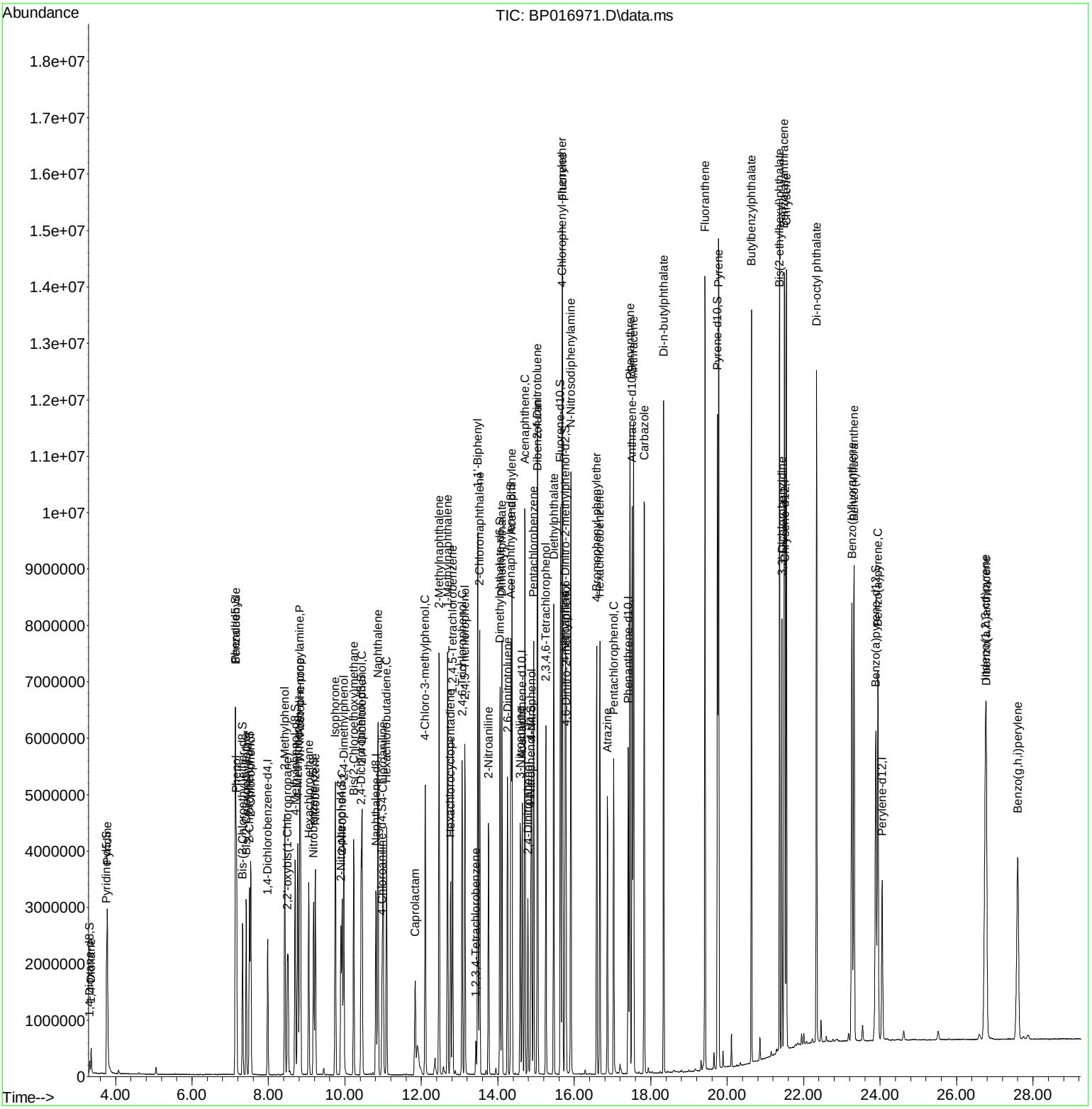
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090623\
Data File : BP016971.D
Acq On : 07 Sep 2023 00:47
Operator : MA/JU
Sample : PB155165BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 07 01:17:43 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 :
SLCS165

Manual IntegrationsAPPROVED

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



Quantitation Report (Qedit)

