Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012521\
Data File : BM028532.D
Acq On : 25 Jan 2021 16:54
Operator : CG/JU
Sample : L5214-03
Misc : SFAM-MDL-S-01
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2021-01

Manual Integrations APPROVED
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Quant Time: Jan 25 17:26:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM011921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 25 12:52:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	28480	20.00	ng/ul	0.00
20) Naphthalene-d8	10.804	136	112015	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.633	164	64248	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.363	188	129399	20.00	ng/ul	0.00
79) Chrysene-d12	21.498	240	127005	20.00	ng/ul	0.00
88) Perylene-d12	23.774	264	127268	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	2244	3.31	ng/uL	0.00
4) Pyridine-d5	3.722	84	36424	18.78	ng/ul	0.00
7) Phenol-d5	7.151	99	84733	35.51	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.316	67	52918	35.09	ng/ul	0.00
11) 2-Chlorophenol-d4	7.516	132	72297	35.46	ng/ul	0.00
15) 4-Methylphenol-d8	8.704	113	71434	36.84	ng/ul	0.00
21) Nitrobenzene-d5	9.163	128	34663	37.83	ng/ul	0.00
24) 2-Nitrophenol-d4	9.892	143	38317	38.83	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	65828	35.50	ng/ul	0.00
31) 4-Chloroaniline-d4	10.945	131	92708	37.39	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	187906	36.48	ng/ul	0.00
49) Acenaphthylene-d8	14.333	160	244818	39.03	ng/ul	0.00
54) 4-Nitrophenol-d4	14.833	143	34906	38.62	ng/ul	0.00
60) Fluorene-d10	15.621	176	157688	36.40	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	29728	35.75	ng/ul	0.00
73) Anthracene-d10	17.462	188	238388	37.06	ng/ul	0.00
81) Pyrene-d10	19.733	212	257632	35.71	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.633	264	245820	35.17	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	927	1.28	ng/uL#	93
5) Pyridine	3.746	79	7901	4.06	ng/ul#	76
6) Benzaldehyde	7.128	77	5045	5.28	ng/ul	98
8) Phenol	7.175	94	9683	4.01	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.410	93	8624	4.29	ng/ul	94
12) 2-Chlorophenol	7.551	128	8623	4.17	ng/ul	97
13) 2-Methylphenol	8.440	108	7142	3.88	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.534	45	12921m	3.75	ng/ul	
16) Acetophenone	8.828	105	12182	4.10	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.810	70	5754	3.92	ng/ul	93
18) 4-Methylphenol	8.769	108	8149	4.14	ng/ul	99
19) Hexachloroethane	9.075	117	3493	3.83	ng/ul	93
22) Nitrobenzene	9.204	77	9178	4.07	ng/ul	98
23) Isophorone	9.734	82	15544	3.96	ng/ul	98
25) 2-Nitrophenol	9.922	139	4612	4.31	ng/ul	97
26) 2,4-Dimethylphenol	9.975	107	8644	4.11	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.216	93	10379	4.07	ng/ul	99
29) 2,4-Dichlorophenol	10.451	162	7787	4.34	ng/ul	95
30) Naphthalene	10.857	128	27050	4.23	ng/ul	98
32) 4-Chloroaniline	10.969	127	10254	4.25	ng/ul	97
