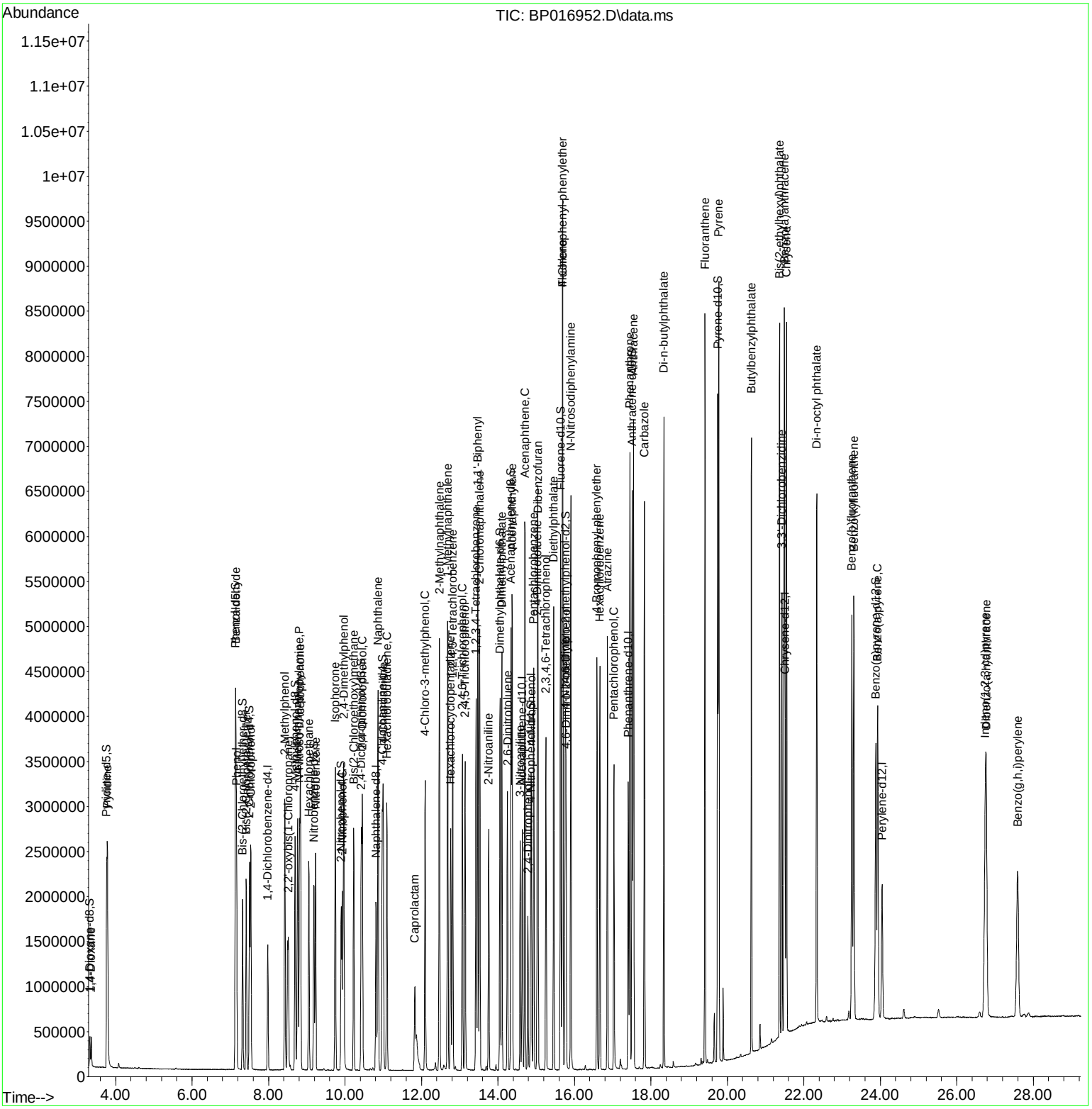
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090523\
Data File : BP016952.D
Acq On : 05 Sep 2023 13:15
Operator : MA/JU
Sample : SSTD04040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 06 01:41:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 06 01:15:58 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD040648

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/06/2023
Supervised By :mohammad ahmed 09/07/2023



Quantitation Report (Qedit)