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Data File : BP016971.D
Acq On : 07 Sep 2023 00:47
Operator : MA/JU
Sample : PB155165BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 07 01:16:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090523.MA.M
Quant Title : SVOA CALIBRATION
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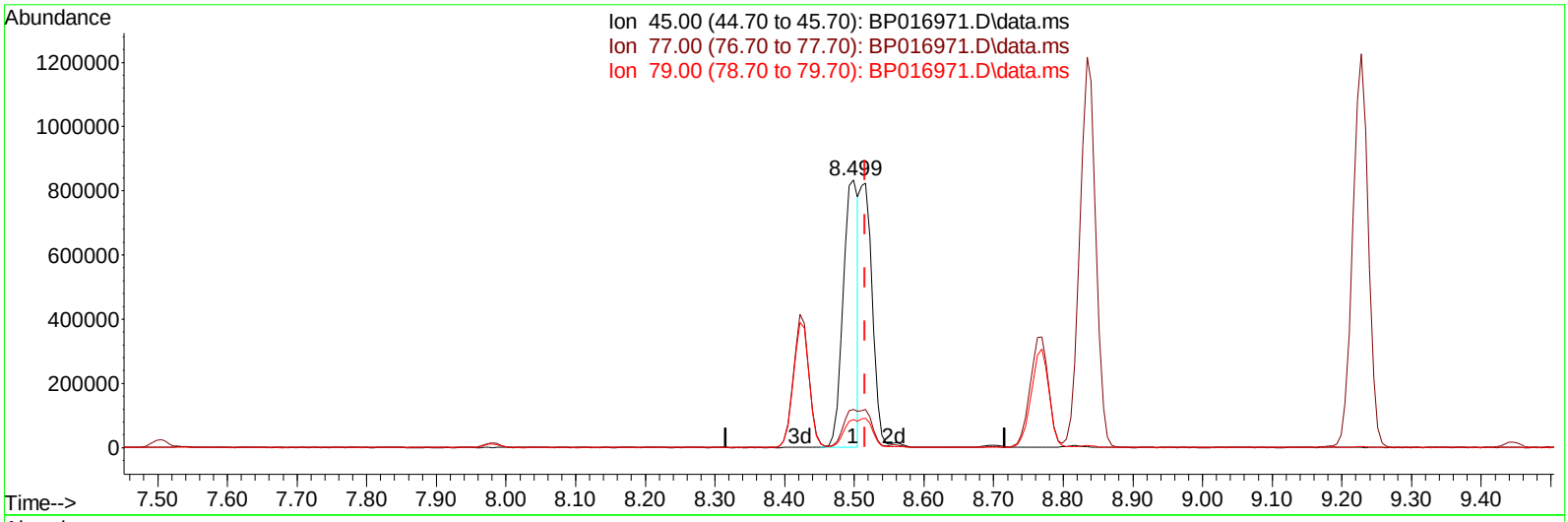

