

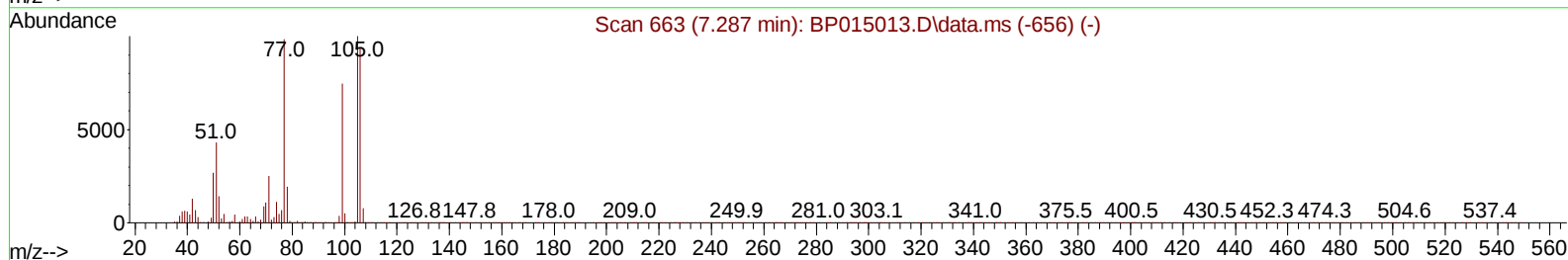
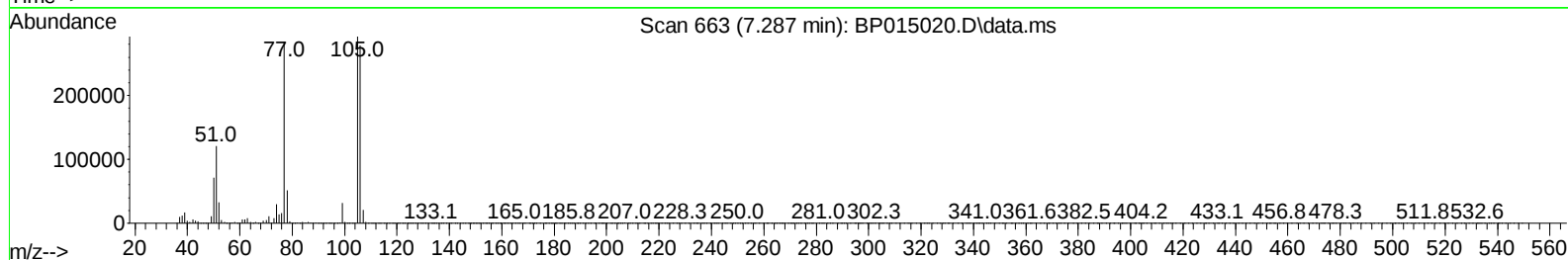
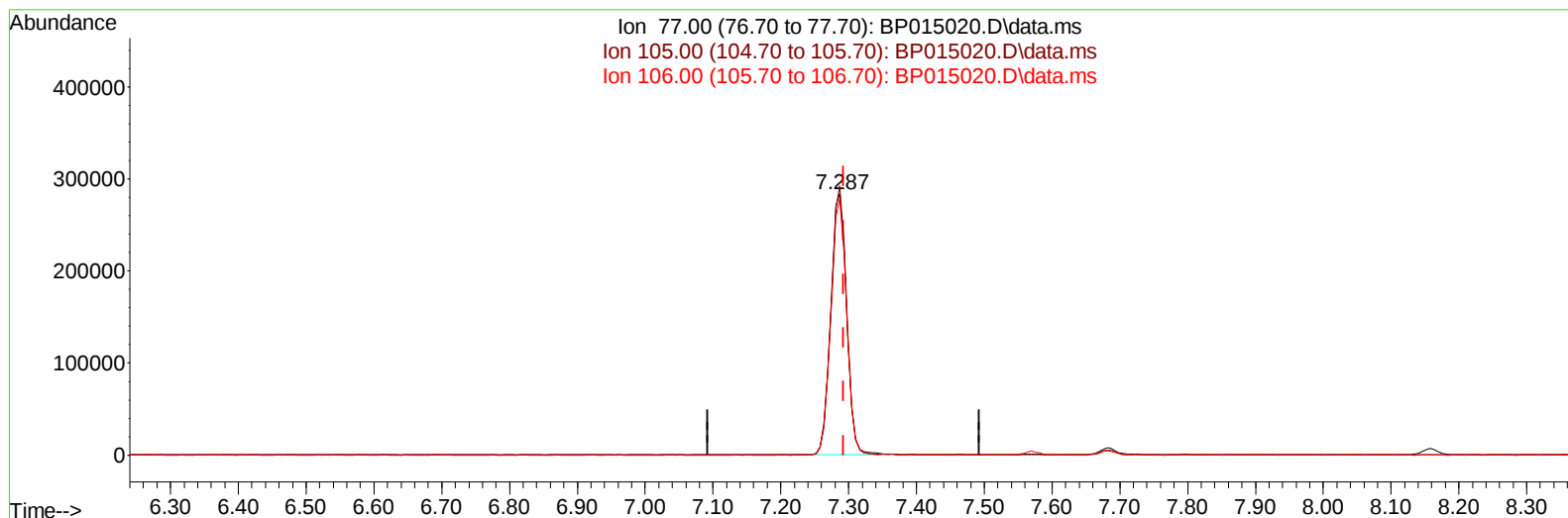
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050923\
 Data File : BP015020.D
 Acq On : 09 May 2023 14:00
 Operator : CG/JU
 Sample : 02609-16MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JREJ4MSD

