

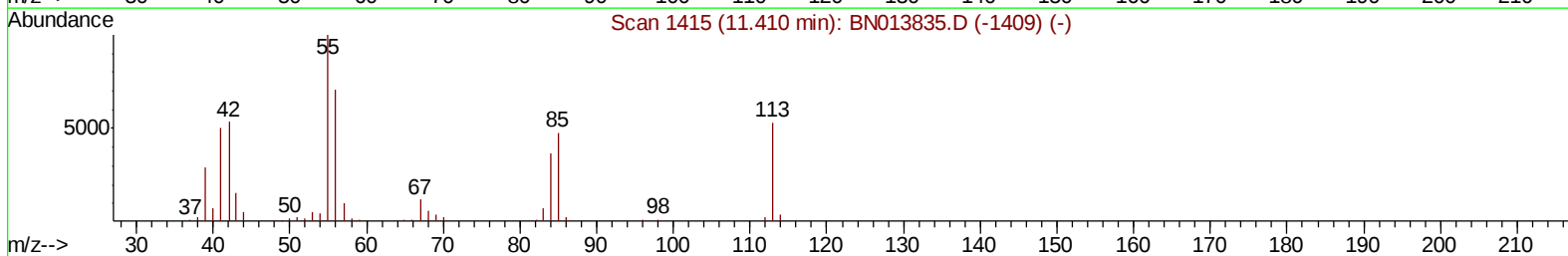
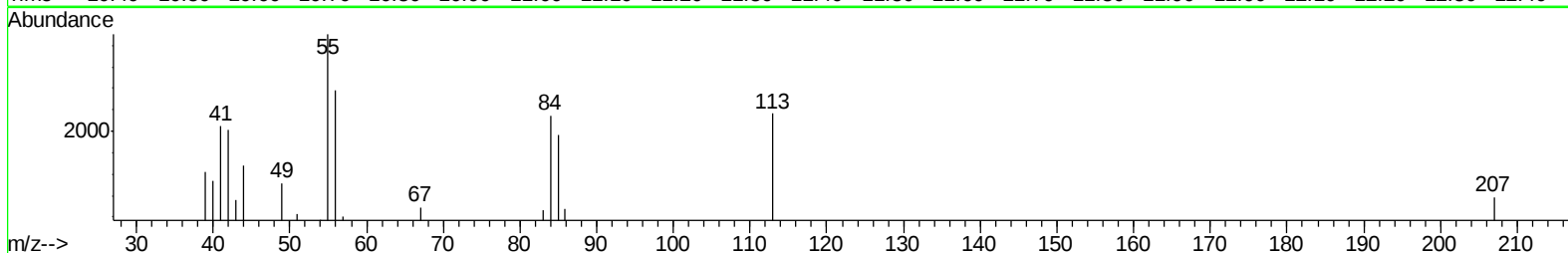
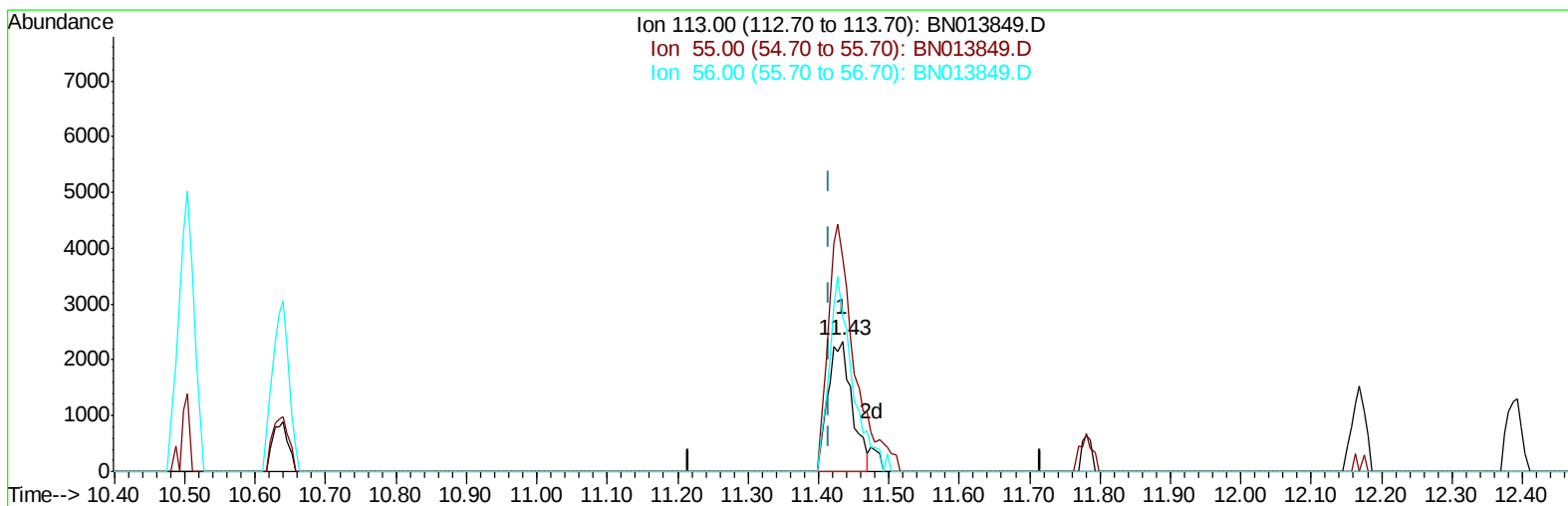
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN030421\
 Data File : BN013849.D
 Acq On : 05 Mar 2021 00:56
 Operator : CG/JU
 Sample : M1534-16
 Misc : SOM-MDLMES-02
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-ME-SOIL-02