33) Hexachlorobutadiene	11.134	225	5005	4.11	ng/ul	96
34) Caprolactam	11.751	113	1891	3.58	ng/ul	91
35) 4-Chloro-3-methylphenol	12.086	107	7606	4.15	ng/ul	98
36) 2-Methylnaphthalene	12.463	142	17982	4.17	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.680	142	17209	4.15	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.833	216	9109	4.13	ng/ul	97
40) Hexachlorocyclopentadiene	12.804	237	4242	3.74	ng/ul	93
41) 2,4,6-Trichlorophenol	13.069	196	5599	4.06	ng/ul	96
42) 2,4,5-Trichlorophenol	13.145	196	5751	3.88	ng/ul	97
43) 1,1'-Biphenyl	13.469	154	22674	4.03	ng/ul	98
44) 2-Chloronaphthalene	13.516	162	17797	4.06	ng/ul	97
45) 2-Nitroaniline	13.722	65	4530	3.75	ng/ul	90
47) Dimethylphthalate	14.086	163	21810	4.14	ng/ul	98
48) 2,6-Dinitrotoluene	14.216	165	3882	3.73	ng/ul	96
50) Acenaphthylene	14.357	152	26979	4.21	ng/ul	98
51) 3-Nitroaniline	14.539	138	3697	3.90	ng/ul	99
52) Acenaphthene	14.698	153	19180	4.15	ng/ul	98
53) 2,4-Dinitrophenol	14.757	184	1822	3.20	ng/ul	95
55) 4-Nitrophenol	14.845	109	2960	4.10	ng/ul#	75
56) Dibenzofuran	15.033	168	26485	4.28	ng/ul	96
57) 2,4-Dinitrotoluene	14.998	165	5654	4.03	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.257	232	4771	3.96	ng/ul#	97
59) Diethylphthalate	15.445	149	21328	3.93	ng/ul	98
61) Fluorene	15.680	166	21406	4.15	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.669	204	10667	4.15	ng/ul	95
63) 4-Nitroaniline	15.698	138	3433	4.16	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.757	198	3623	4.06	ng/ul#	56
67) N-Nitrosodiphenylamine	15.880	169	17646	4.05	ng/ul	99
68) 4-Bromophenyl-phenylether	16.557	248	6206	3.94	ng/ul	97
69) Hexachlorobenzene	16.674	284	7113	3.98	ng/ul	97
70) Atrazine	16.821	200	5880	3.65	ng/ul	97
71) Pentachlorophenol	17.015	266	3480	3.45	ng/ul	96
72) Phenanthrene	17.404	178	33351	4.21	ng/ul	99
74) Anthracene	17.498	178	34277	4.26	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.439	216	8763	3.95	ng/uL	95
76) Pentachlorobenzene	14.951	250	8562	3.94	ng/uL	99
77) Carbazole	17.762	167	29286	4.30	ng/ul	100
78) Di-n-butylphthalate	18.310	149	35989	3.83	ng/ul	99
80) Fluoranthene	19.404	202	37202	3.90	ng/ul	100
82) Pyrene	19.762	202	39491	4.03	ng/ul	99
83) Butylbenzylphthalate	20.639	149	16598	3.74	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.415	252	12966	4.96	ng/ul	95
85) Benzo(a)anthracene	21.486	228	36565	4.21	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.398	149	25031	3.64	ng/ul	99
87) Chrysene	21.533	228	35574	4.21	ng/ul	99
89) Di-n-octyl phthalate	22.286	149	42818	3.58	ng/ul	100
90) Benzo(b)fluoranthene	23.086	252	38193	4.38	ng/ul	98
91) Benzo(k)fluoranthene	23.133	252	35061	4.12	ng/ul	99
93) Benzo(a)pyrene	23.674	252	34063	4.32	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.080	276	40879	4.38	ng/ul	97
95) Dibenzo(a,h)anthracene	26.091	278	34545	4.36	ng/ul	97
96) Benzo(g,h,i)perylene	26.785	276	34133	4.34	ng/ul	97

