Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
Data File : BP014247.D
Acq On : 23 Mar 2023 09:00
Operator : CG/JU
Sample : 01977-17MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 23 09:25:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 23 04:56:06 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
EYGA2MSD

Manual IntegrationsAPPROVED

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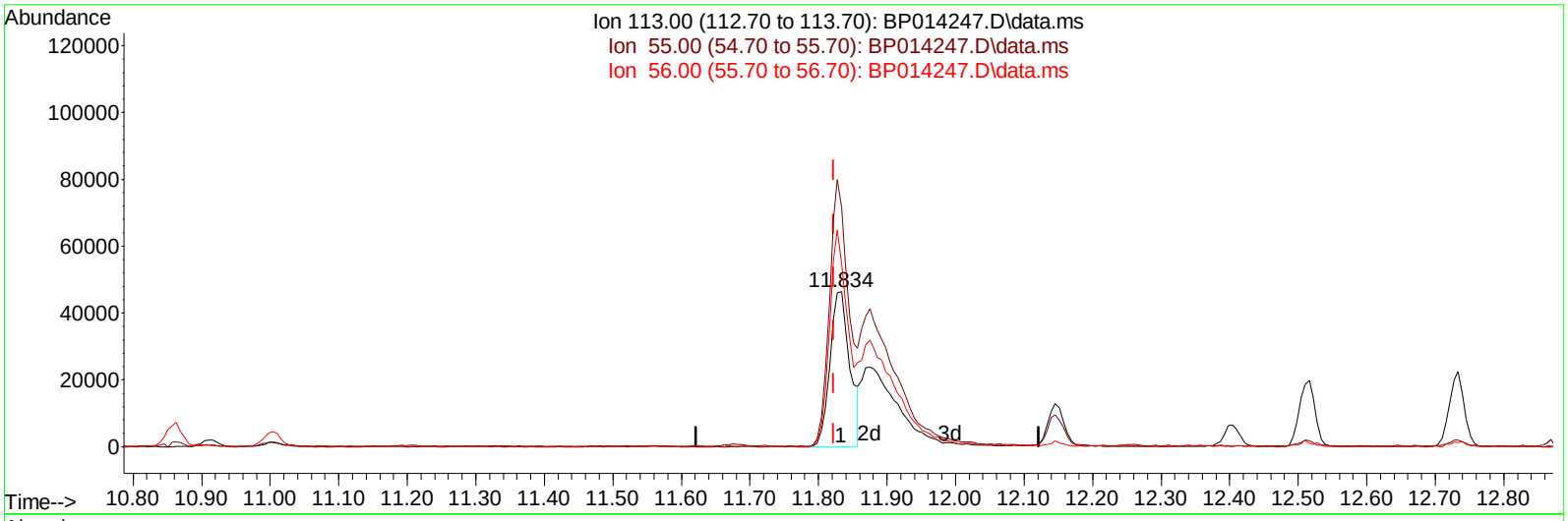
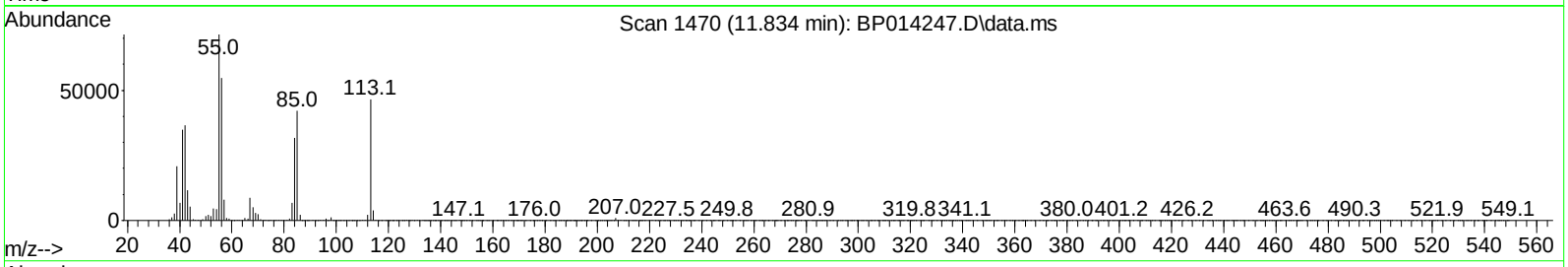
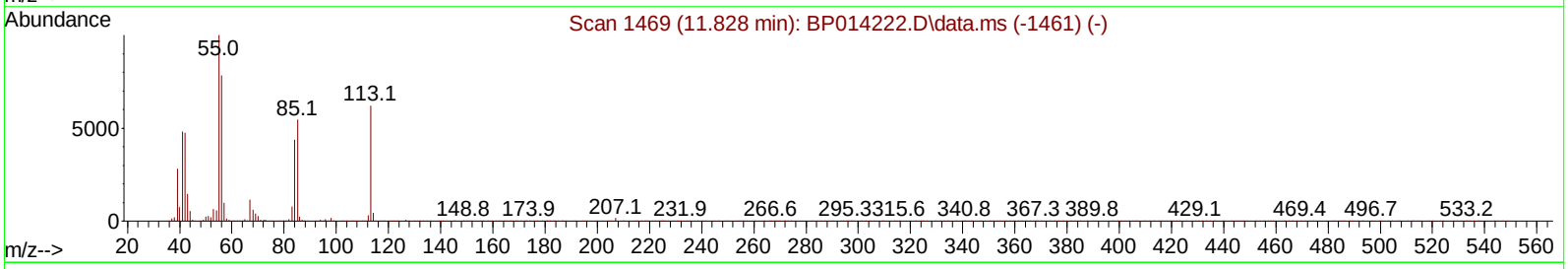
Supervised By :Jagrut Upadhyay 03/23/2023







