Quantitation Report (Qedit)

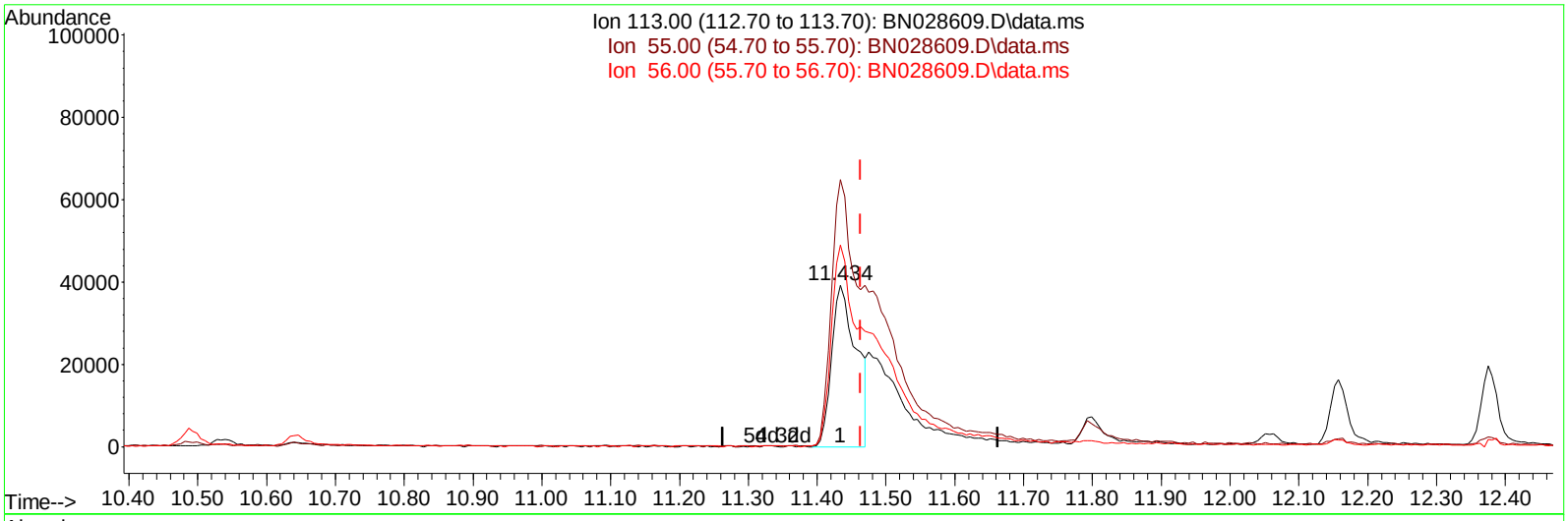
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111423\
Data File : BN028609.D
Acq On : 14 Nov 2023 18:58
Operator : MA/JU
Sample : PB156980BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

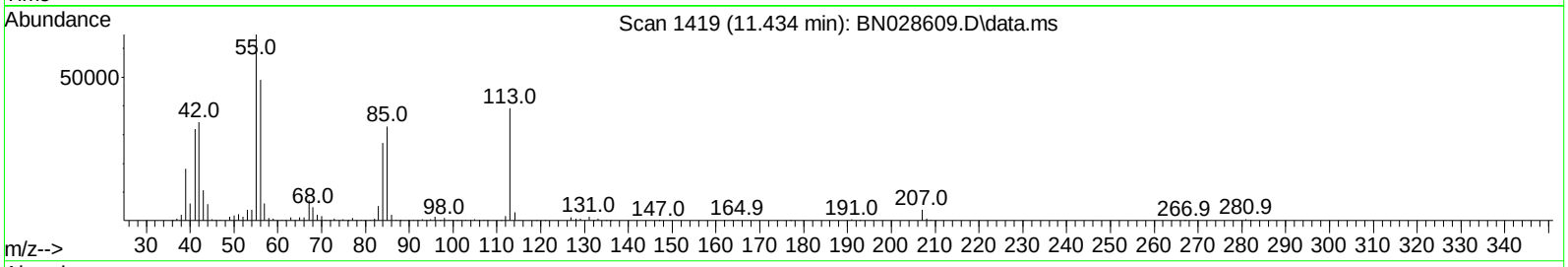
Quant Time: Nov 14 23:38:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 14 04:50:19 2023
Response via : Initial Calibration

