Quantitation Report (Qedit)

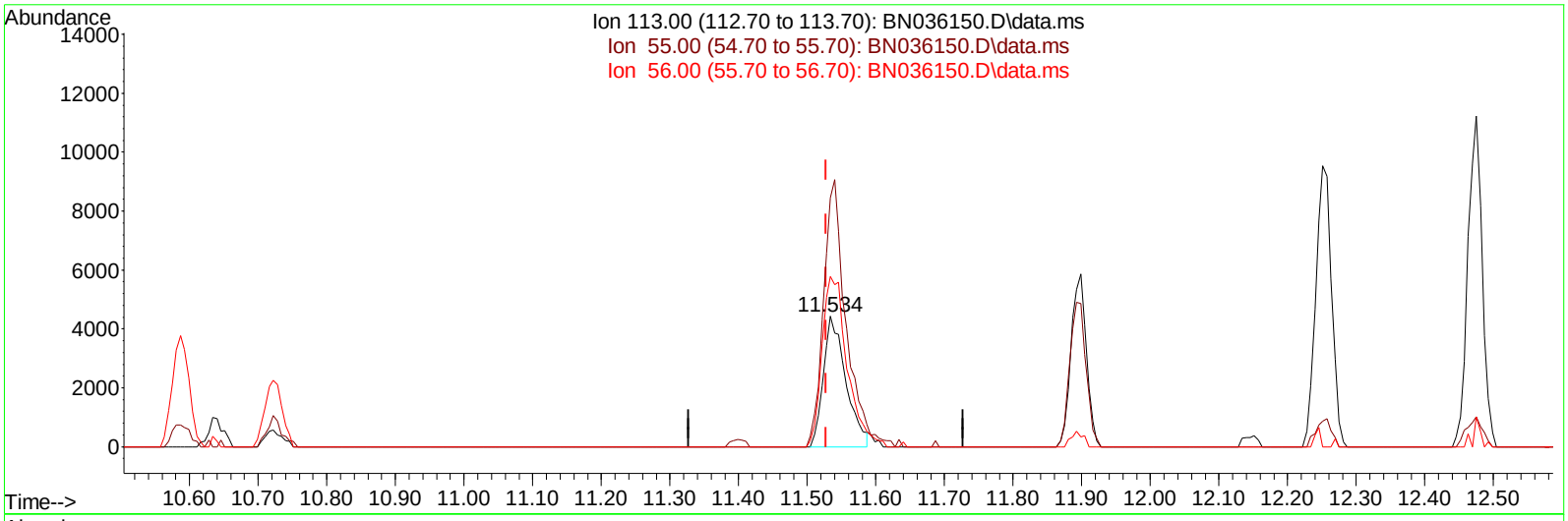
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013025\
Data File : BN036150.D
Acq On : 31 Jan 2025 02:13
Operator : RC/JU
Sample : Q1192-02MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

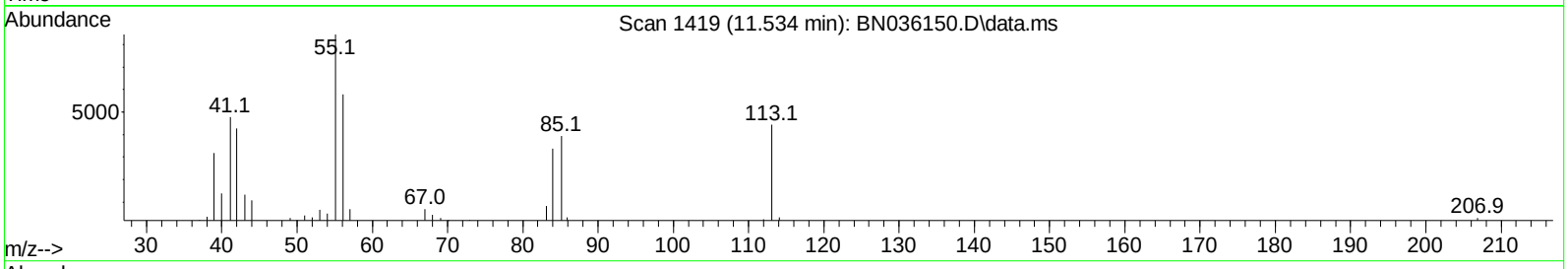
Quant Time: Jan 31 07:36:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN013025.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 30 17:36:07 2025
Response via : Initial Calibration

