Quantitation Report (Qedit)

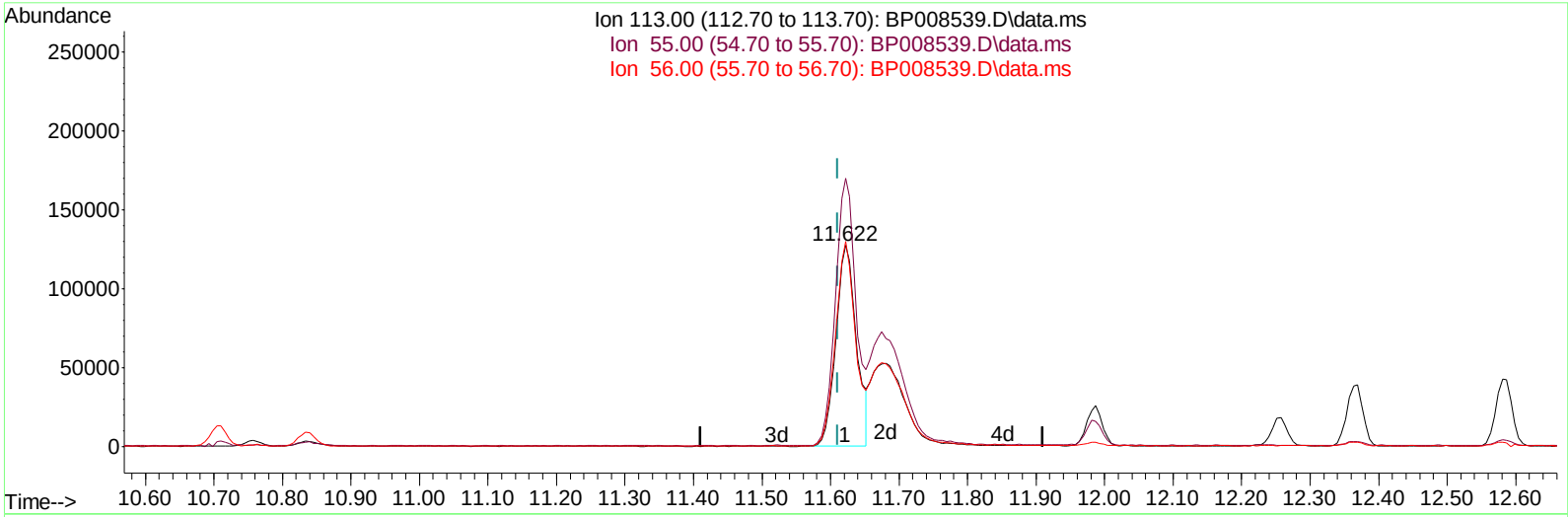
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122321\
Data File : BP008539.D
Acq On : 23 Dec 2021 23:20
Operator : CG/JU
Sample : PB141514BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

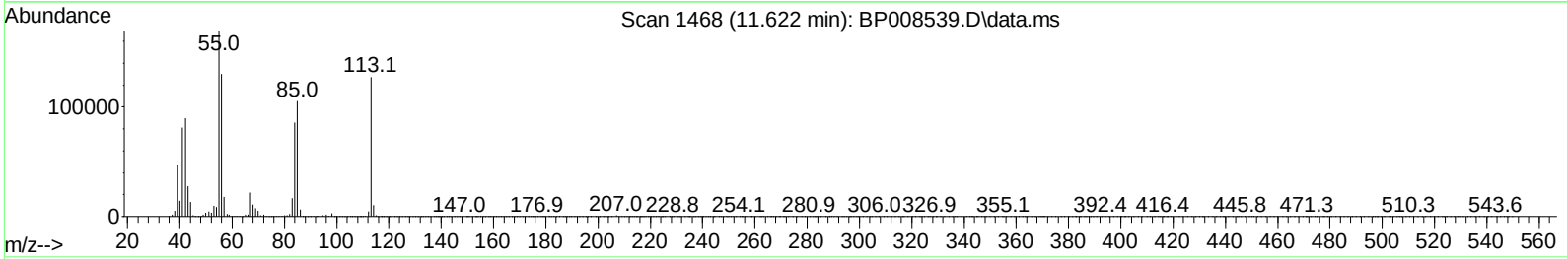
Quant Time: Jan 01 00:19:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 23 14:48:11 2021
Response via : Initial Calibration

