Quantitation Report (Qedit)

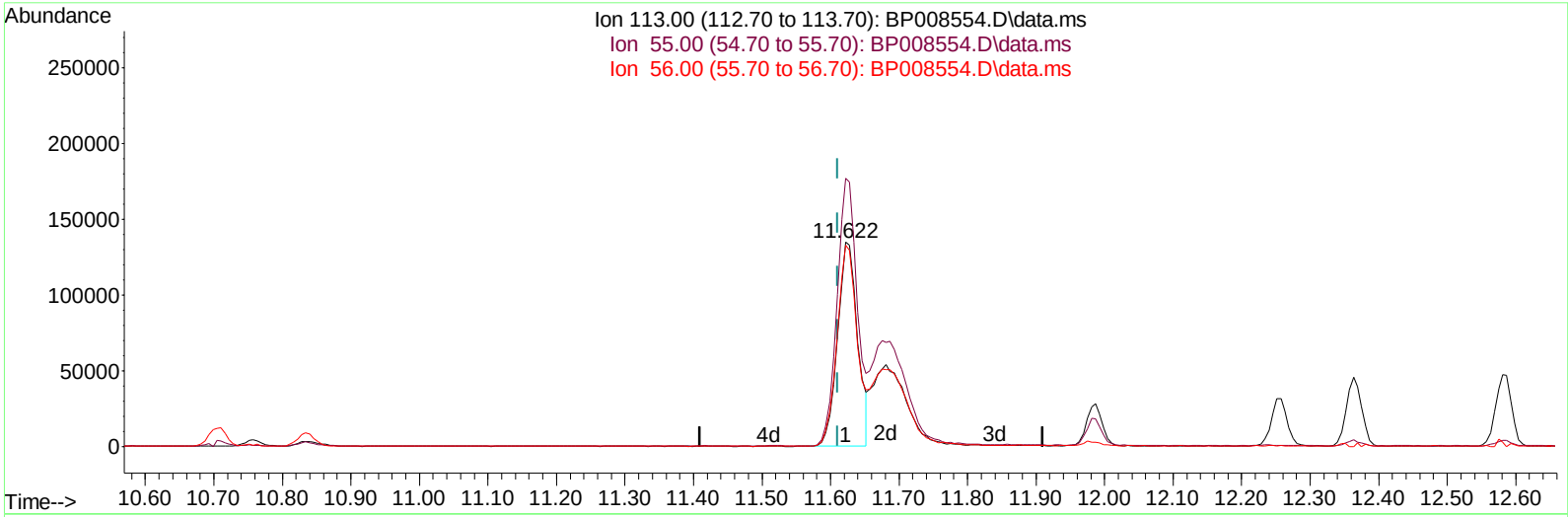
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008554.D
Acq On : 27 Dec 2021 14:14
Operator : CG/JU
Sample : PB141660BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

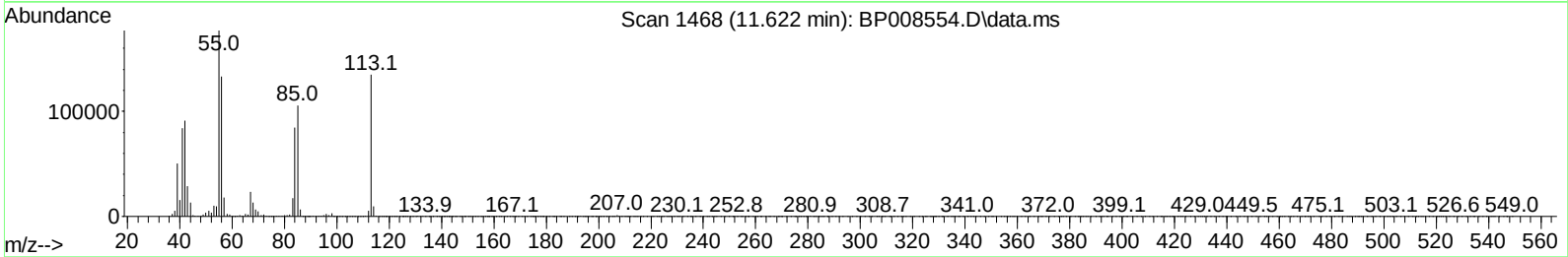
Quant Time: Dec 28 01:28:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 23 14:48:11 2021
Response via : Initial Calibration