Manual Integrations
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Quant Time: Mar 05 01:44:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030421MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 05 00:15:11 2021
 Response via : Initial Calibration



TIC: BN013849.D

(32) Caprolactam

11.434min (+0.018) 1.91ng/ul

response 5505

Ion	Exp%	Act%
113.00	100	100
55.00	182.00	163.23
56.00	129.10	118.19
0.00	0.00	0.00

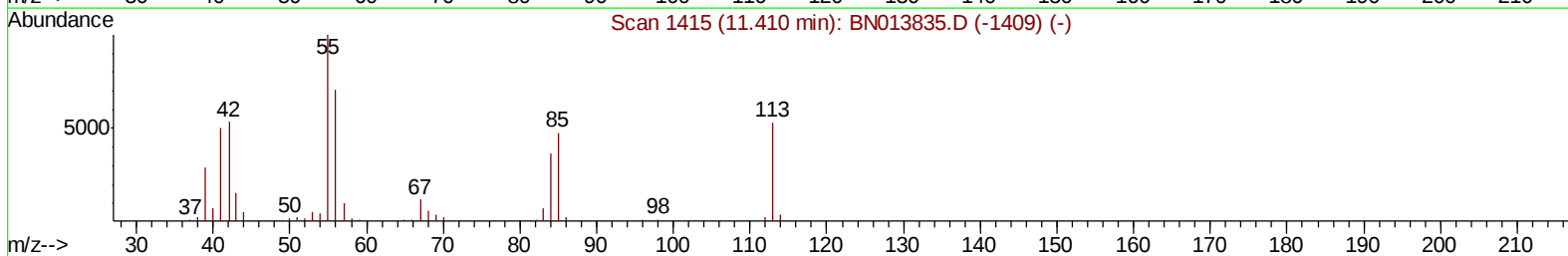
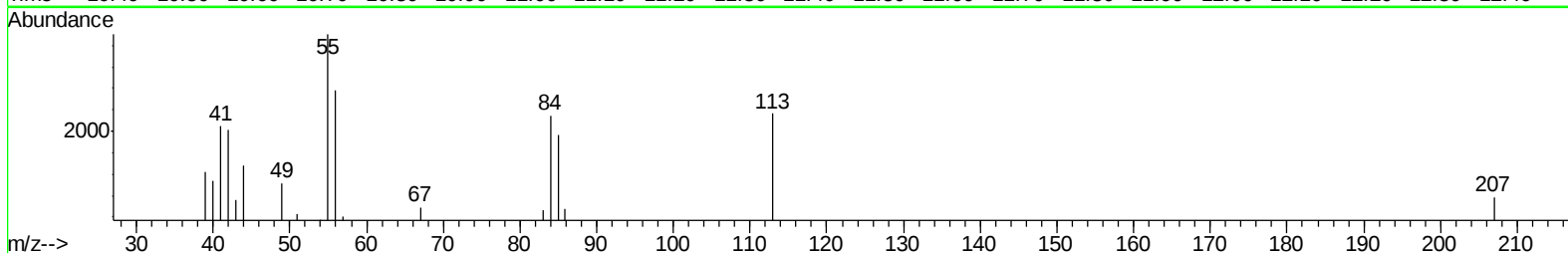
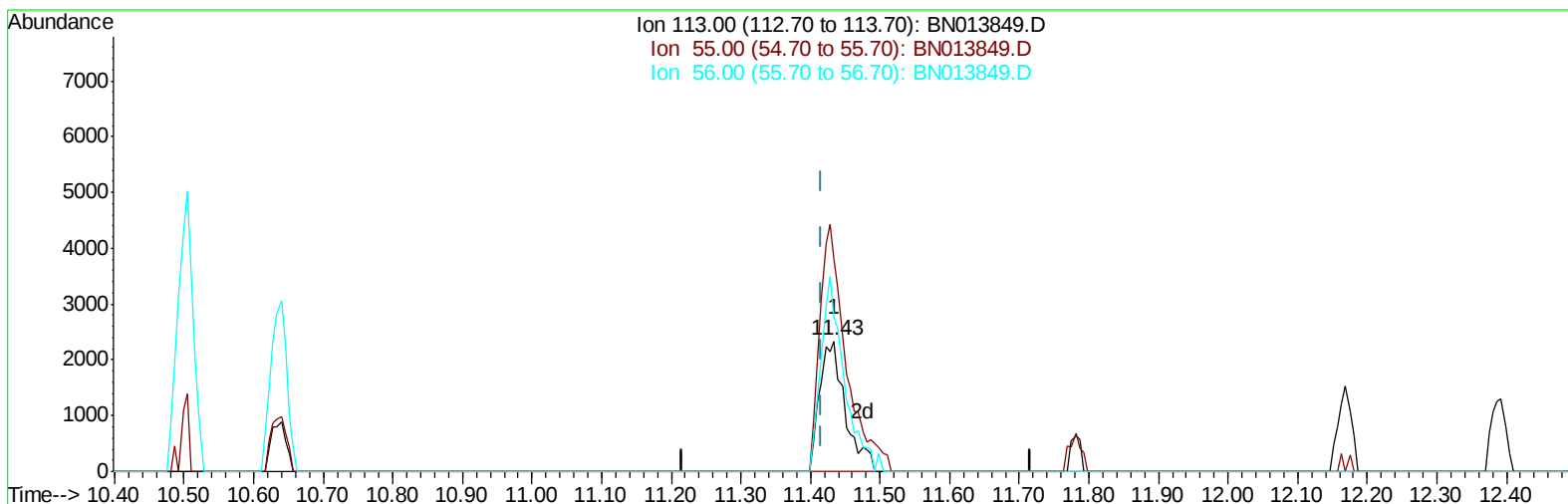
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(32) Caprolactam

