Quantitation Report (Qedit)

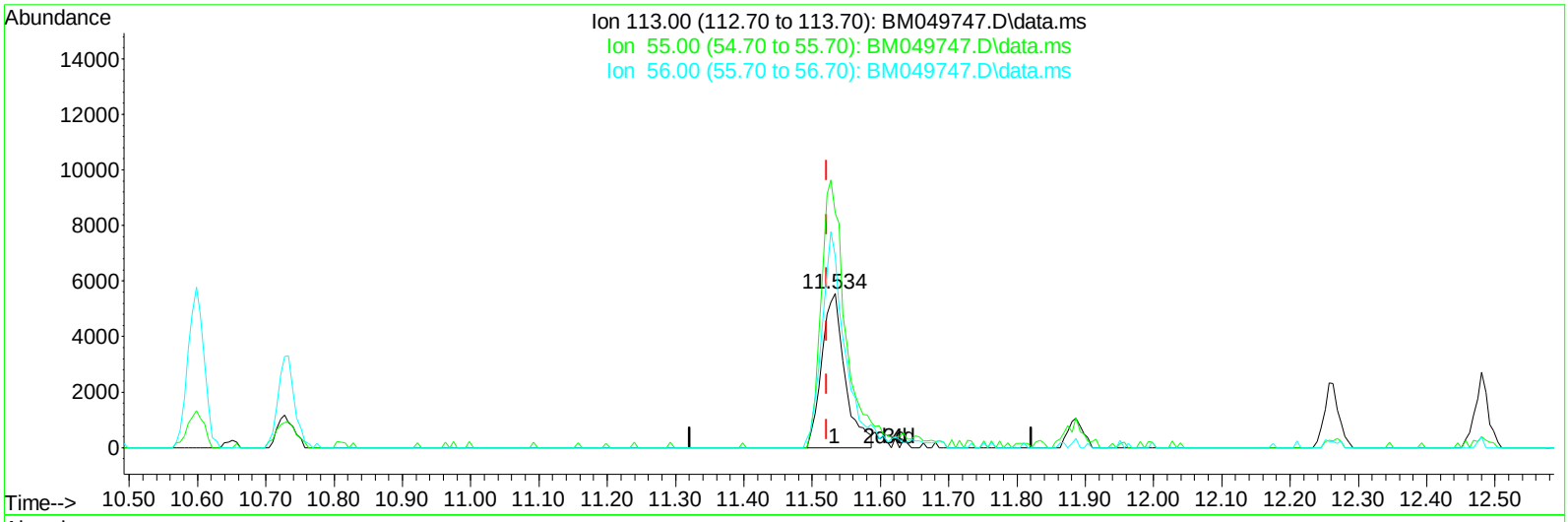
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032425\
Data File : BM049747.D
Acq On : 24 Mar 2025 12:21
Operator : RC/JU
Sample : Q1546-06
Misc : MDL-MED-SOIL 4 ppm
ALS Vial : 5 Sample Multiplier: 1

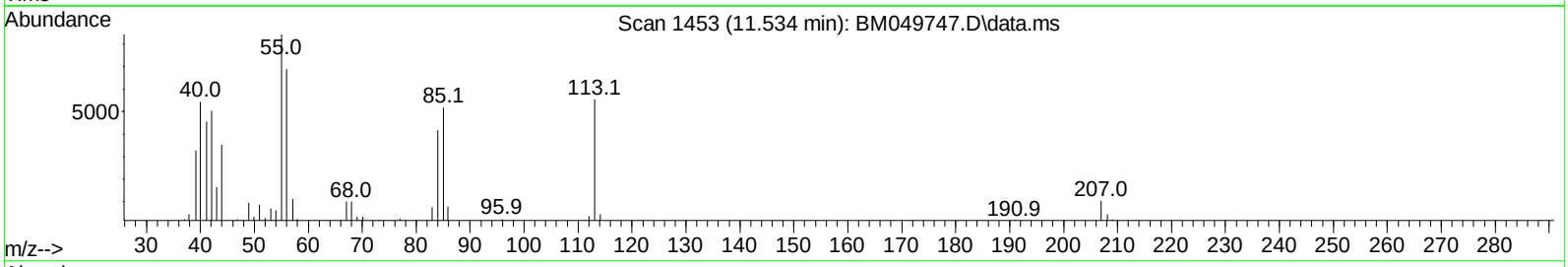
Quant Time: Mar 24 13:59:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM032125.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 21 16:26:37 2025
Response via : Initial Calibration