TIC: BP014247.D\data.ms

(34) Caprolactam

11.834min (+ 0.012) 19.10 ng/ul

response 94600

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	153.89
56.00	127.50	117.82
0.00	0.00	0.00

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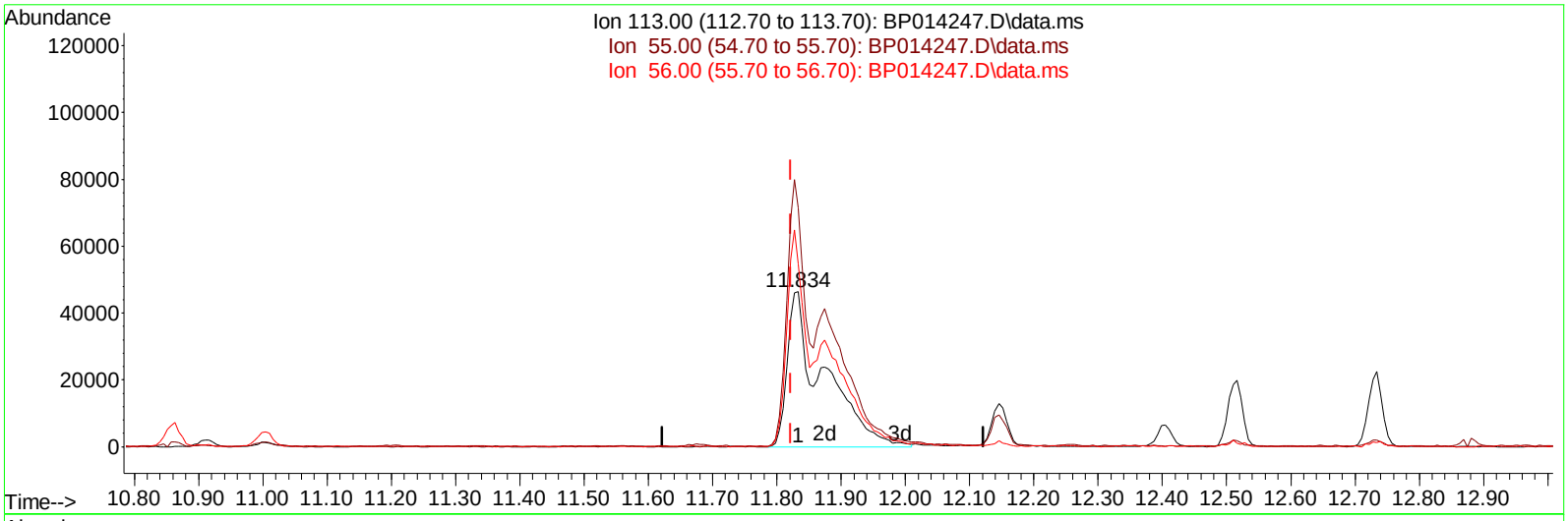

