

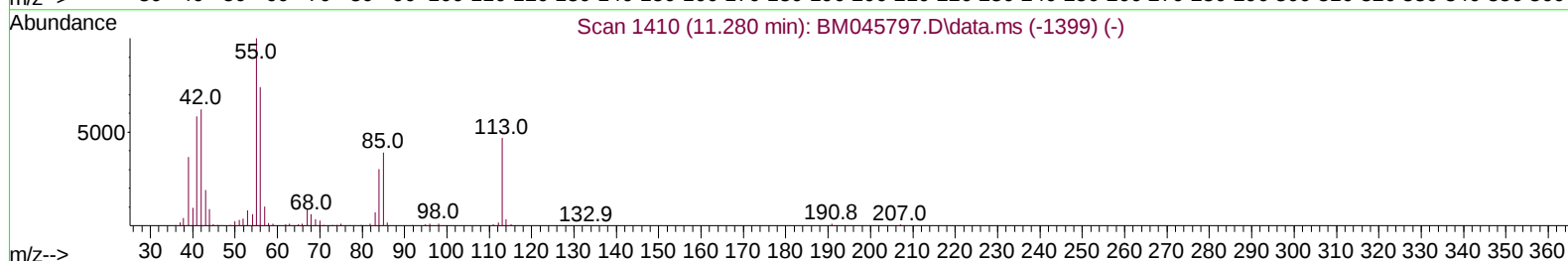
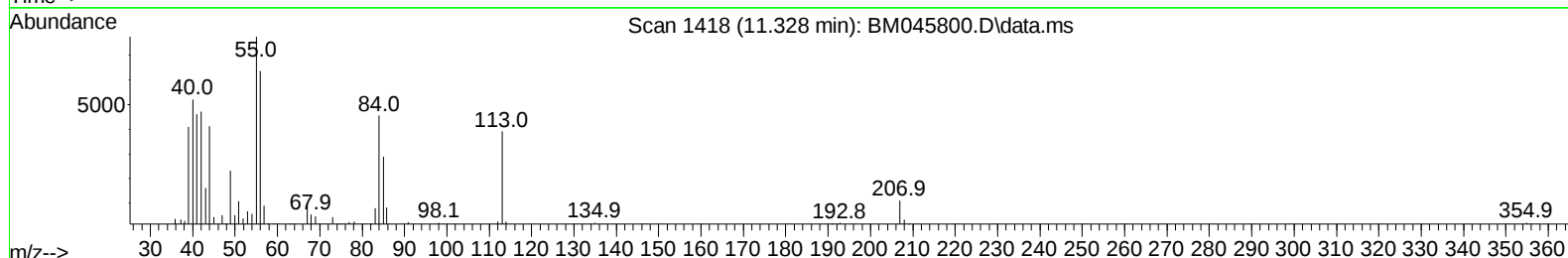
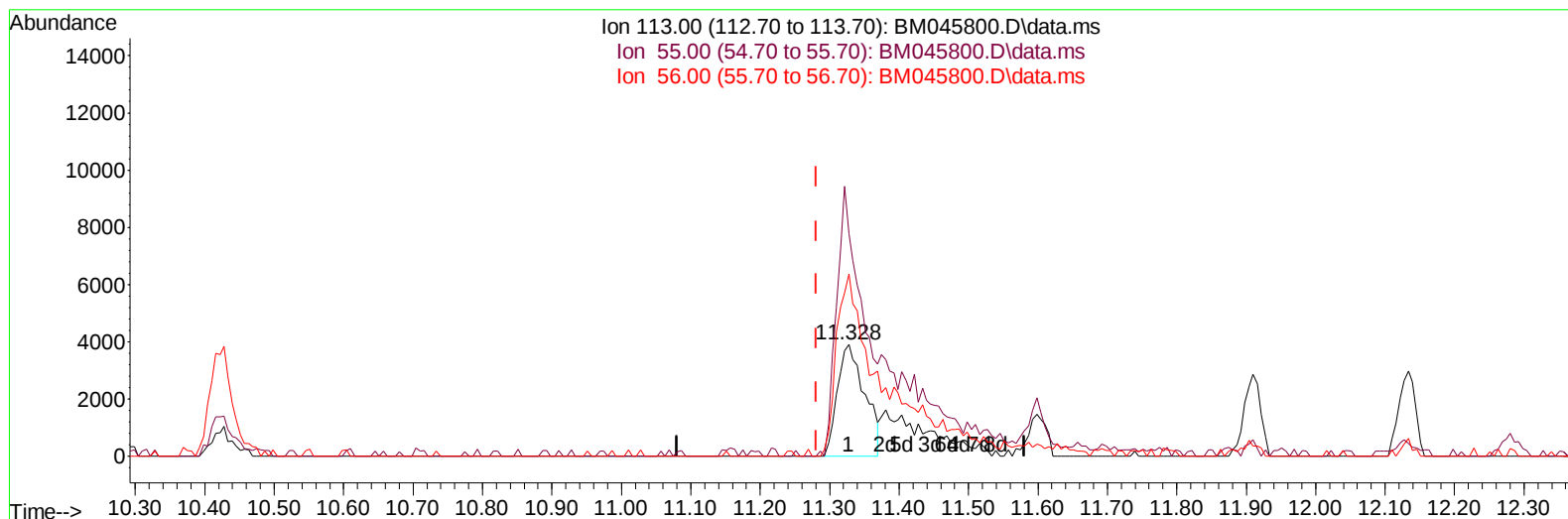
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060324\
Data File : BM045800.D
Acq On : 03 Jun 2024 11:34
Operator : MA/JU
Sample : P2409-03
Misc : SFAM-MDL-SOIL-01
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-03