11.434min (+0.018) 2.05ng/ul m

response 5912

Ion	Exp%	Act%
113.00	100	100
55.00	182.00	163.23
56.00	129.10	118.19
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	159022	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	662958	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	398091	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	813415	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	817585	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	829434	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	16288	4.07	ng/uL	0.00
5) Phenol-d5	6.89	99	425010	33.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	285239	35.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	342904	34.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	320328	32.89	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	157778	35.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	153635	36.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	301431	32.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	439212	38.31	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	935262	34.99	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	1189173	33.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	152174	30.35	ng/ul	0.00
58) Fluorene-d10	15.35	176	833699	35.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	102758	27.18	ng/ul	0.00
71) Anthracene-d10	17.20	188	1232599	34.67	ng/ul	0.00
79) Pyrene-d10	19.49	212	1382870	34.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	1452860	35.18	ng/ul	-0.01

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.25	88	3441	0.846	ng/uL#	86
4) Benzaldehyde	6.86	77	31187	4.818	ng/ul	98
6) Phenol	6.91	94	46939	3.405	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.15	93	38352	3.558	ng/ul	98
10) 2-Chlorophenol	7.29	128	37338	3.564	ng/ul	96
11) 2-Methylphenol	8.16	108	30990	3.117	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.25	45	58166	3.534	ng/ul	97
14) Acetophenone	8.53	105	55992	3.489	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.52	70	26021	3.268	ng/ul	96
16) 4-Methylphenol	8.48	108	36750	3.406	ng/ul	97
17) Hexachloroethane	8.79	117	15079	3.393	ng/ul	97
20) Nitrobenzene	8.91	77	43348	3.572	ng/ul	99
21) Isophorone	9.43	82	63343	2.977	ng/ul	99
23) 2-Nitrophenol	9.62	139	17721	3.574	ng/ul	95
24) 2,4-Dimethylphenol	9.68	107	38978	3.338	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.92	93	47195	3.322	ng/ul	99
27) 2,4-Dichlorophenol	10.15	162	32935	3.457	ng/ul#	86
28) Naphthalene	10.55	128	123851	3.604	ng/ul	99
30) 4-Chloroaniline	10.66	127	48915	4.107	ng/ul	100
31) Hexachlorobutadiene	10.84	225	21002	3.462	ng/ul	96
32) Caprolactam	11.43	113	5912m	2.050	ng/ul	
33) 4-Chloro-3-methylphenol	11.78	107	27256	2.807	ng/ul	97
