

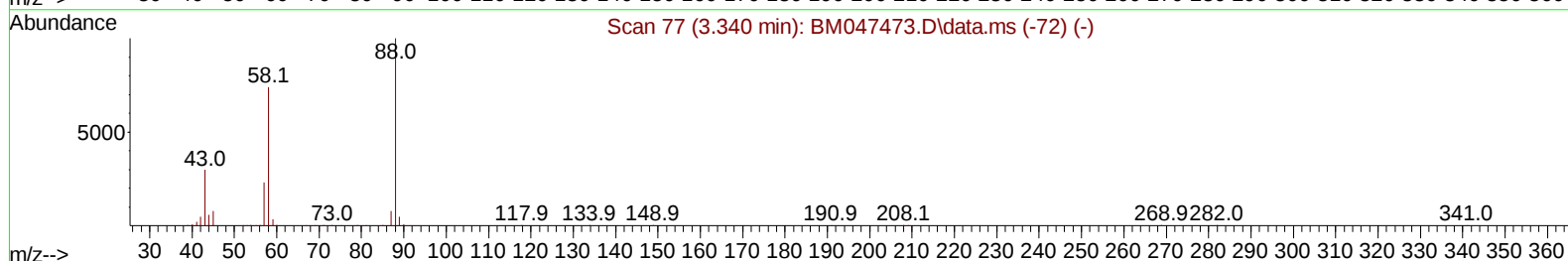
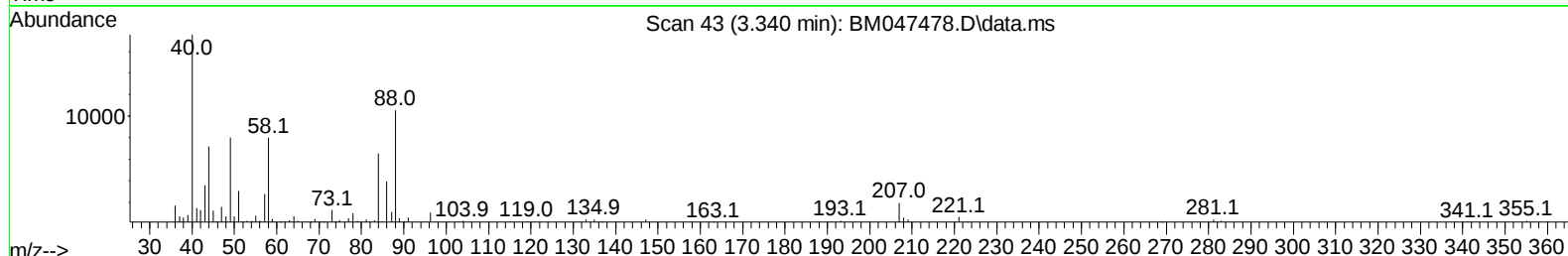
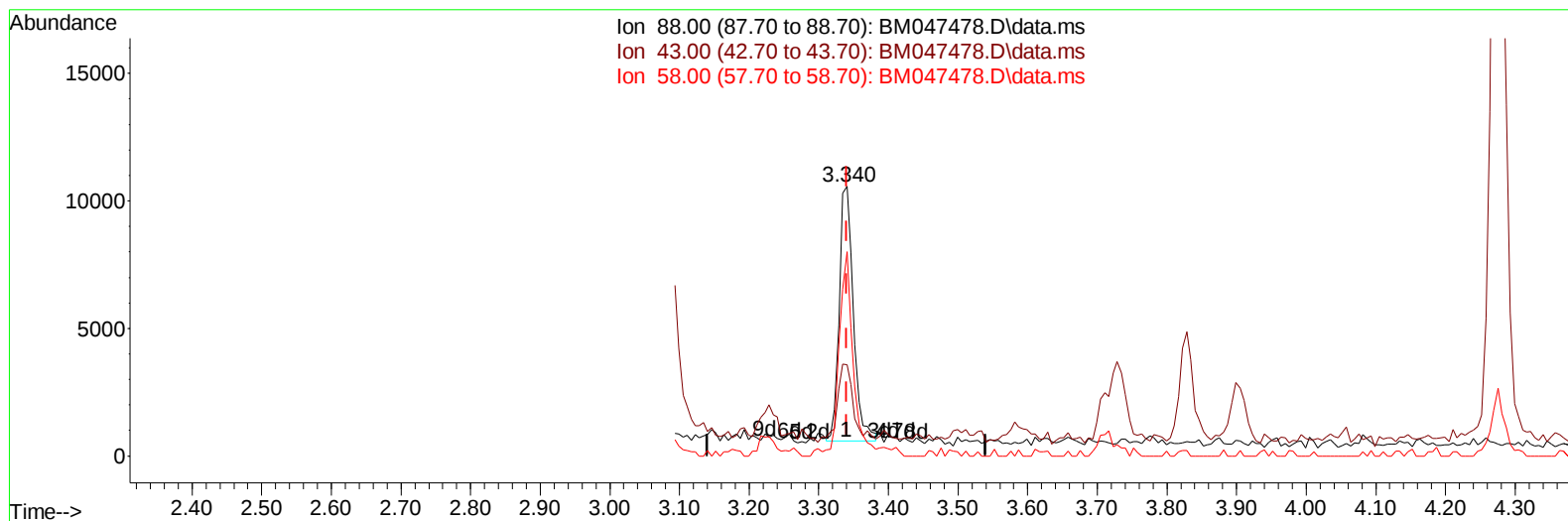
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091124\
 Data File : BM047478.D
 Acq On : 11 Sep 2024 12:31
 Operator : RC/JU
 Sample : P3391-05
 Misc : SFAM-MDL-Q3-ME SOIL-01
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MED-SOIL-QT3-2024-05