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

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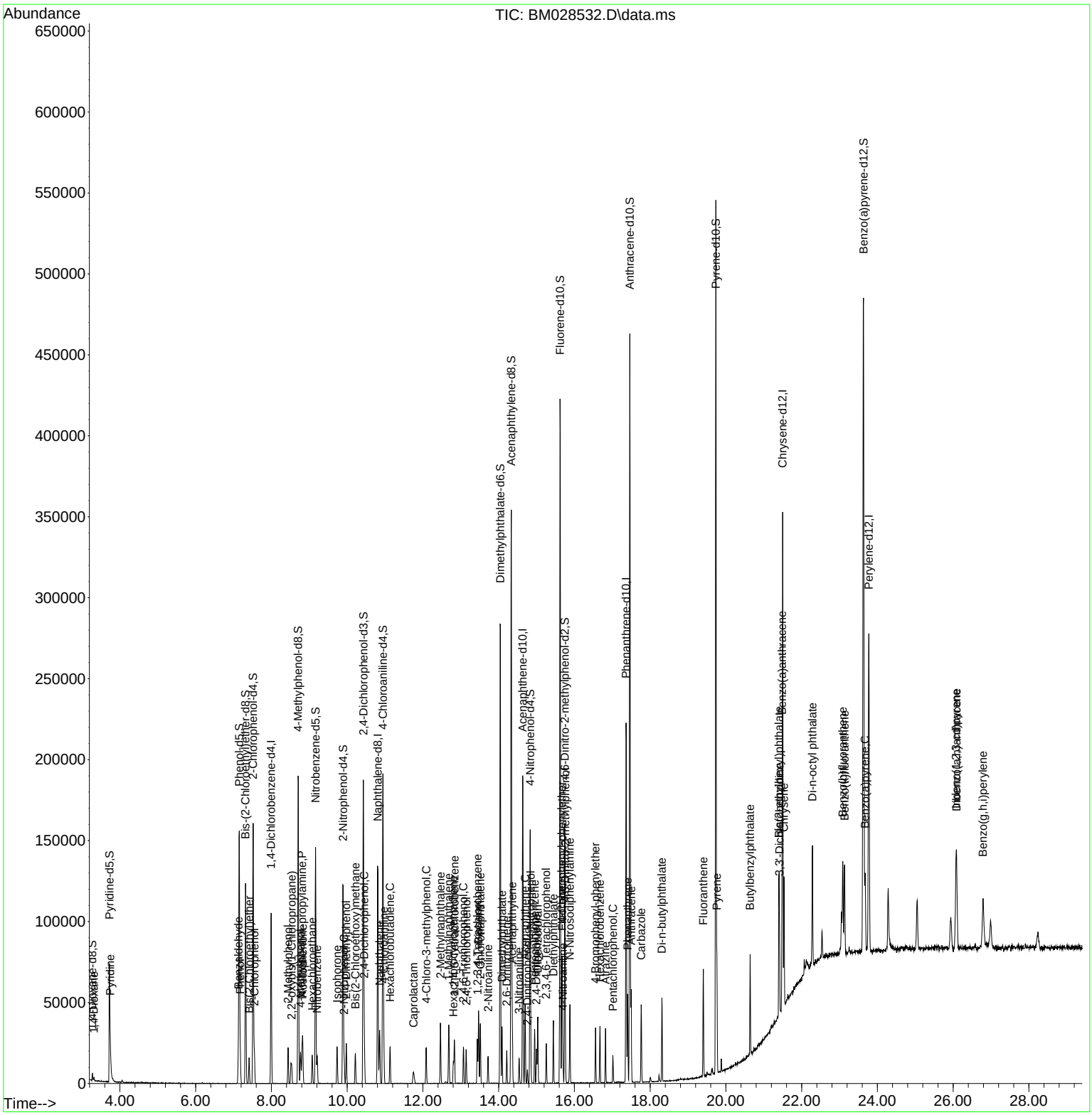

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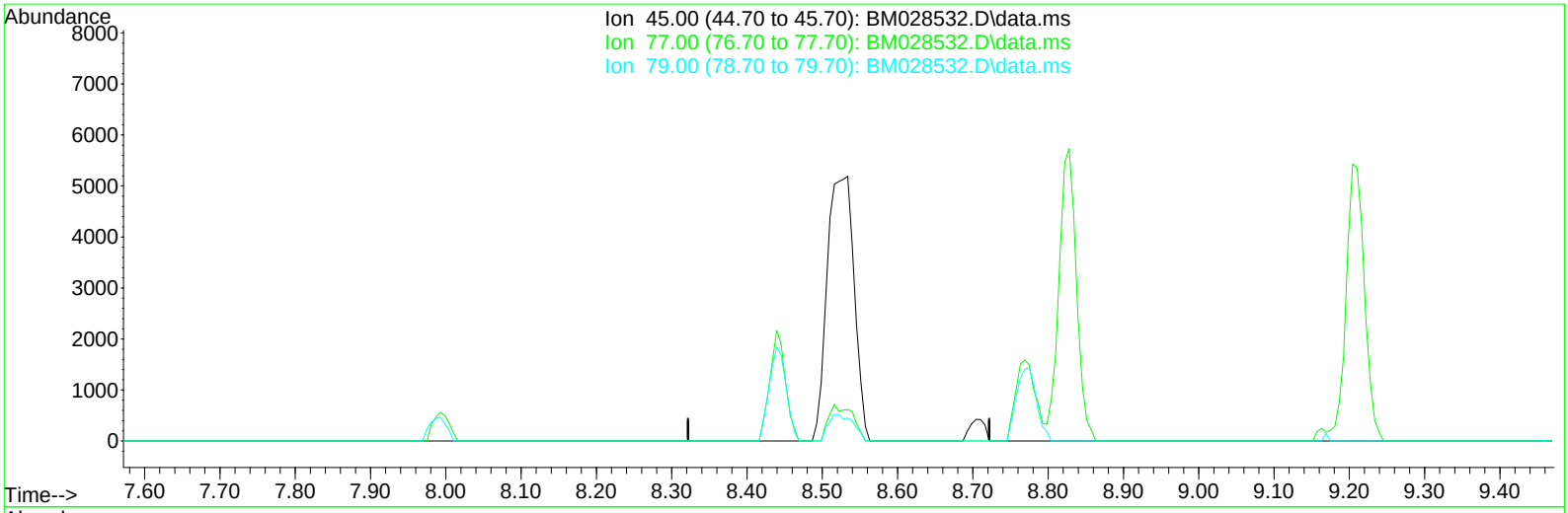