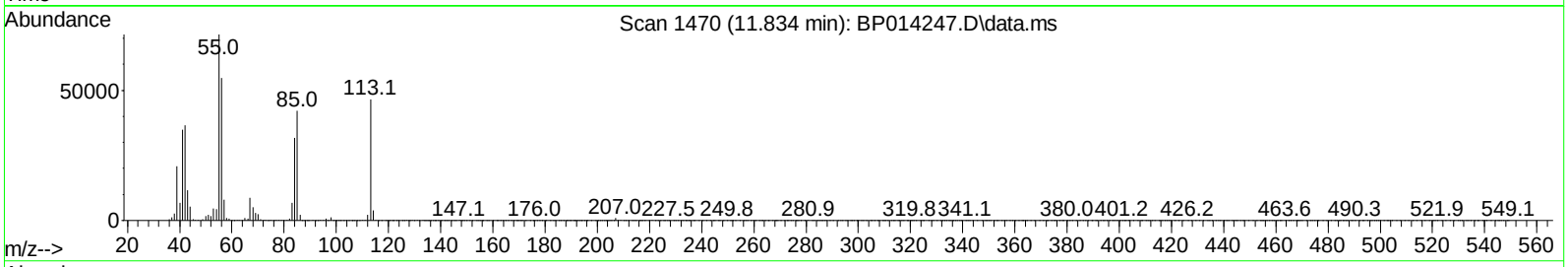

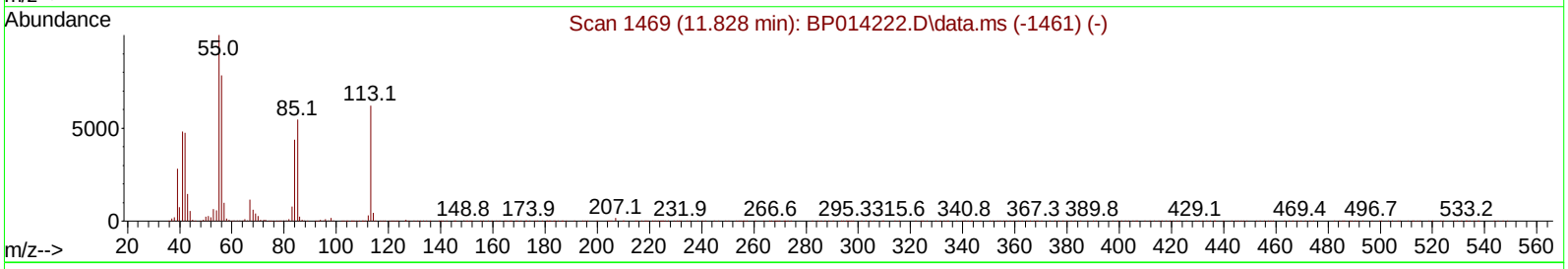

TIC: BP014247.D\data.ms

(34) Caprolactam

11.834min (+ 0.012) 36.81 ng/ul m

response 182354

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	153.89
56.00	127.50	117.82
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	8.034	152	188227	20.000	ng/ul	0.00
20) Naphthalene-d8	10.857	136	860529	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.681	164	598662	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	1369580	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.527	240	1294087	20.000	ng/ul	# 0.00
88) Perylene-d12	24.045	264	1216018	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	26050	5.229	ng/uL	0.00
4) Pyridine-d5	3.834	84	334781	24.271	ng/ul	0.00
7) Phenol-d5	7.199	99	598589	36.037	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	363012	37.473	ng/ul	0.00
11) 2-Chlorophenol-d4	7.563	132	429431	33.933	ng/ul	0.00
15) 4-Methylphenol-d8	8.757	113	500629	36.897	ng/ul	0.00
21) Nitrobenzene-d5	9.216	128	237112	34.534	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	276333	33.621	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	508136	32.857	ng/ul	0.00
31) 4-Chloroaniline-d4	11.004	131	609999	29.806	ng/ul	0.00
46) Dimethylphthalate-d6	14.092	166	1637960	32.239	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	1815169	33.726	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	291516	32.559	ng/ul	0.00
60) Fluorene-d10	15.680	176	1411999	32.792	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	316601	30.585	ng/ul	0.00
73) Anthracene-d10	17.545	188	2224471	33.457	ng/ul	0.00
81) Pyrene-d10	19.768	212	2657428	37.233	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.886	264	2228877	34.458	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	61168	11.374	ng/uL	91
5) Pyridine	3.858	79	419053	29.958	ng/ul	97
6) Benzaldehyde	7.175	77	354095	42.843	ng/ul	99
8) Phenol	7.222	94	655513	38.267	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.457	93	495734	37.775	ng/ul	99
12) 2-Chlorophenol	7.599	128	465880	36.538	ng/ul	96
13) 2-Methylphenol	8.487	108	486032	38.158	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.575	45	634020	44.736	ng/ul	98
16) Acetophenone	8.875	105	831258	37.924	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.857	70	457339	40.785	ng/ul	98
18) 4-Methylphenol	8.816	108	546282	38.992	ng/ul	99
19) Hexachloroethane	9.122	117	200026	35.819	ng/ul	92
22) Nitrobenzene	9.257	77	664262	36.166	ng/ul	98
23) Isophorone	9.787	82	1297199	36.675	ng/ul	97
25) 2-Nitrophenol	9.969	139	299173	35.318	ng/ul	96
26) 2,4-Dimethylphenol	10.028	107	639109	34.469	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.263	93	748090	36.565	ng/ul	99
29) 2,4-Dichlorophenol	10.510	162	512972	33.626	ng/ul	97
30) Naphthalene	10.910	128	1615882	34.195	ng/ul	99
32) 4-Chloroaniline	11.028	127	573691	27.857	ng/ul	98
33) Hexachlorobutadiene	11.187	225	364334	30.013	ng/ul	96
34) Caprolactam	11.834	113	182354m	36.815	ng/ul	
