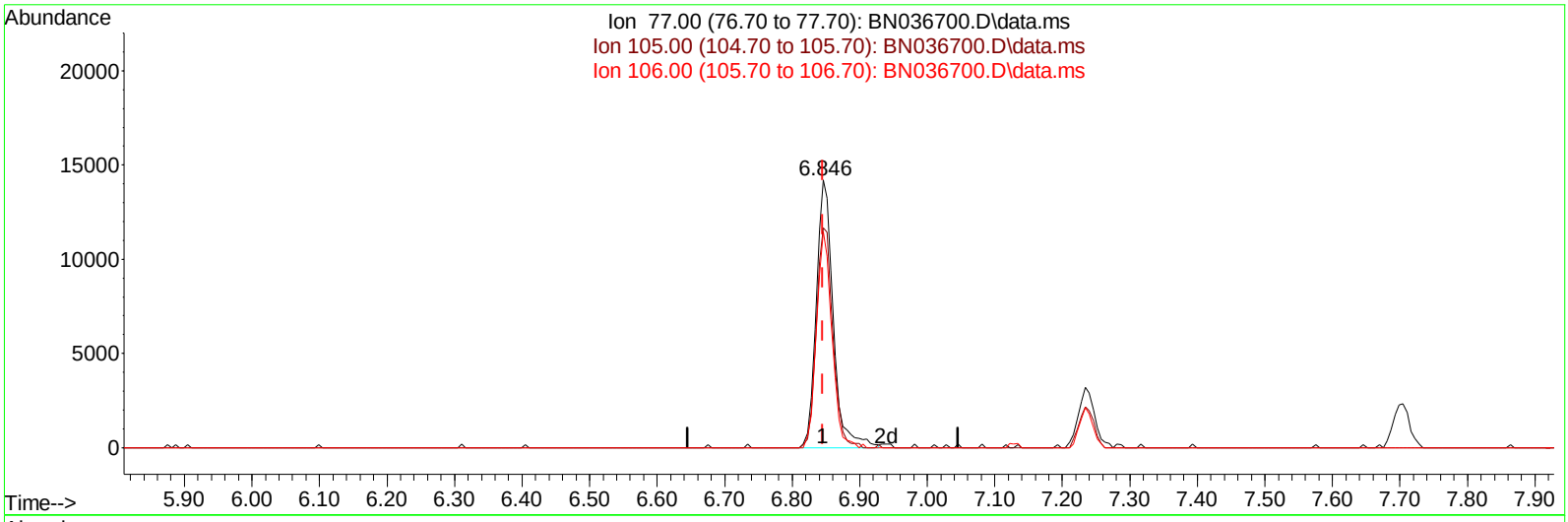
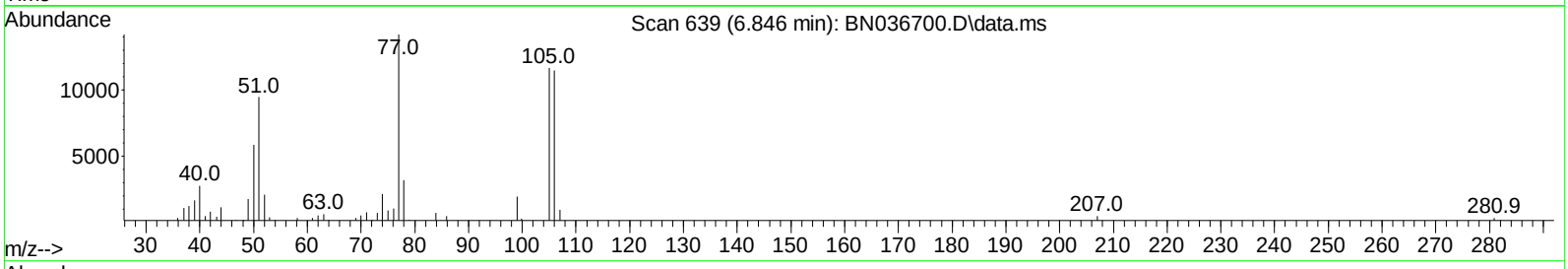
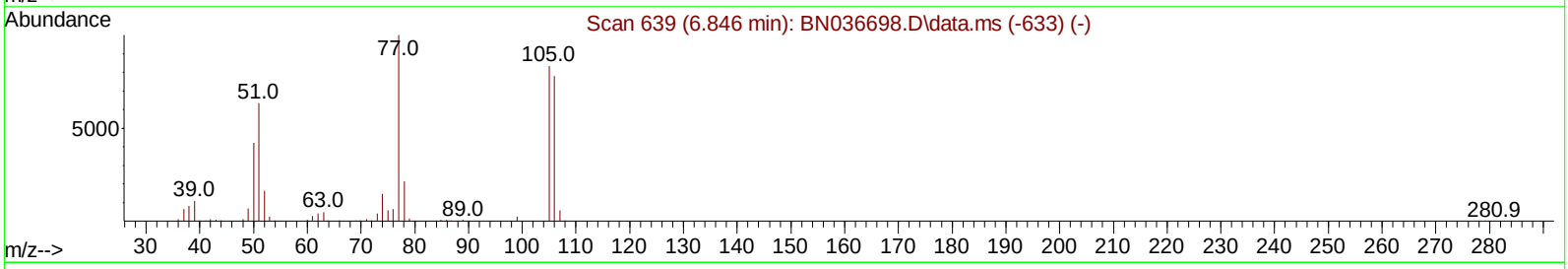
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032125\
Data File : BN036700.D
Acq On : 21 Mar 2025 10:56
Operator : RC/JU
Sample : Q1546-04
Misc : MDL-SOIL 4ppm
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 21 13:07:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN022825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 20 13:16:23 2025
Response via : Initial Calibration