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

Quant Time: Jun 03 12:55:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 13:01:11 2024
Response via : Initial Calibration



TIC: BM045800.D\data.ms

(34) Caprolactam

11.328min (+ 0.047) 2.61 ng/ul

response 10599

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.40	198.54
56.00	162.60	163.07
0.00	0.00	0.00

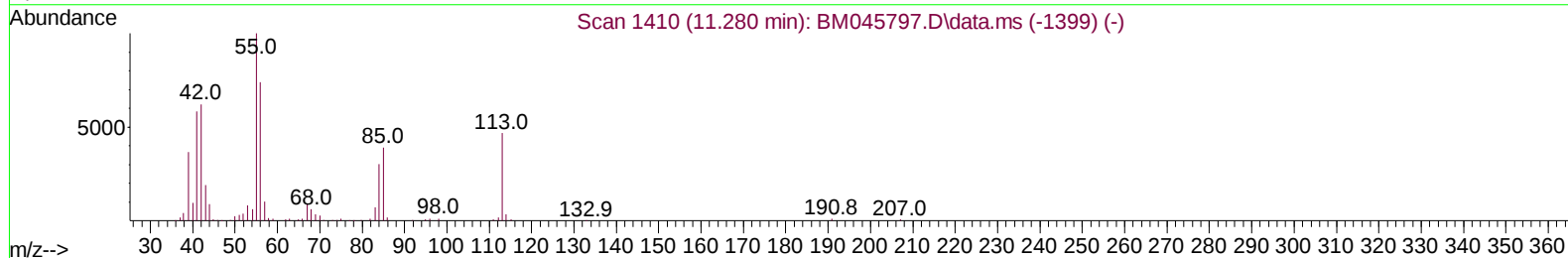
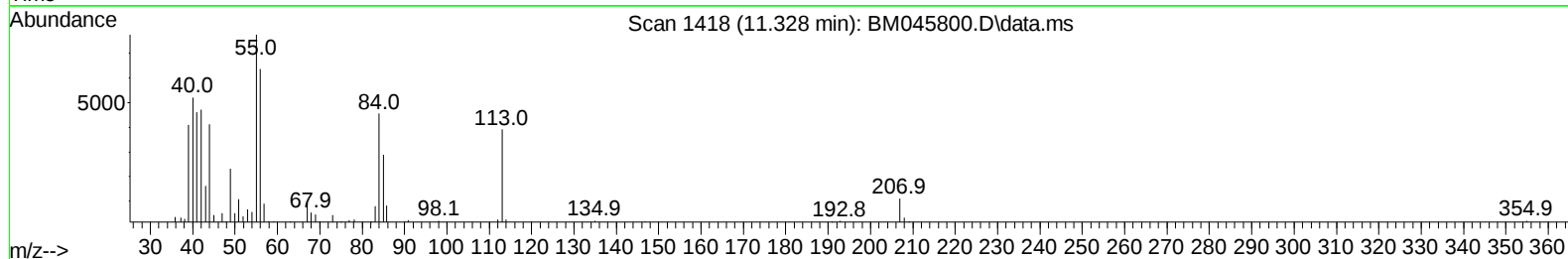
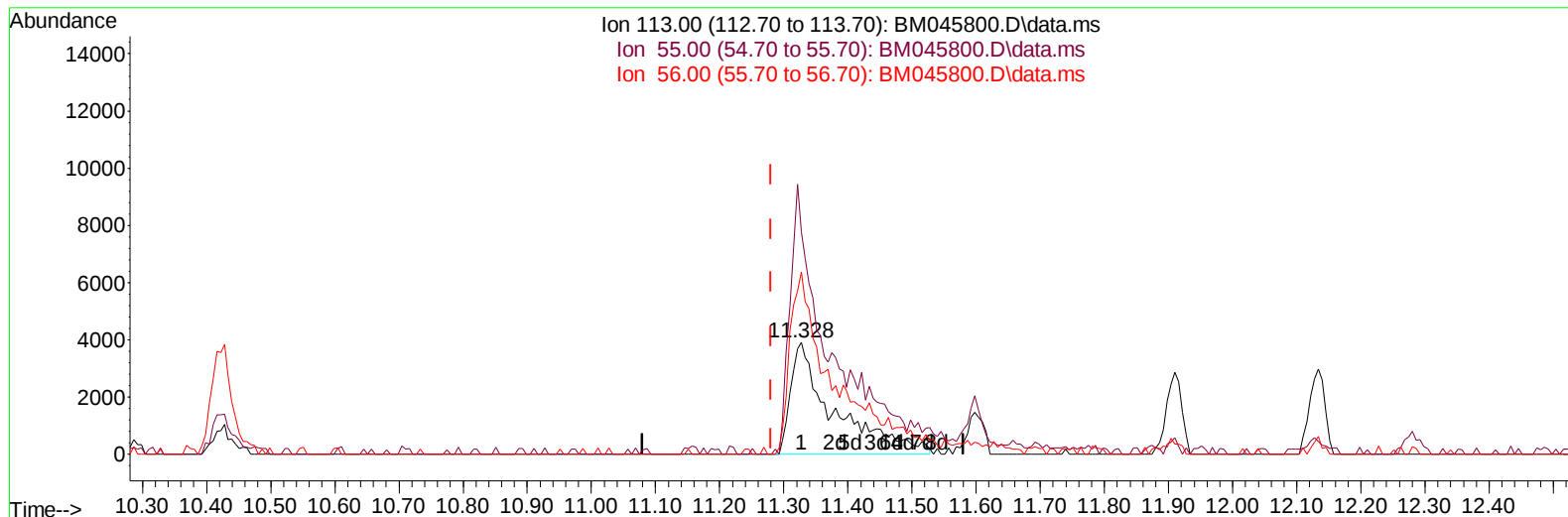
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TIC: BM045800.D\data.ms

