

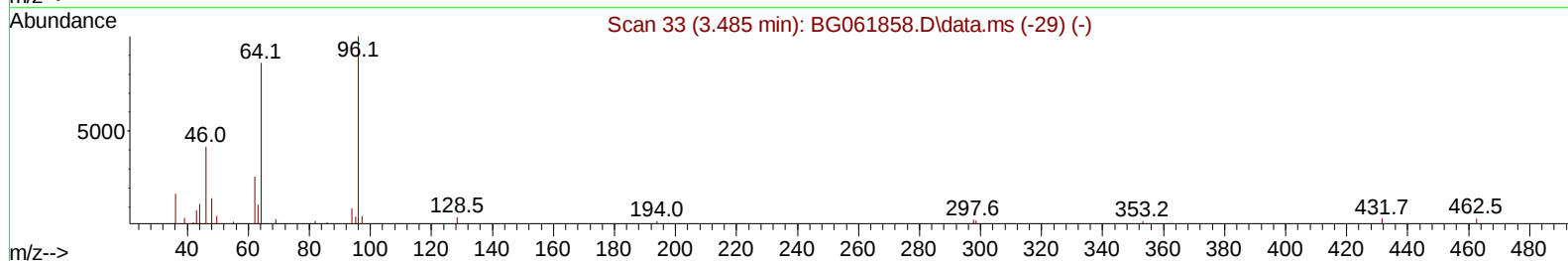
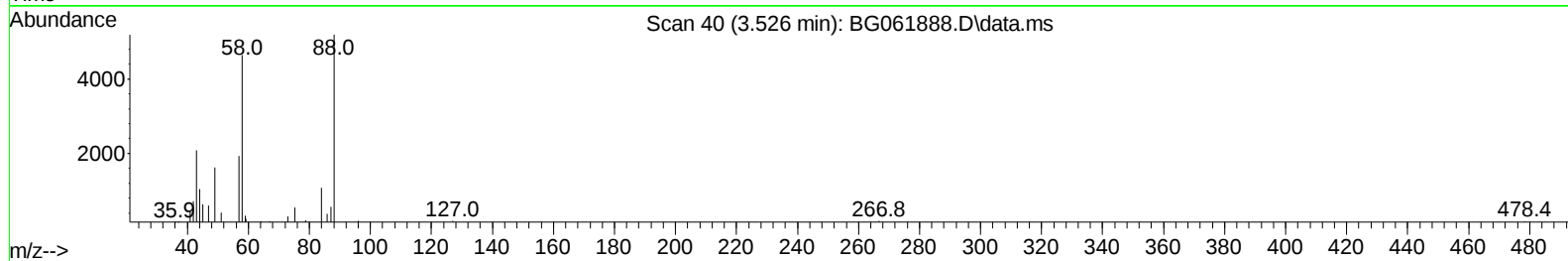
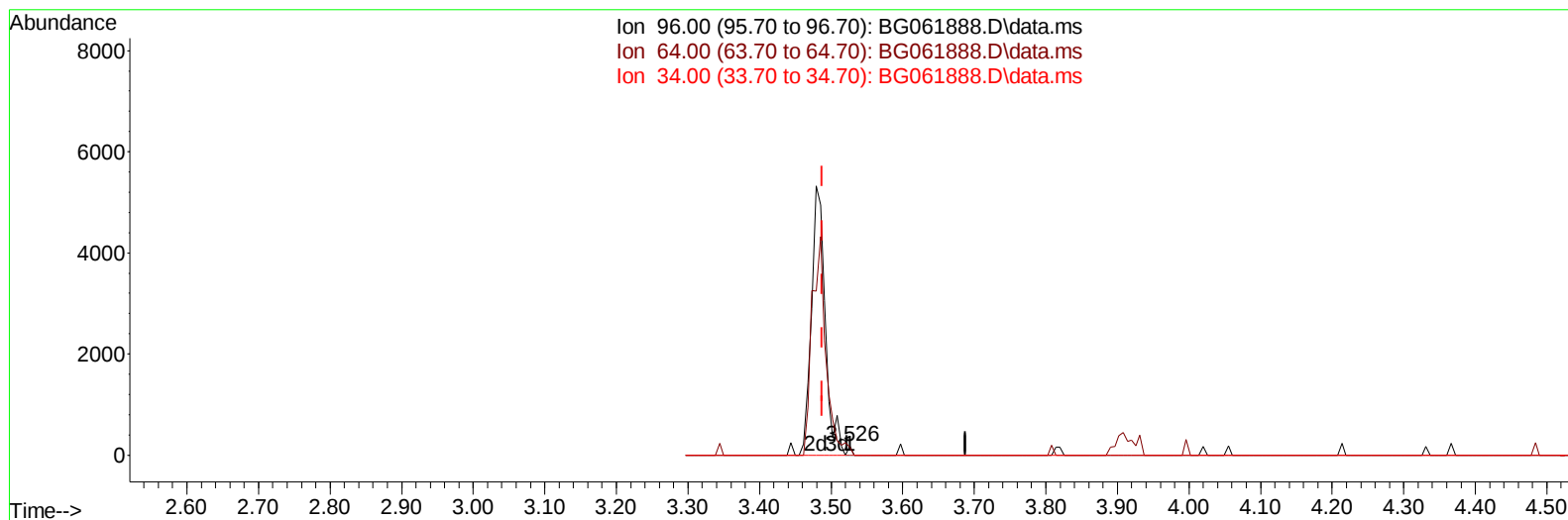
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070324\
 Data File : BG061888.D
 Acq On : 4 Jul 2024 7:45
 Operator : MA/JU
 Sample : PB161650BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS650