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Data File : BP016952.D
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Misc :
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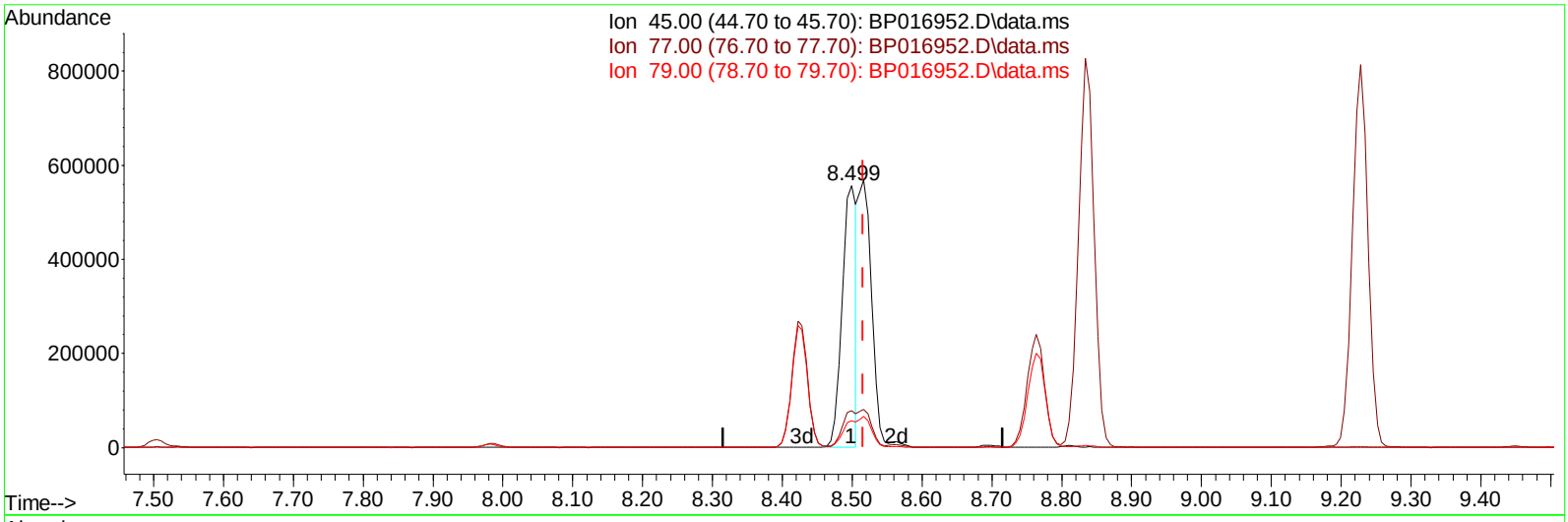