(34) Caprolactam

11.328min (+ 0.047) 4.45 ng/ul m

response 18070

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.40	198.54
56.00	162.60	163.07
0.00	0.00	0.00

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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 31 13:01:11 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.469	152	245254	20.000	ng/ul	0.00
20) Naphthalene-d8	10.234	136	976221	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.110	164	582135	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.857	188	1168323	20.000	ng/ul	0.00
79) Chrysene-d12	21.068	240	950006	20.000	ng/ul	0.00
88) Perylene-d12	23.792	264	976709	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	31082	4.914	ng/uL	0.00
4) Pyridine-d5	3.469	84	383295	23.533	ng/ul	0.00
7) Phenol-d5	6.722	99	514476	24.693	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.834	67	372708	24.912	ng/ul	0.00
11) 2-Chlorophenol-d4	7.028	132	384537	24.708	ng/ul	0.00
15) 4-Methylphenol-d8	8.240	113	355779	22.602	ng/ul	0.00
21) Nitrobenzene-d5	8.634	128	193042	25.291	ng/ul	0.00
24) 2-Nitrophenol-d4	9.345	143	190099	24.608	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.892	165	343366	23.703	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	468915	23.389	ng/ul	0.00
46) Dimethylphthalate-d6	13.563	166	1010994	25.086	ng/ul	0.00
49) Acenaphthylene-d8	13.804	160	1144367	24.453	ng/ul	0.00
54) 4-Nitrophenol-d4	14.404	143	163557	18.805	ng/ul	0.00
60) Fluorene-d10	15.110	176	862013	25.072	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.245	200	113665	19.052	ng/ul	0.00
73) Anthracene-d10	16.957	188	1117828	22.009	ng/ul	0.00
81) Pyrene-d10	19.251	212	1389990	23.527	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.609	264	1140496	24.984	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.093	88	7839	1.120	ng/ul#	89
5) Pyridine	3.493	79	77855	4.654	ng/ul#	51
6) Benzaldehyde	6.640	77	67129	6.850	ng/ul	93
8) Phenol	6.746	94	98806	4.573	ng/ul	91
10) Bis(2-Chloroethyl)ether	6.928	93	84634	4.693	ng/ul	99
12) 2-Chlorophenol	7.063	128	74663	4.554	ng/ul	95
13) 2-Methylphenol	7.969	108	63766	4.030	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.010	45	174365	4.908	ng/ul	98
16) Acetophenone	8.310	105	122497	4.669	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.304	70	67736	4.673	ng/ul	99
18) 4-Methylphenol	8.298	108	73101	4.465	ng/ul	100
19) Hexachloroethane	8.534	117	36607	4.649	ng/ul	96
22) Nitrobenzene	8.675	77	103213	4.832	ng/ul	96
23) Isophorone	9.222	82	165052	4.373	ng/ul	99
25) 2-Nitrophenol	9.375	139	39499	4.678	ng/ul	99
26) 2,4-Dimethylphenol	9.487	107	37198	2.171	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.704	93	105681	4.612	ng/ul	98
29) 2,4-Dichlorophenol	9.922	162	68489	4.745	ng/ul	99
30) Naphthalene	10.287	128	247819	4.761	ng/ul	99
32) 4-Chloroaniline	10.445	127	90962	4.641	ng/ul	99
33) Hexachlorobutadiene	10.581	225	45675	4.620	ng/ul	98
34) Caprolactam	11.328	113	18070m	4.445	ng/ul	
