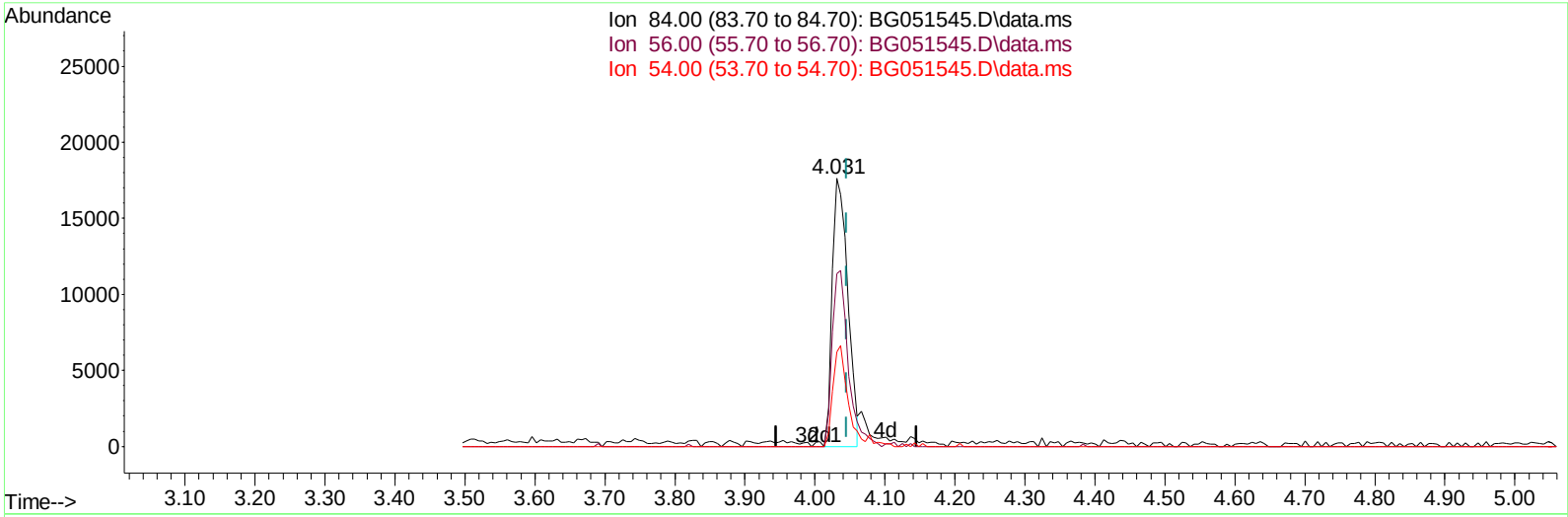
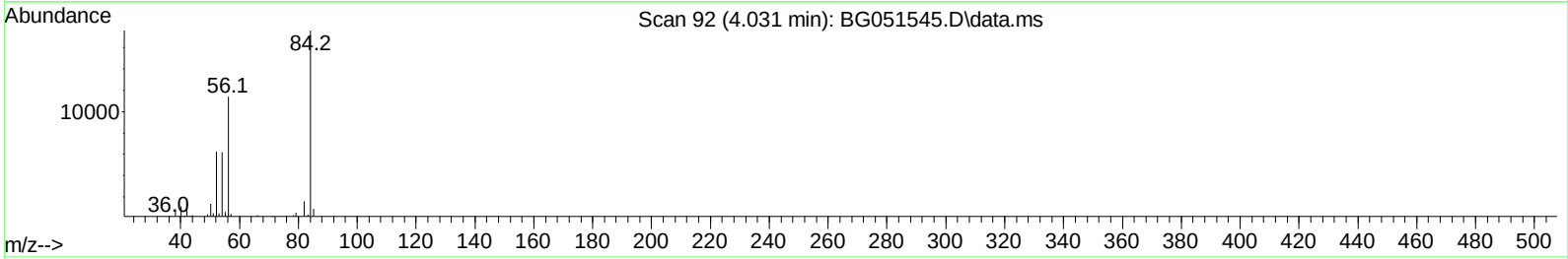
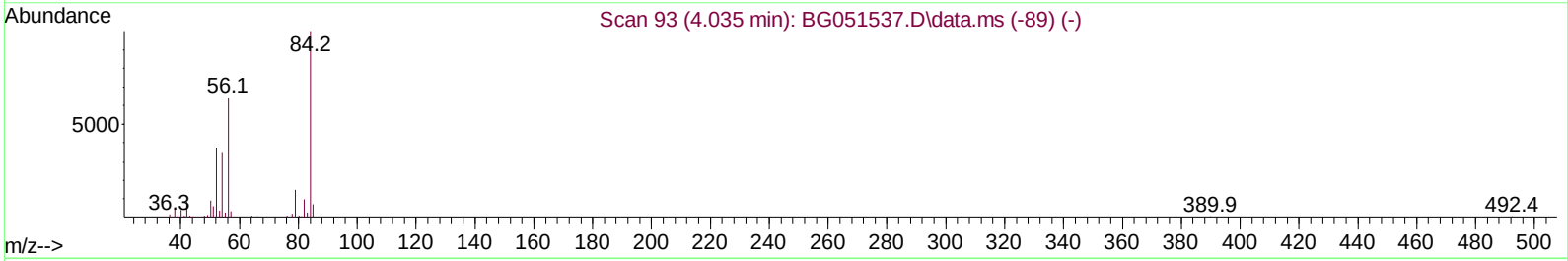
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051545.D
Acq On : 15 Dec 2021 20:24
Operator : CG/JU
Sample : M4995-12MSD
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Dec 17 04:16:44 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration