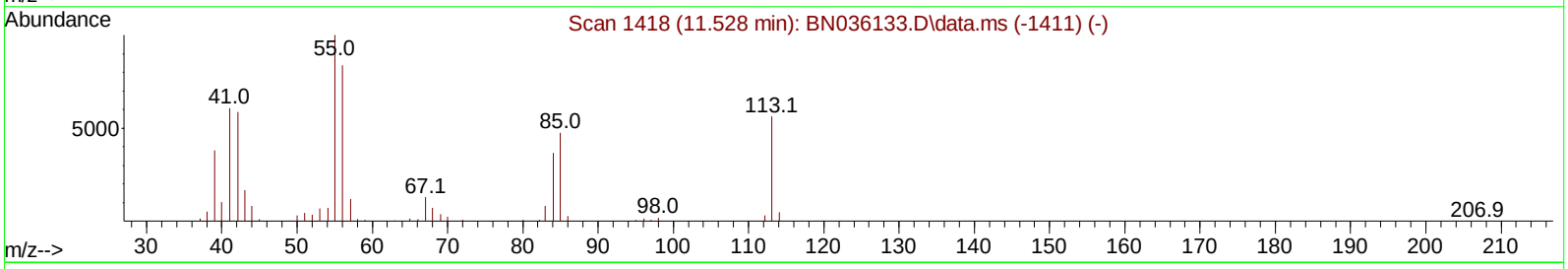
Instrument :
BNA_N
ClientSampleId :
A44T8MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025







TIC: BN036150.D\data.ms

(34) Caprolactam

11.534min (+ 0.006) 4.49 ng/ul

response 10045

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	179.50	190.63
56.00	148.80	130.32
0.00	0.00	0.00

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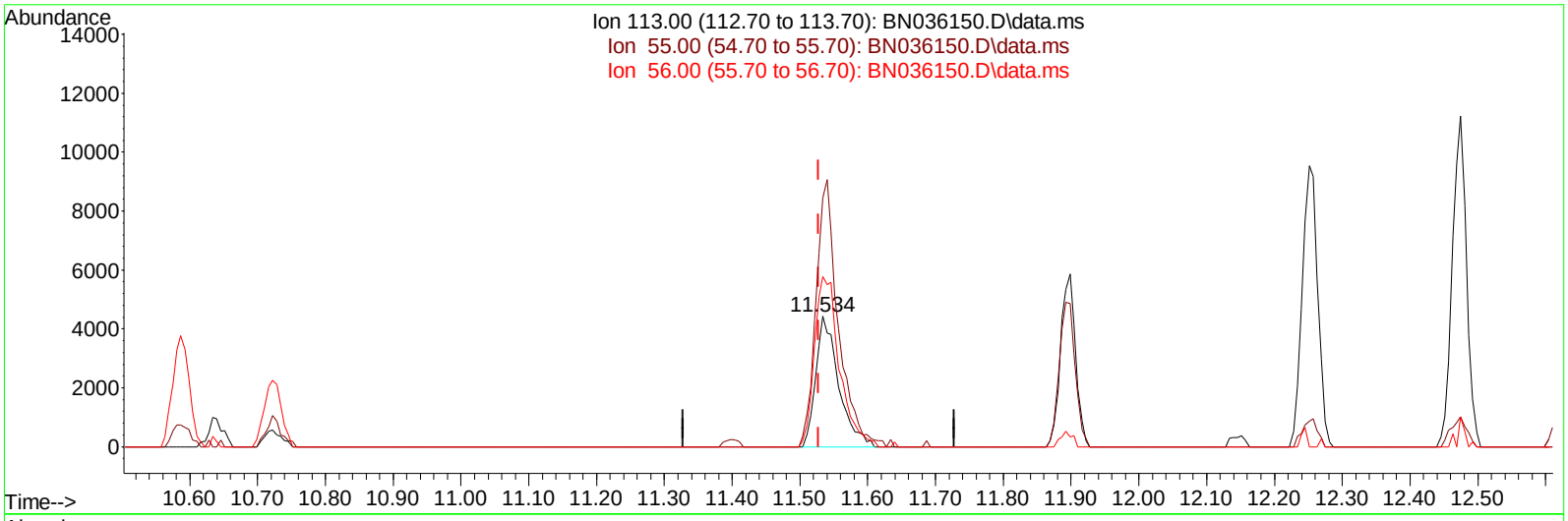