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/10/2023
 Supervised By :Jagrut Upadhyay 05/10/2023

Quant Time: May 09 22:13:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 05 12:12:36 2023
 Response via : Initial Calibration



TIC: BP015020.D\data.ms

(6) Benzaldehyde

7.287min (-0.006) 64.04 ng/u1

response 461288

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	100.90	102.86
106.00	97.00	98.02
0.00	0.00	0.00

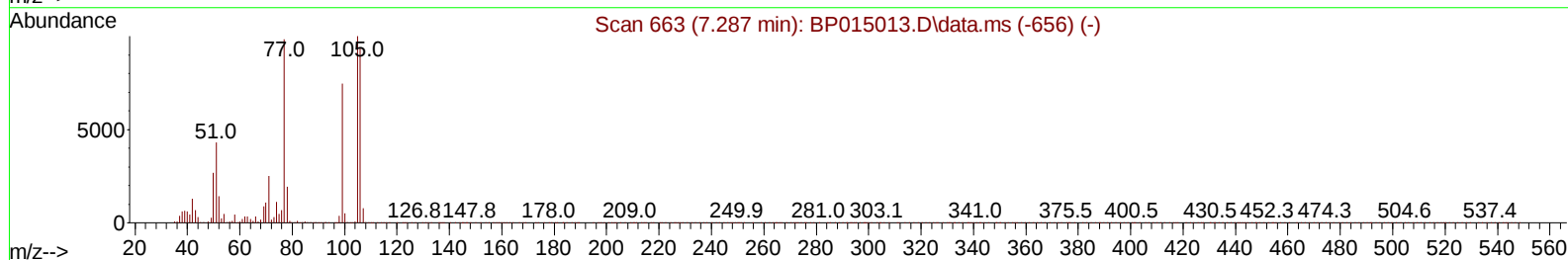
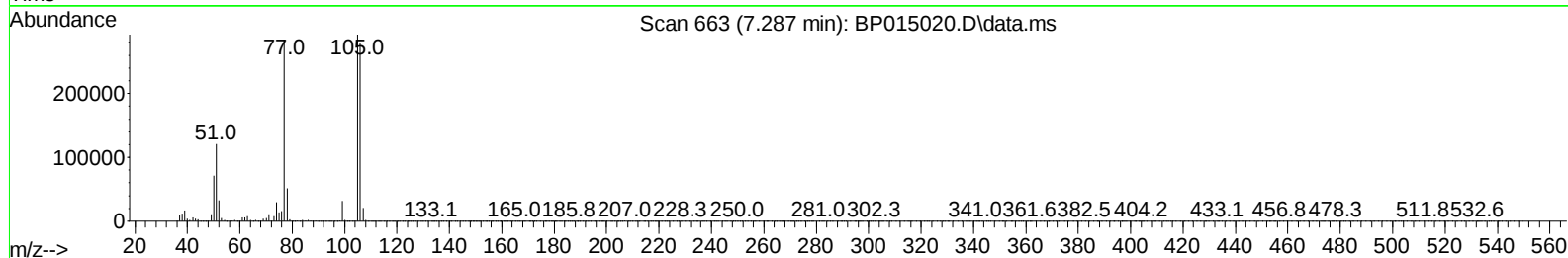
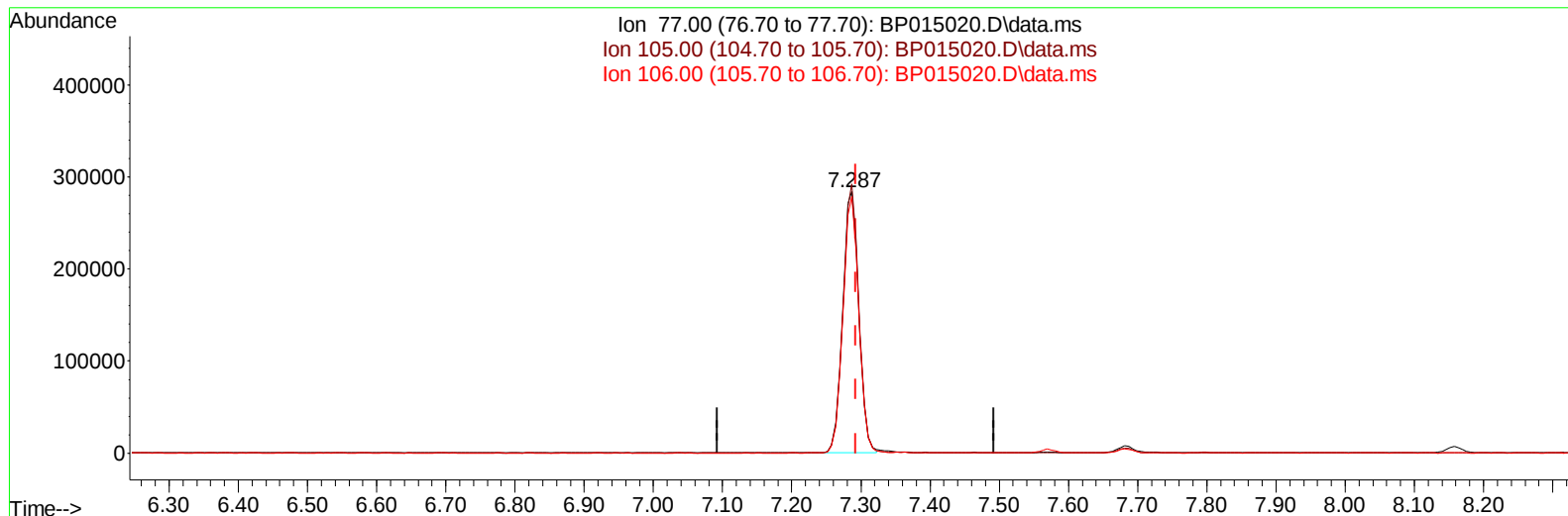
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TIC: BP015020.D\data.ms

