Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051989.D
Acq On : 14 Jan 2022 23:39
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020486

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/18/2022

Quant Time: Jan 17 03:49:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.248	152	23511	20.000	ng/ul	0.00
20) Naphthalene-d8	11.092	136	105402	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.892	164	85733	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.642	188	210508	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.965	240	160258	20.000	ng/ul	# 0.00
88) Perylene-d12	25.466	264	170893	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.572	96	3808	5.788	ng/uL	0.00
4) Pyridine-d5	3.995	84	32764	16.019	ng/ul	-0.01
7) Phenol-d5	7.385	99	43051	18.709	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.549	67	25237	17.277	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.773	132	30584	20.075	ng/ul	0.00
15) 4-Methylphenol-d8	8.947	113	35155	19.653	ng/ul	0.00
21) Nitrobenzene-d5	9.417	128	17154	20.596	ng/ul	0.00
24) 2-Nitrophenol-d4	10.158	143	18544	20.132	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.704	165	38371	21.312	ng/ul	0.00
31) 4-Chloroaniline-d4	11.209	131	51605	20.581	ng/ul	0.00
46) Dimethylphthalate-d6	14.281	166	129409	18.261	ng/ul	0.00
49) Acenaphthylene-d8	14.587	160	165834	19.373	ng/ul	0.00
54) 4-Nitrophenol-d4	15.069	143	23187	19.570	ng/ul	0.00
60) Fluorene-d10	15.885	176	119835	19.395	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.991	200	21157	15.932	ng/ul	0.00
73) Anthracene-d10	17.741	188	193867	19.414	ng/ul	0.00
81) Pyrene-d10	20.021	212	192339	20.854	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.220	264	172628	19.188	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.608	88	4272	5.627	ng/uL#	94
5) Pyridine	4.019	79	32757	15.287	ng/ul	96
6) Benzaldehyde	7.367	77	30180m	19.716	ng/ul	
8) Phenol	7.414	94	43373	18.467	ng/ul#	86
10) Bis(2-Chloroethyl)ether	7.649	93	29806	17.336	ng/ul#	96
12) 2-Chlorophenol	7.808	128	30509	19.685	ng/ul	96
13) 2-Methylphenol	8.683	108	33488	19.607	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.771	45	45917	17.510	ng/ul#	95
16) Acetophenone	9.071	105	53113	18.813	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.047	70	31589	18.315	ng/ul	98
18) 4-Methylphenol	9.012	108	35075	18.959	ng/ul	97
19) Hexachloroethane	9.353	117	12479	18.649	ng/ul#	72
22) Nitrobenzene	9.464	77	46388	17.957	ng/ul	93
23) Isophorone	9.987	82	86701	17.752	ng/ul	99
25) 2-Nitrophenol	10.187	139	19047	18.815	ng/ul	96
26) 2,4-Dimethylphenol	10.234	107	42510	19.353	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.469	93	45058	17.919	ng/ul	98
29) 2,4-Dichlorophenol	10.727	162	35963	20.338	ng/ul	92
30) Naphthalene	11.139	128	110445	19.337	ng/ul	98
32) 4-Chloroaniline	11.238	127	49978	19.559	ng/ul	97
33) Hexachlorobutadiene	11.426	225	26036	18.472	ng/ul	95
34) Caprolactam	11.973	113	15406m	22.386	ng/ul	
35) 4-Chloro-3-methylphenol	12.349	107	43893	21.499	ng/ul	93
36) 2-Methylnaphthalene	12.736	142	81791	20.104	ng/ul	99

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ClientSampleId :
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Manual Integrations APPROVED