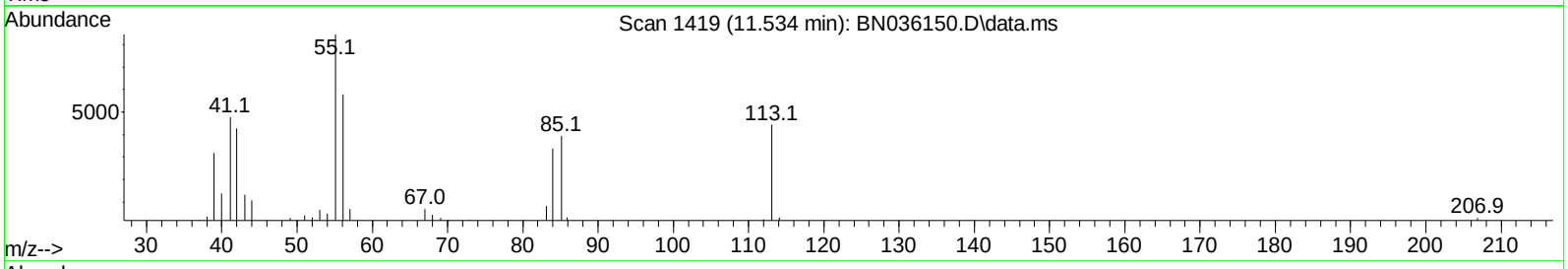

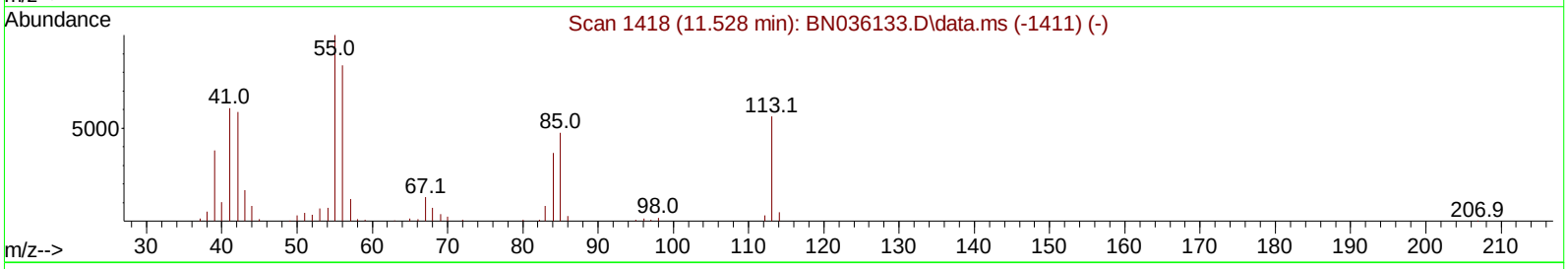

TIC: BN036150.D\data.ms

(34) Caprolactam

11.534min (+ 0.006) 4.62 ng/ul m

response 10330

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	179.50	190.63
56.00	148.80	130.32
0.00	0.00	0.00