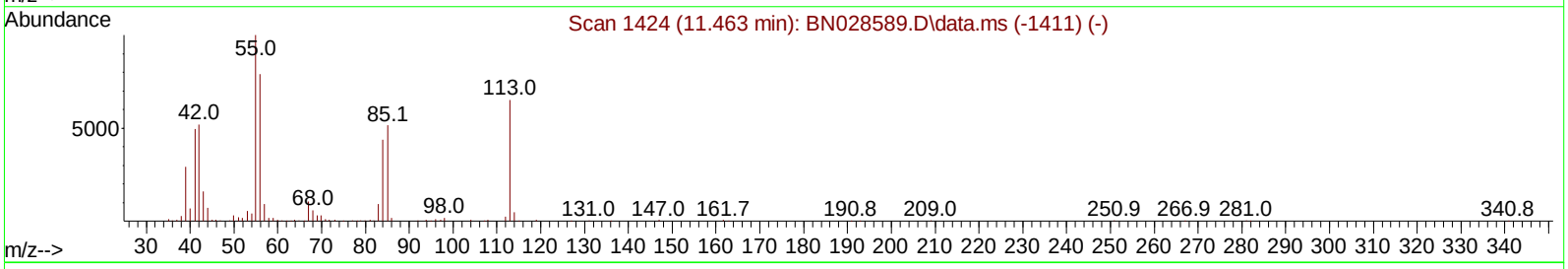
Instrument :
BNA_N
ClientSampleId :
SLCS980

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/16/2023







TIC: BN028609.D\data.ms

(34) Caprolactam

11.434min (-0.029) 26.09 ng/ul

response 97400

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	165.10
56.00	122.60	124.93
0.00	0.00	0.00

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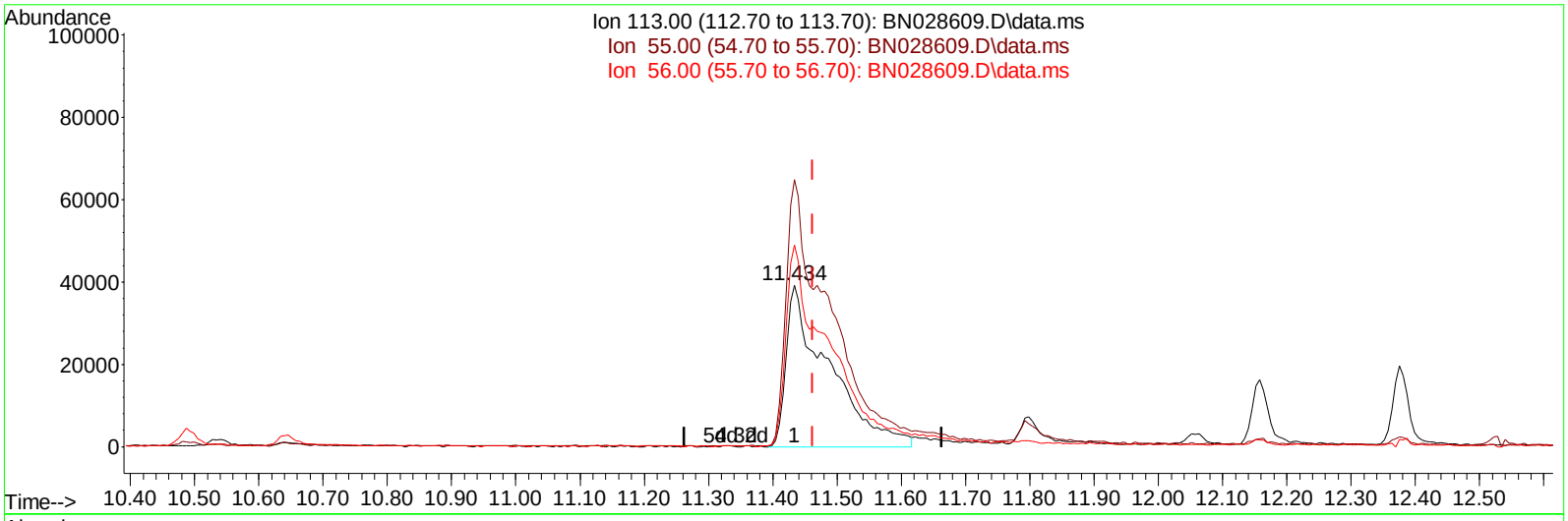

