Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122822\
Data File : BP013352.D
Acq On : 28 Dec 2022 15:12
Operator : CG/JU
Sample : N6187-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 29 00:18:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 28 00:16:35 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A43T5MS

Manual IntegrationsAPPROVED

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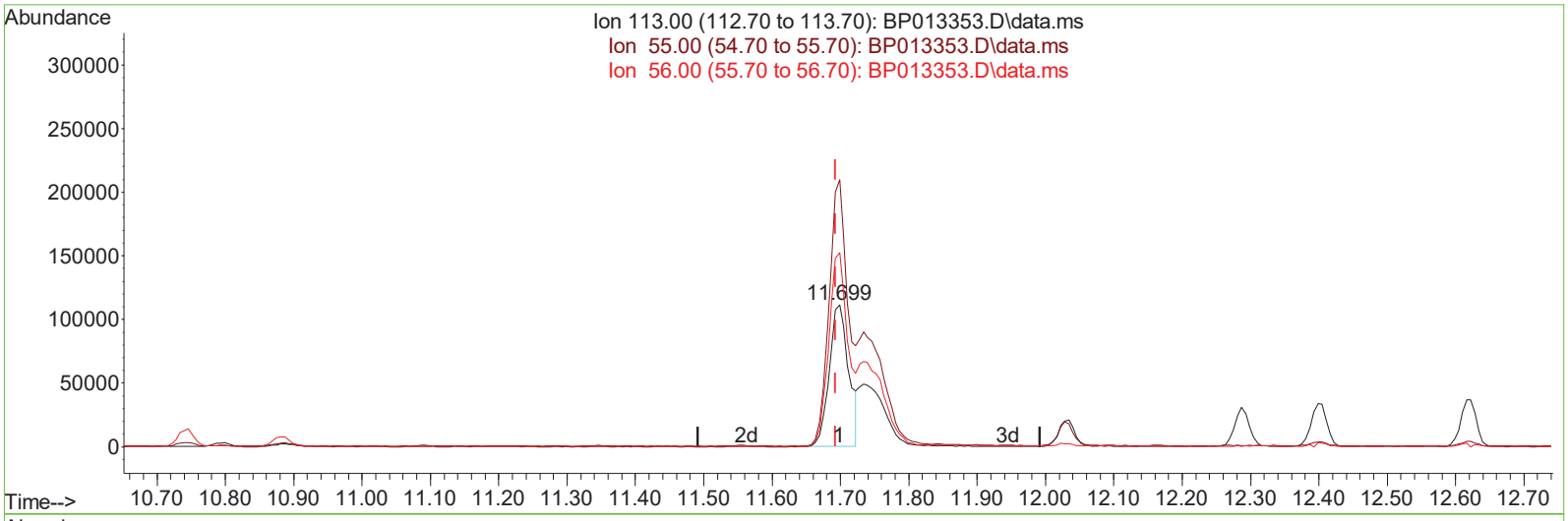
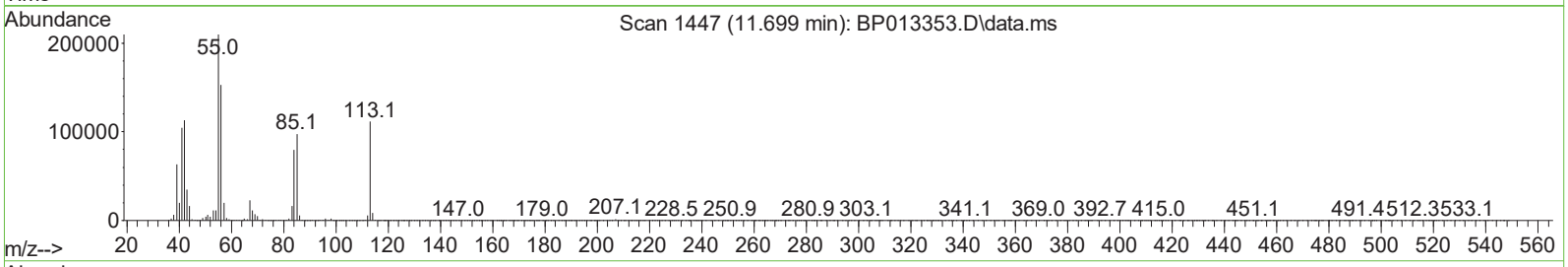
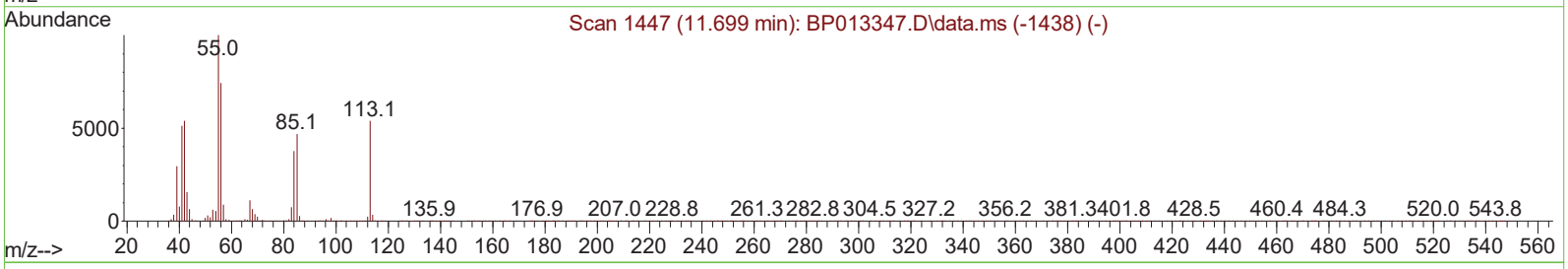
Supervised By :Sohil Jodhani 12/29/2022