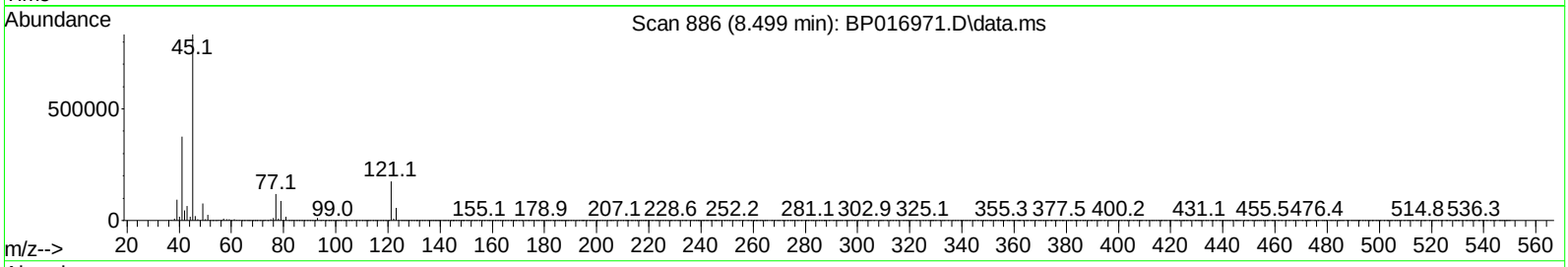

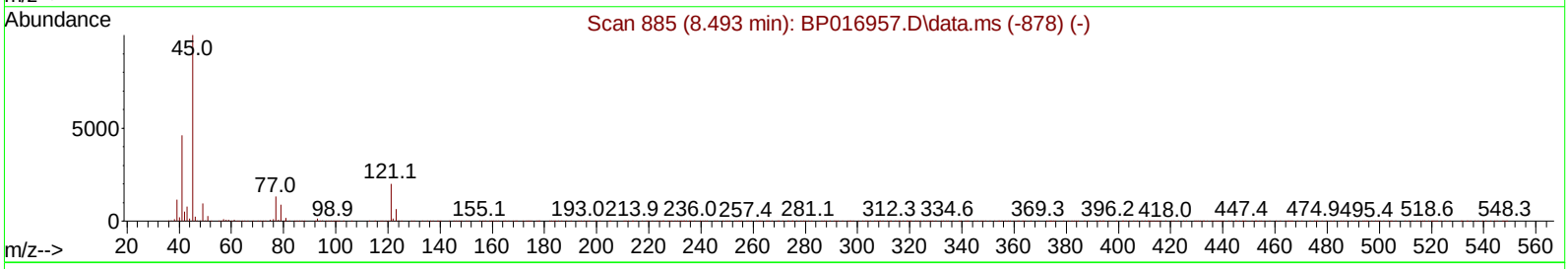

TIC: BP016971.D\data.ms

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

8.499min (-0.017) 19.72 ng/ul

response 1255322

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	14.10	14.28
79.00	11.20	10.46
0.00	0.00	0.00

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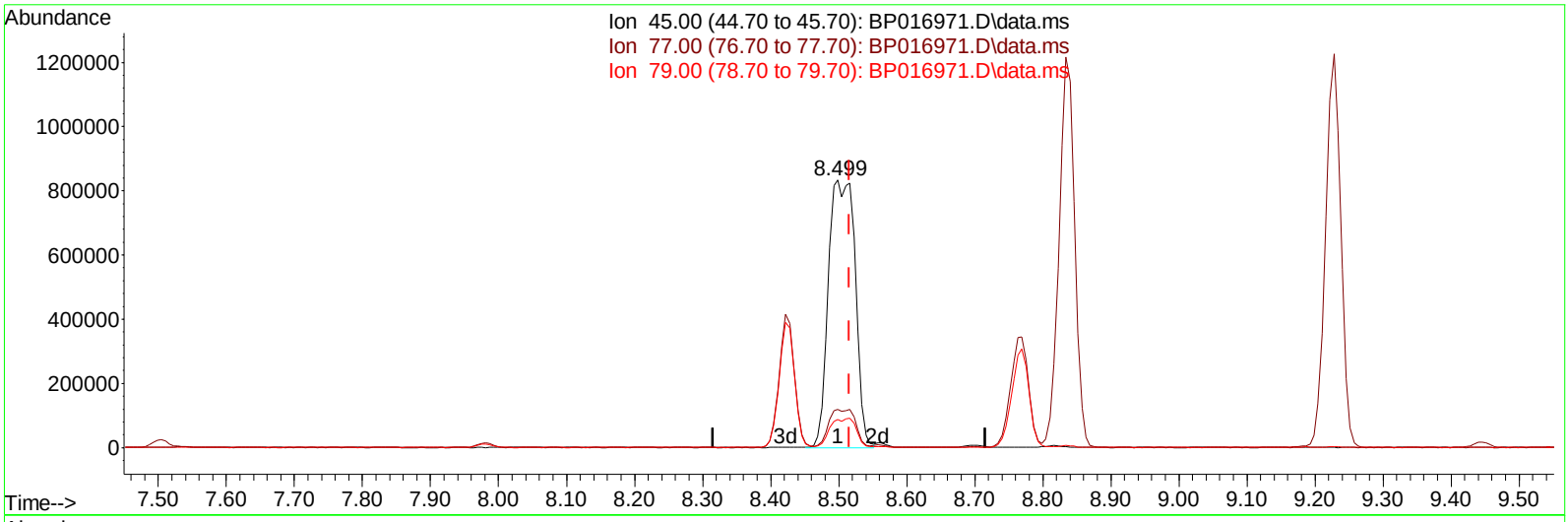

