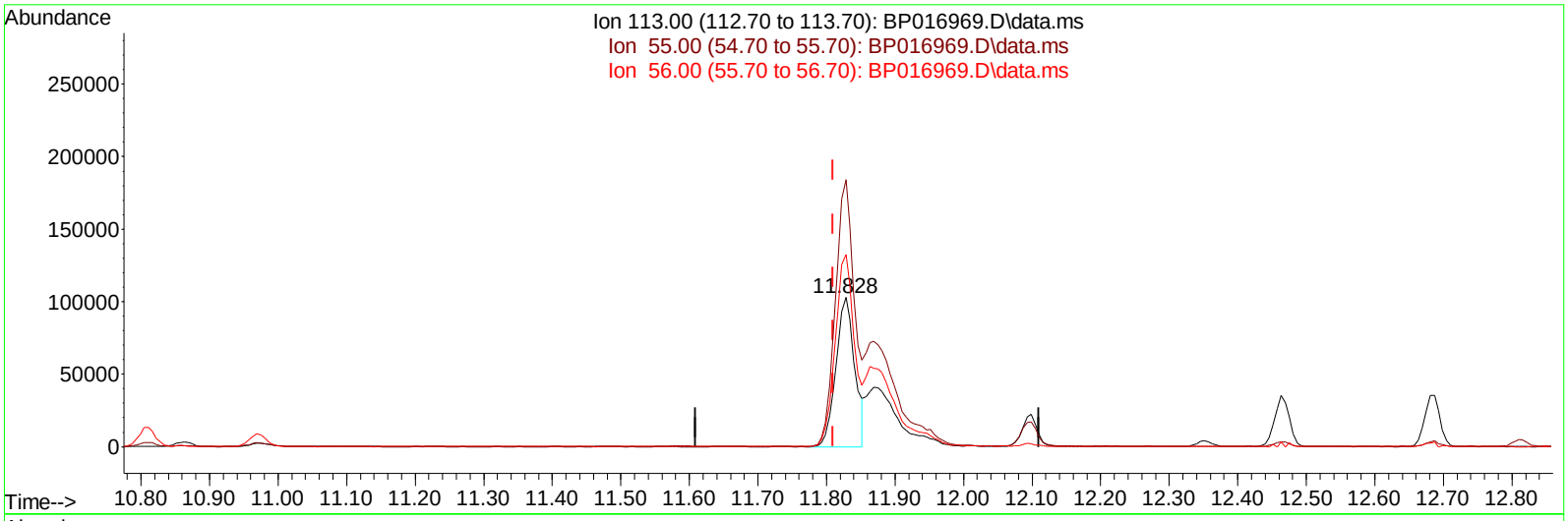

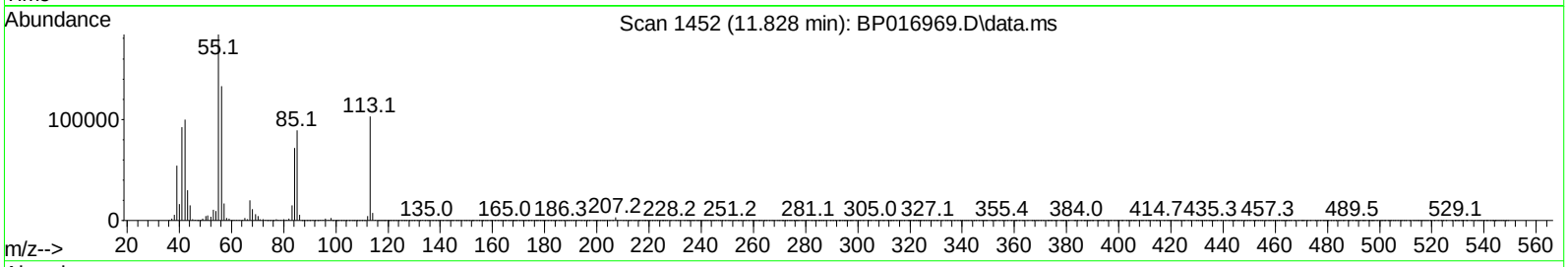

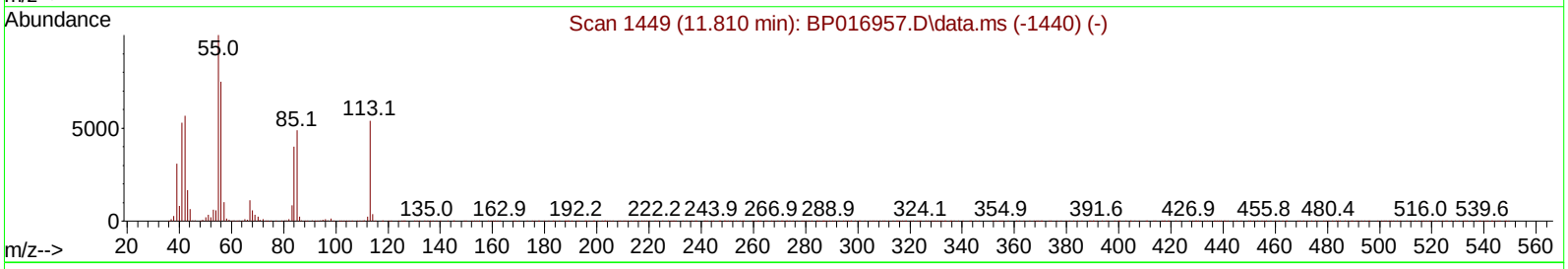

TIC: BP016969.D\data.ms

(34) Caprolactam

11.828min (+ 0.018) 21.58 ng/ul

response 196068

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.90	178.88