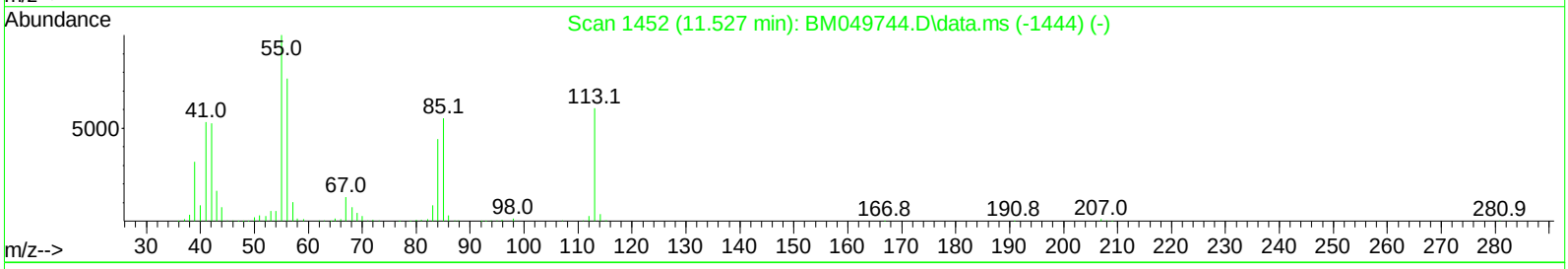
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025







TIC: BM049747.D\data.ms

(34) Caprolactam

11.534min (+ 0.012) 3.40 ng/ul

response 13031

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	170.10	151.88
56.00	120.80	124.00
0.00	0.00	0.00

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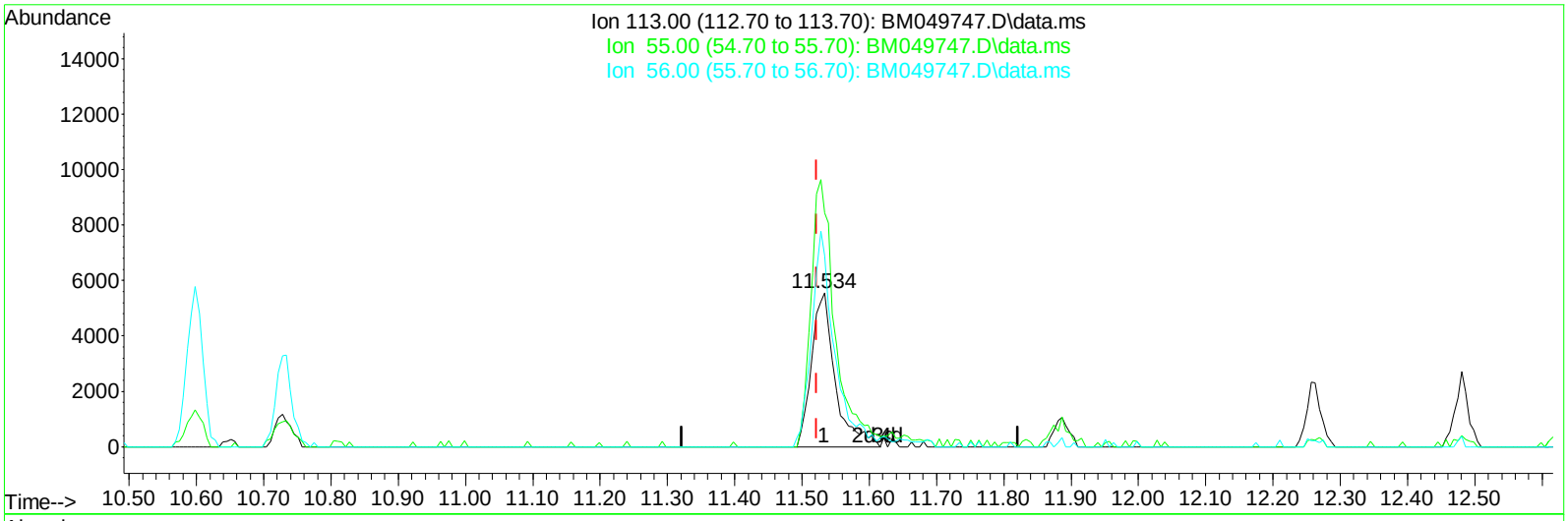