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Supervised By :mohammad ahmed 01/18/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.954	142	84409	20.216	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	13.101	216	53395	18.010	ng/ul	93
40) Hexachlorocyclopentadiene	13.083	237	16457	8.090	ng/ul	99
41) 2,4,6-Trichlorophenol	13.330	196	36251	19.346	ng/ul	95
42) 2,4,5-Trichlorophenol	13.406	196	40692	20.144	ng/ul	96
43) 1,1'-Biphenyl	13.729	154	117800	17.798	ng/ul#	96
44) 2-Chloronaphthalene	13.776	162	92223	17.992	ng/ul	98
45) 2-Nitroaniline	13.964	65	37794	19.239	ng/ul	95
47) Dimethylphthalate	14.328	163	124711	17.848	ng/ul	100
48) 2,6-Dinitrotoluene	14.452	165	28140	19.100	ng/ul	94
50) Acenaphthylene	14.616	152	161641	19.176	ng/ul	95
51) 3-Nitroaniline	14.781	138	29423	22.078	ng/ul	99
52) Acenaphthene	14.957	153	105907	18.897	ng/ul	94
53) 2,4-Dinitrophenol	14.986	184	9552	10.997	ng/ul#	88
55) 4-Nitrophenol	15.086	109	24168	17.776	ng/ul	85
56) Dibenzofuran	15.292	168	153042	18.802	ng/ul	99
57) 2,4-Dinitrotoluene	15.239	165	41568	19.515	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.515	232	38257	20.418	ng/ul#	89
59) Diethylphthalate	15.691	149	133487	18.516	ng/ul	97
61) Fluorene	15.938	166	129850	19.144	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.920	204	70582	18.752	ng/ul	94
63) 4-Nitroaniline	15.944	138	30572	22.328	ng/ul	89
66) 4,6-Dinitro-2-methylph...	16.008	198	19281	15.187	ng/ul#	96
67) N-Nitrosodiphenylamine	16.132	169	116354	20.570	ng/ul	97
68) 4-Bromophenyl-phenylether	16.819	248	48508	19.684	ng/ul#	89
69) Hexachlorobenzene	16.954	284	56528	20.682	ng/ul#	84
70) Atrazine	17.072	200	52711	20.086	ng/ul	98
71) Pentachlorophenol	17.289	266	27929	18.298	ng/ul	87
72) Phenanthrene	17.689	178	208109	18.867	ng/ul	99
74) Anthracene	17.777	178	209265	18.953	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.700	216	57167	18.082	ng/uL	96
76) Pentachlorobenzene	15.215	250	64966	21.113	ng/uL	95
77) Carbazole	18.041	167	186323	18.727	ng/ul	96
78) Di-n-butylphthalate	18.581	149	213396	18.145	ng/ul	99
80) Fluoranthene	19.686	202	224955	21.106	ng/ul#	90
82) Pyrene	20.050	202	211292	20.135	ng/ul#	89
83) Butylbenzylphthalate	20.919	149	73306m	20.073	ng/ul	
84) 3,3'-Dichlorobenzidine	21.842	252	73114	19.764	ng/ul#	97
85) Benzo(a)anthracene	21.947	228	204218	19.377	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.824	149	101811	19.062	ng/ul#	97
87) Chrysene	22.018	228	195096	19.224	ng/ul	99
89) Di-n-octyl phthalate	23.128	149	176893	18.738	ng/ul	100
90) Benzo(b)fluoranthene	24.338	252	208075	18.372	ng/ul#	96
91) Benzo(k)fluoranthene	24.415	252	193436	18.473	ng/ul#	97
93) Benzo(a)pyrene	25.290	252	201472	18.797	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.484	276	239668	19.534	ng/ul#	88
95) Dibenzo(a,h)anthracene	29.555	278	207042	19.951	ng/ul#	95
96) Benzo(g,h,i)perylene	30.753	276	196076	19.007	ng/ul#	91