56.00	127.70	129.04
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : MA/JU
Sample : PB155141BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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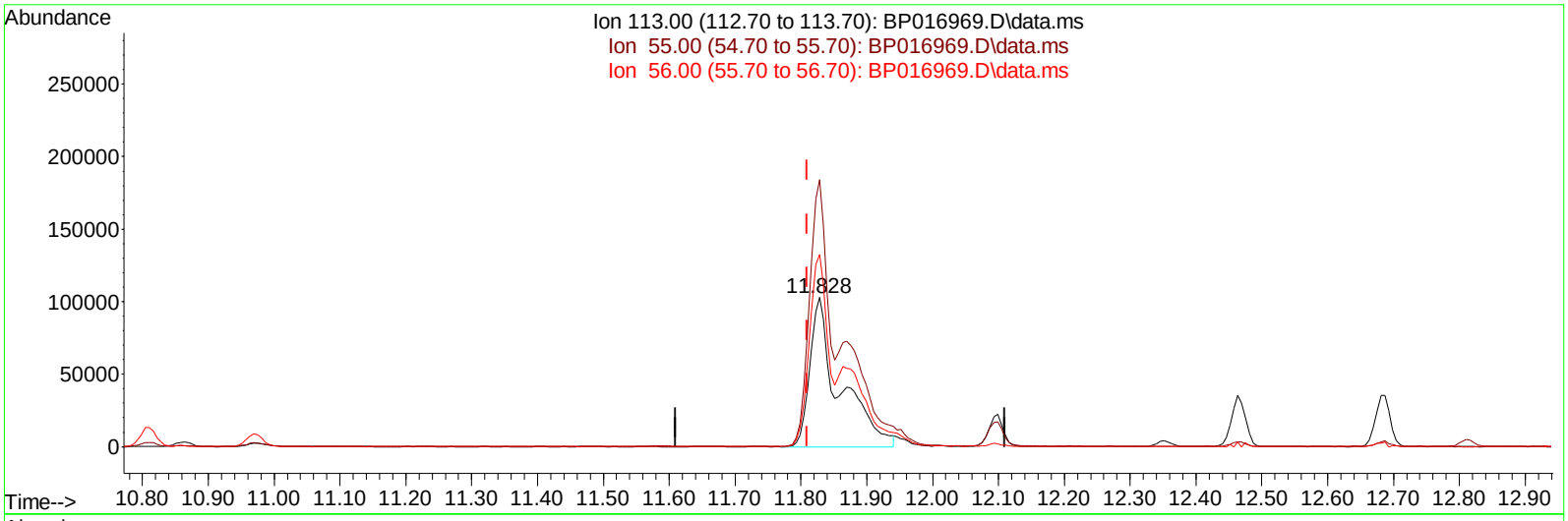