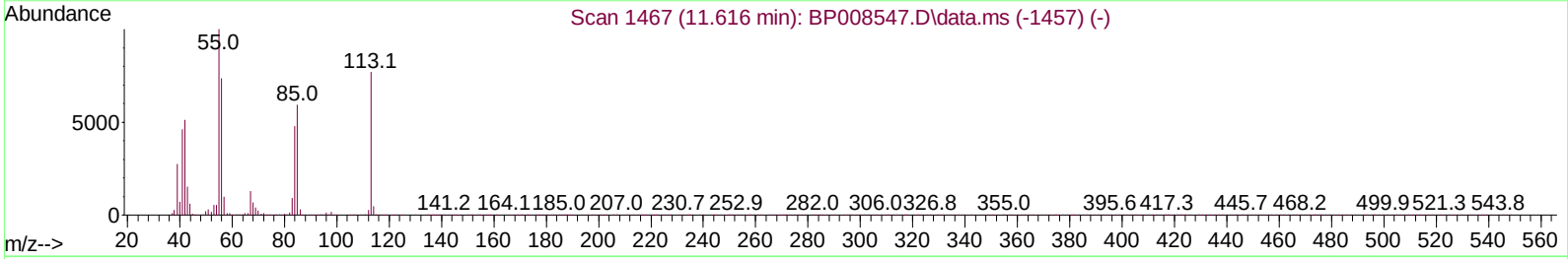
Instrument :
BNA_P
ClientSampleId :
SLCS660

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021







TIC: BP008554.D\data.ms

(34) Caprolactam

11.622min (+ 0.012) 24.45 ng/ul

response 273583

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	139.10	131.12
56.00	105.80	98.58
0.00	0.00	0.00

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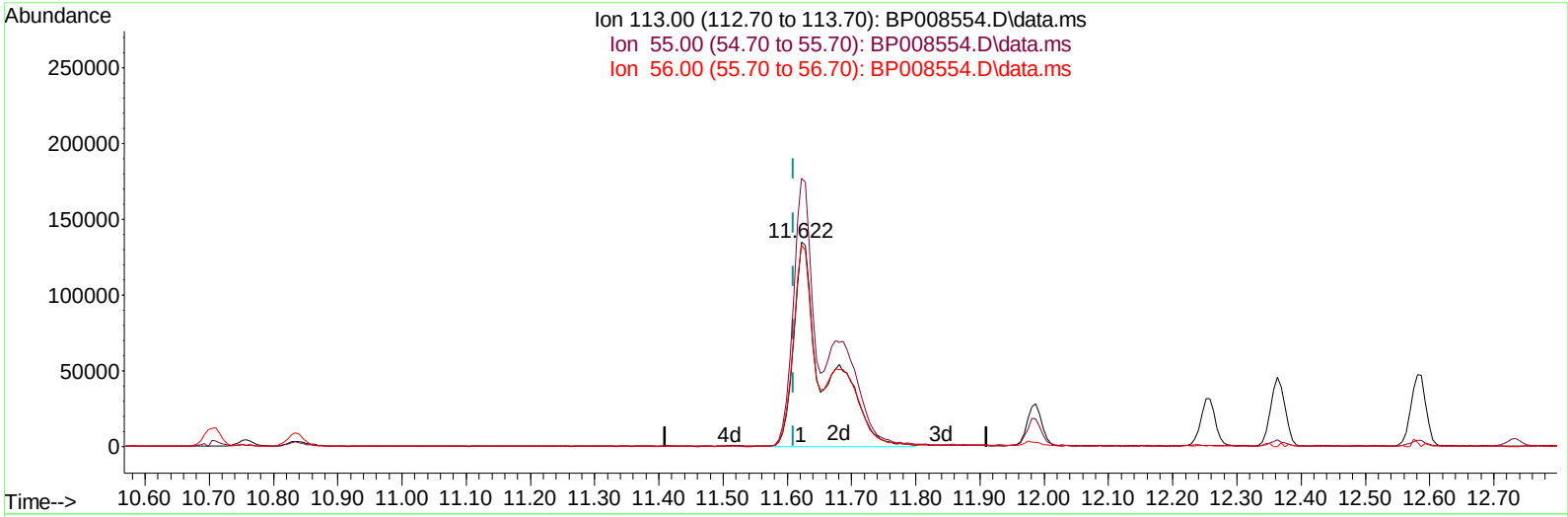