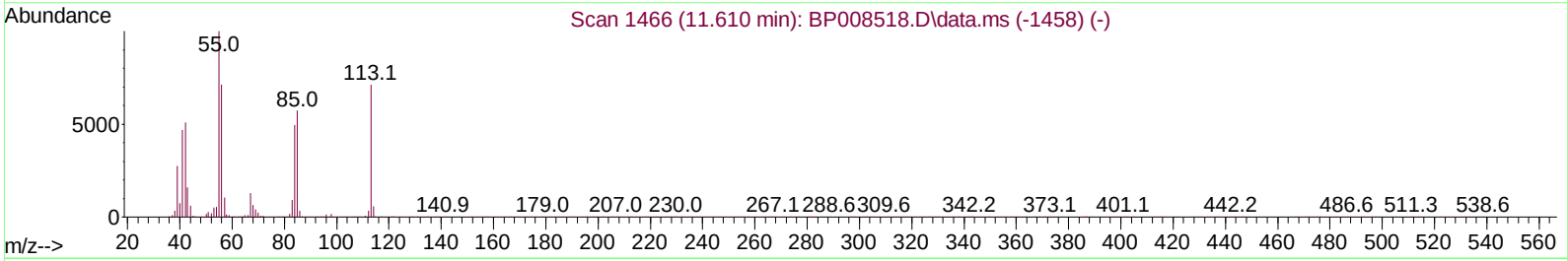
Instrument :
BNA_P
ClientSampleId :
SLCS514

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021







TIC: BP008539.D\data.ms

(34) Caprolactam

11.622min (+ 0.012) 23.77 ng/ul

response 264778

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	139.10	133.33
56.00	105.80	102.11
0.00	0.00	0.00

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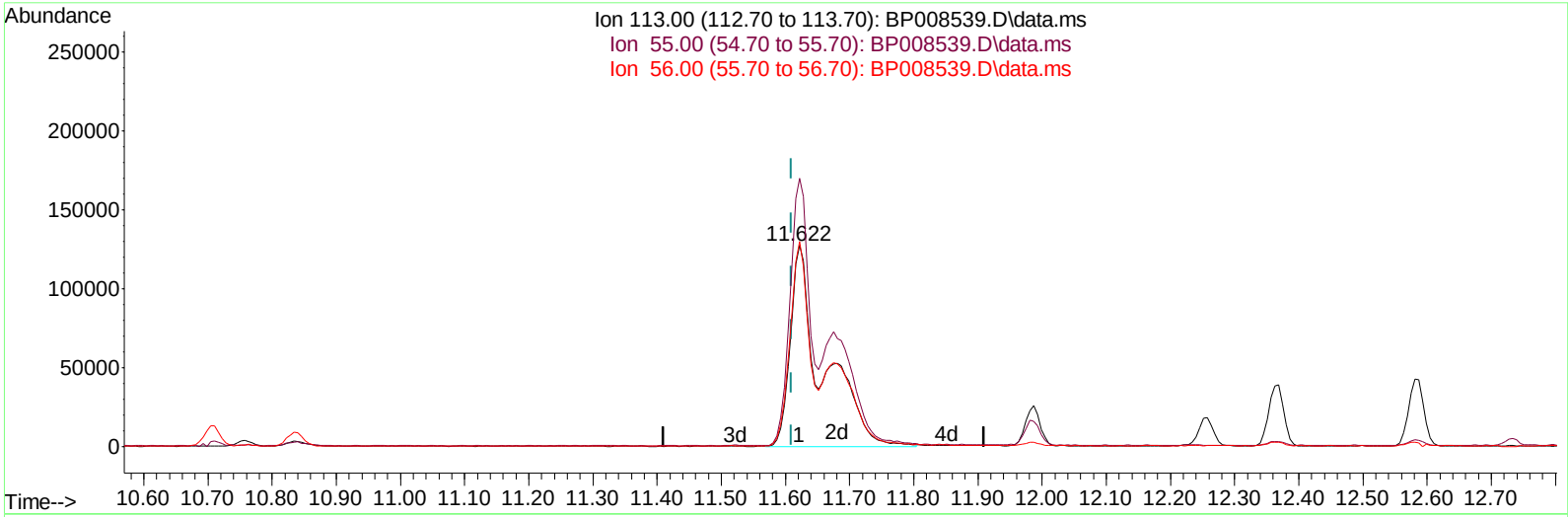