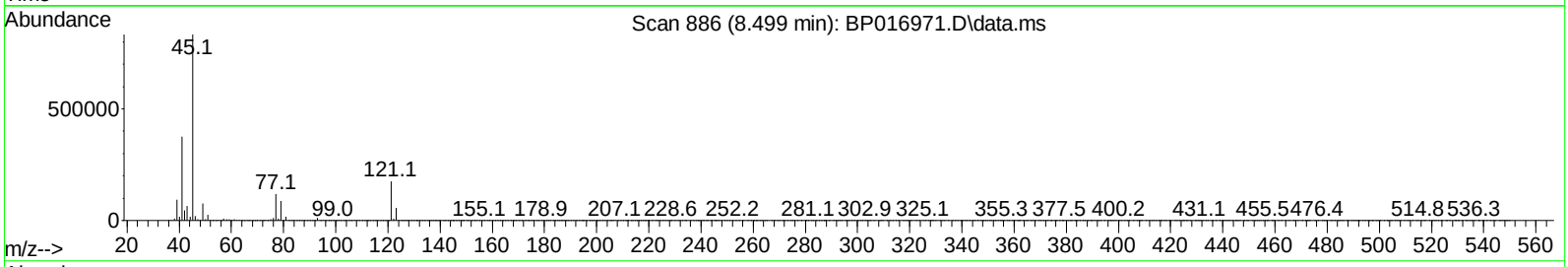

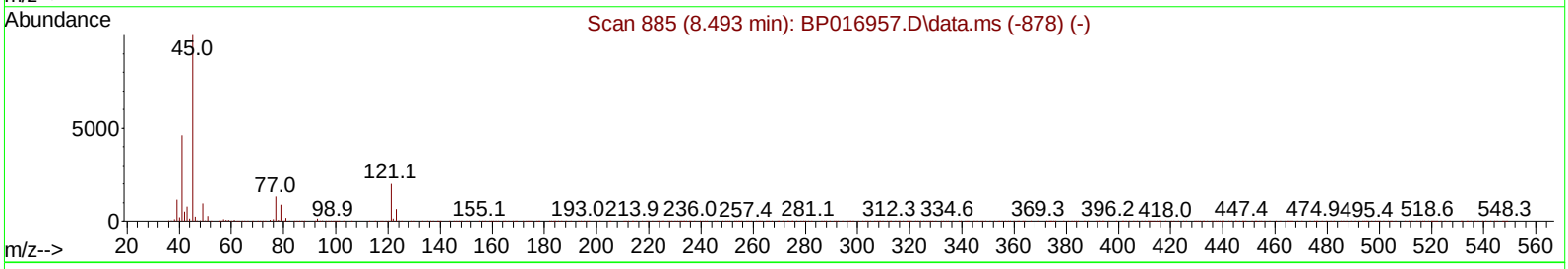

TIC: BP016971.D\data.ms

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

8.499min (-0.017) 35.58 ng/ul m

response 2264375

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	14.10	14.28
79.00	11.20	10.46
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090623\
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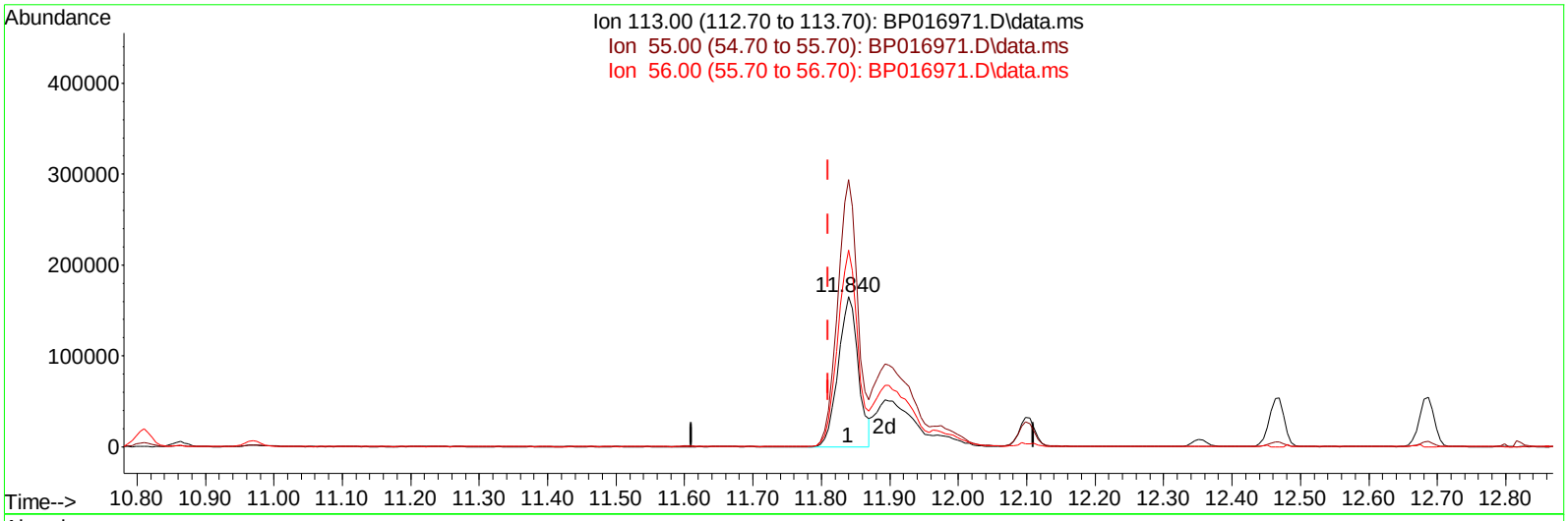