Manual IntegrationsAPPROVED

Quant Time: Jul 04 08:18:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 02:38:46 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024



TIC: BG061888.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.526min (+ 0.038) 0.06 ng/uL

response 66

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	104.80	83.87
34.00	0.00	0.00
0.00	0.00	0.00

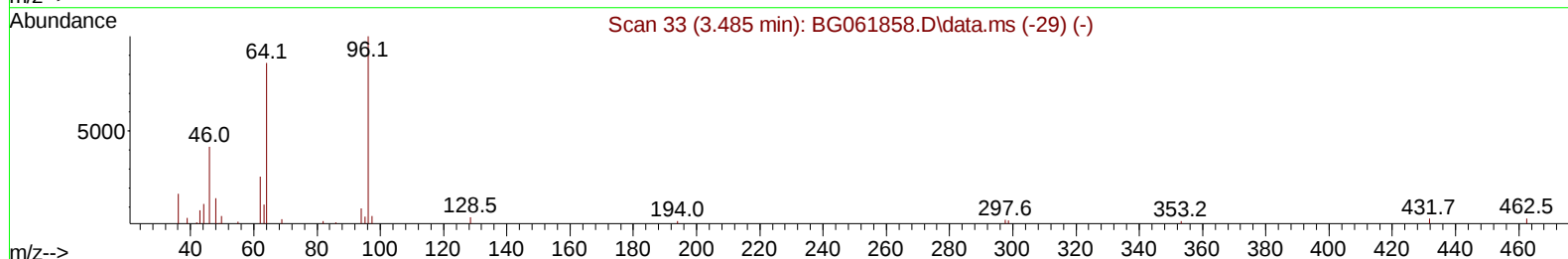
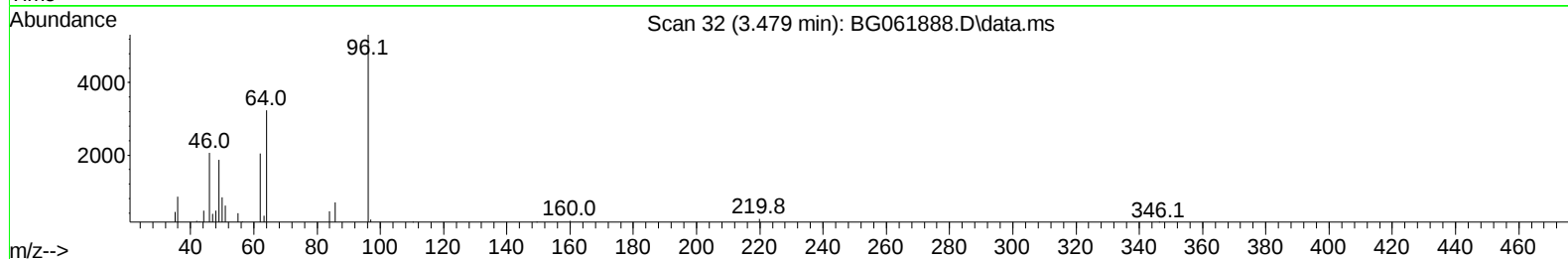
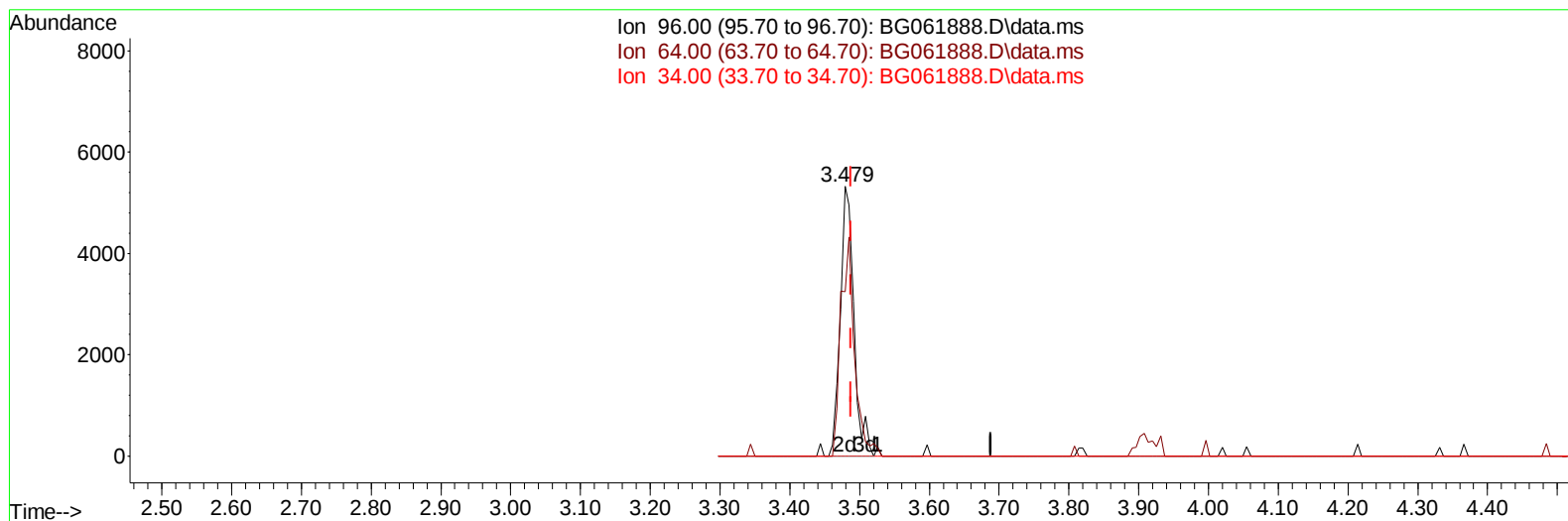
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TIC: BG061888.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.479min (-0.009) 6.46 ng/uL m