TIC: BG051545.D\data.ms

(4) Pyridine-d5 (S)

4.031min (-0.015) 12.05 ng/ul

response 27371

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	68.00	64.58
54.00	31.50	35.26
0.00	0.00	0.00

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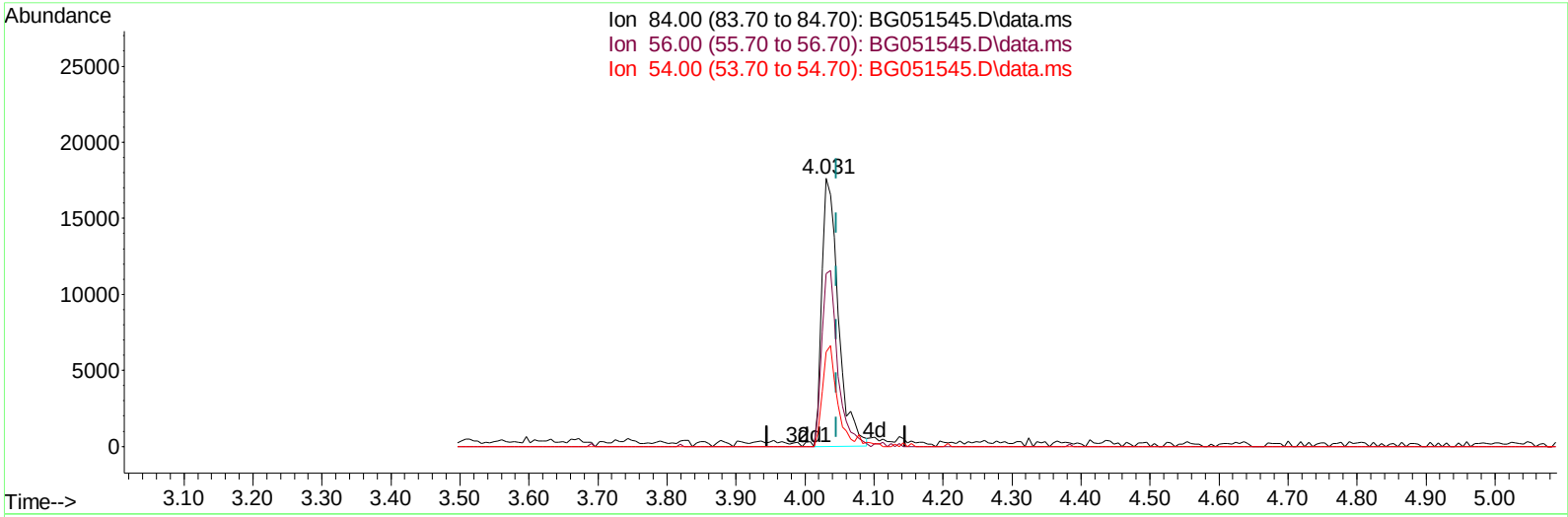

