Quantitation Report (Qedit)

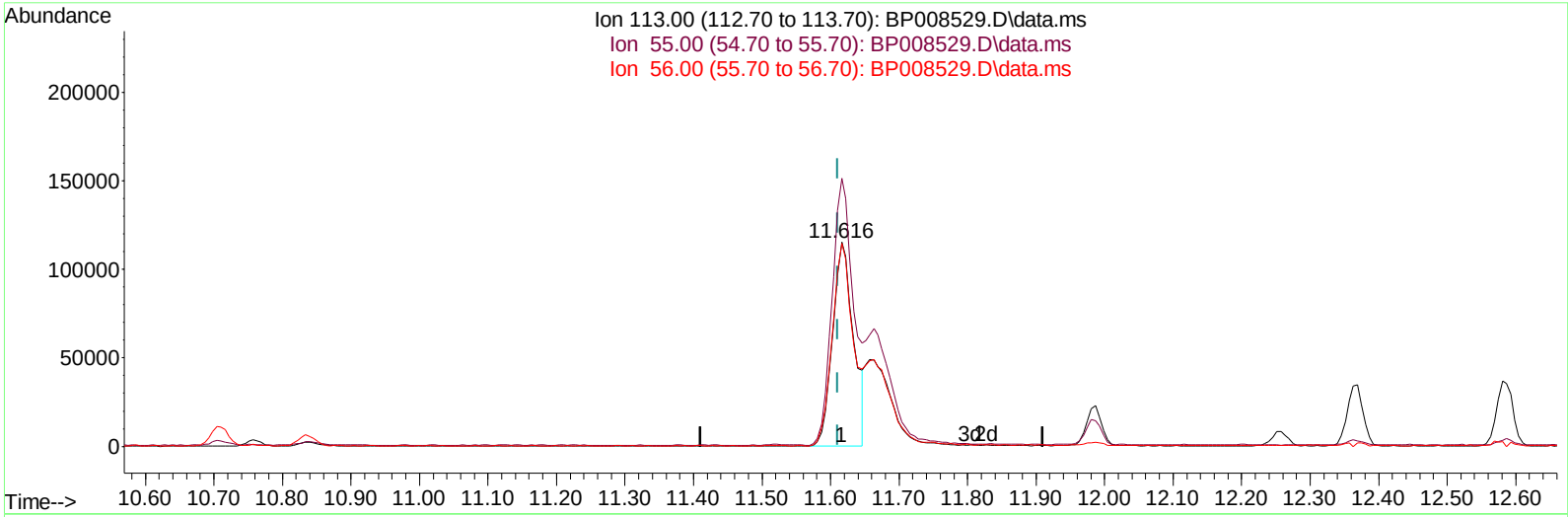
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122321\
Data File : BP008529.D
Acq On : 23 Dec 2021 17:42
Operator : CG/JU
Sample : PB141621BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

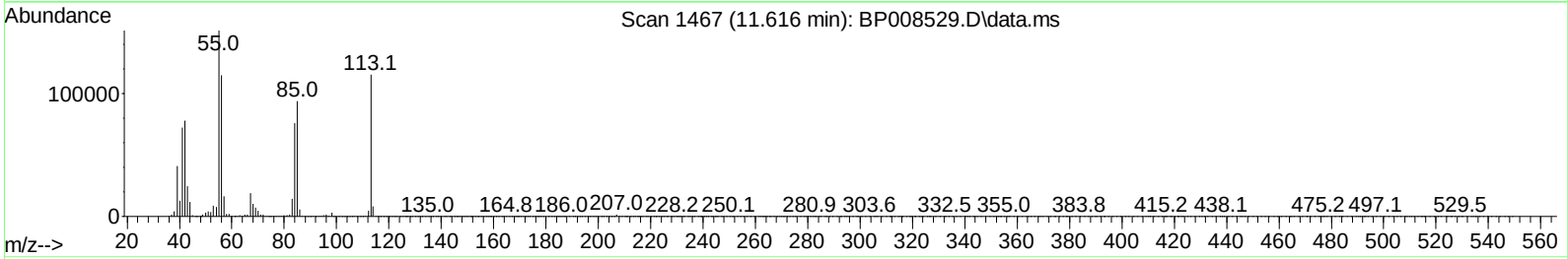
Quant Time: Jan 01 05:04:17 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 23 14:48:11 2021
Response via : Initial Calibration