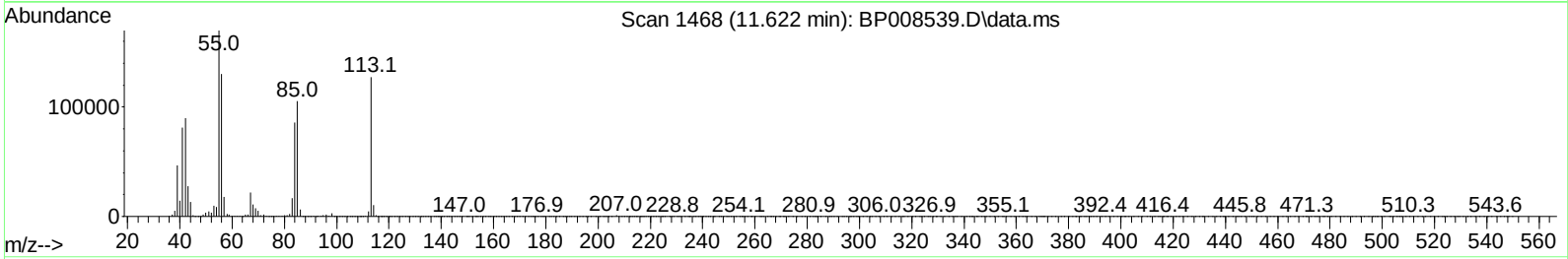

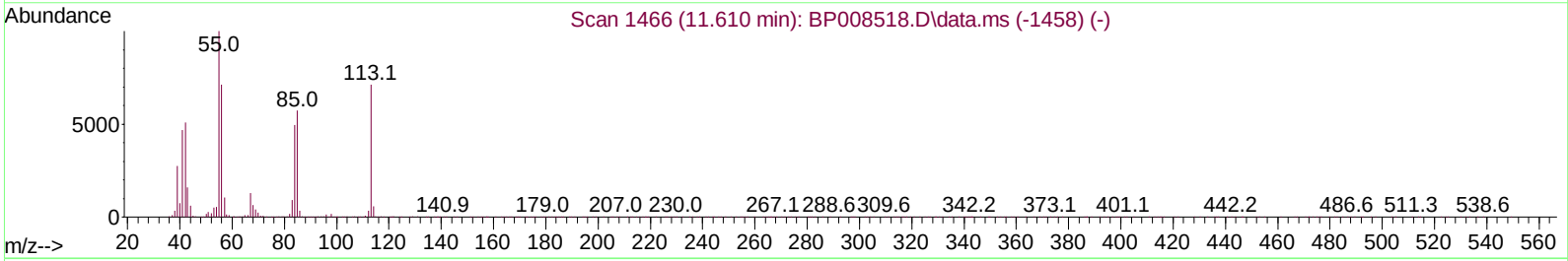

TIC: BP008539.D\data.ms

(34) Caprolactam

11.622min (+ 0.012) 40.28 ng/ul m

response 448630

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	139.10	133.33
56.00	105.80	102.11
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	568518	20.000	ng/ul	0.00
20) Naphthalene-d8	10.704	136	2447061	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.534	164	1706561	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.286	188	3723282	20.000	ng/ul	0.00
79) Chrysene-d12	21.363	240	3751434	20.000	ng/ul	0.00
88) Perylene-d12	23.798	264	3788610	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	76149	6.037	ng/uL	0.00
4) Pyridine-d5	3.758	84	1041541	29.508	ng/ul	0.00
7) Phenol-d5	7.063	99	1557779	34.347	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	864113	33.545	ng/ul	0.00
11) 2-Chlorophenol-d4	7.434	132	1266227	35.096	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	1282376	35.246	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	629345	36.345	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	653646	41.170	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	1406575	36.091	ng/ul	0.00
31) 4-Chloroaniline-d4	10.834	131	1767029	32.846	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166	4441460	35.224	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	5376939	34.104	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	793975	39.724	ng/ul	0.00
60) Fluorene-d10	15.528	176	3777950	34.510	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	627094	38.261	ng/ul	0.00
73) Anthracene-d10	17.381	188	5999864	34.006	ng/ul	0.00
81) Pyrene-d10	19.610	212	7099011	31.581	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.639	264	6950394	35.645	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	151579	11.116	ng/uL	97
5) Pyridine	3.775	79	1050429	29.004	ng/ul	97
6) Benzaldehyde	7.040	77	840066	32.496	ng/ul	94
8) Phenol	7.093	94	1518265	32.580	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.322	93	1196335	32.076	ng/ul	97
12) 2-Chlorophenol	7.469	128	1235985	32.824	ng/ul	97
13) 2-Methylphenol	8.346	108	1189448	32.943	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.440	45	1371320	31.920	ng/ul	100
16) Acetophenone	8.722	105	1855644	32.970	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.722	70	943726	33.689	ng/ul	98
18) 4-Methylphenol	8.675	108	1294943	33.499	ng/ul	99
19) Hexachloroethane	8.993	117	482028	31.446	ng/ul	97
22) Nitrobenzene	9.104	77	1313956	32.887	ng/ul	97
23) Isophorone	9.634	82	2778861	33.165	ng/ul	99
25) 2-Nitrophenol	9.816	139	694302	37.999	ng/ul	98
26) 2,4-Dimethylphenol	9.881	107	1372571	31.787	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.116	93	1693530	32.336	ng/ul	99
29) 2,4-Dichlorophenol	10.352	162	1319409	33.751	ng/ul	98
30) Naphthalene	10.757	128	4068424	31.409	ng/ul	99
32) 4-Chloroaniline	10.863	127	1693164	31.037	ng/ul	99
33) Hexachlorobutadiene	11.057	225	859503	31.710	ng/ul	99
34) Caprolactam	11.622	113	448630m	40.278	ng/ul	