TIC: BN036700.D\data.ms

(6) Benzaldehyde

6.846min (-0.000) 5.56 ng/ul

response 24855

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	85.90	82.09
106.00	81.80	80.76
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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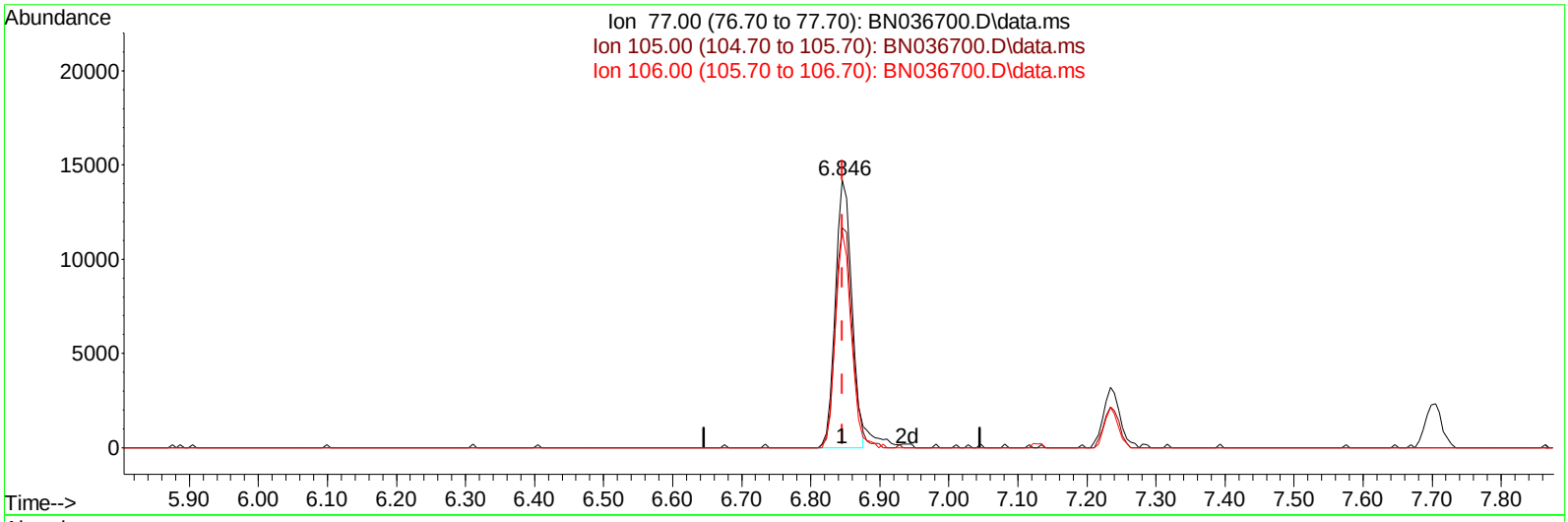