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024

Quant Time: Sep 11 13:17:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 11 00:35:12 2024
 Response via : Initial Calibration



TIC: BM047478.D\data.ms

(2) 1,4-Dioxane

3.340min (+ 0.000) 1.22 ng/uL

response 14173

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	30.10	33.84
58.00	71.20	75.83
0.00	0.00	0.00

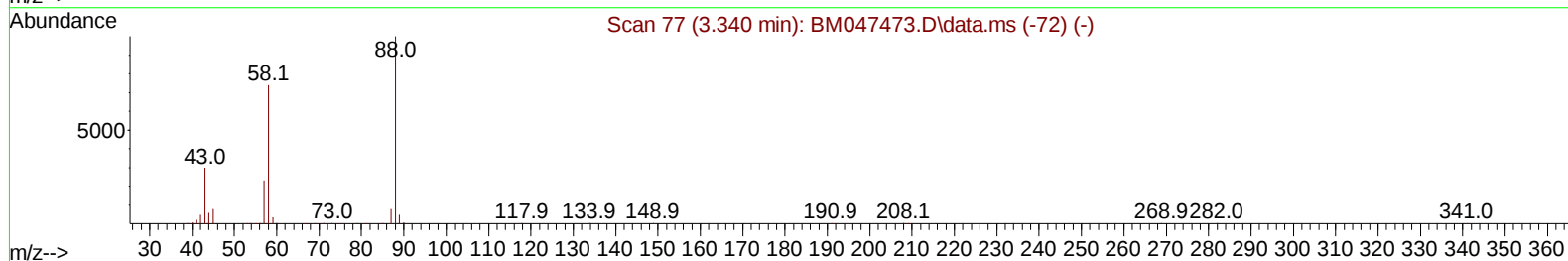
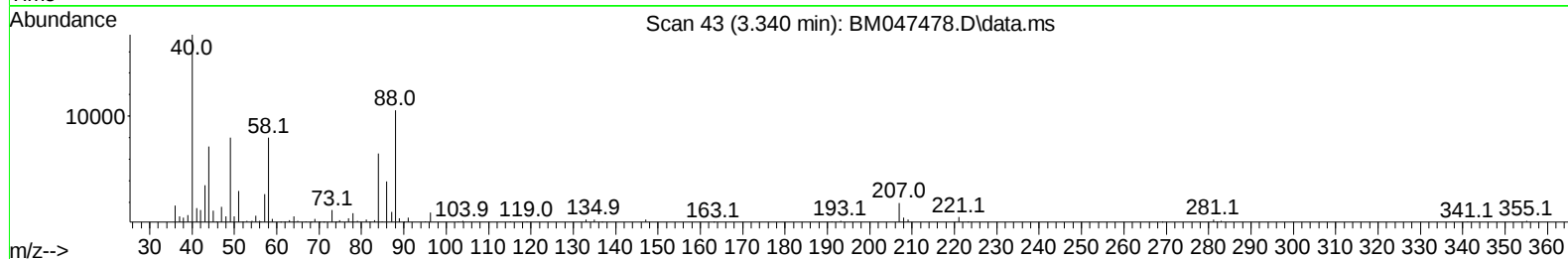
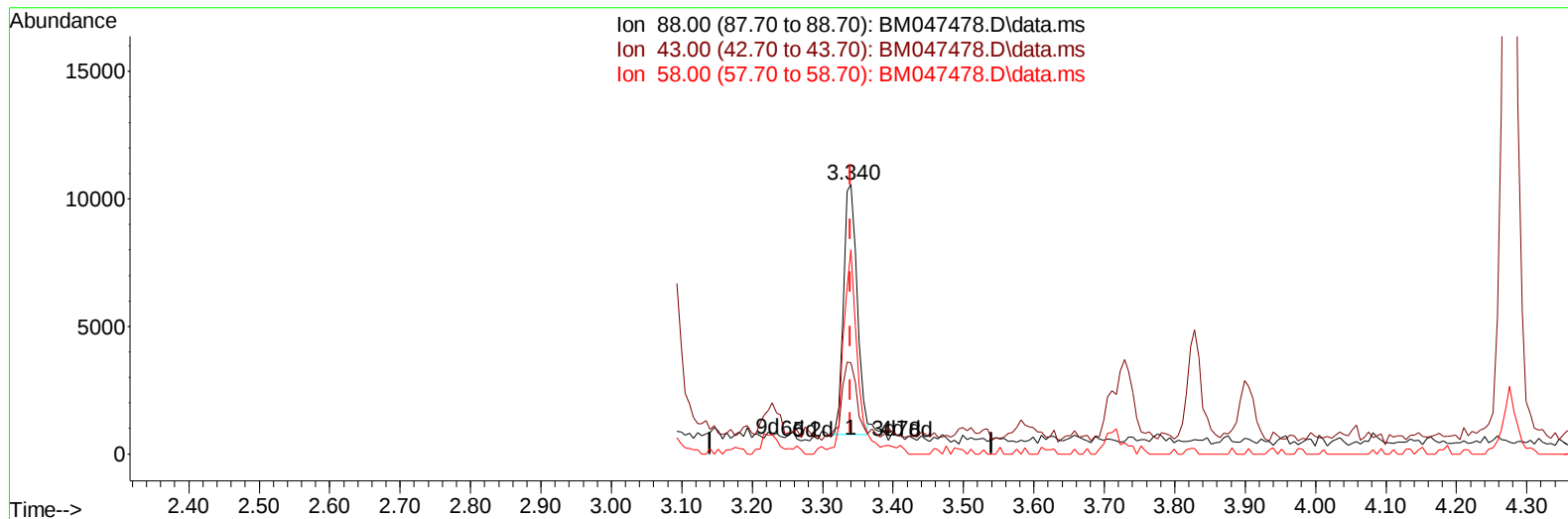
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(2) 1,4-Dioxane