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

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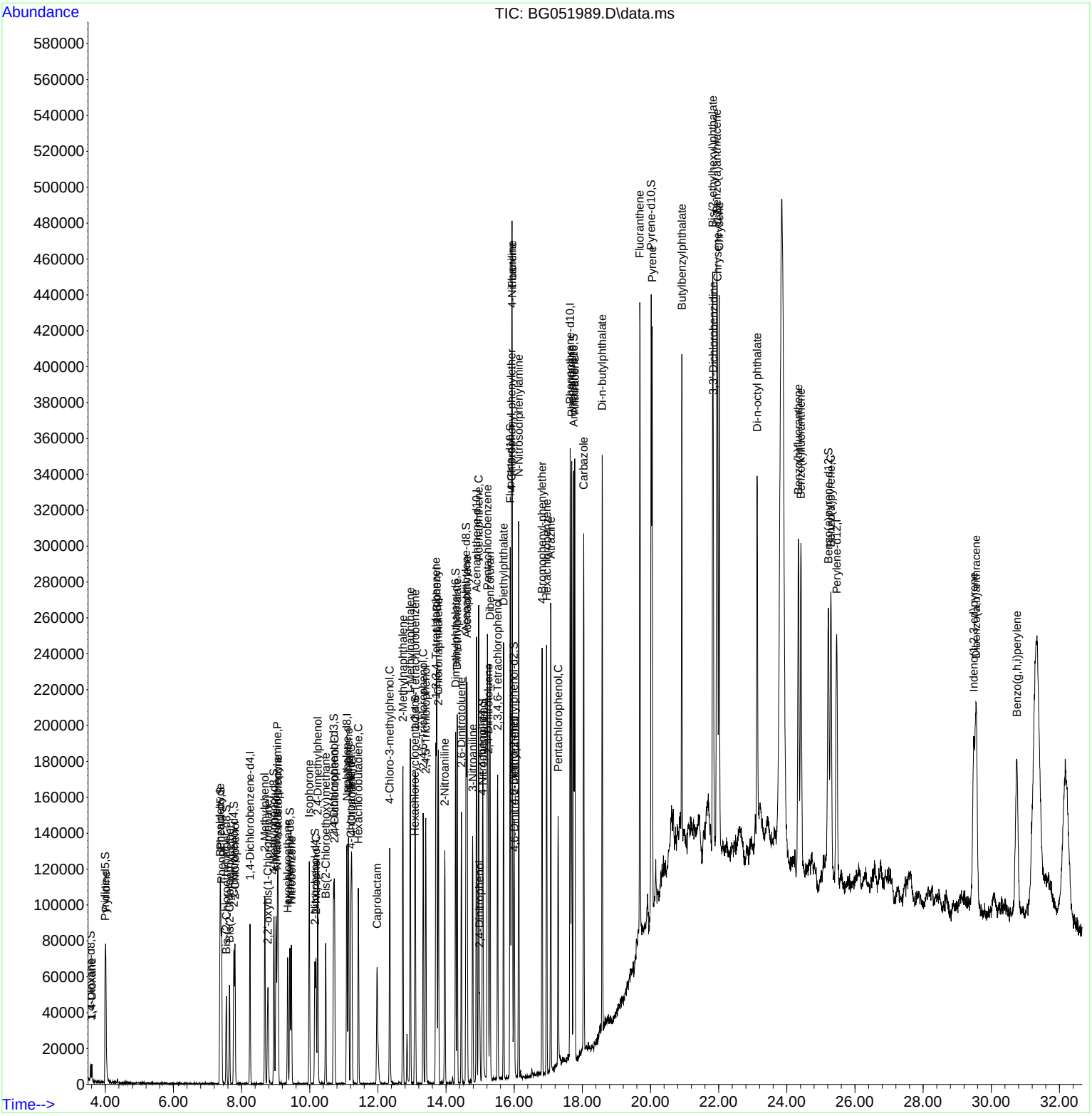
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020486

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/18/2022



Quantitation Report (Qedit)