35) 4-Chloro-3-methylphenol	11.987	107	1350697	35.242	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.363	142	2978926	32.501	ng/ul	99
37) 1-Methylnaphthalene	12.581	142	3056645	32.758	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.734	216	1724575	31.308	ng/ul	99
40) Hexachlorocyclopentadiene	12.722	237	1011967	27.451	ng/ul	100
41) 2,4,6-Trichlorophenol	12.969	196	1111466	35.534	ng/ul	99
42) 2,4,5-Trichlorophenol	13.040	196	1227210	36.053	ng/ul	100
43) 1,1'-Biphenyl	13.375	154	4123657	31.171	ng/ul	99
44) 2-Chloronaphthalene	13.410	162	3186380	31.240	ng/ul	99
45) 2-Nitroaniline	13.604	65	775192	37.813	ng/ul	97
47) Dimethylphthalate	13.992	163	4200861	33.394	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	867489	38.794	ng/ul	94
50) Acenaphthylene	14.257	152	5127250	31.783	ng/ul	99
51) 3-Nitroaniline	14.428	138	821232	35.638	ng/ul#	98
52) Acenaphthene	14.598	153	3349579	31.797	ng/ul	100
53) 2,4-Dinitrophenol	14.634	184	364857	38.655	ng/ul	90
55) 4-Nitrophenol	14.734	109	508640	36.602	ng/ul	99
56) Dibenzofuran	14.934	168	4926935	31.985	ng/ul	100
57) 2,4-Dinitrotoluene	14.892	165	1248563	40.355	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.157	232	1010663	38.223	ng/ul	99
59) Diethylphthalate	15.363	149	4204075	34.214	ng/ul	99
61) Fluorene	15.581	166	3997358	32.572	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.581	204	2128172	32.693	ng/ul	98
63) 4-Nitroaniline	15.592	138	853762	40.423	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.657	198	625605	36.074	ng/ul	96
67) N-Nitrosodiphenylamine	15.792	169	3592095	31.548	ng/ul	100
68) 4-Bromophenyl-phenylether	16.475	248	1374515	32.188	ng/ul	98
69) Hexachlorobenzene	16.592	284	1599652	32.175	ng/ul	99
70) Atrazine	16.745	200	1452372	33.615	ng/ul	100
71) Pentachlorophenol	16.933	266	907741	35.721	ng/ul	97
72) Phenanthrene	17.328	178	6635495	32.358	ng/ul	99
74) Anthracene	17.416	178	6587049	32.034	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.334	216	1756032	27.803	ng/uL	99
76) Pentachlorobenzene	14.857	250	1754335	30.257	ng/uL	98
77) Carbazole	17.681	167	6081586	34.707	ng/ul	100
78) Di-n-butylphthalate	18.245	149	7403839	36.188	ng/ul	99
80) Fluoranthene	19.286	202	8059822	30.156	ng/ul	100
82) Pyrene	19.639	202	8045636	29.874	ng/ul	99
83) Butylbenzylphthalate	20.516	149	3367744	36.894	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.280	252	2798556	35.221	ng/ul	99
85) Benzo(a)anthracene	21.351	228	7970866	32.912	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.286	149	5154987	37.207	ng/ul#	97
87) Chrysene	21.404	228	7608115	32.536	ng/ul	98
89) Di-n-octyl phthalate	22.227	149	8633926	35.787	ng/ul	100
90) Benzo(b)fluoranthene	23.057	252	8451953	33.666	ng/ul	99
91) Benzo(k)fluoranthene	23.104	252	7816342	32.259	ng/ul	99
93) Benzo(a)pyrene	23.692	252	7928171	32.991	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.339	276	8575028	32.358	ng/ul	99
95) Dibenzo(a,h)anthracene	26.357	278	7406004	32.207	ng/ul	100
96) Benzo(g,h,i)perylene	27.109	276	6890472	31.459	ng/ul	99

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

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