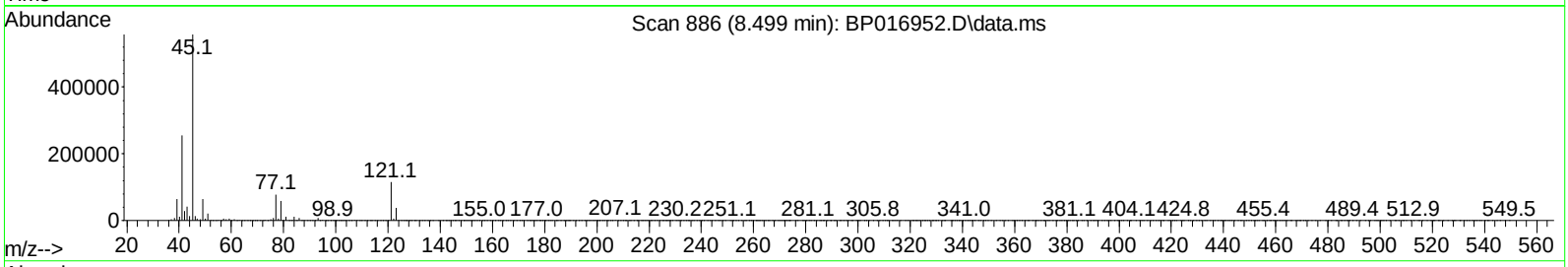

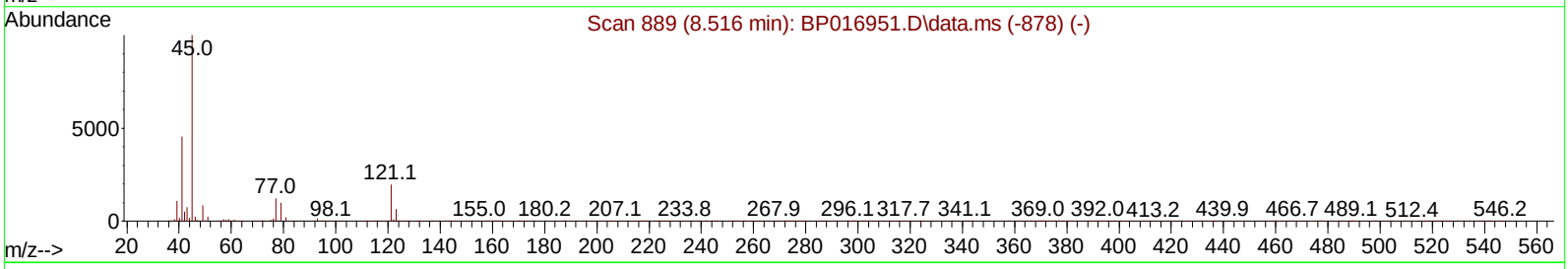

TIC: BP016952.D\data.ms

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

8.499min (-0.017) 20.57 ng/ul

response 783858

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	14.10	14.04
79.00	11.20	10.36
0.00	0.00	0.00

Quantitation Report (Qedit)

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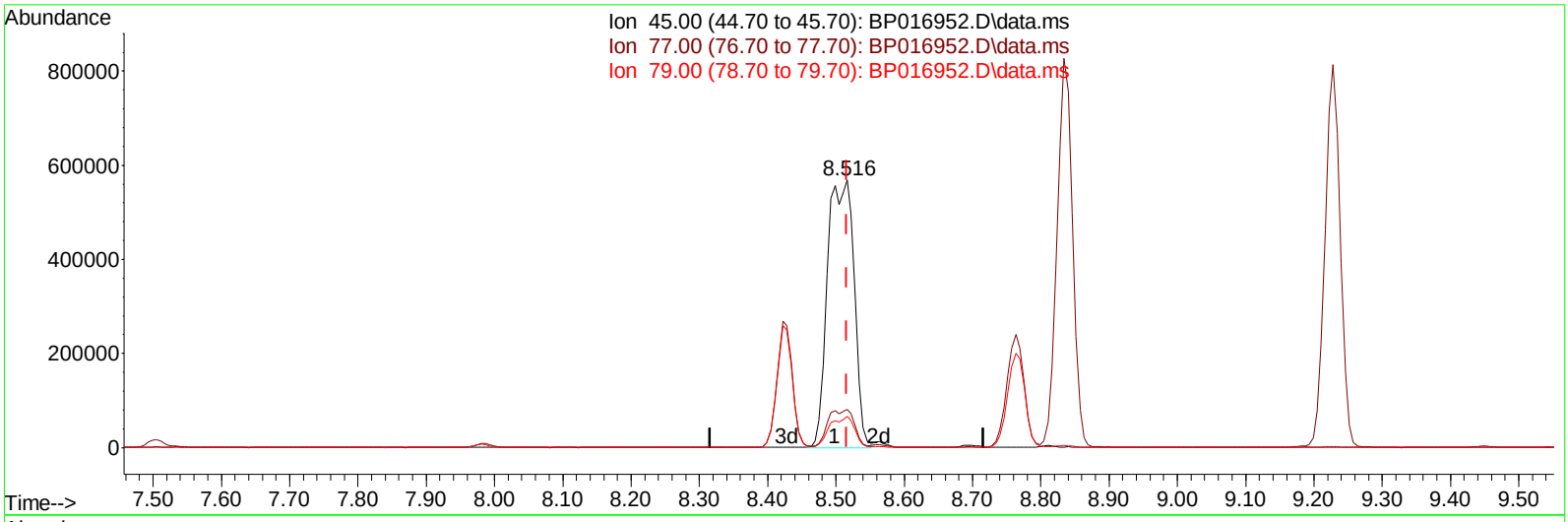