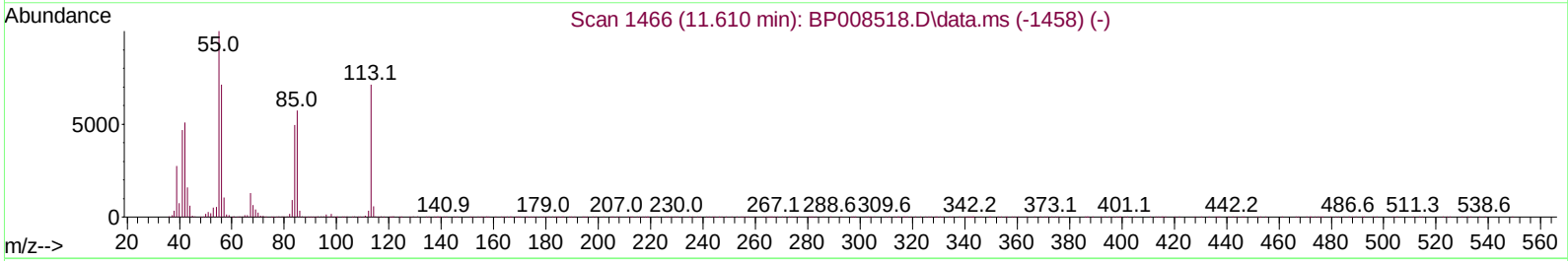
Instrument :
BNA_P
ClientSampleId :
SLCS621

Manual IntegrationsAPPROVED

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







TIC: BP008529.D\data.ms

(34) Caprolactam

11.616min (+ 0.006) 24.12 ng/ul

response 242569

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	139.10	131.18
56.00	105.80	99.42
0.00	0.00	0.00

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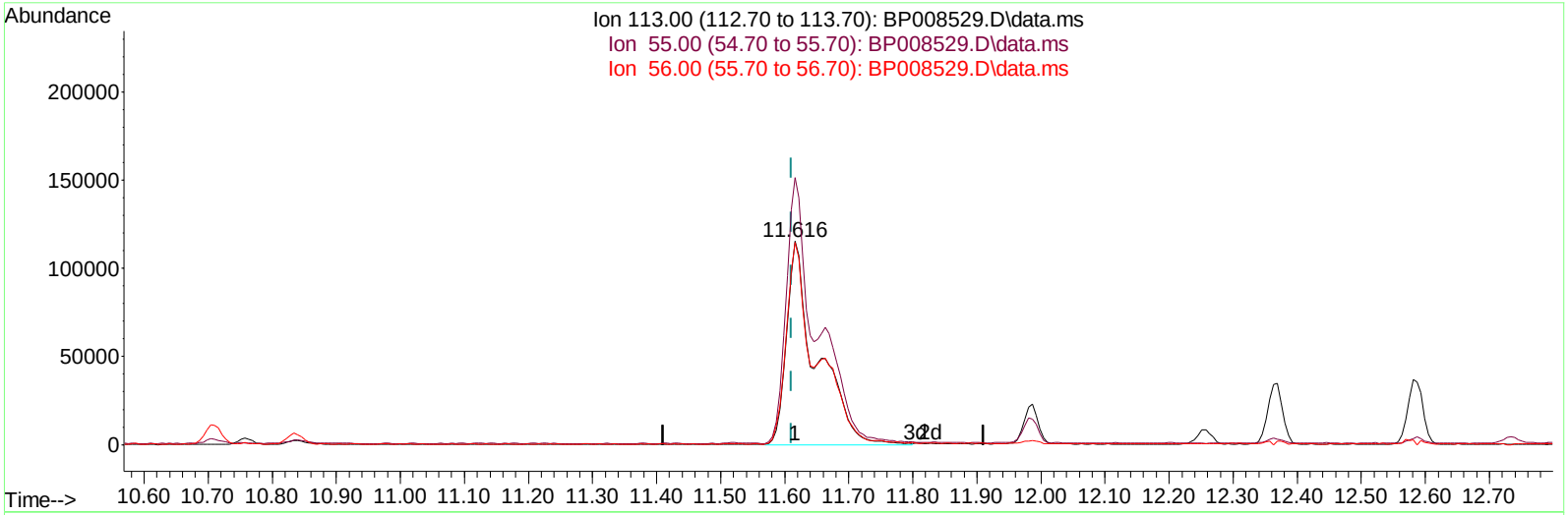