TIC: BP013353.D\data.ms

(34) Caprolactam

11.699min (+ 0.006) 24.17 ng/ul

response 220947

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.40	188.02
56.00	124.50	136.94
0.00	0.00	0.00

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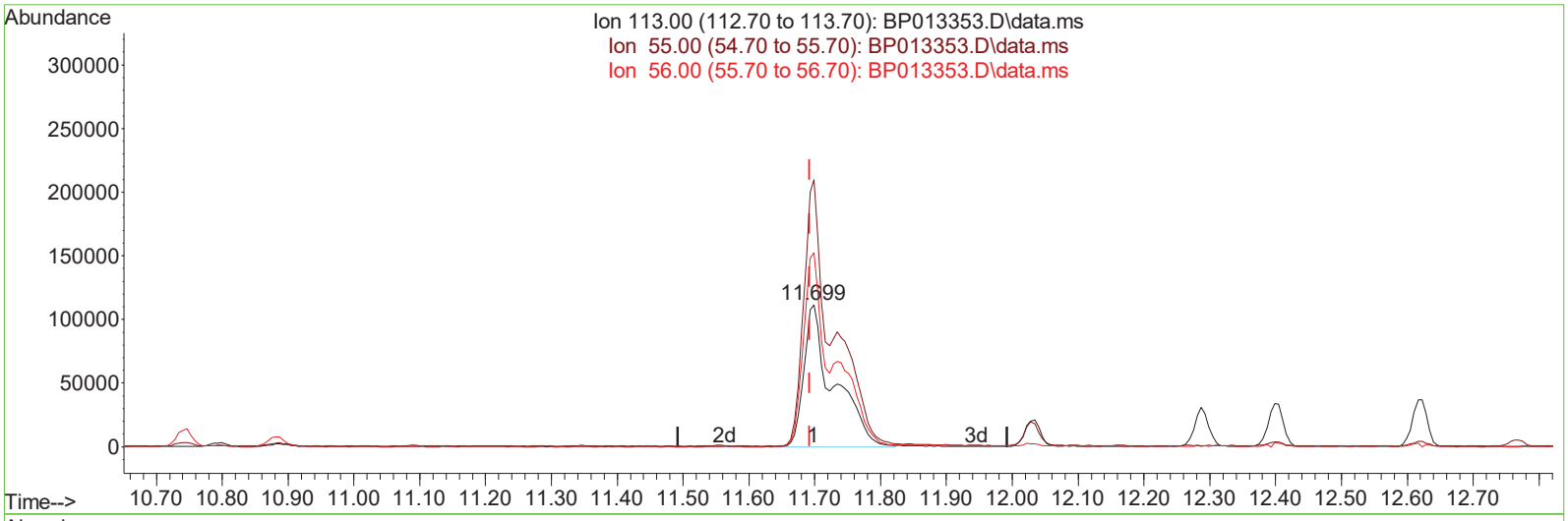