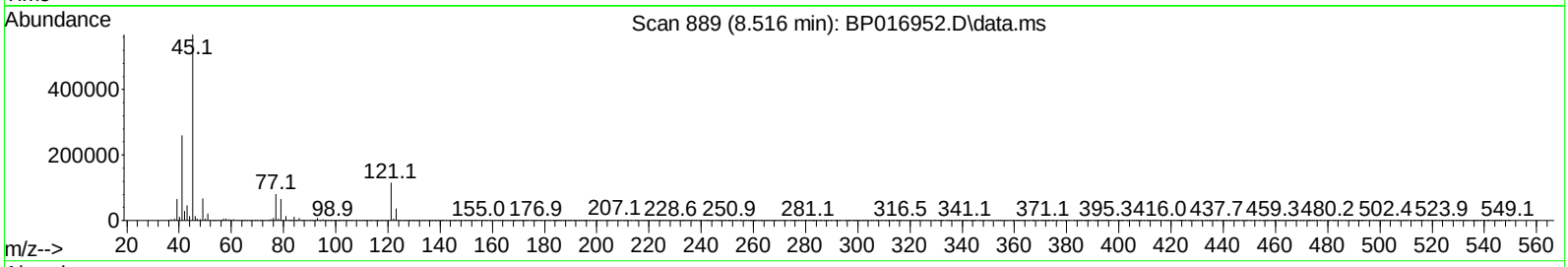

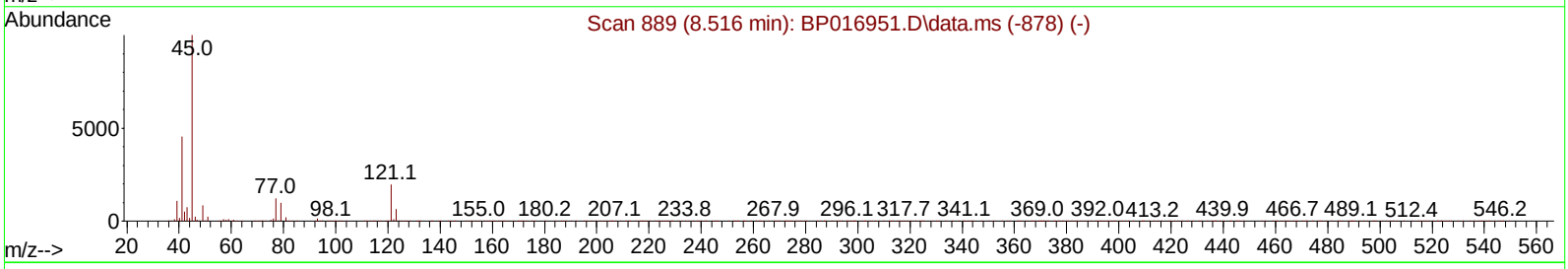

TIC: BP016952.D\data.ms

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

8.516min (+ 0.000) 40.23 ng/ul m

response 1533105

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	14.10	14.39
79.00	11.20	11.63
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090523\
Data File : BP016952.D
Acq On : 05 Sep 2023 13:15
Operator : MA/JU
Sample : SSTD04040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 06 01:40:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090523.MA.M
Quant Title : SVOA CALIBRATION
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ClientSampleId :
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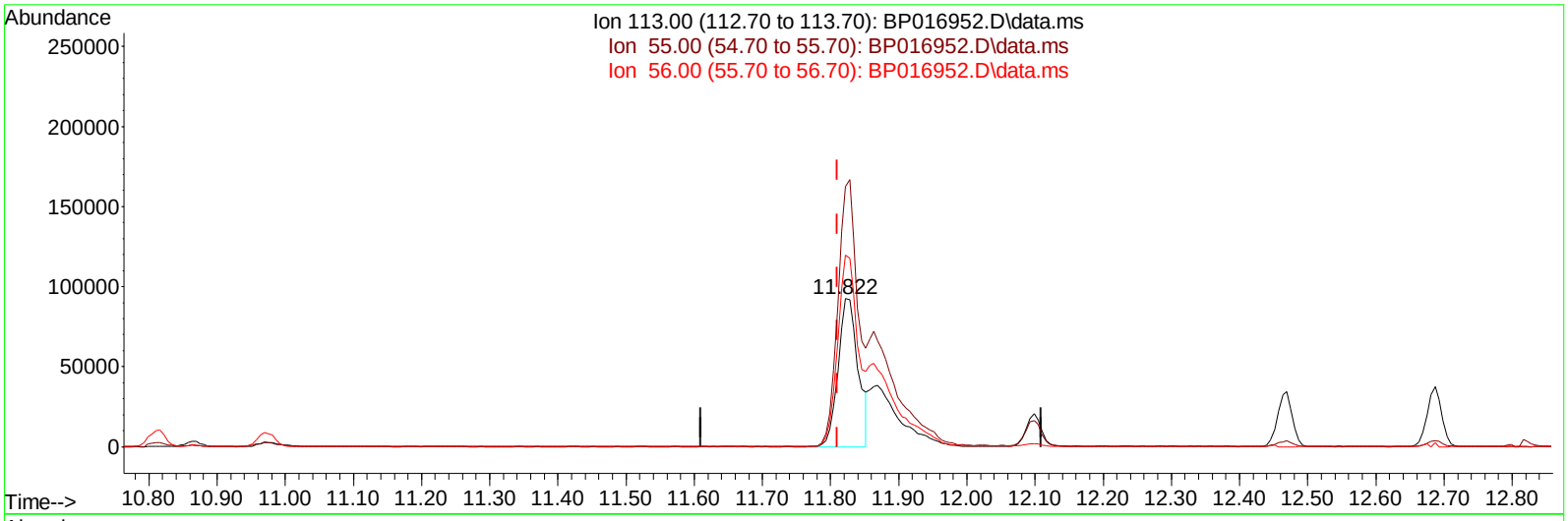