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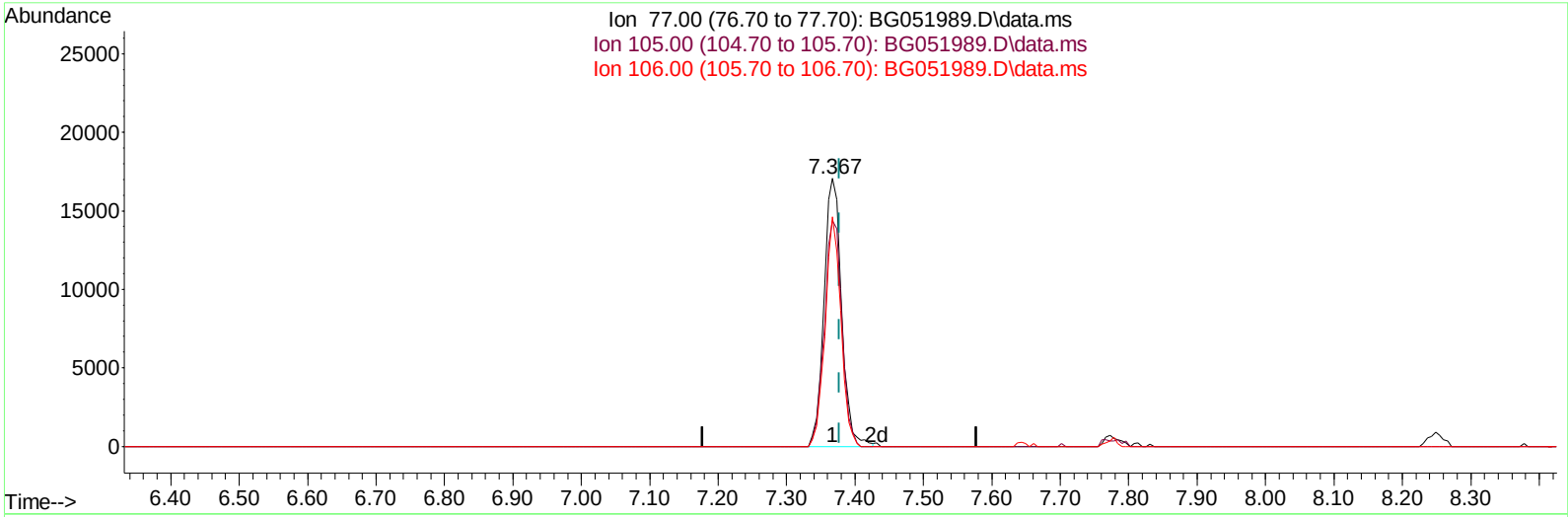