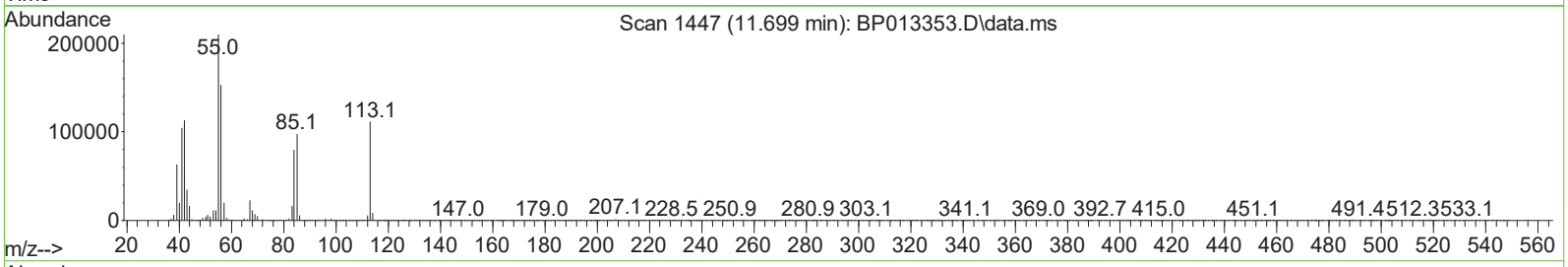

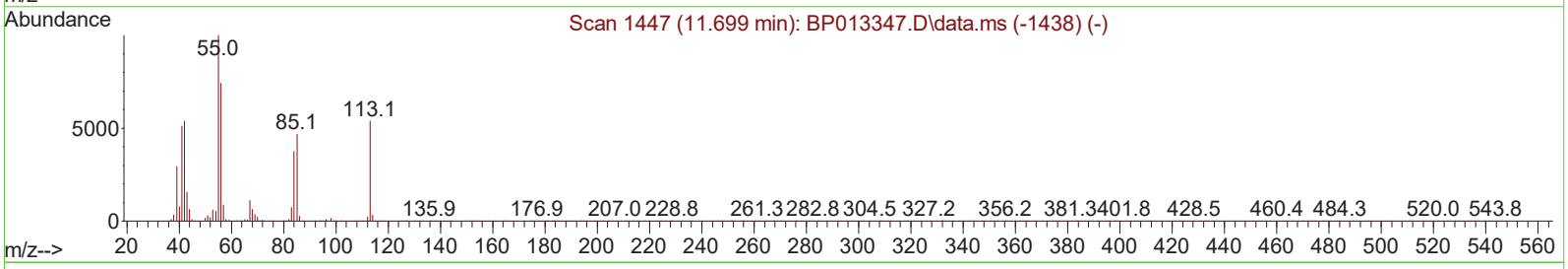

TIC: BP013353.D\data.ms

(34) Caprolactam

11.699min (+ 0.006) 38.48 ng/ul m

response 351722

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.40	188.02
56.00	124.50	136.94
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	7.928	152	376196	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	1703436	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.575	164	1184131	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.334	188	2780294	20.000	ng/ul	0.00
79) Chrysene-d12	21.422	240	2541349	20.000	ng/ul	0.00
88) Perylene-d12	23.886	264	2227893	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	49152	5.586	ng/uL	0.00
4) Pyridine-d5	3.746	84	694577	27.790	ng/ul	0.00
7) Phenol-d5	7.093	99	1051412	34.313	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.258	67	634058	34.302	ng/ul	0.00
11) 2-Chlorophenol-d4	7.458	132	804618	33.357	ng/ul	0.00
15) 4-Methylphenol-d8	8.646	113	878784	35.001	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	420018	33.560	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	494022	35.061	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	959420	35.056	ng/ul	0.00
31) 4-Chloroaniline-d4	10.881	131	1102622	28.538	ng/ul	0.00
46) Dimethylphthalate-d6	13.981	166	3029655	33.291	ng/ul	0.00
49) Acenaphthylene-d8	14.269	160	3325812	33.258	ng/ul	0.00
54) 4-Nitrophenol-d4	14.781	143	517407	31.607	ng/ul	0.00
60) Fluorene-d10	15.569	176	2579123	33.499	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.693	200	536297	29.974	ng/ul	0.00
73) Anthracene-d10	17.434	188	4187763	33.387	ng/ul	0.00
81) Pyrene-d10	19.669	212	5075082	34.791	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.727	264	3741095	33.689	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	122727	13.362	ng/uL#	91
5) Pyridine	3.770	79	887080	35.711	ng/ul	97
6) Benzaldehyde	7.069	77	683096	56.932	ng/ul	99
8) Phenol	7.122	94	1259121	40.641	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.352	93	969352	38.120	ng/ul	95
12) 2-Chlorophenol	7.493	128	951279	38.457	ng/ul	96
13) 2-Methylphenol	8.375	108	960602	39.770	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.464	45	1492577	42.775	ng/ul	98
16) Acetophenone	8.764	105	1562685	40.592	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.746	70	827142	42.727	ng/ul	93
18) 4-Methylphenol	8.711	108	1072055	40.071	ng/ul	99
19) Hexachloroethane	9.011	117	371764	37.609	ng/ul	97
22) Nitrobenzene	9.140	77	1166777	39.728	ng/ul	96
23) Isophorone	9.669	82	2355792	39.670	ng/ul	98
25) 2-Nitrophenol	9.858	139	597092	39.110	ng/ul	95
26) 2,4-Dimethylphenol	9.916	107	1165862	39.139	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.152	93	1422586	37.465	ng/ul	99
29) 2,4-Dichlorophenol	10.393	162	1067451	39.817	ng/ul	99
30) Naphthalene	10.793	128	3264648	36.645	ng/ul	100
32) 4-Chloroaniline	10.905	127	1289431	33.725	ng/ul	99
33) Hexachlorobutadiene	11.075	225	710643	38.607	ng/ul	98
34) Caprolactam	11.699	113	351722m	38.477	ng/ul	