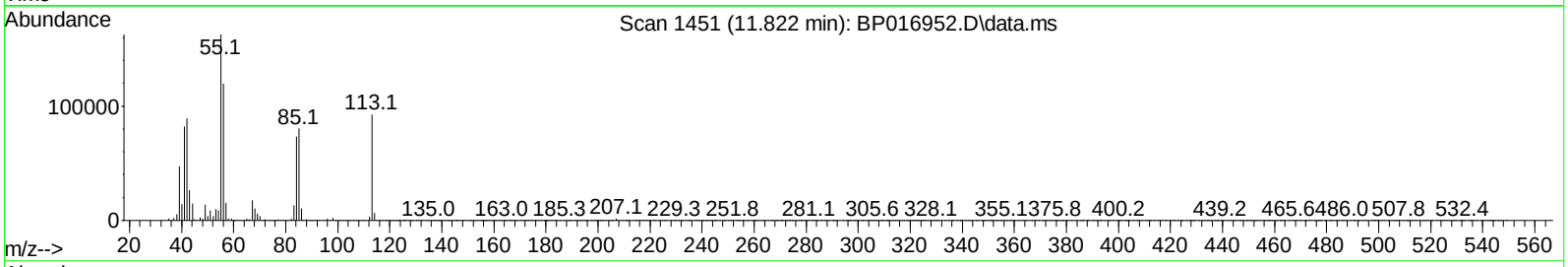

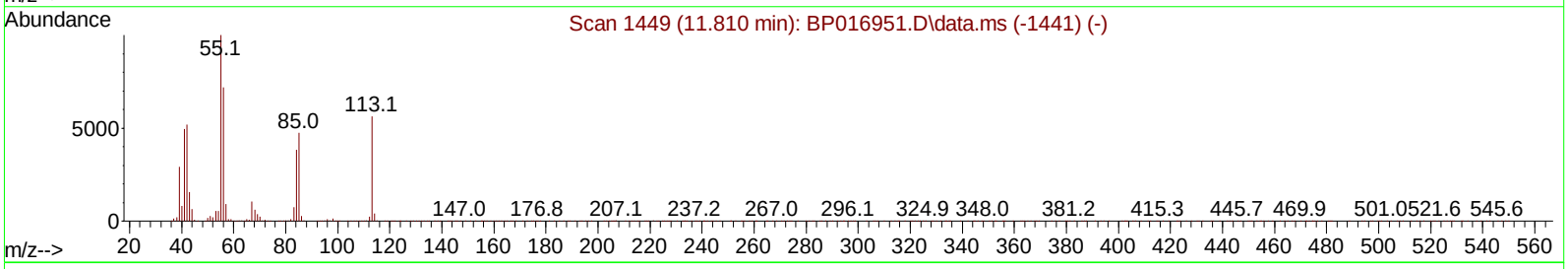

TIC: BP016952.D\data.ms

(34) Caprolactam

11.822min (+ 0.012) 24.44 ng/ul

response 190353

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.90	175.39
56.00	127.70	129.08
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : MA/JU
Sample : SSTD04040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 06 01:40:53 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 06 01:15:58 2023
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Instrument :
BNA_P
ClientSampleId :
SSTD040648