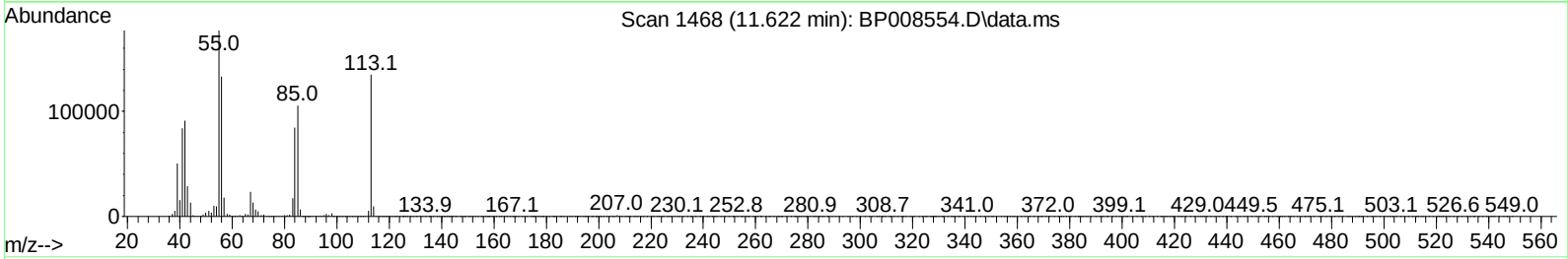

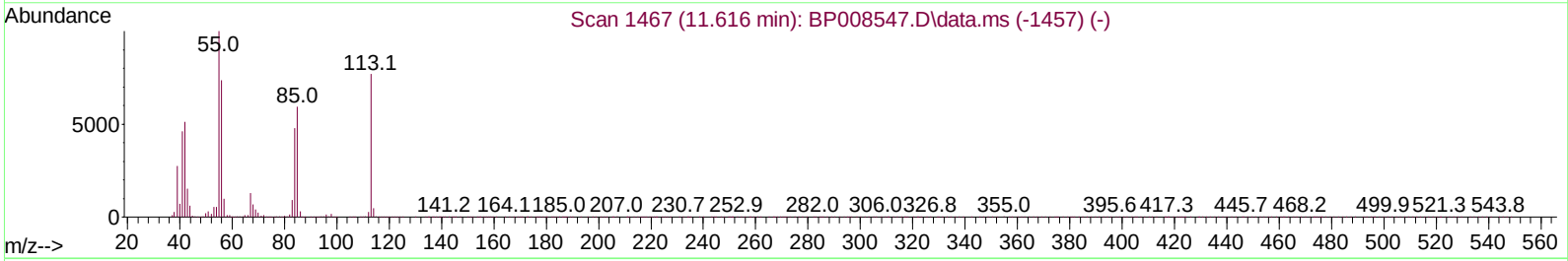

TIC: BP008554.D\data.ms

(34) Caprolactam

11.622min (+ 0.012) 41.27 ng/ul m

response 461749

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	139.10	131.12
56.00	105.80	98.58
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	574171	20.000	ng/ul	0.00
20) Naphthalene-d8	10.704	136	2458249	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.534	164	1682680	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.281	188	3583740	20.000	ng/ul	0.00
79) Chrysene-d12	21.363	240	3209918	20.000	ng/ul	0.00
88) Perylene-d12	23.792	264	2613710	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	86288	6.774	ng/uL	0.00
4) Pyridine-d5	3.758	84	1166626	32.726	ng/ul	0.00
7) Phenol-d5	7.064	99	1675209	36.573	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	942941	36.244	ng/ul	0.00
11) 2-Chlorophenol-d4	7.434	132	1358354	37.279	ng/ul	0.00
15) 4-Methylphenol-d8	8.611	113	1370457	37.296	ng/ul	0.00
21) Nitrobenzene-d5	9.058	128	673377	38.711	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	654292	41.023	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	1492456	38.120	ng/ul	0.00
31) 4-Chloroaniline-d4	10.834	131	1808355	33.461	ng/ul	0.00
46) Dimethylphthalate-d6	13.946	166	4664760	37.520	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	5746936	36.968	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	788876	40.029	ng/ul	0.00
60) Fluorene-d10	15.528	176	4056397	37.579	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	610599	38.705	ng/ul	0.00
73) Anthracene-d10	17.381	188	6296272	37.075	ng/ul	0.00
81) Pyrene-d10	19.610	212	7130009	37.069	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.639	264	5263962	39.131	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	171904	12.482	ng/uL	99
5) Pyridine	3.775	79	1188598	32.496	ng/ul	98
6) Benzaldehyde	7.034	77	921775	35.306	ng/ul	98
8) Phenol	7.087	94	1682625	35.751	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.322	93	1337337	35.504	ng/ul	98
12) 2-Chlorophenol	7.469	128	1367635	35.962	ng/ul	97
13) 2-Methylphenol	8.346	108	1310538	35.939	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.440	45	1530057	35.264	ng/ul	100
16) Acetophenone	8.722	105	2057360	36.194	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.716	70	1025191	36.236	ng/ul	99
18) 4-Methylphenol	8.675	108	1429189	36.608	ng/ul	98
19) Hexachloroethane	8.993	117	544028	35.141	ng/ul	97
22) Nitrobenzene	9.099	77	1435692	35.770	ng/ul	96
23) Isophorone	9.634	82	3008074	35.737	ng/ul	98
25) 2-Nitrophenol	9.816	139	729066	39.720	ng/ul	98
26) 2,4-Dimethylphenol	9.881	107	1533451	35.351	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.116	93	1874279	35.624	ng/ul	99
29) 2,4-Dichlorophenol	10.352	162	1445486	36.808	ng/ul	98
30) Naphthalene	10.757	128	4521105	34.745	ng/ul	99
32) 4-Chloroaniline	10.857	127	1758667	32.091	ng/ul	99
33) Hexachlorobutadiene	11.057	225	969306	35.598	ng/ul	99
34) Caprolactam	11.622	113	461749m	41.267	ng/ul	