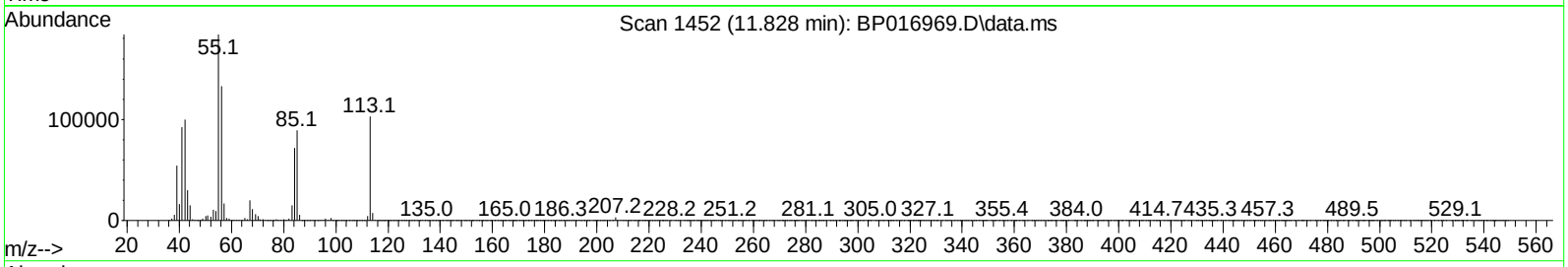

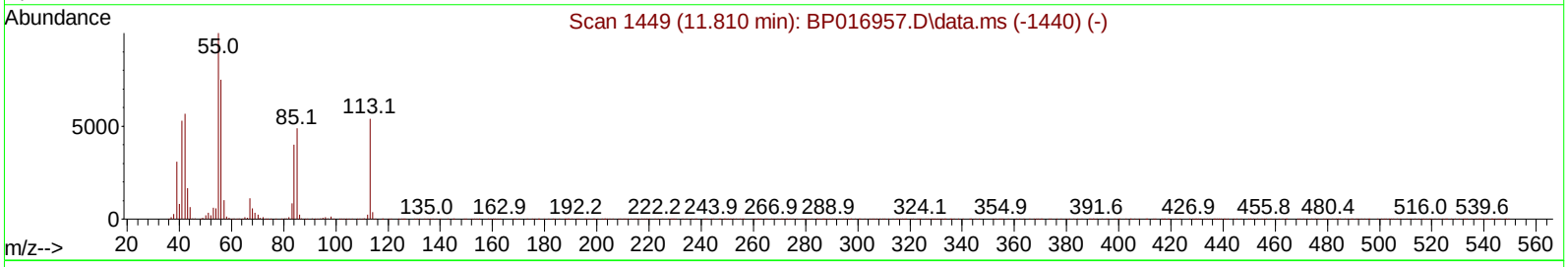

TIC: BP016969.D\data.ms

(34) Caprolactam

11.828min (+ 0.018) 35.38 ng/ul m

response 321396

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.90	178.88
56.00	127.70	129.04
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/07/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	398701	20.000	ng/ul	0.00
20) Naphthalene-d8	10.810	136	1733399	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.640	164	1058868	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.410	188	2260066	20.000	ng/ul	0.00
79) Chrysene-d12	21.504	240	1871706	20.000	ng/ul	0.00
88) Perylene-d12	24.045	264	1714474	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	78110	7.410	ng/uL	0.00
4) Pyridine-d5	3.764	84	958144	31.813	ng/ul	0.00
7) Phenol-d5	7.128	99	1232822	33.845	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.322	67	756624	33.208	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	910529	34.539	ng/ul	0.00
15) 4-Methylphenol-d8	8.693	113	943767	34.010	ng/ul	0.00
21) Nitrobenzene-d5	9.181	128	455932	33.904	ng/ul	0.00
24) 2-Nitrophenol-d4	9.893	143	506562	34.749	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	914422	33.977	ng/ul	0.00
31) 4-Chloroaniline-d4	10.969	131	1254838	32.317	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	2695127	34.194	ng/ul	0.00
49) Acenaphthylene-d8	14.340	160	3123468	34.338	ng/ul	0.00
54) 4-Nitrophenol-d4	14.857	143	543026	35.270	ng/ul	0.00
60) Fluorene-d10	15.634	176	2305826	34.168	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	450671	33.135	ng/ul	0.00
73) Anthracene-d10	17.510	188	3485422	33.581	ng/ul	0.00
81) Pyrene-d10	19.745	212	3957126	34.710	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.880	264	3172956	36.480	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	150417	13.217	ng/uL	99
5) Pyridine	3.781	79	953314	29.733	ng/ul	97
6) Benzaldehyde	7.140	77	786147	47.619	ng/ul	99
8) Phenol	7.158	94	1331119	35.173	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.417	93	1044607	34.613	ng/ul	98
12) 2-Chlorophenol	7.534	128	993557	35.376	ng/ul	100
13) 2-Methylphenol	8.422	108	969120	34.911	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.516	45	1492546m	35.126	ng/ul	
16) Acetophenone	8.834	105	1583518	35.362	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.811	70	862067	36.037	ng/ul	99
18) 4-Methylphenol	8.764	108	1069427	35.325	ng/ul	97
19) Hexachloroethane	9.052	117	408851	35.141	ng/ul	99
22) Nitrobenzene	9.228	77	1246881	34.725	ng/ul	99
23) Isophorone	9.740	82	2388780	35.410	ng/ul	99
25) 2-Nitrophenol	9.928	139	577494	35.981	ng/ul	98
26) 2,4-Dimethylphenol	9.969	107	985789	30.082	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.228	93	1448366	34.644	ng/ul	99
29) 2,4-Dichlorophenol	10.452	162	962774	35.102	ng/ul	98
30) Naphthalene	10.863	128	3191565	33.743	ng/ul	100
32) 4-Chloroaniline	10.993	127	1291218	31.953	ng/ul	99
33) Hexachlorobutadiene	11.093	225	549207	33.502	ng/ul	99
34) Caprolactam	11.828	113	321396m	35.382	ng/ul	