3.340min (+ 0.000) 1.14 ng/uL m

response 13186

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	30.10	33.84
58.00	71.20	75.83
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	7.869	152	432521	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	1959335	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	1219459	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	2491653	20.000	ng/ul	0.00
79) Chrysene-d12	21.463	240	2110619	20.000	ng/ul	0.00
88) Perylene-d12	24.509	264	1863109	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	53414	4.980	ng/uL	0.00
4) Pyridine-d5	3.711	84	810008	23.641	ng/ul	0.00
7) Phenol-d5	7.022	99	890458	21.963	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	591658	23.445	ng/ul	0.00
11) 2-Chlorophenol-d4	7.399	132	693747	22.467	ng/ul	0.00
15) 4-Methylphenol-d8	8.563	113	646735	20.294	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	357675	23.638	ng/ul	0.00
24) 2-Nitrophenol-d4	9.746	143	333925	23.360	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	617493	21.245	ng/ul	0.00
31) 4-Chloroaniline-d4	10.793	131	973029	20.455	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	2009474	22.419	ng/ul	0.00
49) Acenaphthylene-d8	14.192	160	2395177	22.145	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	375618	21.151	ng/ul	0.00
60) Fluorene-d10	15.486	176	1782210	23.010	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	235490	17.878	ng/ul	0.00
73) Anthracene-d10	17.333	188	2298041	19.153	ng/ul	0.00
81) Pyrene-d10	19.616	212	2909660	23.654	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.304	264	2309174	23.324	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	13186m	1.139	ng/uL	
5) Pyridine	3.734	79	166647	4.711	ng/ul	89
6) Benzaldehyde	7.005	77	118052	5.501	ng/ul	100
8) Phenol	7.046	94	182825	4.380	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.287	93	161242	4.885	ng/ul	96
12) 2-Chlorophenol	7.428	128	148552	4.645	ng/ul	99
13) 2-Methylphenol	8.299	108	121800	3.877	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.399	45	241949	5.002	ng/ul	99
16) Acetophenone	8.687	105	241692	4.713	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.675	70	130485	4.794	ng/ul	94
18) 4-Methylphenol	8.628	108	142418	4.152	ng/ul	93
19) Hexachloroethane	8.958	117	67213	4.891	ng/ul	94
22) Nitrobenzene	9.063	77	187889	4.969	ng/ul	99
23) Isophorone	9.593	82	349049	4.629	ng/ul	97
25) 2-Nitrophenol	9.775	139	76985	4.658	ng/ul	98
26) 2,4-Dimethylphenol	9.834	107	70866	1.994	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.075	93	218866	4.797	ng/ul	98
29) 2,4-Dichlorophenol	10.304	162	129629	4.399	ng/ul	93
30) Naphthalene	10.716	128	505368	4.682	ng/ul	100
32) 4-Chloroaniline	10.816	127	204893	4.378	ng/ul	99
33) Hexachlorobutadiene	11.010	225	83127	4.730	ng/ul	97
34) Caprolactam	11.581	113	74301	6.546	ng/ul	89
35) 4-Chloro-3-methylphenol	11.934	107	134334	4.048	ng/ul	98