(6) Benzaldehyde

7.287min (-0.006) 63.65 ng/ul m

response 458444

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	100.90	102.86
106.00	97.00	98.02
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	8.158	152	303861	20.000	ng/ul	0.00
20) Naphthalene-d8	10.993	136	1446317	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.804	164	1021631	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.563	188	2165893	20.000	ng/ul	0.00
79) Chrysene-d12	21.645	240	1689911	20.000	ng/ul	0.00
88) Perylene-d12	24.245	264	1431558	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	36162	4.425	ng/uL	0.00
4) Pyridine-d5	3.899	84	166371	7.448	ng/ul	0.00
7) Phenol-d5	7.305	99	180850	6.865	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.475	67	455645	27.983	ng/ul	0.00
11) 2-Chlorophenol-d4	7.681	132	469538	24.239	ng/ul	0.00
15) 4-Methylphenol-d8	8.869	113	337162	16.608	ng/ul	0.00
21) Nitrobenzene-d5	9.340	128	319105	31.022	ng/ul	0.00
24) 2-Nitrophenol-d4	10.069	143	356313	33.734	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.610	165	623583	30.067	ng/ul	0.00
31) 4-Chloroaniline-d4	11.128	131	343697	11.457	ng/ul	0.00
46) Dimethylphthalate-d6	14.210	166	2443141	33.789	ng/ul	0.00
49) Acenaphthylene-d8	14.498	160	2711247	31.265	ng/ul	0.00
54) 4-Nitrophenol-d4	14.993	143	101268	8.051	ng/ul	0.00
60) Fluorene-d10	15.798	176	2037403	32.752	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.916	200	388679	31.878	ng/ul	0.00
73) Anthracene-d10	17.663	188	3156201	32.432	ng/ul	0.00
81) Pyrene-d10	19.881	212	3547643	31.126	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.074	264	2487378	35.661	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.493	88	41892	4.731	ng/uL	97
5) Pyridine	3.917	79	303609	13.056	ng/ul	96
6) Benzaldehyde	7.287	77	458444m	63.648	ng/ul	
8) Phenol	7.334	94	203572	7.360	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.569	93	661695	28.783	ng/ul	100
12) 2-Chlorophenol	7.716	128	502786	23.960	ng/ul	98
13) 2-Methylphenol	8.605	108	401969	19.491	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.693	45	821938	28.188	ng/ul	100
16) Acetophenone	8.993	105	1020730	30.750	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.975	70	521586	30.831	ng/ul	98
18) 4-Methylphenol	8.934	108	384994	16.887	ng/ul	95
19) Hexachloroethane	9.258	117	201159	22.095	ng/ul	94
22) Nitrobenzene	9.381	77	776265	28.721	ng/ul	96
23) Isophorone	9.910	82	1597905	29.914	ng/ul	100
25) 2-Nitrophenol	10.099	139	385582	31.741	ng/ul	96
26) 2,4-Dimethylphenol	10.152	107	604998	22.949	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.393	93	982079	28.759	ng/ul	99
29) 2,4-Dichlorophenol	10.634	162	633277	29.521	ng/ul	99
30) Naphthalene	11.046	128	2082178	26.190	ng/ul	100
32) 4-Chloroaniline	11.152	127	753699	24.077	ng/ul	100
33) Hexachlorobutadiene	11.328	225	342218	24.724	ng/ul	100
34) Caprolactam	11.940	113	44344	6.710	ng/ul	98
35) 4-Chloro-3-methylphenol	12.263	107	764852	34.683	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.646	142	1695088	34.478	ng/ul	99