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Sample : Q1192-02MS
Misc :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	103492	20.000	ng/ul	0.00
20) Naphthalene-d8	10.587	136	416738	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	292419	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.181	188	613673	20.000	ng/ul	0.00
79) Chrysene-d12	21.427	240	622155	20.000	ng/ul	0.00
88) Perylene-d12	24.457	264	564805	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	12060	4.748	ng/uL	0.00
4) Pyridine-d5	3.675	84	59527	8.229	ng/ul	0.00
7) Phenol-d5	6.987	99	73113	8.525	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	184150	33.461	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	194107	28.910	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	143424	20.817	ng/ul	0.00
21) Nitrobenzene-d5	8.952	128	117465	35.109	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	132554	34.918	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	229700	33.512	ng/ul	0.00
31) 4-Chloroaniline-d4	10.722	131	252924	28.088	ng/ul	0.00
46) Dimethylphthalate-d6	13.851	166	794349	36.021	ng/ul	0.00
49) Acenaphthylene-d8	14.128	160	834268	33.976	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143	38948	10.234	ng/ul	0.00
60) Fluorene-d10	15.434	176	663760	35.958	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	154133	37.949	ng/ul	0.00
73) Anthracene-d10	17.281	188	1094475	36.714	ng/ul	0.00
81) Pyrene-d10	19.575	212	1286558	34.722	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.262	264	1131703	38.106	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	14650	5.400	ng/uL#	78
5) Pyridine	3.693	79	65113	8.862	ng/ul	99
6) Benzaldehyde	6.934	77	119239	23.286	ng/ul	96
8) Phenol	7.016	94	83545	9.436	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.216	93	236303	33.962	ng/ul	99
12) 2-Chlorophenol	7.369	128	208017	30.394	ng/ul	97
13) 2-Methylphenol	8.257	108	163852	25.063	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.316	45	367428	34.596	ng/ul	98
16) Acetophenone	8.616	105	396260	35.276	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.604	70	216164	36.549	ng/ul	97
18) 4-Methylphenol	8.581	108	159511	22.362	ng/ul	94
19) Hexachloroethane	8.875	117	73061	23.107	ng/ul	93
22) Nitrobenzene	8.993	77	327188	35.483	ng/ul	98
23) Isophorone	9.522	82	602624	36.874	ng/ul	99
25) 2-Nitrophenol	9.704	139	140735	34.649	ng/ul	98
26) 2,4-Dimethylphenol	9.775	107	234350	28.319	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.999	93	324330	33.811	ng/ul	98
29) 2,4-Dichlorophenol	10.251	162	231319	33.498	ng/ul	98
30) Naphthalene	10.640	128	676344	30.166	ng/ul	100
32) 4-Chloroaniline	10.746	127	152179	17.509	ng/ul	96
33) Hexachlorobutadiene	10.928	225	129728	25.737	ng/ul	96
34) Caprolactam	11.534	113	10330m	4.622	ng/ul	
35) 4-Chloro-3-methylphenol	11.893	107	271809	34.264	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.251	142	519556	33.059	ng/ul	96
37) 1-Methylnaphthalene	12.475	142	527406	34.159	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.622	216	303746	32.508	ng/ul	99
40) Hexachlorocyclopentadiene	12.610	237	122586	23.505	ng/ul	90
41) 2,4,6-Trichlorophenol	12.869	196	214247	35.562	ng/ul	96
42) 2,4,5-Trichlorophenol	12.957	196	234504	35.968	ng/ul	99
43) 1,1'-Biphenyl	13.269	154	736217	33.918	ng/ul	100
44) 2-Chloronaphthalene	13.310	162	581717	34.088	ng/ul	96
45) 2-Nitroaniline	13.516	65	228344	39.244	ng/ul	98
47) Dimethylphthalate	13.898	163	806550	36.522	ng/ul	98
48) 2,6-Dinitrotoluene	14.010	165	168940	38.789	ng/ul	95
50) Acenaphthylene	14.157	152	907191	35.110	ng/ul	97
51) 3-Nitroaniline	14.339	138	153569	35.189	ng/ul	93
52) Acenaphthene	14.504	153	659436	35.452	ng/ul	96
53) 2,4-Dinitrophenol	14.545	184	110764	40.474	ng/ul	90
55) 4-Nitrophenol	14.692	109	44293	10.916	ng/ul	98
56) Dibenzofuran	14.839	168	927168	36.005	ng/ul	97
57) 2,4-Dinitrotoluene	14.798	165	258144	39.610	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.069	232	204362	37.549	ng/ul	100
59) Diethylphthalate	15.263	149	879128	38.591	ng/ul	98
61) Fluorene	15.486	166	772363	36.986	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.481	204	395530	36.633	ng/ul	98
63) 4-Nitroaniline	15.510	138	183695	43.023	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.563	198	167179	38.762	ng/ul	98
67) N-Nitrosodiphenylamine	15.692	169	678539	36.430	ng/ul	96
68) 4-Bromophenyl-phenylether	16.375	248	240666	36.604	ng/ul	92
69) Hexachlorobenzene	16.492	284	270449	37.705	ng/ul	97
70) Atrazine	16.651	200	239129	32.574	ng/ul	99
71) Pentachlorophenol	16.839	266	182236	37.220	ng/ul	99
72) Phenanthrene	17.228	178	1282807	37.284	ng/ul	99
74) Anthracene	17.316	178	1296559	37.448	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.234	216	309291	32.385	ng/uL	98
76) Pentachlorobenzene	14.757	250	320670	34.367	ng/uL	97
77) Carbazole	17.586	167	1204100	39.645	ng/ul	99
78) Di-n-butylphthalate	18.151	149	1526682	37.736	ng/ul	99
80) Fluoranthene	19.239	202	1508909	34.861	ng/ul	99
82) Pyrene	19.604	202	1638160	35.702	ng/ul	100
83) Butylbenzylphthalate	20.510	149	728301	36.911	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.333	252	440105	40.055	ng/ul	97
85) Benzo(a)anthracene	21.410	228	1627165	38.040	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.339	149	1056752	37.278	ng/ul	100
87) Chrysene	21.474	228	1523148	37.557	ng/ul	99
89) Di-n-octyl phthalate	22.486	149	1812035	39.041	ng/ul	100
90) Benzo(b)fluoranthene	23.504	252	1429769	38.284	ng/ul	96
91) Benzo(k)fluoranthene	23.568	252	1459428	39.247	ng/ul	97
93) Benzo(a)pyrene	24.321	252	1265148	38.760	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.880	276	1370214	38.581	ng/ul	99
95) Dibenzo(a,h)anthracene	27.939	278	1107508	39.100	ng/ul	97
96) Benzo(g,h,i)perylene	28.956	276	1037512	38.384	ng/ul	95

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

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