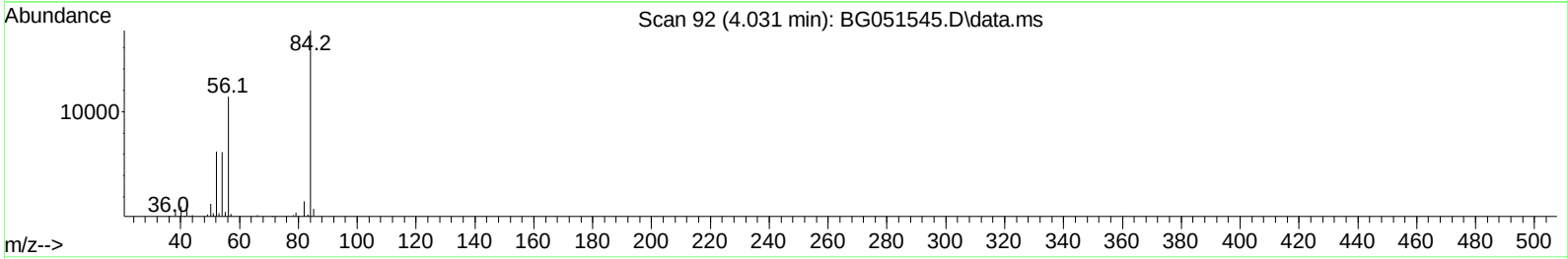

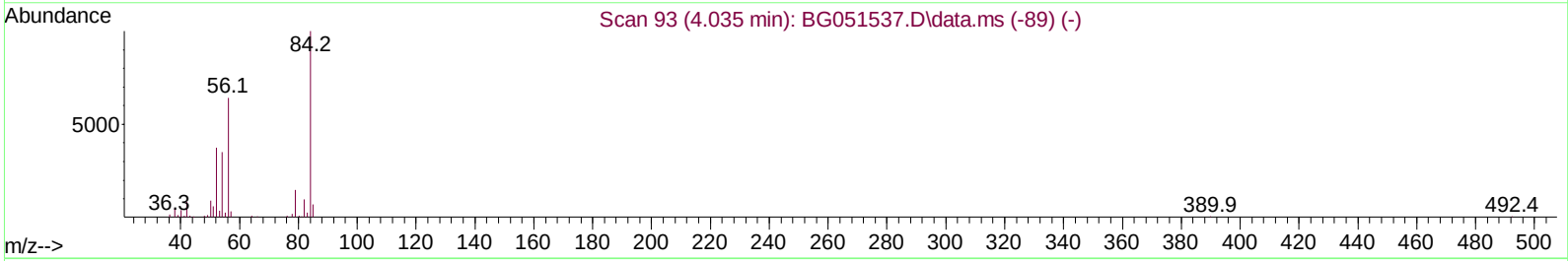

TIC: BG051545.D\data.ms

(4) Pyridine-d5 (S)

4.031min (-0.015) 12.96 ng/ul m

response 29435

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	68.00	64.58
54.00	31.50	35.26
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 43 Sample Multiplier: 1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.278	152	31214	20.000	ng/ul	0.00
20) Naphthalene-d8	11.115	136	129004	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.916	164	95899	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.659	188	239621	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.977	240	228351	20.000	ng/ul	# 0.00
88) Perylene-d12	25.478	264	236536	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.608	96	4412	5.870	ng/uL	0.00
4) Pyridine-d5	4.031	84	29435m	12.962	ng/ul	-0.01
7) Phenol-d5	7.409	99	24531	8.802	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.585	67	60657	36.611	ng/ul	0.00
11) 2-Chlorophenol-d4	7.802	132	58357	30.107	ng/ul	0.00
15) 4-Methylphenol-d8	8.977	113	41960	19.477	ng/ul	0.00
21) Nitrobenzene-d5	9.447	128	37965	40.140	ng/ul	0.00
24) 2-Nitrophenol-d4	10.181	143	41447	40.087	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.722	165	80473	35.891	ng/ul	0.00
31) 4-Chloroaniline-d4	11.239	131	98247	33.281	ng/ul	0.00
46) Dimethylphthalate-d6	14.305	166	344413	44.870	ng/ul	0.00
49) Acenaphthylene-d8	14.611	160	382253	40.098	ng/ul	0.00
54) 4-Nitrophenol-d4	15.069	143	14411	11.545	ng/ul	0.00
60) Fluorene-d10	15.903	176	294465	42.819	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.003	200	63314	50.714	ng/ul	0.00
73) Anthracene-d10	17.759	188	507056	44.359	ng/ul	0.00
81) Pyrene-d10	20.033	212	629770	45.824	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.237	264	588758	47.306	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.643	88	13764	17.547	ng/uL	95
5) Pyridine	4.054	79	29726	13.048	ng/ul	93
6) Benzaldehyde	7.397	77	72088	41.458	ng/ul	91
8) Phenol	7.432	94	27532	9.935	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.679	93	74177	35.085	ng/ul	96
12) 2-Chlorophenol	7.837	128	57515	28.926	ng/ul	97
13) 2-Methylphenol	8.707	108	48809	23.343	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.807	45	97191	33.891	ng/ul	95
16) Acetophenone	9.106	105	118697	35.076	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.083	70	70557	34.749	ng/ul	98
18) 4-Methylphenol	9.036	108	43265	19.632	ng/ul	95
19) Hexachloroethane	9.388	117	28669	33.045	ng/ul#	67
22) Nitrobenzene	9.488	77	101730	36.980	ng/ul	98
23) Isophorone	10.023	82	198588	35.957	ng/ul	99
25) 2-Nitrophenol	10.211	139	43395	39.265	ng/ul	91
26) 2,4-Dimethylphenol	10.258	107	69567	26.126	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.499	93	103233	35.201	ng/ul	99
29) 2,4-Dichlorophenol	10.751	162	72965	34.202	ng/ul	94
30) Naphthalene	11.168	128	240643	34.624	ng/ul	98
32) 4-Chloroaniline	11.262	127	99078	32.868	ng/ul	98
33) Hexachlorobutadiene	11.462	225	61794	34.118	ng/ul	96
34) Caprolactam	12.020	113	5715	8.848	ng/ul#	73
35) 4-Chloro-3-methylphenol	12.361	107	84778	35.467	ng/ul	90