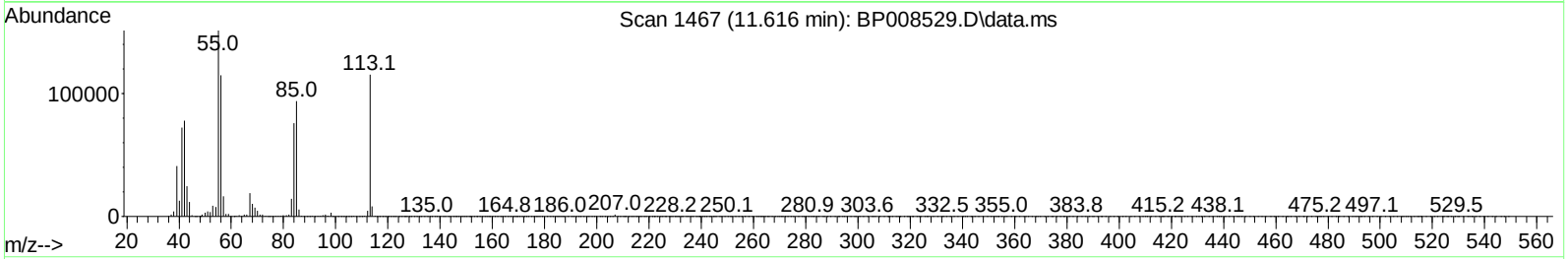

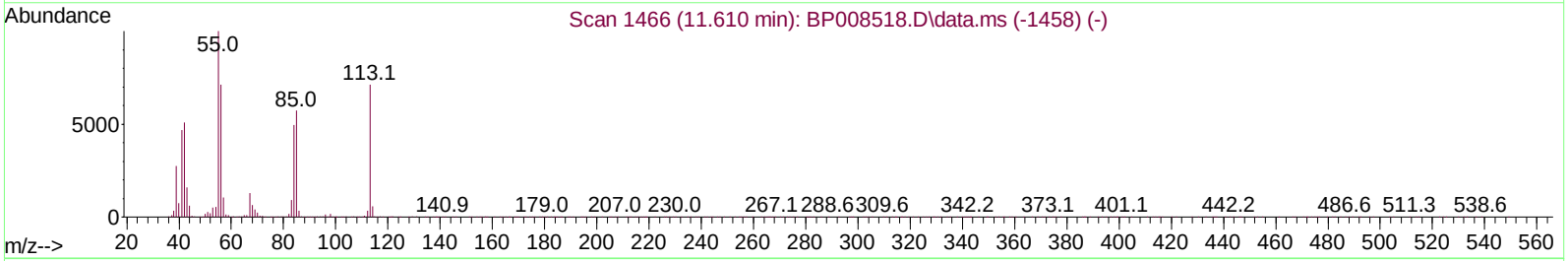

TIC: BP008529.D\data.ms

(34) Caprolactam

11.616min (+ 0.006) 37.41 ng/ul m

response 376221

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	139.10	131.18
56.00	105.80	99.42
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	7.904	152	533362	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	2209334	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.534	164	1478213	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.280	188	2966525	20.000	ng/ul	0.00
79) Chrysene-d12	21.363	240	2081272	20.000	ng/ul	0.00
88) Perylene-d12	23.792	264	1970984	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	73588	6.219	ng/uL	0.00
4) Pyridine-d5	3.758	84	850455	25.682	ng/ul	0.00
7) Phenol-d5	7.063	99	1411144	33.165	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	756159	31.289	ng/ul	0.00
11) 2-Chlorophenol-d4	7.434	132	1150729	33.997	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	1147272	33.612	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	555620	35.540	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	569789	39.750	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	1248905	35.493	ng/ul	0.00
31) 4-Chloroaniline-d4	10.834	131	1228163	25.286	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166	3735957	34.206	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	4630862	33.909	ng/ul	0.00
54) 4-Nitrophenol-d4	14.716	143	620062	35.815	ng/ul	0.00
60) Fluorene-d10	15.528	176	3205693	33.806	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	442623	33.895	ng/ul	0.00
73) Anthracene-d10	17.380	188	4786589	34.050	ng/ul	0.00
81) Pyrene-d10	19.610	212	4884713	39.168	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.639	264	3563458	35.128	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	144048	11.260	ng/uL	99
5) Pyridine	3.775	79	981580	28.889	ng/ul	95
6) Benzaldehyde	7.040	77	808192	33.324	ng/ul	95
8) Phenol	7.093	94	1394689	31.901	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.328	93	1074099	30.697	ng/ul	98
12) 2-Chlorophenol	7.469	128	1147113	32.472	ng/ul	96
13) 2-Methylphenol	8.346	108	1082198	31.948	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.440	45	1194296	29.632	ng/ul	99
16) Acetophenone	8.728	105	1666148	31.555	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.716	70	837737	31.876	ng/ul	98
18) 4-Methylphenol	8.675	108	1171751	32.310	ng/ul	100
19) Hexachloroethane	8.993	117	442745	30.787	ng/ul	98
22) Nitrobenzene	9.104	77	1163276	32.248	ng/ul	97
23) Isophorone	9.634	82	2448854	32.371	ng/ul	99
25) 2-Nitrophenol	9.816	139	611529	37.070	ng/ul	98
26) 2,4-Dimethylphenol	9.881	107	1237331	31.738	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.116	93	1481409	31.330	ng/ul	99
29) 2,4-Dichlorophenol	10.351	162	1178883	33.401	ng/ul	99
30) Naphthalene	10.757	128	3645608	31.174	ng/ul	99
32) 4-Chloroaniline	10.863	127	1533579	31.137	ng/ul	98
33) Hexachlorobutadiene	11.057	225	775289	31.681	ng/ul	99
34) Caprolactam	11.616	113	376221m	37.411	ng/ul	