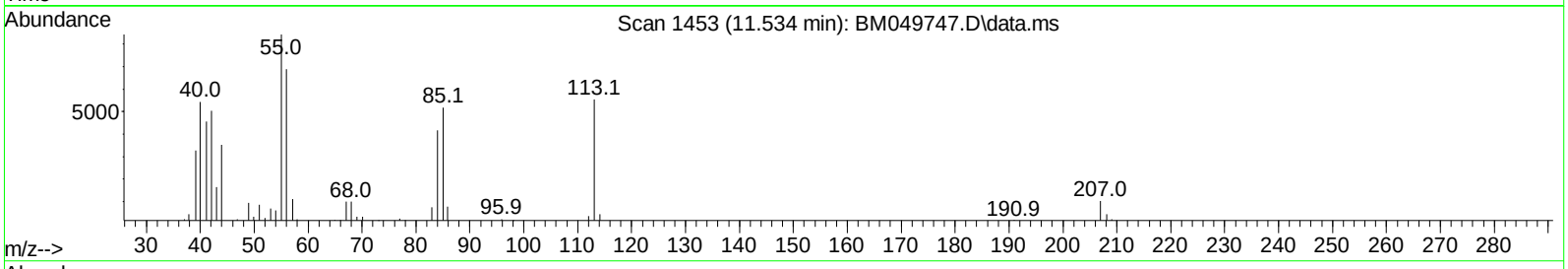

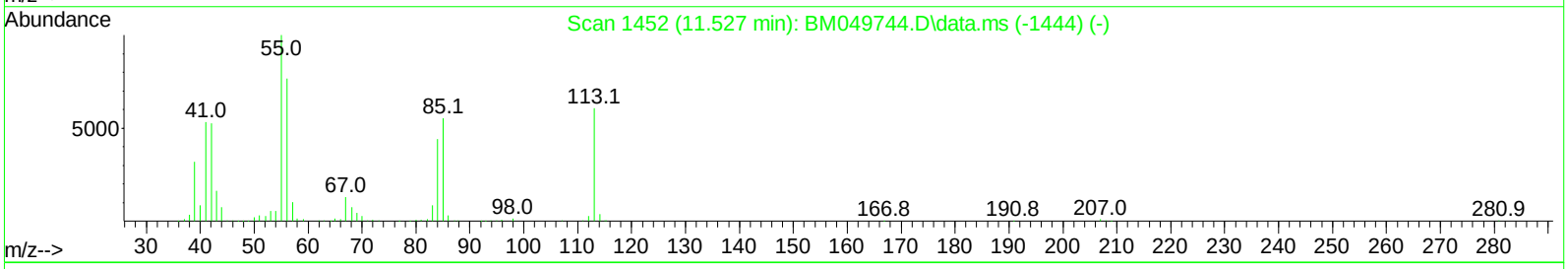

TIC: BM049747.D\data.ms

(34) Caprolactam

11.534min (+ 0.012) 3.54 ng/ul m

response 13544

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	170.10	151.88
56.00	120.80	124.00
0.00	0.00	0.00

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Acq On : 24 Mar 2025 12:21
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Sample : Q1546-06
Misc : MDL-MED-SOIL 4 ppm
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 24 14:00:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM032125.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 21 16:26:37 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	265309	20.00	ng/ul	0.00
20) Naphthalene-d8	10.598	136	896468	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	555815	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	1055920	20.00	ng/ul	0.00
79) Chrysene-d12	21.421	240	892646	20.00	ng/ul	0.00
88) Perylene-d12	24.439	264	877366	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	26190	3.84	ng/uL	0.00
4) Pyridine-d5	3.663	84	468929	23.50	ng/ul	0.00
7) Phenol-d5	6.975	99	493663	24.77	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	342196	26.37	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	401967	26.45	ng/ul	0.00
15) 4-Methylphenol-d8	8.510	113	349510	23.82	ng/ul	0.00
21) Nitrobenzene-d5	8.957	128	177607	26.89	ng/ul	0.00
24) 2-Nitrophenol-d4	9.681	143	180367	26.97	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	377170	24.90	ng/ul	0.00
31) 4-Chloroaniline-d4	10.728	131	480632	25.08	ng/ul	0.00
46) Dimethylphthalate-d6	13.851	166	1040209	26.70	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	1267873	26.82	ng/ul	0.00
54) 4-Nitrophenol-d4	14.639	143	143098	21.56	ng/ul	0.00
60) Fluorene-d10	15.433	176	946483	26.99	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	112324	18.63	ng/ul	0.00
73) Anthracene-d10	17.280	188	1340807	25.36	ng/ul	0.00
81) Pyrene-d10	19.574	212	1528019	30.02	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.233	264	1300703	28.00	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	10153	1.42	ng/uL	95
5) Pyridine	3.687	79	86303	4.31	ng/ul#	81
6) Benzaldehyde	6.940	77	53770	4.88	ng/ul	98
8) Phenol	6.998	94	91407	4.40	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.228	93	77502	4.59	ng/ul	95
12) 2-Chlorophenol	7.369	128	73947	4.60	ng/ul	96
13) 2-Methylphenol	8.245	108	52501	3.63	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.328	45	98138	4.72	ng/ul	99
16) Acetophenone	8.622	105	108178	4.42	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.610	70	50518	4.29	ng/ul	98
18) 4-Methylphenol	8.575	108	62523	4.00	ng/ul	100
19) Hexachloroethane	8.887	117	33551	4.64	ng/ul	95
22) Nitrobenzene	8.998	77	81411	4.72	ng/ul	99
23) Isophorone	9.528	82	123038	4.18	ng/ul	99
25) 2-Nitrophenol	9.710	139	34729	4.53	ng/ul	97
26) 2,4-Dimethylphenol	9.775	107	30101	2.10	ng/ul	89
27) Bis(2-Chloroethoxy)met...	10.010	93	89234	4.63	ng/ul	97
29) 2,4-Dichlorophenol	10.245	162	69909	4.56	ng/ul	95
30) Naphthalene	10.645	128	214043	4.60	ng/ul	99
32) 4-Chloroaniline	10.757	127	81994	4.43	ng/ul	98
33) Hexachlorobutadiene	10.939	225	54869	4.59	ng/ul	98
34) Caprolactam	11.534	113	13544m	3.54	ng/ul	
35) 4-Chloro-3-methylphenol	11.886	107	45622	3.74	ng/ul	99