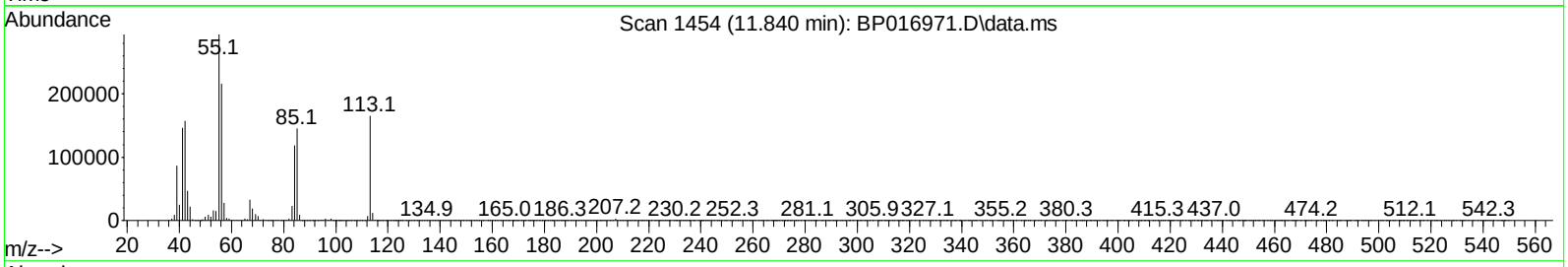

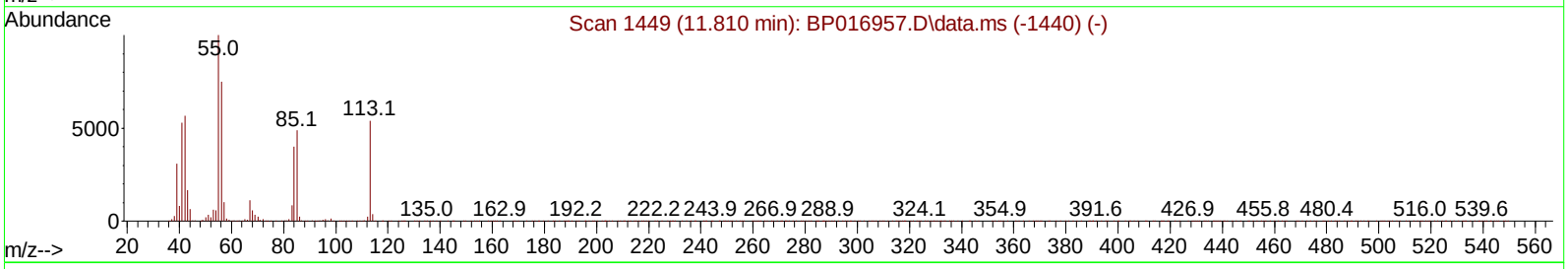

TIC: BP016971.D\data.ms

(34) Caprolactam

11.840min (+ 0.030) 24.80 ng/ul

response 335602

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.90	177.77
56.00	127.70	131.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090623\
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Operator : MA/JU