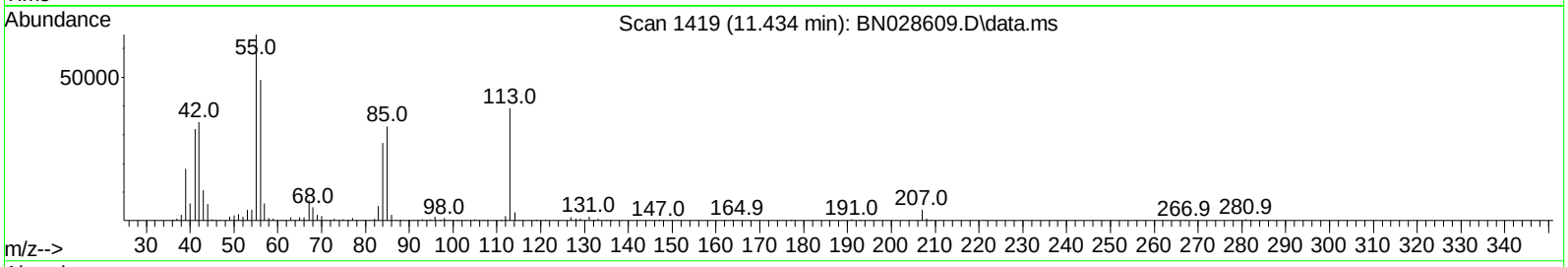

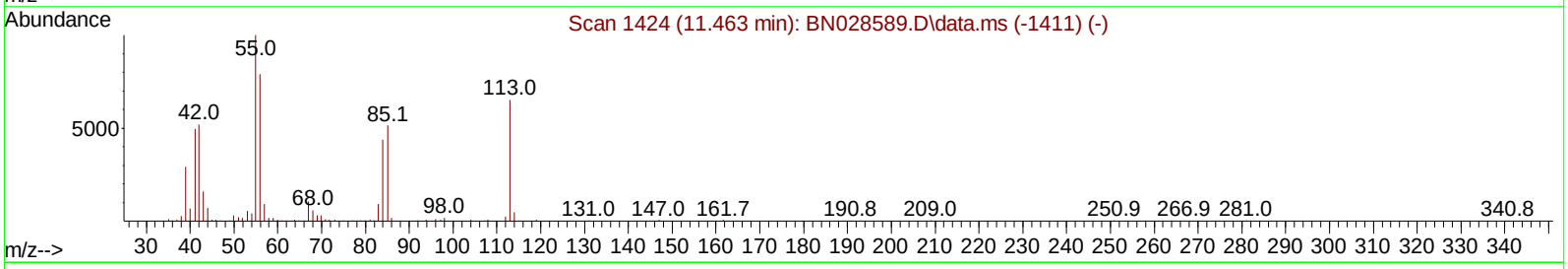

TIC: BN028609.D\data.ms

(34) Caprolactam

11.434min (-0.029) 48.38 ng/ul m

response 180622

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	165.10
56.00	122.60	124.93
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	7.699	152	121776	20.000	ng/ul	0.00
20) Naphthalene-d8	10.487	136	697678	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.346	164	461951	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.092	188	902845	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	720324	20.000	ng/ul	0.00
88) Perylene-d12	23.598	264	695119	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	37309	10.970	ng/uL	0.00
4) Pyridine-d5	3.564	84	377959	50.692	ng/ul	0.00
7) Phenol-d5	6.881	99	626549	53.858	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	375023	52.119	ng/ul	0.00
11) 2-Chlorophenol-d4	7.234	132	542586	53.368	ng/ul	0.00
15) 4-Methylphenol-d8	8.422	113	495852	51.761	ng/ul	0.00
21) Nitrobenzene-d5	8.863	128	255116	40.726	ng/ul	0.00
24) 2-Nitrophenol-d4	9.581	143	258079	39.358	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	504884	45.284	ng/ul	0.00
31) 4-Chloroaniline-d4	10.640	131	681903	40.358	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	1762213	42.308	ng/ul	0.00
49) Acenaphthylene-d8	14.034	160	2038503	42.463	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	180124	40.807	ng/ul	-0.02
60) Fluorene-d10	15.340	176	1438889	41.901	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	234566	46.771	ng/ul	0.00
73) Anthracene-d10	17.192	188	2122077	42.107	ng/ul	0.00
81) Pyrene-d10	19.498	212	2398622	43.905	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.457	264	2066155	47.479	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.181	88	79260	21.821	ng/uL	97
5) Pyridine	3.581	79	413484	53.635	ng/ul	99
6) Benzaldehyde	6.846	77	176875	32.244	ng/ul	99
8) Phenol	6.911	94	656504	56.724	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.134	93	507852	51.699	ng/ul	97
12) 2-Chlorophenol	7.264	128	567394	56.091	ng/ul	97
13) 2-Methylphenol	8.152	108	469953	50.674	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.228	45	934398	61.615	ng/ul	100
16) Acetophenone	8.528	105	821561	52.160	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.511	70	450800	54.877	ng/ul	98
18) 4-Methylphenol	8.487	108	517613	51.977	ng/ul	96
19) Hexachloroethane	8.763	117	262844	56.571	ng/ul	93
22) Nitrobenzene	8.905	77	558924	41.691	ng/ul	97
23) Isophorone	9.422	82	1381115	46.200	ng/ul	99
25) 2-Nitrophenol	9.610	139	266849	38.692	ng/ul	99
26) 2,4-Dimethylphenol	9.681	107	520815	38.538	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.916	93	723730	41.920	ng/ul	98
29) 2,4-Dichlorophenol	10.146	162	497155	45.066	ng/ul	99
30) Naphthalene	10.540	128	2003925	44.857	ng/ul	99
32) 4-Chloroaniline	10.663	127	564736	35.650	ng/ul	99
33) Hexachlorobutadiene	10.822	225	372478	45.058	ng/ul	98
34) Caprolactam	11.434	113	180622m	48.381	ng/ul	