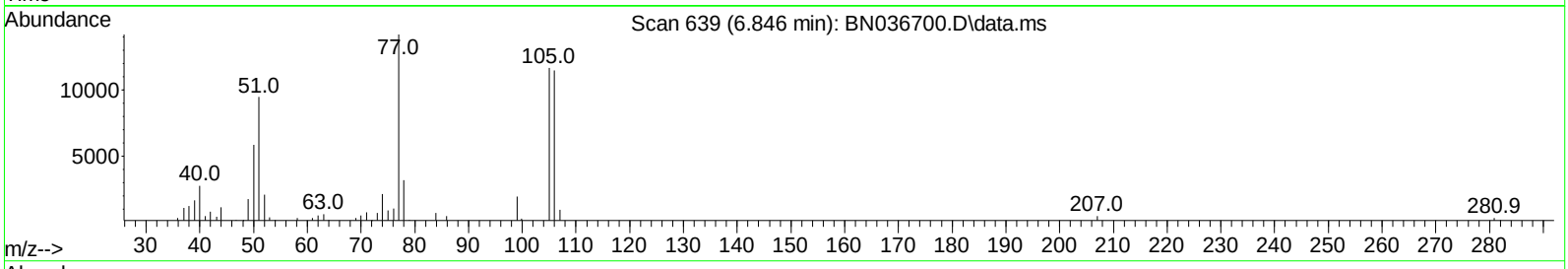

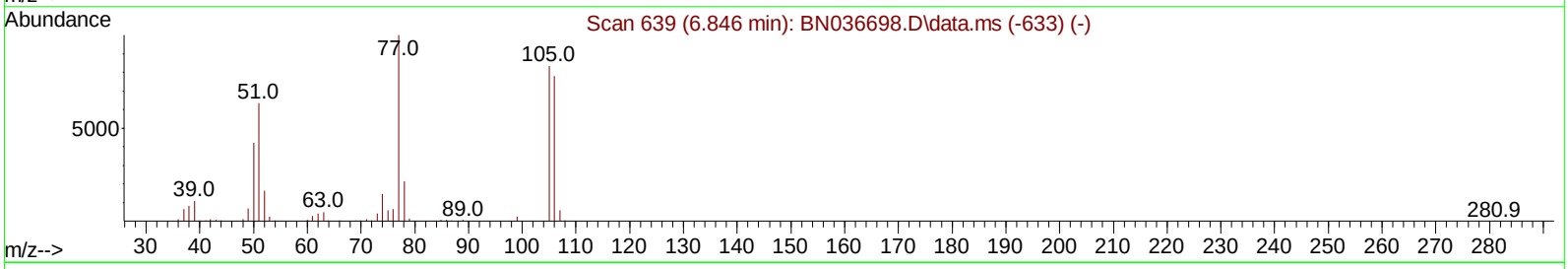

TIC: BN036700.D\data.ms

(6) Benzaldehyde

6.846min (-0.000) 5.24 ng/ul m

response 23429

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	85.90	82.09
106.00	81.80	80.76
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 21 Mar 2025 10:56
Operator : RC/JU
Sample : Q1546-04
Misc : MDL-SOIL 4ppm
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 21 13:08:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN022825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 20 13:16:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	79394	20.000	ng/ul	0.00
20) Naphthalene-d8	10.487	136	347614	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.345	164	237980	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.092	188	503889	20.000	ng/ul	0.00
79) Chrysene-d12	21.327	240	494537	20.000	ng/ul	0.00
88) Perylene-d12	24.280	264	504000	20.000	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	8743	4.281	ng/uL	0.00
4) Pyridine-d5	3.599	84	153362	24.569	ng/ul	0.00
7) Phenol-d5	6.875	99	184581	24.342	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	140959	26.128	ng/ul	0.00
11) 2-Chlorophenol-d4	7.234	132	139258	26.117	ng/ul	0.00
15) 4-Methylphenol-d8	8.410	113	141630	22.620	ng/ul	0.00
21) Nitrobenzene-d5	8.857	128	73223	26.648	ng/ul	0.00
24) 2-Nitrophenol-d4	9.575	143	78233	26.948	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.110	165	132811	25.223	ng/ul	0.00
31) 4-Chloroaniline-d4	10.628	131	199086	24.484	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	489862	27.371	ng/ul	0.00
49) Acenaphthylene-d8	14.040	160	531523	26.587	ng/ul	0.00
54) 4-Nitrophenol-d4	14.545	143	84778	23.914	ng/ul	0.00
60) Fluorene-d10	15.339	176	406360	26.920	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	78921	22.888	ng/ul	0.00
73) Anthracene-d10	17.192	188	637285	25.701	ng/ul	0.00
81) Pyrene-d10	19.486	212	761898	28.201	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.074	264	727930	28.987	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	2914	1.272	ng/uL	96
5) Pyridine	3.622	79	29991	4.605	ng/ul#	74
6) Benzaldehyde	6.846	77	23429m	5.241	ng/ul	
8) Phenol	6.899	94	36009	4.429	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.128	93	30074	4.737	ng/ul	100
12) 2-Chlorophenol	7.269	128	26153	4.650	ng/ul	99
13) 2-Methylphenol	8.146	108	21767	3.717	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.222	45	58875	4.832	ng/ul	99
16) Acetophenone	8.522	105	47312	4.446	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.510	70	25848	4.324	ng/ul	94
18) 4-Methylphenol	8.469	108	26758	4.001	ng/ul	94
19) Hexachloroethane	8.775	117	12948	5.007	ng/ul	98
22) Nitrobenzene	8.899	77	40890	4.920	ng/ul	96
23) Isophorone	9.422	82	66819	4.317	ng/ul	97
25) 2-Nitrophenol	9.604	139	15408	4.766	ng/ul	98
26) 2,4-Dimethylphenol	9.669	107	15303	2.240	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.904	93	40901	4.687	ng/ul	97
29) 2,4-Dichlorophenol	10.134	162	24059	4.455	ng/ul#	84
30) Naphthalene	10.540	128	92539	4.814	ng/ul	99
32) 4-Chloroaniline	10.651	127	34396	4.371	ng/ul	96
33) Hexachlorobutadiene	10.828	225	17109	4.809	ng/ul	99
34) Caprolactam	11.440	113	8925	3.990	ng/ul	85
35) 4-Chloro-3-methylphenol	11.781	107	27599	4.029	ng/ul	95