35) 4-Chloro-3-methylphenol	12.145	107	647024	36.679	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.516	142	1141702	34.447	ng/ul	98
37) 1-Methylnaphthalene	12.734	142	1171031	35.152	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.881	216	697614	32.224	ng/ul	99
40) Hexachlorocyclopentadiene	12.851	237	416775	26.885	ng/ul	98
41) 2,4,6-Trichlorophenol	13.122	196	464492	34.155	ng/ul	99
42) 2,4,5-Trichlorophenol	13.198	196	511856	34.296	ng/ul	100
43) 1,1'-Biphenyl	13.516	154	1602069	34.759	ng/ul	99
44) 2-Chloronaphthalene	13.563	162	1276281	34.865	ng/ul	97
45) 2-Nitroaniline	13.775	65	445757	41.172	ng/ul	93
47) Dimethylphthalate	14.139	163	1718817	34.178	ng/ul	100
48) 2,6-Dinitrotoluene	14.263	165	368299	37.043	ng/ul	98
50) Acenaphthylene	14.410	152	1979670	35.049	ng/ul	100
51) 3-Nitroaniline	14.598	138	345124	39.204	ng/ul	93
52) Acenaphthene	14.751	153	1384181	35.054	ng/ul	99
53) 2,4-Dinitrophenol	14.804	184	253260	34.110	ng/ul	94
55) 4-Nitrophenol	14.910	109	296200	30.627	ng/ul	86
56) Dibenzofuran	15.080	168	1970191	34.297	ng/ul	100
57) 2,4-Dinitrotoluene	15.051	165	534291	35.967	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.310	232	472454	33.088	ng/ul	99
59) Diethylphthalate	15.498	149	1770506	34.711	ng/ul	100
61) Fluorene	15.733	166	1610915	33.830	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.722	204	861599	32.783	ng/ul	99
63) 4-Nitroaniline	15.769	138	373165	41.238	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.816	198	341810	34.612	ng/ul	95
67) N-Nitrosodiphenylamine	15.939	169	1394440	36.050	ng/ul	99
68) 4-Bromophenyl-phenylether	16.622	248	561138	33.891	ng/ul	98
69) Hexachlorobenzene	16.739	284	651707	33.403	ng/ul	96
70) Atrazine	16.898	200	455479	27.301	ng/ul	99
71) Pentachlorophenol	17.092	266	394834	30.959	ng/ul	100
72) Phenanthrene	17.486	178	2621867	35.099	ng/ul	100
74) Anthracene	17.580	178	2628402	34.702	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.486	216	713080	33.926	ng/uL	99
76) Pentachlorobenzene	14.998	250	743021	34.031	ng/uL	99
77) Carbazole	17.845	167	2388869	35.757	ng/ul	100
78) Di-n-butylphthalate	18.374	149	3128238	37.466	ng/ul	100
80) Fluoranthene	19.439	202	3229767	39.701	ng/ul#	94
82) Pyrene	19.798	202	3295597	38.834	ng/ul	96
83) Butylbenzylphthalate	20.651	149	1447776	42.309	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.433	252	1032510	31.167	ng/ul	99
85) Benzo(a)anthracene	21.510	228	3215905	35.331	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	2111272	41.269	ng/ul	99
87) Chrysene	21.562	228	3026926	34.894	ng/ul	100
89) Di-n-octyl phthalate	22.368	149	3509920	45.744	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	3000451	37.030	ng/ul	98
91) Benzo(k)fluoranthene	23.321	252	2871956	37.170	ng/ul	98
93) Benzo(a)pyrene	23.939	252	2491609	35.353	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.698	276	2741247	29.381	ng/ul	97
95) Dibenzo(a,h)anthracene	26.715	278	2301468	29.680	ng/ul	99
96) Benzo(g,h,i)perylene	27.515	276	2148875	28.816	ng/ul	98

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

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