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Instrument :
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ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.263	142	142274	4.41	ng/ul	98
37) 1-Methylnaphthalene	12.480	142	132020	4.15	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.633	216	94986	4.46	ng/ul	98
40) Hexachlorocyclopentadiene	12.616	237	46981	3.73	ng/ul	97
41) 2,4,6-Trichlorophenol	12.875	196	41908	3.72	ng/ul	97
42) 2,4,5-Trichlorophenol	12.945	196	46933	3.86	ng/ul	99
43) 1,1'-Biphenyl	13.275	154	191201	4.54	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	157694	4.62	ng/ul	98
45) 2-Nitroaniline	13.516	65	27419	3.76	ng/ul	91
47) Dimethylphthalate	13.898	163	177568	4.59	ng/ul	99
48) 2,6-Dinitrotoluene	14.010	165	24827	3.68	ng/ul	87
50) Acenaphthylene	14.163	152	222467	4.61	ng/ul	98
51) 3-Nitroaniline	14.339	138	21188	3.04	ng/ul#	88
52) Acenaphthene	14.504	153	156967	4.48	ng/ul	98
53) 2,4-Dinitrophenol	14.545	184	13944	3.50	ng/ul	99
55) 4-Nitrophenol	14.651	109	20944	3.98	ng/ul	90
56) Dibenzofuran	14.839	168	227985	4.62	ng/ul	99
57) 2,4-Dinitrotoluene	14.798	165	36721	3.73	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.069	232	34274	3.66	ng/ul	99
59) Diethylphthalate	15.263	149	152712	4.24	ng/ul	99
61) Fluorene	15.492	166	178147	4.28	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.486	204	93889	4.14	ng/ul	98
63) 4-Nitroaniline	15.498	138	20927	3.19	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.563	198	26359	3.88	ng/ul#	95
67) N-Nitrosodiphenylamine	15.698	169	136382	4.30	ng/ul	99
68) 4-Bromophenyl-phenylether	16.380	248	51854	4.26	ng/ul	97
69) Hexachlorobenzene	16.492	284	60650	4.32	ng/ul	99
70) Atrazine	16.645	200	48195	4.13	ng/ul	99
71) Pentachlorophenol	16.839	266	29114	3.41	ng/ul	98
72) Phenanthrene	17.227	178	262234	4.36	ng/ul	100
74) Anthracene	17.315	178	252557	4.18	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.239	216	84598	4.25	ng/uL	97
76) Pentachlorobenzene	14.763	250	77965	4.15	ng/uL	98
77) Carbazole	17.586	167	204477	3.81	ng/ul	99
78) Di-n-butylphthalate	18.157	149	201459	3.63	ng/ul	99
80) Fluoranthene	19.239	202	268989	4.59	ng/ul	99
82) Pyrene	19.604	202	304995	4.80	ng/ul	98
83) Butylbenzylphthalate	20.503	149	67671	3.69	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.327	252	53734	2.98	ng/ul	97
85) Benzo(a)anthracene	21.403	228	270690	4.41	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.339	149	97210	3.37	ng/ul	100
87) Chrysene	21.462	228	256404	4.48	ng/ul	99
89) Di-n-octyl phthalate	22.480	149	131198	2.64	ng/ul	100
90) Benzo(b)fluoranthene	23.486	252	246071	4.32	ng/ul	99
91) Benzo(k)fluoranthene	23.544	252	236236	4.02	ng/ul	100
93) Benzo(a)pyrene	24.291	252	226590	4.29	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.821	276	282007	4.28	ng/ul	98
95) Dibenzo(a,h)anthracene	27.885	278	224700	4.19	ng/ul	98
96) Benzo(g,h,i)perylene	28.874	276	222610	4.40	ng/ul	96

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

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