37) 1-Methylnaphthalene	12.857	142	1757785	34.685	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.004	216	902722	28.327	ng/ul	99
40) Hexachlorocyclopentadiene	12.981	237	369819	17.210	ng/ul	99
41) 2,4,6-Trichlorophenol	13.240	196	648663	33.034	ng/ul	100
42) 2,4,5-Trichlorophenol	13.310	196	718366	33.943	ng/ul	97
43) 1,1'-Biphenyl	13.640	154	2387659	29.233	ng/ul	99
44) 2-Chloronaphthalene	13.687	162	1870574	29.401	ng/ul	100
45) 2-Nitroaniline	13.887	65	582746	39.333	ng/ul	98
47) Dimethylphthalate	14.257	163	2521175	33.161	ng/ul	99
48) 2,6-Dinitrotoluene	14.381	165	537558	40.011	ng/ul	95
50) Acenaphthylene	14.528	152	3004483	30.560	ng/ul	99
51) 3-Nitroaniline	14.710	138	522410	42.974	ng/ul	97
52) Acenaphthene	14.869	153	2069933	30.426	ng/ul	98
53) 2,4-Dinitrophenol	14.916	184	180031	22.017	ng/ul	93
55) 4-Nitrophenol	15.004	109	80320	8.389	ng/ul	97
56) Dibenzofuran	15.204	168	2912437	31.726	ng/ul	100
57) 2,4-Dinitrotoluene	15.169	165	766819	40.749	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.428	232	603716	35.051	ng/ul	94
59) Diethylphthalate	15.616	149	2538824	35.340	ng/ul	98
61) Fluorene	15.857	166	2338340	32.291	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.840	204	1152658	32.527	ng/ul	96
63) 4-Nitroaniline	15.875	138	538708	53.094	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.934	198	402823	31.147	ng/ul#	94
67) N-Nitrosodiphenylamine	16.057	169	1734253	26.382	ng/ul	100
68) 4-Bromophenyl-phenylether	16.740	248	747240	33.164	ng/ul	98
69) Hexachlorobenzene	16.863	284	858698	32.355	ng/ul	96
70) Atrazine	17.010	200	628471	28.411	ng/ul	100
71) Pentachlorophenol	17.210	266	464280	29.967	ng/ul	99
72) Phenanthrene	17.604	178	3847751	32.157	ng/ul	99
74) Anthracene	17.698	178	3802106	31.916	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.610	216	935819	26.101	ng/uL	97
76) Pentachlorobenzene	15.122	250	966337	28.329	ng/uL	99
77) Carbazole	17.963	167	3568918	35.618	ng/ul	99
78) Di-n-butylphthalate	18.492	149	4446850	39.688	ng/ul	100
80) Fluoranthene	19.557	202	4442261	31.763	ng/ul	98
82) Pyrene	19.910	202	4489418	30.298	ng/ul	98
83) Butylbenzylphthalate	20.763	149	1985433	44.629	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.551	252	621093	21.836	ng/ul	100
85) Benzo(a)anthracene	21.627	228	3957456	35.085	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.522	149	2891742	51.660	ng/ul	99
87) Chrysene	21.686	228	3734566	32.882	ng/ul	100
89) Di-n-octyl phthalate	22.516	149	4861035	58.156	ng/ul	100
90) Benzo(b)fluoranthene	23.445	252	3395671	36.702	ng/ul	99
91) Benzo(k)fluoranthene	23.498	252	3282031	34.856	ng/ul	99
93) Benzo(a)pyrene	24.133	252	2788324	34.365	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.004	276	3360052	33.949	ng/ul	99
95) Dibenzo(a,h)anthracene	27.021	278	2779770	34.267	ng/ul	99
96) Benzo(g,h,i)perylene	27.857	276	2753102	32.683	ng/ul	98

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

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