35) 4-Chloro-3-methylphenol	11.598	107	65849	4.205	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.910	142	163062	4.730	ng/ul	97
37) 1-Methylnaphthalene	12.133	142	164714	4.779	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.281	216	80724	4.630	ng/ul	96
40) Hexachlorocyclopentadiene	12.269	237	35293	3.335	ng/ul	98
41) 2,4,6-Trichlorophenol	12.557	196	39795	3.923	ng/ul#	94
42) 2,4,5-Trichlorophenol	12.633	196	44959	4.084	ng/ul	97
43) 1,1'-Biphenyl	12.945	154	205382	4.755	ng/ul	98
44) 2-Chloronaphthalene	12.980	162	161361	4.768	ng/ul	99
45) 2-Nitroaniline	13.227	65	49165	4.254	ng/ul	98
47) Dimethylphthalate	13.610	163	194497	4.753	ng/ul	99
48) 2,6-Dinitrotoluene	13.716	165	31903	4.052	ng/ul#	84
50) Acenaphthylene	13.833	152	256573	4.737	ng/ul	99
51) 3-Nitroaniline	14.069	138	29393	4.066	ng/ul	95
52) Acenaphthene	14.174	153	172677	4.777	ng/ul	98
53) 2,4-Dinitrophenol	14.251	184	20254	5.650	ng/ul	93
55) 4-Nitrophenol	14.422	109	36812	5.130	ng/ul	96
56) Dibenzofuran	14.516	168	232715	4.774	ng/ul	99
57) 2,4-Dinitrotoluene	14.504	165	49333	4.530	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	14.763	232	34325	4.127	ng/ul	93
59) Diethylphthalate	14.980	149	194347	4.743	ng/ul	99
61) Fluorene	15.163	166	189886	4.835	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.174	204	94822	4.864	ng/ul	99
63) 4-Nitroaniline	15.239	138	28884	4.812	ng/ul#	53
66) 4,6-Dinitro-2-methylph...	15.263	198	28249	4.314	ng/ul#	77
67) N-Nitrosodiphenylamine	15.392	169	146338	4.420	ng/ul	98
68) 4-Bromophenyl-phenylether	16.063	248	53563	4.397	ng/ul	98
69) Hexachlorobenzene	16.163	284	60935	4.523	ng/ul	98
70) Atrazine	16.368	200	53748	5.356	ng/ul	97
71) Pentachlorophenol	16.533	266	49112	7.185	ng/ul	94
72) Phenanthrene	16.898	178	288339	4.684	ng/ul	99
74) Anthracene	16.986	178	256523	4.172	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.904	216	76268	4.209	ng/uL	96
76) Pentachlorobenzene	14.433	250	79695	4.703	ng/uL	93
77) Carbazole	17.280	167	238492	4.546	ng/ul	98
78) Di-n-butylphthalate	17.851	149	303383	4.397	ng/ul	98
80) Fluoranthene	18.921	202	316783	4.423	ng/ul	99
82) Pyrene	19.280	202	333436	4.531	ng/ul	98
83) Butylbenzylphthalate	20.215	149	120929	4.032	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.003	252	59384	3.165	ng/ul	95
85) Benzo(a)anthracene	21.051	228	296825	4.525	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.009	149	181196	4.067	ng/ul	100
87) Chrysene	21.109	228	280972	4.630	ng/ul	100
89) Di-n-octyl phthalate	22.039	149	290411	3.888	ng/ul	100
90) Benzo(b)fluoranthene	22.939	252	271752	4.527	ng/ul	100
91) Benzo(k)fluoranthene	22.992	252	274869	4.688	ng/ul	96
93) Benzo(a)pyrene	23.662	252	236331	4.481	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.785	276	263466	4.574	ng/ul	100
95) Dibenzo(a,h)anthracene	26.838	278	207196	4.548	ng/ul	98
96) Benzo(g,h,i)perylene	27.721	276	241682	4.764	ng/ul	97

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

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BNA_M

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