Sample : PB155165BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 07 01:17:14 2023
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 06 01:52:05 2023
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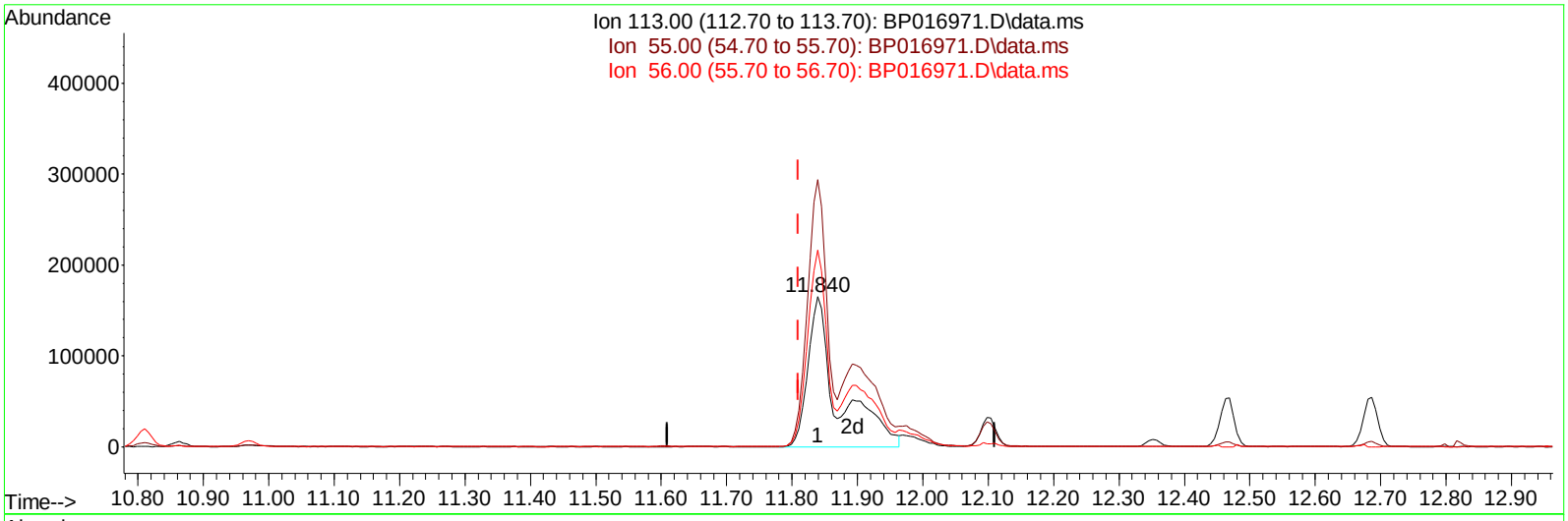
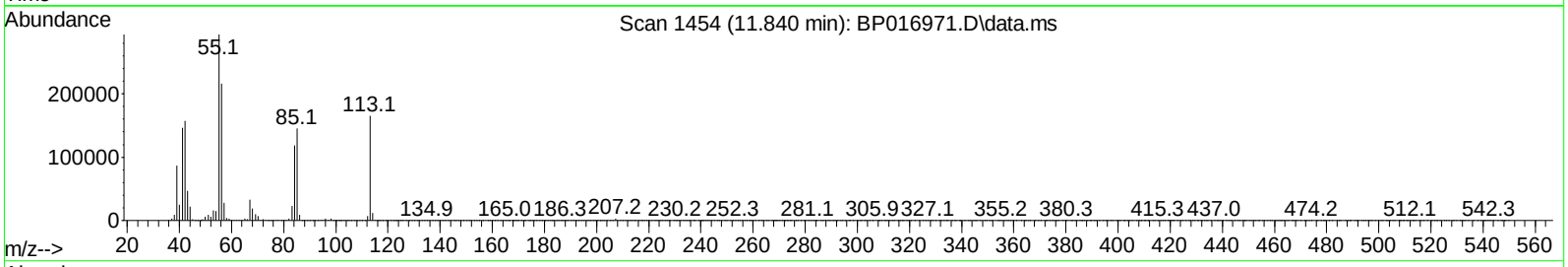
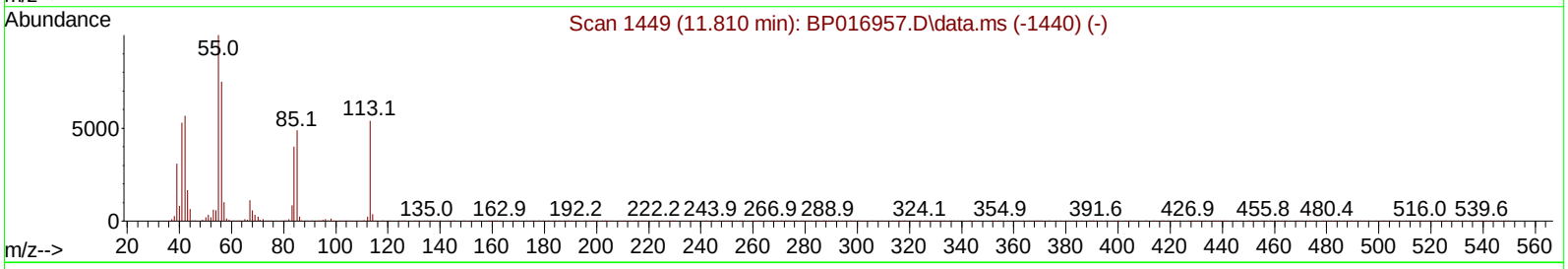
Instrument :
BNA_P
ClientSampleId :
SLCS165