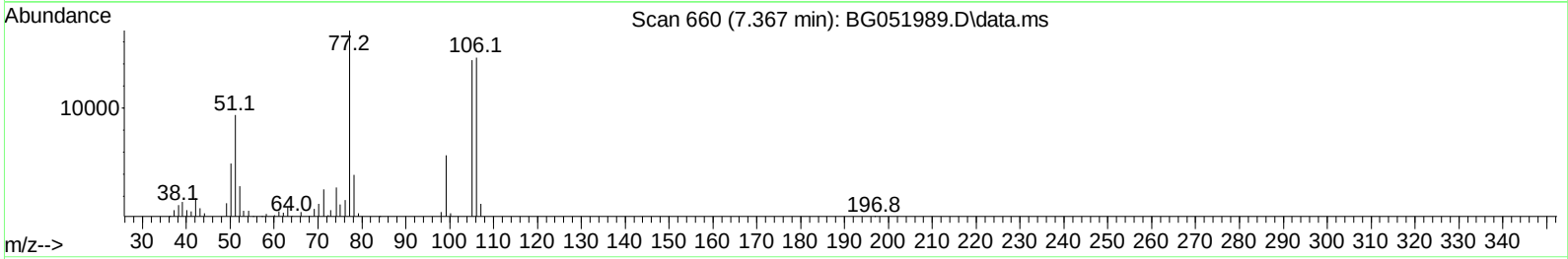

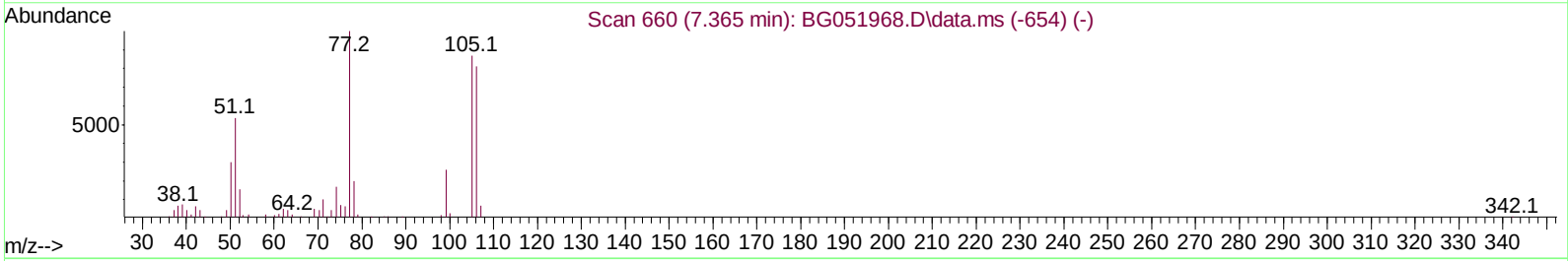

TIC: BG051989.D\data.ms

(6) Benzaldehyde

7.367min (-0.010) 19.90 ng/ul

response 30466

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.00	84.19
106.00	76.50	85.66
0.00	0.00	0.00

Quantitation Report (Qedit)

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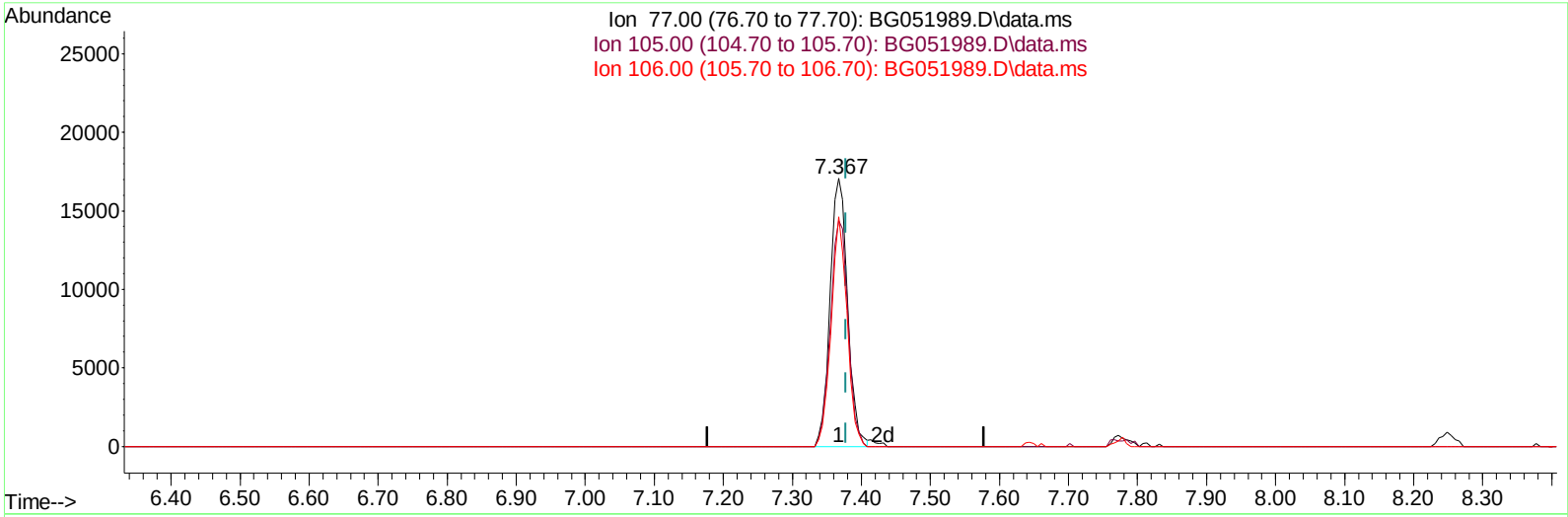