Manual IntegrationsAPPROVED

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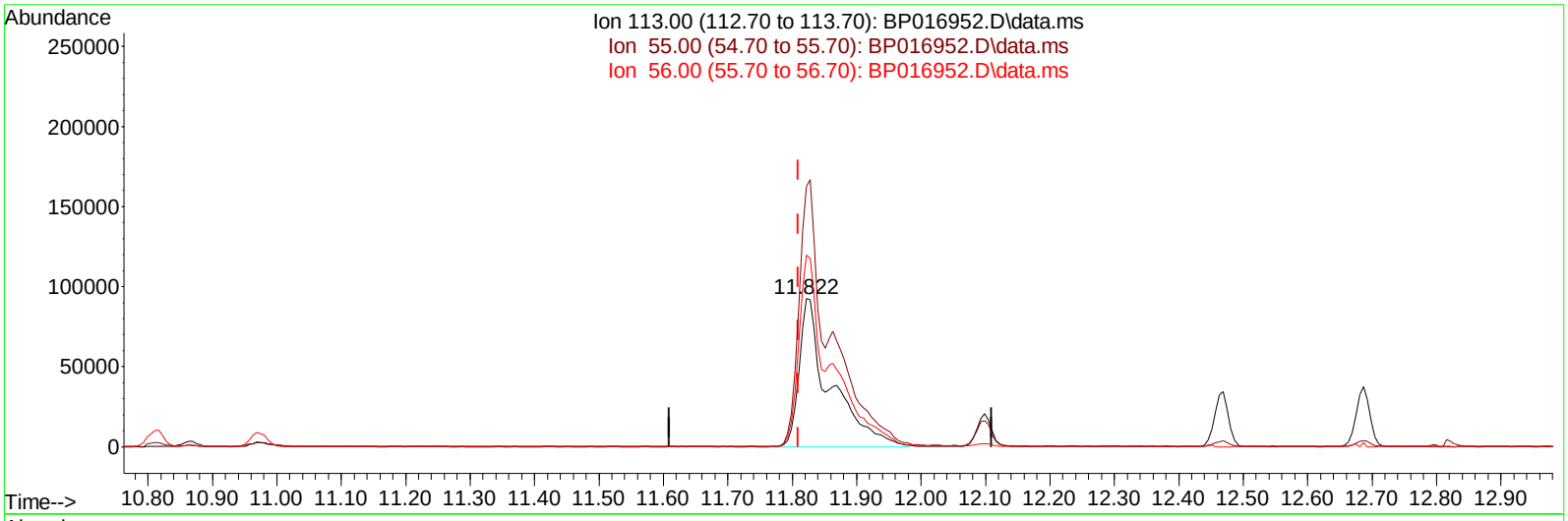
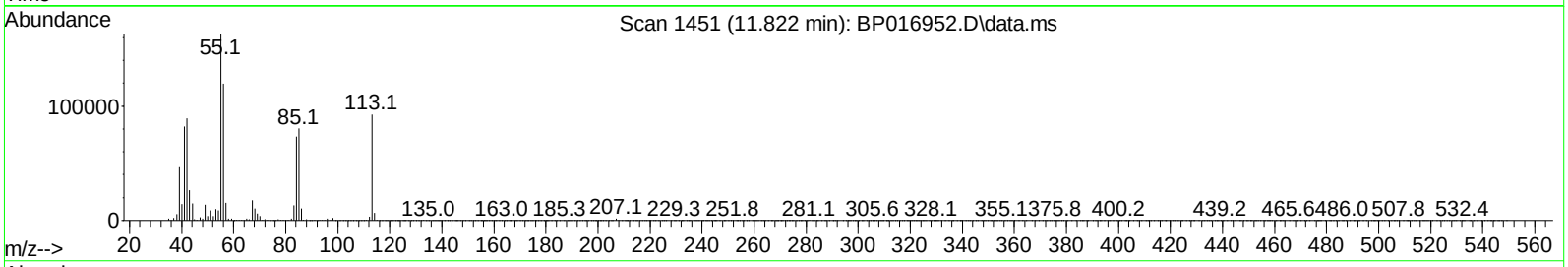
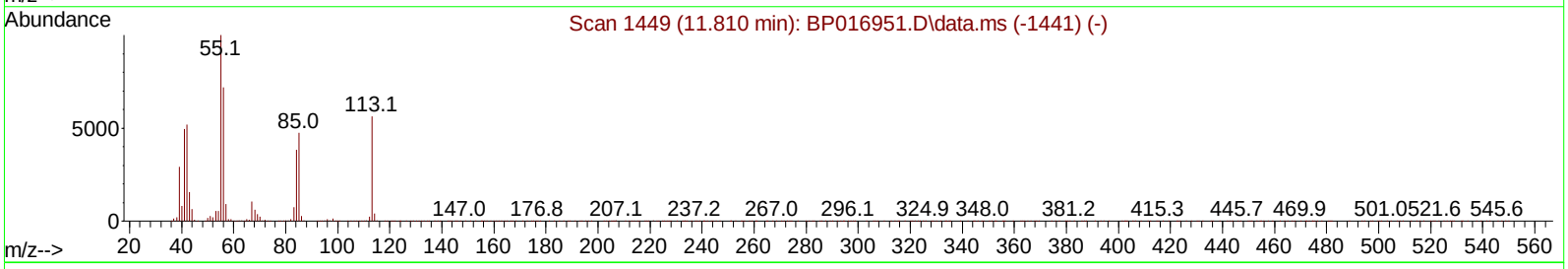
Supervised By :mohammad ahmed 09/07/2023