35) 4-Chloro-3-methylphenol	11.987	107	1452112	37.716	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.363	142	3303604	35.880	ng/ul	97
37) 1-Methylnaphthalene	12.581	142	3410330	36.382	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.734	216	1921586	35.380	ng/ul	98
40) Hexachlorocyclopentadiene	12.722	237	1153341	31.730	ng/ul	98
41) 2,4,6-Trichlorophenol	12.969	196	1186906	38.484	ng/ul	99
42) 2,4,5-Trichlorophenol	13.040	196	1315421	39.193	ng/ul	100
43) 1,1'-Biphenyl	13.369	154	4567746	35.018	ng/ul	100
44) 2-Chloronaphthalene	13.410	162	3527632	35.076	ng/ul	99
45) 2-Nitroaniline	13.604	65	815408	40.339	ng/ul	96
47) Dimethylphthalate	13.993	163	4555151	36.724	ng/ul	100
48) 2,6-Dinitrotoluene	14.104	165	921609	41.799	ng/ul	92
50) Acenaphthylene	14.257	152	5614641	35.298	ng/ul	100
51) 3-Nitroaniline	14.428	138	829850	36.523	ng/ul#	98
52) Acenaphthene	14.598	153	3686214	35.490	ng/ul	99
53) 2,4-Dinitrophenol	14.634	184	363067	39.012	ng/ul	87
55) 4-Nitrophenol	14.734	109	519596	37.921	ng/ul	100
56) Dibenzofuran	14.934	168	5424060	35.713	ng/ul	100
57) 2,4-Dinitrotoluene	14.887	165	1320253	43.277	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.157	232	1059663	40.645	ng/ul	97
59) Diethylphthalate	15.363	149	4523439	37.336	ng/ul	98
61) Fluorene	15.581	166	4354533	35.986	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.581	204	2341084	36.474	ng/ul	97
63) 4-Nitroaniline	15.592	138	873597	41.949	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.657	198	627227	37.576	ng/ul	96
67) N-Nitrosodiphenylamine	15.792	169	3885848	35.456	ng/ul	100
68) 4-Bromophenyl-phenylether	16.475	248	1462359	35.579	ng/ul	96
69) Hexachlorobenzene	16.592	284	1743595	36.436	ng/ul	98
70) Atrazine	16.745	200	1504830	36.185	ng/ul	99
71) Pentachlorophenol	16.934	266	912659	37.313	ng/ul	99
72) Phenanthrene	17.328	178	7114757	36.046	ng/ul	99
74) Anthracene	17.416	178	7068528	35.714	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.334	216	1959910	32.239	ng/uL	100
76) Pentachlorobenzene	14.857	250	1935909	34.689	ng/uL	98
77) Carbazole	17.681	167	6325934	37.508	ng/ul	100
78) Di-n-butylphthalate	18.245	149	7700813	39.105	ng/ul	99
80) Fluoranthene	19.286	202	8349264	36.509	ng/ul	99
82) Pyrene	19.639	202	8352783	36.247	ng/ul	98
83) Butylbenzylphthalate	20.516	149	3200440	40.977	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.280	252	2418501	35.573	ng/ul	99
85) Benzo(a)anthracene	21.351	228	7610738	36.727	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	4870270	41.082	ng/ul#	97
87) Chrysene	21.404	228	7255599	36.263	ng/ul	99
89) Di-n-octyl phthalate	22.222	149	7393350	44.421	ng/ul	100
90) Benzo(b)fluoranthene	23.057	252	6915033	39.926	ng/ul	99
91) Benzo(k)fluoranthene	23.104	252	6326016	37.845	ng/ul	99
93) Benzo(a)pyrene	23.692	252	6250664	37.703	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.333	276	6293102	34.422	ng/ul	98
95) Dibenzo(a,h)anthracene	26.345	278	5478274	34.533	ng/ul	100
96) Benzo(g,h,i)perylene	27.104	276	5163493	34.172	ng/ul	99

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

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