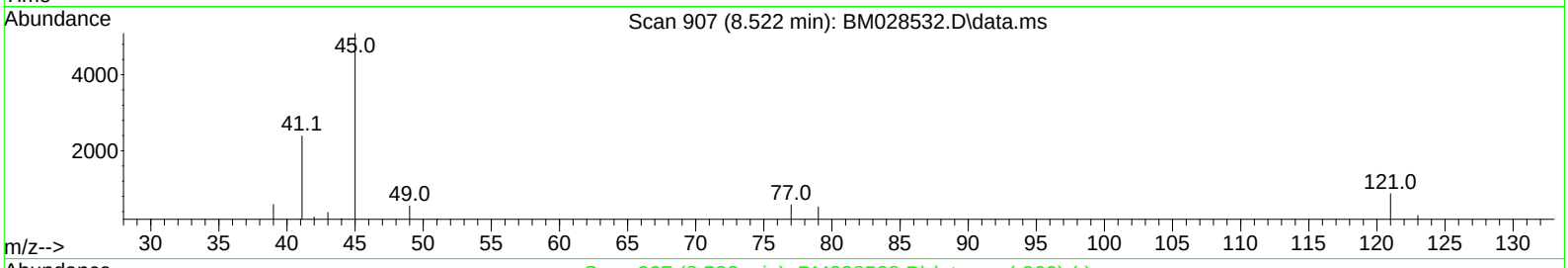

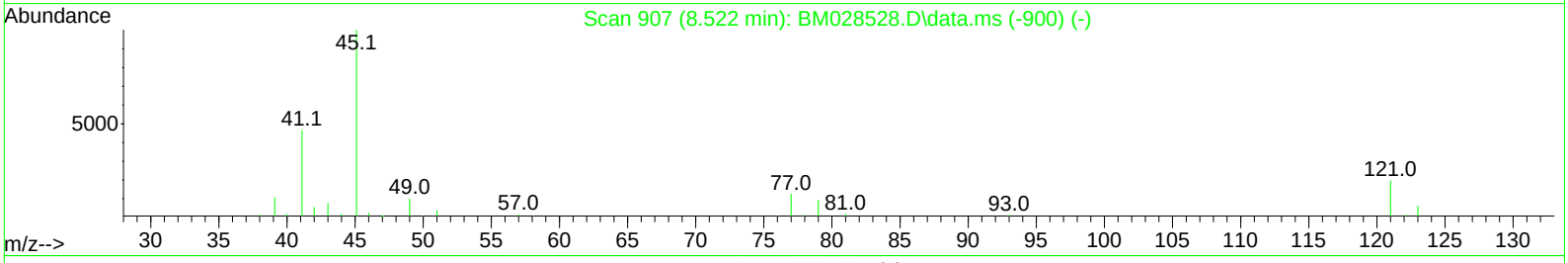

TIC: BM028532.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.522min (-8.522) 0.00 ng/ul

response 0

Ion	Exp%	Act%
45.00	100.00	0.00
77.00	12.10	0.00#
79.00	8.50	0.00#
0.00	0.00	0.00