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 Supervised By :mohammad ahmed 09/13/2024

Quant Time: Sep 11 13:17:24 2024
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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.328	142	332799	4.485	ng/ul	98
37) 1-Methylnaphthalene	12.546	142	340229	4.538	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.693	216	157127	4.340	ng/ul	98
40) Hexachlorocyclopentadiene	12.681	237	114863	4.615	ng/ul	99
41) 2,4,6-Trichlorophenol	12.928	196	87086	3.920	ng/ul	100
42) 2,4,5-Trichlorophenol	12.993	196	97756	4.049	ng/ul	99
43) 1,1'-Biphenyl	13.334	154	429873	4.472	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	335424	4.550	ng/ul	99
45) 2-Nitroaniline	13.563	65	94208	4.393	ng/ul	92
47) Dimethylphthalate	13.951	163	422648	4.642	ng/ul	99
48) 2,6-Dinitrotoluene	14.063	165	69883	4.206	ng/ul	91
50) Acenaphthylene	14.216	152	560949	4.798	ng/ul	99
51) 3-Nitroaniline	14.381	138	72819	3.754	ng/ul	100
52) Acenaphthene	14.563	153	376146	4.528	ng/ul	100
53) 2,4-Dinitrophenol	14.587	184	52115	5.701	ng/ul	99
55) 4-Nitrophenol	14.681	109	71498	4.782	ng/ul	95
56) Dibenzofuran	14.892	168	492459	4.561	ng/ul	99
57) 2,4-Dinitrotoluene	14.845	165	103027	4.306	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.116	232	73972	3.981	ng/ul	95
59) Diethylphthalate	15.316	149	433050	4.496	ng/ul	99
61) Fluorene	15.539	166	426935	4.531	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.539	204	198546	4.551	ng/ul	99
63) 4-Nitroaniline	15.539	138	75607	3.939	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.604	198	59672	4.008	ng/ul#	90
67) N-Nitrosodiphenylamine	15.745	169	327783	4.232	ng/ul	99
68) 4-Bromophenyl-phenylether	16.428	248	108383	4.204	ng/ul	96
69) Hexachlorobenzene	16.545	284	125256	4.252	ng/ul	97
70) Atrazine	16.692	200	108356	3.982	ng/ul	97
71) Pentachlorophenol	16.881	266	100550	5.424	ng/ul	99
72) Phenanthrene	17.275	178	622494	4.379	ng/ul	99
74) Anthracene	17.363	178	565651	3.930	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.298	216	150489	4.153	ng/uL	98
76) Pentachlorobenzene	14.816	250	159645	4.461	ng/uL	99
77) Carbazole	17.628	167	545979	4.149	ng/ul	99
78) Di-n-butylphthalate	18.204	149	706528	4.164	ng/ul	99
80) Fluoranthene	19.280	202	651630	4.495	ng/ul	99
82) Pyrene	19.645	202	723380	4.681	ng/ul	99
83) Butylbenzylphthalate	20.545	149	275173	3.901	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.363	252	169896	3.405	ng/ul	96
85) Benzo(a)anthracene	21.445	228	657472	4.361	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.386	149	418310	3.911	ng/ul	98
87) Chrysene	21.504	228	606506	4.360	ng/ul	98
89) Di-n-octyl phthalate	22.545	149	621639	4.177	ng/ul	100
90) Benzo(b)fluoranthene	23.539	252	556642	4.654	ng/ul	99
91) Benzo(k)fluoranthene	23.604	252	560930	4.775	ng/ul	99
93) Benzo(a)pyrene	24.362	252	519143	4.725	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.945	276	526695	3.909	ng/ul	99
95) Dibenzo(a,h)anthracene	28.009	278	447911	4.083	ng/ul	98
96) Benzo(g,h,i)perylene	29.015	276	418078	4.062	ng/ul	98

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

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT3-2024-05

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
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