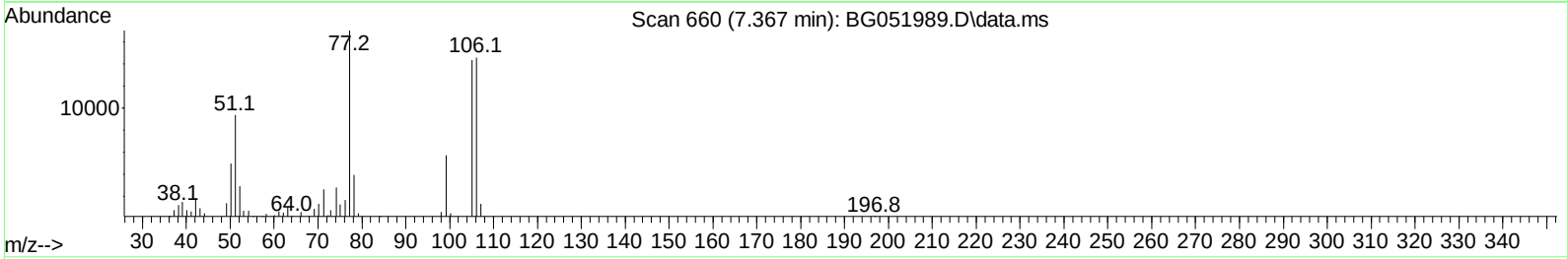

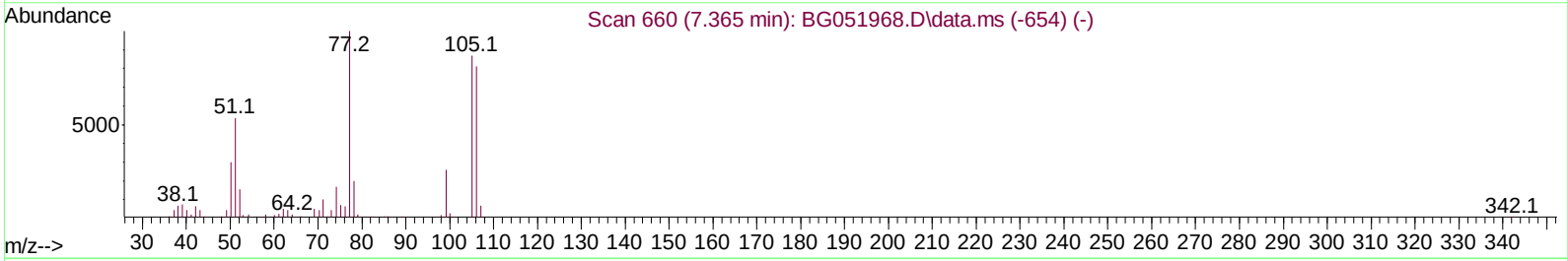

TIC: BG051989.D\data.ms

(6) Benzaldehyde

7.367min (-0.010) 19.72 ng/ul m

response 30180

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.00	84.19
106.00	76.50	85.66
0.00	0.00	0.00

Quantitation Report (Qedit)