34) 2-Methylnaphthalene	12.17	142	82092	3.496	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.39	142	79651	3.520	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.54	216	40874	3.410	ng/ul	98
38) Hexachlorocyclopentadiene	12.52	237	20490	2.871	ng/ul	96
39) 2,4,6-Trichlorophenol	12.78	196	18273	2.642	ng/ul	96
40) 2,4,5-Trichlorophenol	12.85	196	21725	2.863	ng/ul	92
41) 1,1'-Biphenyl	13.19	154	104669	3.497	ng/ul	99
42) 2-Chloronaphthalene	13.23	162	82227	3.514	ng/ul	97
43) 2-Nitroaniline	13.43	65	15557	2.564	ng/ul	97
45) Dimethylphthalate	13.82	163	97883	3.539	ng/ul	98
46) 2,6-Dinitrotoluene	13.93	165	12973	2.617	ng/ul	91
48) Acenaphthylene	14.07	152	122121	3.563	ng/ul	98
49) 3-Nitroaniline	14.26	138	14954	2.774	ng/ul#	93
50) Acenaphthene	14.42	153	88283	3.531	ng/ul	98
51) 2,4-Dinitrophenol	14.46	184	4620	1.771	ng/ul#	84
53) 4-Nitrophenol	14.56	109	13563	3.358	ng/ul	91
54) Dibenzofuran	14.76	168	120965	3.510	ng/ul	95
55) 2,4-Dinitrotoluene	14.72	165	20720	2.926	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.98	232	16735	2.857	ng/ul#	98
57) Diethylphthalate	15.19	149	89251	3.229	ng/ul	99
59) Fluorene	15.40	166	98566	3.514	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.40	204	48079	3.573	ng/ul	97
61) 4-Nitroaniline	15.42	138	16400	2.656	ng/ul	88
64) 4,6-Dinitro-2-methylphenol	15.47	198	12003	3.014	ng/ul#	71
65) N-Nitrosodiphenylamine	15.62	169	81282	3.470	ng/ul	98
66) 4-Bromophenyl-phenylether	16.30	248	26662	3.422	ng/ul	94
67) Hexachlorobenzene	16.40	284	32478	3.490	ng/ul	100
68) Atrazine	16.56	200	21098	2.606	ng/ul	92
69) Pentachlorophenol	16.75	266	10003	2.040	ng/ul	95
70) Phenanthrene	17.14	178	154407	3.504	ng/ul	98
72) Anthracene	17.23	178	158814	3.545	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	42257	3.548	ng/uL	99
74) Pentachlorobenzene	14.67	250	36878	3.286	ng/uL	98
75) Carbazole	17.50	167	126680	3.169	ng/ul	99
76) Di-n-butylphthalate	18.07	149	119482	2.672	ng/ul	100
77) Fluoranthene	19.16	202	161213	3.308	ng/ul	97
80) Pvrene	19.52	202	184924	3.513	ng/ul	99
81) Butylbenzylphthalate	20.43	149	39690	2.190	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.20	252	38685	2.521	ng/ul	99
83) Benzo(a)anthracene	21.26	228	171043	3.399	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.20	149	72310	2.384	ng/ul	98
85) Chrysene	21.31	228	172679	3.525	ng/ul	97
87) Di-n-octyl phthalate	22.08	149	101483	1.958	ng/ul	100
88) Benzo(b)fluoranthene	22.83	252	167159	3.317	ng/ul	95
89) Benzo(k)fluoranthene	22.88	252	167302	3.309	ng/ul	97
91) Benzo(a)pyrene	23.41	252	161590	3.538	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.74	276	185134	3.244	ng/ul	99
93) Dibenzo(a,h)anthracene	25.76	278	151763	3.118	ng/ul	100
94) Benzo(a,h,i)perylene	26.42	276	152726	3.186	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