35) 4-Chloro-3-methylphenol	12.099	107	1092333	36.342	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.463	142	2167937	34.684	ng/ul	99
37) 1-Methylnaphthalene	12.687	142	2163866	34.385	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.816	216	1080912	34.647	ng/ul	99
40) Hexachlorocyclopentadiene	12.763	237	539465	26.688	ng/ul	100
41) 2,4,6-Trichlorophenol	13.069	196	760931	35.836	ng/ul	99
42) 2,4,5-Trichlorophenol	13.140	196	840358	36.374	ng/ul	97
43) 1,1'-Biphenyl	13.475	154	2922558	34.869	ng/ul	100
44) 2-Chloronaphthalene	13.522	162	2286483	34.745	ng/ul	100
45) 2-Nitroaniline	13.757	65	762125	38.887	ng/ul	96
47) Dimethylphthalate	14.104	163	2947797	35.644	ng/ul	100
48) 2,6-Dinitrotoluene	14.246	165	617491	38.446	ng/ul	100
50) Acenaphthylene	14.369	152	3588071	35.228	ng/ul	100
51) 3-Nitroaniline	14.587	138	663048	41.367	ng/ul	97
52) Acenaphthene	14.704	153	2498360	35.157	ng/ul	99
53) 2,4-Dinitrophenol	14.781	184	338600	34.002	ng/ul	99
55) 4-Nitrophenol	14.875	109	454950	36.920	ng/ul	97
56) Dibenzofuran	15.040	168	3438678	35.192	ng/ul	99
57) 2,4-Dinitrotoluene	15.028	165	899258	39.005	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.257	232	680676	36.542	ng/ul	98
59) Diethylphthalate	15.457	149	2995255	36.243	ng/ul	100
61) Fluorene	15.693	166	2876321	35.704	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.681	204	1385444	35.586	ng/ul	97
63) 4-Nitroaniline	15.757	138	664081	47.123	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.781	198	493304	34.619	ng/ul	98
67) N-Nitrosodiphenylamine	15.910	169	2415366	35.443	ng/ul	99
68) 4-Bromophenyl-phenylether	16.587	248	802065	35.671	ng/ul	97
69) Hexachlorobenzene	16.669	284	869981	35.297	ng/ul	99
70) Atrazine	16.863	200	803996	34.458	ng/ul	98
71) Pentachlorophenol	17.034	266	547395	34.056	ng/ul	100
72) Phenanthrene	17.451	178	4458358	35.501	ng/ul	99
74) Anthracene	17.545	178	4440081	35.170	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.428	216	1069201	33.212	ng/uL	98
76) Pentachlorobenzene	14.934	250	1016273	32.772	ng/uL	99
77) Carbazole	17.828	167	4224105	37.234	ng/ul	100
78) Di-n-butylphthalate	18.339	149	5281141	37.998	ng/ul	100
80) Fluoranthene	19.416	202	5169670	36.316	ng/ul	99
82) Pyrene	19.775	202	5309734	35.925	ng/ul	100
83) Butylbenzylphthalate	20.633	149	2413944	39.493	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.428	252	1608501	38.723	ng/ul	100
85) Benzo(a)anthracene	21.486	228	4852485	36.811	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.363	149	3420191	40.504	ng/ul	99
87) Chrysene	21.545	228	4533752	36.768	ng/ul	98
89) Di-n-octyl phthalate	22.333	149	5619212	39.098	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	4387432	36.627	ng/ul	100
91) Benzo(k)fluoranthene	23.310	252	4327798	37.309	ng/ul	100
93) Benzo(a)pyrene	23.933	252	3731344	37.347	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.745	276	4142955	37.356	ng/ul	100
95) Dibenzo(a,h)anthracene	26.768	278	3444985	37.635	ng/ul	99
96) Benzo(g,h,i)perylene	27.592	276	3198257	36.594	ng/ul	99

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