35) 4-Chloro-3-methylphenol	12.028	107	1155729	42.243	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.399	142	2338301	38.259	ng/ul	100
37)	1-Methylnaphthalene	12.622	142	2340899	37.244	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.769	216	1463192	38.375	ng/ul	100
40)	Hexachlorocyclopentadiene	12.740	237	805041	32.445	ng/ul	99
41)	2,4,6-Trichlorophenol	13.010	196	981779	40.065	ng/ul	99
42)	2,4,5-Trichlorophenol	13.081	196	1074543	40.824	ng/ul	99
43)	1,1'-Biphenyl	13.410	154	3260523	36.663	ng/ul	100
44)	2-Chloronaphthalene	13.451	162	2593360	37.051	ng/ul	100
45)	2-Nitroaniline	13.657	65	762515	44.933	ng/ul	93
47)	Dimethylphthalate	14.034	163	3380721	37.481	ng/ul	99
48)	2,6-Dinitrotoluene	14.157	165	703232	41.952	ng/ul	97
50)	Acenaphthylene	14.299	152	4023797	37.428	ng/ul	100
51)	3-Nitroaniline	14.487	138	641709	40.542	ng/ul	98
52)	Acenaphthene	14.640	153	2787773	37.419	ng/ul	99
53)	2,4-Dinitrophenol	14.693	184	438790	38.295	ng/ul	97
55)	4-Nitrophenol	14.793	109	479909	42.965	ng/ul	93
56)	Dibenzofuran	14.975	168	3994813	37.714	ng/ul	100
57)	2,4-Dinitrotoluene	14.946	165	1012007	41.562	ng/ul	99
58)	2,3,4,6-Tetrachlorophenol	15.204	232	994346	41.395	ng/ul	94
59)	Diethylphthalate	15.393	149	3352044	38.229	ng/ul	99
61)	Fluorene	15.628	166	3291559	38.747	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.616	204	1777753	39.572	ng/ul	100
63)	4-Nitroaniline	15.651	138	692698	49.734	ng/ul	92
66)	4,6-Dinitro-2-methylph...	15.710	198	669633	38.299	ng/ul	100
67)	N-Nitrosodiphenylamine	15.834	169	2856534	37.059	ng/ul	99
68)	4-Bromophenyl-phenylether	16.516	248	1161781	38.478	ng/ul	99
69)	Hexachlorobenzene	16.634	284	1366491	38.116	ng/ul	99
70)	Atrazine	16.793	200	1167188	38.857	ng/ul	99
71)	Pentachlorophenol	16.981	266	835175	38.467	ng/ul	99
72)	Phenanthrene	17.375	178	5407413	37.340	ng/ul	100
74)	Anthracene	17.469	178	5481217	37.907	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.375	216	1495200	37.694	ng/uL	99
76)	Pentachlorobenzene	14.893	250	1488728	36.811	ng/uL	99
77)	Carbazole	17.740	167	4864347	39.946	ng/ul	99
78)	Di-n-butylphthalate	18.281	149	5919033	39.921	ng/ul	100
80)	Fluoranthene	19.339	202	6640928	40.111	ng/ul	99
82)	Pyrene	19.692	202	6791902	39.768	ng/ul	99
83)	Butylbenzylphthalate	20.557	149	2632605	39.901	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.333	252	1782978	31.056	ng/ul	99
85)	Benzo(a)anthracene	21.404	228	6399923	37.935	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.310	149	3801068	40.841	ng/ul	100
87)	Chrysene	21.463	228	5996509	37.586	ng/ul	100
89)	Di-n-octyl phthalate	22.257	149	5827228	46.688	ng/ul	100
90)	Benzo(b)fluoranthene	23.133	252	5578039	39.263	ng/ul	99
91)	Benzo(k)fluoranthene	23.186	252	5497622	39.025	ng/ul	99
93)	Benzo(a)pyrene	23.780	252	4689292	37.908	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.468	276	5437202	35.287	ng/ul	98
95)	Dibenzo(a,h)anthracene	26.486	278	4591272	35.989	ng/ul	99
96)	Benzo(g,h,i)perylene	27.257	276	4446555	35.946	ng/ul	98

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

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