TIC: BP016952.D\data.ms

(34) Caprolactam

11.822min (+ 0.012) 39.76 ng/ul m

response 309632

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.90	175.39
56.00	127.70	129.08
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Sample : SSTD04040
Misc :
ALS Vial : 5 Sample Multiplier: 1

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Instrument :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/06/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	357400	20.000	ng/ul	0.00
20) Naphthalene-d8	10.810	136	1485895	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.640	164	883989	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.410	188	1795081	20.000	ng/ul	0.00
79) Chrysene-d12	21.510	240	1345527	20.000	ng/ul	0.00
88) Perylene-d12	24.051	264	1092429	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	152408	16.130	ng/uL	0.00
4) Pyridine-d5	3.764	84	1094901	40.555	ng/ul	0.00
7) Phenol-d5	7.134	99	1307193	40.034	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.322	67	814505	39.880	ng/ul	0.00
11) 2-Chlorophenol-d4	7.505	132	977582	41.367	ng/ul	0.00
15) 4-Methylphenol-d8	8.699	113	991255	39.849	ng/ul	0.00
21) Nitrobenzene-d5	9.187	128	489440	42.458	ng/ul	0.00
24) 2-Nitrophenol-d4	9.899	143	539100	43.141	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	965409	41.846	ng/ul	0.00
31) 4-Chloroaniline-d4	10.975	131	1324518	39.794	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	2638612	40.099	ng/ul	0.00
49) Acenaphthylene-d8	14.340	160	3144221	41.404	ng/ul	0.00
54) 4-Nitrophenol-d4	14.857	143	512261	39.854	ng/ul	0.00
60) Fluorene-d10	15.640	176	2263451	40.176	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.769	200	432585	40.044	ng/ul	0.00
73) Anthracene-d10	17.510	188	3390982	41.134	ng/ul	0.00
81) Pyrene-d10	19.745	212	3515429	42.894	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.880	264	2310574	41.691	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	164290	16.104	ng/uL	98
5) Pyridine	3.787	79	1149270	39.987	ng/ul	97
6) Benzaldehyde	7.140	77	740826	50.059	ng/ul	99
8) Phenol	7.164	94	1361166	40.123	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.417	93	1087512	40.199	ng/ul	99
12) 2-Chlorophenol	7.540	128	1032945	41.029	ng/ul	97
13) 2-Methylphenol	8.422	108	996641	40.051	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.516	45	1533105m	40.232	ng/ul	
16) Acetophenone	8.834	105	1621055	40.383	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.811	70	871537	40.643	ng/ul	99
18) 4-Methylphenol	8.763	108	1089197	40.136	ng/ul	99
19) Hexachloroethane	9.052	117	428863	41.121	ng/ul	100
22) Nitrobenzene	9.228	77	1268896	41.224	ng/ul	99
23) Isophorone	9.746	82	2364048	40.881	ng/ul	99
25) 2-Nitrophenol	9.934	139	586251	42.611	ng/ul	97
26) 2,4-Dimethylphenol	9.969	107	1149117	40.906	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.228	93	1461928	40.792	ng/ul	100
29) 2,4-Dichlorophenol	10.452	162	972323	41.355	ng/ul	99
30) Naphthalene	10.863	128	3279661	40.450	ng/ul	100
32) 4-Chloroaniline	10.999	127	1385380	39.994	ng/ul	100
33) Hexachlorobutadiene	11.093	225	581808	41.402	ng/ul	99