35) 4-Chloro-3-methylphenol	11.987	107	1192987	34.477	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.369	142	2640009	31.903	ng/ul	98
37) 1-Methylnaphthalene	12.587	142	2697948	32.025	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.734	216	1528430	32.034	ng/ul	99
40) Hexachlorocyclopentadiene	12.722	237	900258	28.193	ng/ul	100
41) 2,4,6-Trichlorophenol	12.969	196	971820	35.869	ng/ul	98
42) 2,4,5-Trichlorophenol	13.040	196	1067521	36.206	ng/ul	100
43) 1,1'-Biphenyl	13.375	154	3614576	31.544	ng/ul	100
44) 2-Chloronaphthalene	13.410	162	2811125	31.818	ng/ul	99
45) 2-Nitroaniline	13.604	65	649008	36.548	ng/ul	95
47) Dimethylphthalate	13.992	163	3586004	32.910	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	728480	37.610	ng/ul	92
50) Acenaphthylene	14.257	152	4502413	32.221	ng/ul	100
51) 3-Nitroaniline	14.428	138	723813	36.263	ng/ul#	99
52) Acenaphthene	14.598	153	2903133	31.817	ng/ul	100
53) 2,4-Dinitrophenol	14.634	184	264212	32.317	ng/ul	90
55) 4-Nitrophenol	14.734	109	398624	33.116	ng/ul	97
56) Dibenzofuran	14.934	168	4248718	31.843	ng/ul	99
57) 2,4-Dinitrotoluene	14.886	165	1018743	38.013	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.157	232	848715	37.056	ng/ul	97
59) Diethylphthalate	15.363	149	3506449	32.945	ng/ul	99
61) Fluorene	15.586	166	3432242	32.288	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.581	204	1837616	32.590	ng/ul	98
63) 4-Nitroaniline	15.592	138	724434	39.598	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.651	198	457171	33.087	ng/ul	98
67) N-Nitrosodiphenylamine	15.792	169	3049650	33.616	ng/ul	99
68) 4-Bromophenyl-phenylether	16.475	248	1163643	34.202	ng/ul	97
69) Hexachlorobenzene	16.592	284	1341381	33.863	ng/ul	97
70) Atrazine	16.745	200	1047541	30.430	ng/ul	99
71) Pentachlorophenol	16.933	266	684675	33.816	ng/ul	97
72) Phenanthrene	17.328	178	5384162	32.953	ng/ul	100
74) Anthracene	17.416	178	5300578	32.353	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.340	216	1563741	31.074	ng/uL	98
76) Pentachlorobenzene	14.857	250	1525996	33.033	ng/uL	98
77) Carbazole	17.680	167	4672814	33.470	ng/ul	100
78) Di-n-butylphthalate	18.245	149	5689570	34.903	ng/ul	100
80) Fluoranthene	19.286	202	5807649	39.167	ng/ul	99
82) Pyrene	19.639	202	5683500	38.038	ng/ul	97
83) Butylbenzylphthalate	20.516	149	2030503	40.095	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.280	252	1430432	32.449	ng/ul	99
85) Benzo(a)anthracene	21.351	228	4536381	33.762	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.286	149	2857642	37.177	ng/ul	99
87) Chrysene	21.398	228	4336835	33.430	ng/ul	99
89) Di-n-octyl phthalate	22.221	149	4393081	35.002	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	4224840	32.348	ng/ul	100
91) Benzo(k)fluoranthene	23.104	252	4125884	32.732	ng/ul	99
93) Benzo(a)pyrene	23.686	252	4176487	33.407	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.333	276	5164585	37.461	ng/ul	99
95) Dibenzo(a,h)anthracene	26.351	278	4424248	36.984	ng/ul	99
96) Benzo(g,h,i)perylene	27.103	276	4406093	38.668	ng/ul	99

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

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