response 7131

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	104.80	60.92#
34.00	0.00	0.00
0.00	0.00	0.00

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Quant Time: Jul 04 08:19:00 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	41476	20.000	ng/ul	0.00
20) Naphthalene-d8	10.912	136	201128	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.719	164	161777	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	390500	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.722	240	346044	20.000	ng/ul	0.00
88) Perylene-d12	24.960	264	412781	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.479	96	7131m	6.461	ng/uL	0.00
4) Pyridine-d5	3.902	84	87155	25.681	ng/ul	0.00
7) Phenol-d5	7.245	99	134502	29.633	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	80253	27.920	ng/ul	0.00
11) 2-Chlorophenol-d4	7.627	132	90068	28.928	ng/ul	0.00
15) 4-Methylphenol-d8	8.796	113	107342	30.036	ng/ul	0.00
21) Nitrobenzene-d5	9.261	128	48488	31.699	ng/ul	0.00
24) 2-Nitrophenol-d4	9.983	143	61015	34.929	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.524	165	113462	33.675	ng/ul	0.00
31) 4-Chloroaniline-d4	11.041	131	128540	26.277	ng/ul	0.00
46) Dimethylphthalate-d6	14.120	166	390953	29.394	ng/ul	0.00
49) Acenaphthylene-d8	14.413	160	423160	30.427	ng/ul	0.00
54) 4-Nitrophenol-d4	14.913	143	70326	33.110	ng/ul	0.00
60) Fluorene-d10	15.706	176	354791	31.687	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.823	200	70389	34.322	ng/ul	0.00
73) Anthracene-d10	17.557	188	556852	30.543	ng/ul	0.00
81) Pyrene-d10	19.836	212	632227	31.062	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.742	264	667936	32.627	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.520	88	12164	9.985	ng/uL	93
5) Pyridine	3.920	79	89680	25.767	ng/ul	98
6) Benzaldehyde	7.234	77	67813	28.229	ng/ul	94
8) Phenol	7.275	94	137716	29.635	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.510	93	95904	26.864	ng/ul	93
12) 2-Chlorophenol	7.657	128	96060	30.284	ng/ul	89
13) 2-Methylphenol	8.532	108	100406	30.272	ng/ul	87
14) 2,2'-oxybis(1-Chloropr...	8.620	45	206639	26.494	ng/ul#	98
16) Acetophenone	8.920	105	171256	29.010	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.902	70	93567	28.312	ng/ul	94
18) 4-Methylphenol	8.861	108	111533	30.027	ng/ul	97
19) Hexachloroethane	9.178	117	40199	29.214	ng/ul#	72
22) Nitrobenzene	9.302	77	143984	33.160	ng/ul	97
23) Isophorone	9.825	82	281476	28.694	ng/ul#	98
25) 2-Nitrophenol	10.019	139	58424	32.796	ng/ul	92
26) 2,4-Dimethylphenol	10.066	107	113919	26.720	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.306	93	148019	27.401	ng/ul	97
29) 2,4-Dichlorophenol	10.553	162	106023	33.499	ng/ul	98
30) Naphthalene	10.959	128	343244	31.068	ng/ul	98
32) 4-Chloroaniline	11.064	127	126824	26.422	ng/ul	96
33) Hexachlorobutadiene	11.229	225	74595	31.320	ng/ul	95
34) Caprolactam	11.816	113	43059m	34.725	ng/ul	
35) 4-Chloro-3-methylphenol	12.181	107	146733	34.810	ng/ul	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.557	142	257632	32.188	ng/ul	97