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.760	142	179977	36.298 ng/ul	100
37) 1-Methylnaphthalene	12.978	142	184549	35.846 ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.119	216	119328	35.773 ng/ul	97
40) Hexachlorocyclopentadiene	13.107	237	66908	27.625 ng/ul	99
41) 2,4,6-Trichlorophenol	13.348	196	84469	41.831 ng/ul	99
42) 2,4,5-Trichlorophenol	13.418	196	93291	44.082 ng/ul	99
43) 1,1'-Biphenyl	13.747	154	263960	35.933 ng/ul#	95
44) 2-Chloronaphthalene	13.794	162	206230	36.313 ng/ul	95
45) 2-Nitroaniline	13.982	65	81133	46.764 ng/ul	92
47) Dimethylphthalate	14.352	163	317680	42.631 ng/ul	100
48) 2,6-Dinitrotoluene	14.470	165	67901	47.664 ng/ul	98
50) Acenaphthylene	14.640	152	353163	37.865 ng/ul	97
51) 3-Nitroaniline	14.799	138	62386	45.799 ng/ul	99
52) Acenaphthene	14.975	153	237597	38.560 ng/ul	95
53) 2,4-Dinitrophenol	14.998	184	41057	49.857 ng/ul#	62
55) 4-Nitrophenol	15.086	109	15891	11.866 ng/ul	81
56) Dibenzofuran	15.310	168	356399	39.275 ng/ul	99
57) 2,4-Dinitrotoluene	15.251	165	101829	50.433 ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.527	232	95606	47.535 ng/ul#	84
59) Diethylphthalate	15.715	149	332166	42.789 ng/ul	97
61) Fluorene	15.956	166	303688	40.617 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.944	204	171705	41.230 ng/ul	91
63) 4-Nitroaniline	15.956	138	66644	47.703 ng/ul	91
66) 4,6-Dinitro-2-methylph...	16.020	198	60477	49.326 ng/ul#	95
67) N-Nitrosodiphenylamine	16.150	169	275869	42.803 ng/ul	96
68) 4-Bromophenyl-phenylether	16.837	248	123954	50.794 ng/ul#	85
69) Hexachlorobenzene	16.966	284	137830	44.946 ng/ul#	91
70) Atrazine	17.095	200	124887	43.182 ng/ul	95
71) Pentachlorophenol	17.301	266	88366	47.031 ng/ul	96
72) Phenanthrene	17.701	178	526145	42.690 ng/ul	98
74) Anthracene	17.795	178	517055	41.527 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.718	216	130693	35.453 ng/uL	100
76) Pentachlorobenzene	15.233	250	145163	41.192 ng/uL	100
77) Carbazole	18.053	167	486382	43.624 ng/ul	97
78) Di-n-butylphthalate	18.605	149	574621	42.825 ng/ul	99
80) Fluoranthene	19.698	202	693465	43.959 ng/ul#	90
82) Pyrene	20.062	202	666780	42.710 ng/ul#	88
83) Butylbenzylphthalate	20.937	149	244502	46.700 ng/ul#	93
84) 3,3'-Dichlorobenzidine	21.854	252	207205	38.502 ng/ul#	95
85) Benzo(a)anthracene	21.959	228	661426	44.521 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.854	149	343144	46.791 ng/ul#	97
87) Chrysene	22.030	228	632583	44.074 ng/ul	98
89) Di-n-octyl phthalate	23.164	149	566872	44.495 ng/ul	100
90) Benzo(b)fluoranthene	24.356	252	708228	44.701 ng/ul#	96
91) Benzo(k)fluoranthene	24.433	252	644737	43.455 ng/ul#	95
93) Benzo(a)pyrene	25.320	252	663268	44.358 ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.508	276	764657	46.841 ng/ul#	89
95) Dibenzo(a,h)anthracene	29.584	278	644488	46.224 ng/ul#	91
96) Benzo(g,h,i)perylene	30.771	276	639928	46.258 ng/ul#	88

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

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