35) 4-Chloro-3-methylphenol	11.799	107	546608	45.428	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.157	142	1308826	44.249	ng/ul	94
37) 1-Methylnaphthalene	12.375	142	1325123	43.364	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.528	216	675998	43.072	ng/ul	95
40) Hexachlorocyclopentadiene	12.504	237	366699	46.398	ng/ul	99
41) 2,4,6-Trichlorophenol	12.775	196	407017	44.242	ng/ul	98
42) 2,4,5-Trichlorophenol	12.851	196	379130	34.496	ng/ul	97
43) 1,1'-Biphenyl	13.181	154	1718191	42.198	ng/ul	99
44) 2-Chloronaphthalene	13.216	162	1368503	42.127	ng/ul	97
45) 2-Nitroaniline	13.440	65	325176	39.190	ng/ul	98
47) Dimethylphthalate	13.816	163	1800141	43.593	ng/ul	99
48) 2,6-Dinitrotoluene	13.928	165	360240	44.180	ng/ul	98
50) Acenaphthylene	14.063	152	2368726	43.800	ng/ul	98
51) 3-Nitroaniline	14.275	138	206873	25.881	ng/ul	98
52) Acenaphthene	14.404	153	1539850	43.268	ng/ul	99
53) 2,4-Dinitrophenol	14.481	184	65627	32.848	ng/ul	86
55) 4-Nitrophenol	14.593	109	121691	42.151	ng/ul	97
56) Dibenzofuran	14.746	168	2098433	44.191	ng/ul	98
57) 2,4-Dinitrotoluene	14.722	165	505431	45.092	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.975	232	396205	44.783	ng/ul	98
59) Diethylphthalate	15.181	149	1840035	43.578	ng/ul	99
61) Fluorene	15.393	166	1713523	43.293	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.398	204	820055	42.814	ng/ul	99
63) 4-Nitroaniline	15.445	138	212705	27.792	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.481	198	251928	48.077	ng/ul#	97
67) N-Nitrosodiphenylamine	15.610	169	1415883	45.488	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	479568	44.461	ng/ul	94
69) Hexachlorobenzene	16.398	284	585576	46.227	ng/ul	93
70) Atrazine	16.569	200	460551	48.310	ng/ul	100
71) Pentachlorophenol	16.745	266	312571	49.196	ng/ul	96
72) Phenanthrene	17.134	178	2581170	45.618	ng/ul	98
74) Anthracene	17.228	178	2579944	43.656	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.140	216	710258	45.974	ng/uL	97
76) Pentachlorobenzene	14.663	250	700966	46.301	ng/uL	96
77) Carbazole	17.504	167	2195304	45.347	ng/ul	99
78) Di-n-butylphthalate	18.081	149	2960820	45.780	ng/ul	100
80) Fluoranthene	19.163	202	2904184	45.436	ng/ul	99
82) Pyrene	19.528	202	2984983	45.279	ng/ul	99
83) Butylbenzylphthalate	20.451	149	1244726	45.215	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.233	252	731447	44.586	ng/ul	98
85) Benzo(a)anthracene	21.292	228	2578025	45.401	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.239	149	1829291	47.267	ng/ul#	99
87) Chrysene	21.345	228	2744000	46.718	ng/ul	97
89) Di-n-octyl phthalate	22.139	149	3060191	51.018	ng/ul	100
90) Benzo(b)fluoranthene	22.910	252	2511966	49.970	ng/ul	99
91) Benzo(k)fluoranthene	22.957	252	2741237	48.608	ng/ul	98
93) Benzo(a)pyrene	23.504	252	2381148	47.602	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.974	276	2846212	48.686	ng/ul	98
95) Dibenzo(a,h)anthracene	25.986	278	2367184	49.117	ng/ul	97
96) Benzo(g,h,i)perylene	26.686	276	2294293	49.736	ng/ul	95

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

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