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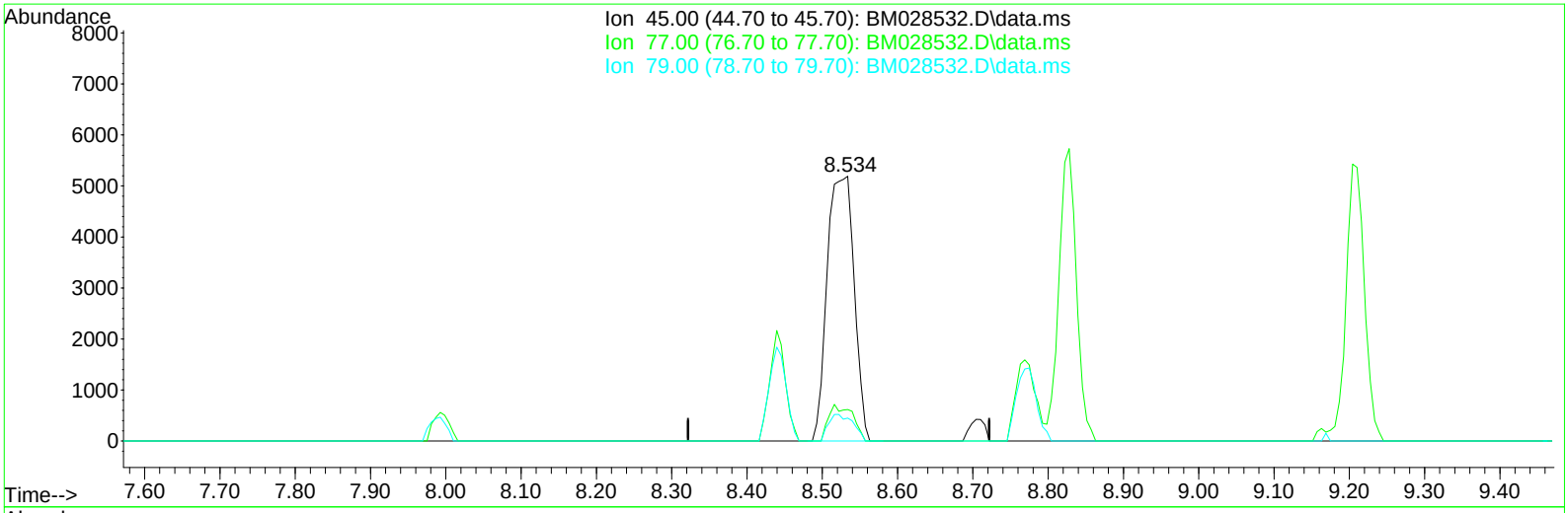

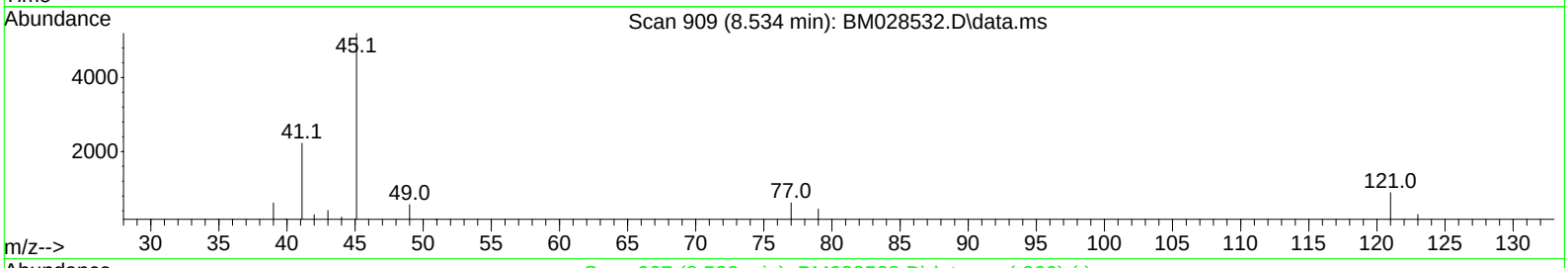

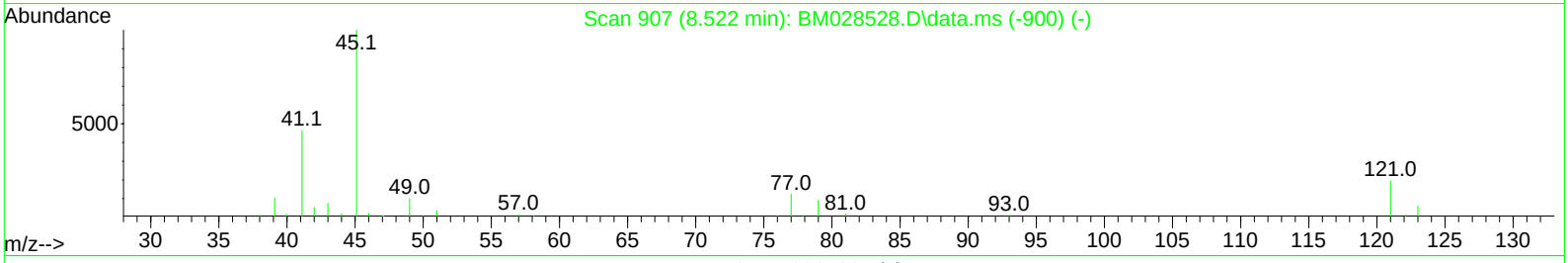

TIC: BM028532.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.534min (+ 0.012) 3.75 ng/ul m

response 12921

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	12.10	11.87
79.00	8.50	8.67
0.00	0.00	0.00