Manual IntegrationsAPPROVED

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







TIC: BP016971.D\data.ms

(34) Caprolactam

11.840min (+ 0.030) 38.96 ng/ul m

response 527128

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.90	177.77
56.00	127.70	131.06
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	597200	20.000	ng/ul	0.00
20) Naphthalene-d8	10.810	136	2581915	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.640	164	1560838	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.410	188	3278838	20.000	ng/ul	0.00
79) Chrysene-d12	21.510	240	2492986	20.000	ng/ul	0.00
88) Perylene-d12	24.051	264	2054040	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	99623	6.310	ng/uL	0.00
4) Pyridine-d5	3.764	84	1041259	23.081	ng/ul	0.00
7) Phenol-d5	7.134	99	1953946	35.813	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.322	67	1164274	34.115	ng/ul	0.00
11) 2-Chlorophenol-d4	7.505	132	1449031	36.696	ng/ul	0.00
15) 4-Methylphenol-d8	8.699	113	1499884	36.085	ng/ul	0.00
21) Nitrobenzene-d5	9.181	128	719276	35.909	ng/ul	0.00
24) 2-Nitrophenol-d4	9.899	143	817320	37.641	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	1472024	36.720	ng/ul	0.00
31) 4-Chloroaniline-d4	10.969	131	912441	15.776	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	4398470	37.858	ng/ul	0.00
49) Acenaphthylene-d8	14.340	160	4938423	36.831	ng/ul	0.00
54) 4-Nitrophenol-d4	14.863	143	856608	37.744	ng/ul	0.00
60) Fluorene-d10	15.639	176	3679746	36.991	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.769	200	761923	38.614	ng/ul	0.00
73) Anthracene-d10	17.510	188	5461803	36.272	ng/ul	0.00
81) Pyrene-d10	19.745	212	6010819	39.585	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.886	264	4154897	39.872	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	212433	12.462	ng/uL	98
5) Pyridine	3.781	79	1384364	28.826	ng/ul	98
6) Benzaldehyde	7.140	77	1160839	46.943	ng/ul	98
8) Phenol	7.163	94	2066301	36.452	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.416	93	1591240	35.201	ng/ul	100
12) 2-Chlorophenol	7.534	128	1549639	36.837	ng/ul	100
13) 2-Methylphenol	8.422	108	1501561	36.112	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.499	45	2264375m	35.578	ng/ul	
16) Acetophenone	8.834	105	2443798	36.434	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.816	70	1343697	37.501	ng/ul	99
18) 4-Methylphenol	8.769	108	1668627	36.797	ng/ul	96
19) Hexachloroethane	9.052	117	631702	36.248	ng/ul	97
22) Nitrobenzene	9.228	77	1909992	35.711	ng/ul	100
23) Isophorone	9.746	82	3758509	37.405	ng/ul	100
25) 2-Nitrophenol	9.928	139	903372	37.788	ng/ul	100
26) 2,4-Dimethylphenol	9.969	107	1500702	30.745	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.228	93	2255529	36.220	ng/ul	100
29) 2,4-Dichlorophenol	10.451	162	1507974	36.911	ng/ul	97
30) Naphthalene	10.863	128	4856962	34.474	ng/ul	99
32) 4-Chloroaniline	10.999	127	1906522	31.675	ng/ul	100
33) Hexachlorobutadiene	11.093	225	845117	34.610	ng/ul	100
34) Caprolactam	11.840	113	527128m	38.960	ng/ul	
35) 4-Chloro-3-methylphenol	12.098	107	1735330	38.761	ng/ul	100