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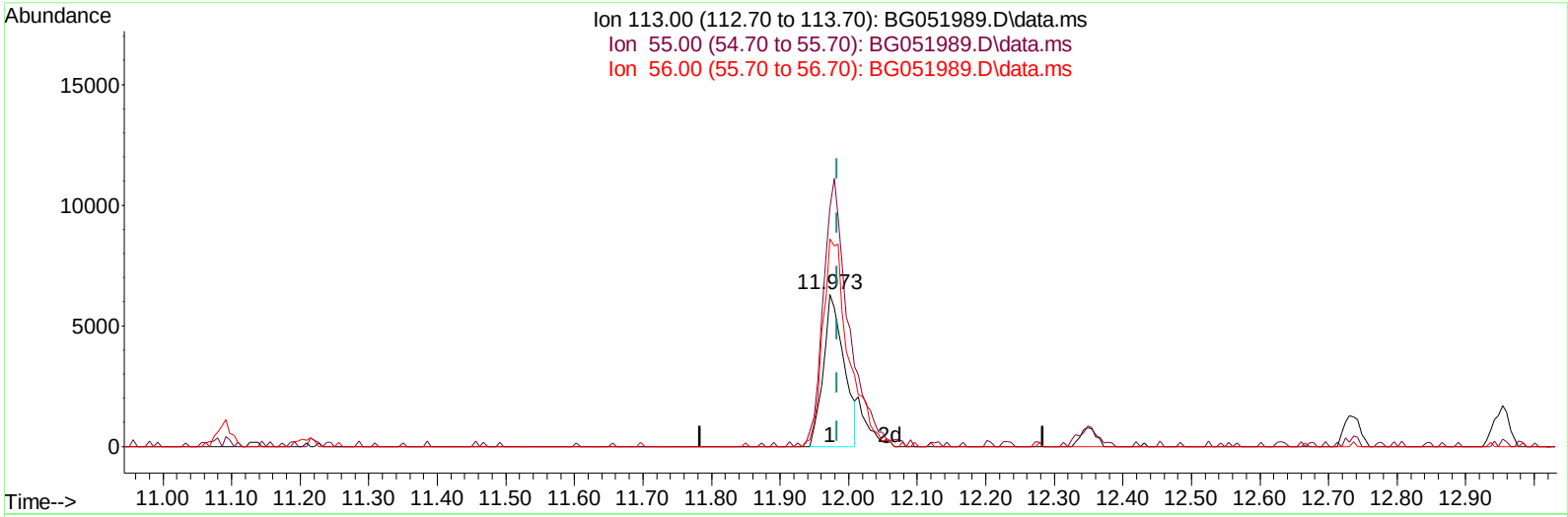