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.157	142	62810	4.694	ng/ul	99
37) 1-Methylnaphthalene	12.375	142	59626	4.419	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.528	216	32030	4.800	ng/ul	95
40) Hexachlorocyclopentadiene	12.510	237	16890	4.289	ng/ul	97
41) 2,4,6-Trichlorophenol	12.775	196	17784	4.051	ng/ul	93
42) 2,4,5-Trichlorophenol	12.845	196	20618	4.287	ng/ul	91
43) 1,1'-Biphenyl	13.175	154	85171	4.846	ng/ul	98
44) 2-Chloronaphthalene	13.216	162	65427	4.801	ng/ul	97
45) 2-Nitroaniline	13.422	65	21125	3.861	ng/ul	88
47) Dimethylphthalate	13.804	163	86159	4.774	ng/ul#	98
48) 2,6-Dinitrotoluene	13.922	165	13483	3.827	ng/ul	86
50) Acenaphthylene	14.063	152	101620	4.696	ng/ul	99
51) 3-Nitroaniline	14.257	138	13422	3.527	ng/ul	92
52) Acenaphthene	14.410	153	73727	4.726	ng/ul	98
53) 2,4-Dinitrophenol	14.457	184	10380	4.284	ng/ul	92
55) 4-Nitrophenol	14.563	109	15111	4.330	ng/ul	91
56) Dibenzofuran	14.745	168	102706	4.778	ng/ul	99
57) 2,4-Dinitrotoluene	14.716	165	23491	4.354	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.975	232	17602	4.378	ng/ul	92
59) Diethylphthalate	15.175	149	87776	4.682	ng/ul	99
61) Fluorene	15.398	166	85437	4.808	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.392	204	40596	4.791	ng/ul	100
63) 4-Nitroaniline	15.416	138	14030	3.747	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.475	198	18453	4.979	ng/ul#	84
67) N-Nitrosodiphenylamine	15.604	169	69897	4.541	ng/ul	99
68) 4-Bromophenyl-phenylether	16.286	248	22656	4.637	ng/ul	94
69) Hexachlorobenzene	16.404	284	26187	4.811	ng/ul	95
70) Atrazine	16.563	200	27083	4.730	ng/ul	95
71) Pentachlorophenol	16.745	266	18678	4.966	ng/ul	93
72) Phenanthrene	17.133	178	142280	4.875	ng/ul	97
74) Anthracene	17.228	178	134664	4.532	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.140	216	29870	4.332	ng/uL	98
76) Pentachlorobenzene	14.669	250	29949	4.313	ng/uL	95
77) Carbazole	17.498	167	115950	4.342	ng/ul	97
78) Di-n-butylphthalate	18.069	149	143301	4.315	ng/ul	99
80) Fluoranthene	19.157	202	156064	4.936	ng/ul	97
82) Pyrene	19.516	202	176027	5.115	ng/ul	98
83) Butylbenzylphthalate	20.422	149	60572	4.267	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.239	252	37273	4.094	ng/ul	98
85) Benzo(a)anthracene	21.310	228	163644	4.803	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.245	149	96406	4.676	ng/ul	98
87) Chrysene	21.369	228	155051	4.728	ng/ul	98
89) Di-n-octyl phthalate	22.363	149	136427	4.025	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	149313	4.833	ng/ul	99
91) Benzo(k)fluoranthene	23.410	252	152043	4.877	ng/ul	99
93) Benzo(a)pyrene	24.139	252	137312	4.656	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	27.592	276	166841	4.634	ng/ul	99
95) Dibenzo(a,h)anthracene	27.651	278	134053	4.670	ng/ul	97
96) Benzo(g,h,i)perylene	28.621	276	130684	4.661	ng/ul	98

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

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