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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)
36) 2-Methylnaphthalene	12.463	142	3371510	36.213 ng/ul	99
37) 1-Methylnaphthalene	12.687	142	3277986	34.970 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.816	216	1673770	36.397 ng/ul	100
40) Hexachlorocyclopentadiene	12.763	237	874984	29.365 ng/ul	99
41) 2,4,6-Trichlorophenol	13.069	196	1202033	38.404 ng/ul	99
42) 2,4,5-Trichlorophenol	13.140	196	1321233	38.796 ng/ul	97
43) 1,1'-Biphenyl	13.475	154	4576368	37.040 ng/ul	99
44) 2-Chloronaphthalene	13.522	162	3567178	36.773 ng/ul	100
45) 2-Nitroaniline	13.757	65	1218476	42.177 ng/ul	97
47) Dimethylphthalate	14.104	163	4626159	37.948 ng/ul	99
48) 2,6-Dinitrotoluene	14.251	165	1002510	42.345 ng/ul	96
50) Acenaphthylene	14.369	152	5604613	37.330 ng/ul	99
51) 3-Nitroaniline	14.587	138	1035546	43.829 ng/ul	99
52) Acenaphthene	14.704	153	3875975	37.002 ng/ul	99
53) 2,4-Dinitrophenol	14.787	184	580160	39.523 ng/ul	95
55) 4-Nitrophenol	14.881	109	699750	38.524 ng/ul	97
56) Dibenzofuran	15.045	168	5314656	36.899 ng/ul	100
57) 2,4-Dinitrotoluene	15.034	165	1427987	42.019 ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.257	232	1052407	38.329 ng/ul	99
59) Diethylphthalate	15.463	149	4697382	38.559 ng/ul	98
61) Fluorene	15.692	166	4440142	37.391 ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.687	204	2204170	38.408 ng/ul	98
63) 4-Nitroaniline	15.763	138	1033346	49.744 ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.787	198	810010	39.182 ng/ul#	97
67) N-Nitrosodiphenylamine	15.910	169	3771682	38.149 ng/ul	100
68) 4-Bromophenyl-phenylether	16.586	248	1281633	39.289 ng/ul	96
69) Hexachlorobenzene	16.669	284	1377372	38.519 ng/ul	99
70) Atrazine	16.863	200	804423	23.764 ng/ul	98
71) Pentachlorophenol	17.034	266	841008	36.066 ng/ul	99
72) Phenanthrene	17.457	178	6829893	37.487 ng/ul	99
74) Anthracene	17.545	178	6740365	36.802 ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.428	216	168322	3.604 ng/uL	97
76) Pentachlorobenzene	14.934	250	1689252	37.548 ng/uL	100
77) Carbazole	17.833	167	6271159	38.102 ng/ul	99
78) Di-n-butylphthalate	18.339	149	7874929	39.055 ng/ul	99
80) Fluoranthene	19.416	202	7675261	40.481 ng/ul	99
82) Pyrene	19.775	202	7711228	39.171 ng/ul	97
83) Butylbenzylphthalate	20.633	149	3516883	43.199 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.433	252	2095689	37.878 ng/ul	99
85) Benzo(a)anthracene	21.492	228	6909279	39.352 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.369	149	4898452	43.553 ng/ul	97
87) Chrysene	21.551	228	6315005	38.450 ng/ul	97
89) Di-n-octyl phthalate	22.339	149	7752263	45.023 ng/ul	100
90) Benzo(b)fluoranthene	23.263	252	5764249	40.166 ng/ul	99
91) Benzo(k)fluoranthene	23.316	252	5654998	40.692 ng/ul	99
93) Benzo(a)pyrene	23.939	252	4866753	40.658 ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.757	276	5418887	40.783 ng/ul	99
95) Dibenzo(a,h)anthracene	26.780	278	4501937	41.051 ng/ul	99
96) Benzo(g,h,i)perylene	27.598	276	4248751	40.577 ng/ul	99

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