34) Caprolactam	11.822	113	309632m	39.755	ng/ul	
35) 4-Chloro-3-methylphenol	12.099	107	1053643	40.894	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.469	142	2164045	40.388	ng/ul	99
37) 1-Methylnaphthalene	12.687	142	2172785	40.278	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.816	216	1090690	41.877	ng/ul	99
40) Hexachlorocyclopentadiene	12.763	237	688351	40.790	ng/ul	100
41) 2,4,6-Trichlorophenol	13.069	196	748131	42.204	ng/ul	98
42) 2,4,5-Trichlorophenol	13.140	196	813703	42.188	ng/ul	100
43) 1,1'-Biphenyl	13.475	154	2866639	40.967	ng/ul	100
44) 2-Chloronaphthalene	13.522	162	2256722	41.077	ng/ul	99
45) 2-Nitroaniline	13.757	65	700431	42.809	ng/ul	95
47) Dimethylphthalate	14.104	163	2762979	40.018	ng/ul	99
48) 2,6-Dinitrotoluene	14.251	165	572351	42.686	ng/ul	95
50) Acenaphthylene	14.369	152	3482817	40.959	ng/ul	99
51) 3-Nitroaniline	14.587	138	568245	42.465	ng/ul	97
52) Acenaphthene	14.704	153	2407582	40.582	ng/ul	99
53) 2,4-Dinitrophenol	14.787	184	328881	39.560	ng/ul	93
55) 4-Nitrophenol	14.875	109	406190	39.484	ng/ul	95
56) Dibenzofuran	15.046	168	3259153	39.953	ng/ul	100
57) 2,4-Dinitrotoluene	15.028	165	815479	42.369	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.257	232	639115	41.099	ng/ul	100
59) Diethylphthalate	15.457	149	2756475	39.952	ng/ul	100
61) Fluorene	15.693	166	2709763	40.291	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.687	204	1317612	40.539	ng/ul	99
63) 4-Nitroaniline	15.757	138	518976	44.112	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.781	198	453644	40.082	ng/ul	98
67) N-Nitrosodiphenylamine	15.910	169	2245566	41.487	ng/ul	99
68) 4-Bromophenyl-phenylether	16.587	248	750367	42.016	ng/ul	97
69) Hexachlorobenzene	16.669	284	805089	41.125	ng/ul	98
70) Atrazine	16.863	200	763793	41.214	ng/ul	100
71) Pentachlorophenol	17.034	266	509565	39.915	ng/ul	99
72) Phenanthrene	17.451	178	4067325	40.776	ng/ul	100
74) Anthracene	17.545	178	4092543	40.815	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.428	216	1102970	43.135	ng/uL	99
76) Pentachlorobenzene	14.934	250	1033450	41.959	ng/uL	99
77) Carbazole	17.828	167	3661915	40.639	ng/ul	99
78) Di-n-butylphthalate	18.339	149	4558078	41.290	ng/ul	100
80) Fluoranthene	19.416	202	4384633	42.847	ng/ul	100
82) Pyrene	19.775	202	4526560	42.603	ng/ul	100
83) Butylbenzylphthalate	20.633	149	1916776	43.623	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.428	252	1243251	41.634	ng/ul	99
85) Benzo(a)anthracene	21.492	228	3877321	40.916	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.369	149	2593099	42.718	ng/ul	100
87) Chrysene	21.545	228	3618991	40.826	ng/ul	98
89) Di-n-octyl phthalate	22.339	149	3967518	43.325	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	3257453	42.678	ng/ul	100
91) Benzo(k)fluoranthene	23.310	252	3117371	42.177	ng/ul	99
93) Benzo(a)pyrene	23.933	252	2671321	41.962	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.745	276	2773255	39.244	ng/ul	99
95) Dibenzo(a,h)anthracene	26.774	278	2293159	39.316	ng/ul	100
96) Benzo(g,h,i)perylene	27.592	276	2155175	38.701	ng/ul	99

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