37) 1-Methylnaphthalene	12.774	142	260897	31.366	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.915	216	147935	30.451	ng/ul	98
40) Hexachlorocyclopentadiene	12.892	237	68830	21.283	ng/ul	98
41) 2,4,6-Trichlorophenol	13.156	196	92306	28.606	ng/ul	97
42) 2,4,5-Trichlorophenol	13.227	196	108615	30.642	ng/ul	92
43) 1,1'-Biphenyl	13.556	154	369076	29.609	ng/ul	99
44) 2-Chloronaphthalene	13.603	162	273298	29.214	ng/ul	91
45) 2-Nitroaniline	13.802	65	124145	33.138	ng/ul	96
47) Dimethylphthalate	14.167	163	377617	29.518	ng/ul	99
48) 2,6-Dinitrotoluene	14.290	165	81198	33.458	ng/ul	95
50) Acenaphthylene	14.443	152	447365	29.309	ng/ul	98
51) 3-Nitroaniline	14.619	138	78353	33.167	ng/ul	98
52) Acenaphthene	14.784	153	310727	29.481	ng/ul	98
53) 2,4-Dinitrophenol	14.825	184	49564	39.091	ng/ul	97
55) 4-Nitrophenol	14.930	109	87825	36.229	ng/ul	87
56) Dibenzofuran	15.113	168	448606	30.115	ng/ul	92
57) 2,4-Dinitrotoluene	15.077	165	125876	35.367	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.336	232	88826	27.751	ng/ul#	94
59) Diethylphthalate	15.530	149	407922	29.590	ng/ul	99
61) Fluorene	15.765	166	387190	30.564	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.753	204	194190	30.517	ng/ul	91
63) 4-Nitroaniline	15.782	138	84453	35.232	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.835	198	76654	34.730	ng/ul	92
67) N-Nitrosodiphenylamine	15.964	169	325067	30.482	ng/ul	98
68) 4-Bromophenyl-phenylether	16.646	248	139499	31.489	ng/ul	97
69) Hexachlorobenzene	16.758	284	166691	32.722	ng/ul	96
70) Atrazine	16.905	200	38645	9.180	ng/ul#	93
71) Pentachlorophenol	17.104	266	72959	26.056	ng/ul	91
72) Phenanthrene	17.504	178	628219	30.510	ng/ul	99
74) Anthracene	17.592	178	634623	29.824	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.520	216	157155	32.403	ng/ul	97
76) Pentachlorobenzene	15.030	250	172808	31.240	ng/ul	95
77) Carbazole	17.862	167	571958	31.939	ng/ul	99
78) Di-n-butylphthalate	18.409	149	700849	30.483	ng/ul	99
80) Fluoranthene	19.502	202	737137	30.602	ng/ul#	96
82) Pyrene	19.866	202	770508	30.967	ng/ul#	94
83) Butylbenzylphthalate	20.741	149	313613	30.032	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.617	252	268131	32.570	ng/ul	91
85) Benzo(a)anthracene	21.699	228	785139	31.337	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.599	149	443664	29.608	ng/ul	99
87) Chrysene	21.769	228	742199	31.644	ng/ul	99
89) Di-n-octyl phthalate	22.821	149	799051	31.685	ng/ul	100
90) Benzo(b)fluoranthene	23.926	252	818019	31.454	ng/ul	100
91) Benzo(k)fluoranthene	24.002	252	847834	32.692	ng/ul	95
93) Benzo(a)pyrene	24.813	252	720409	29.253	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.661	276	1033840	32.851	ng/ul#	95
95) Dibenzo(a,h)anthracene	28.732	278	856296	32.945	ng/ul	98
96) Benzo(g,h,i)perylene	29.825	276	803068	32.076	ng/ul	96

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

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