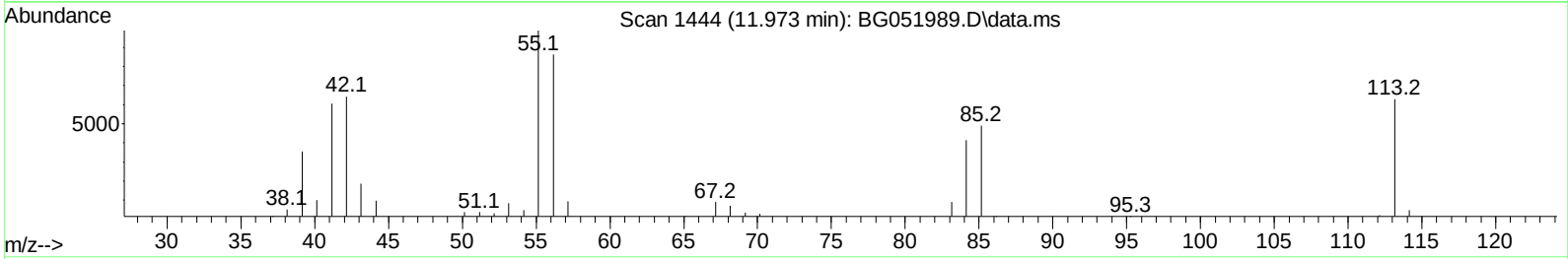

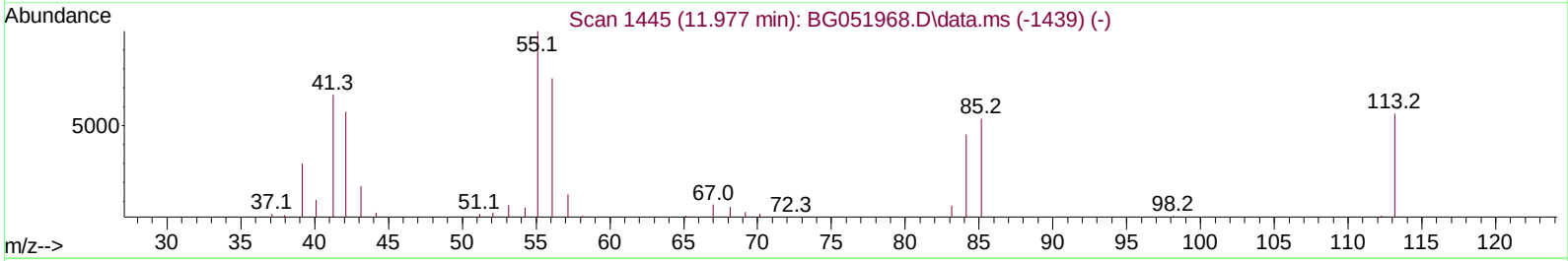

TIC: BG051989.D\data.ms

(34) Caprolactam

11.973min (-0.010) 19.06 ng/ul

response 13119

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	156.76
56.00	136.50	136.71
0.00	0.00	0.00

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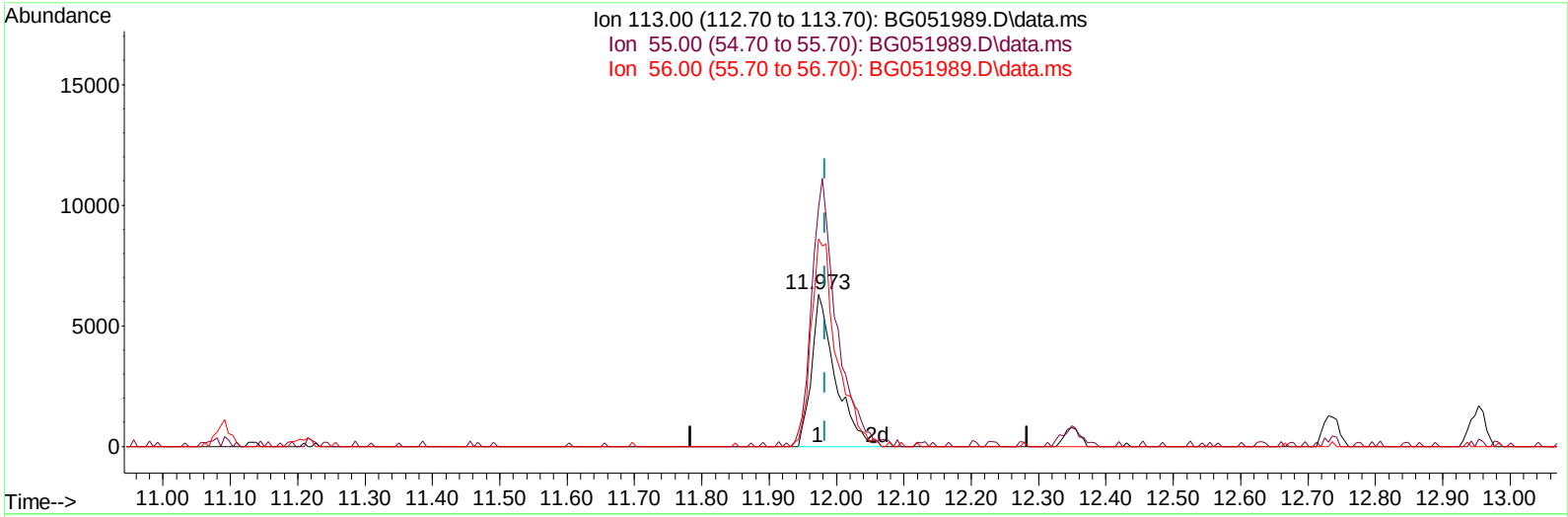

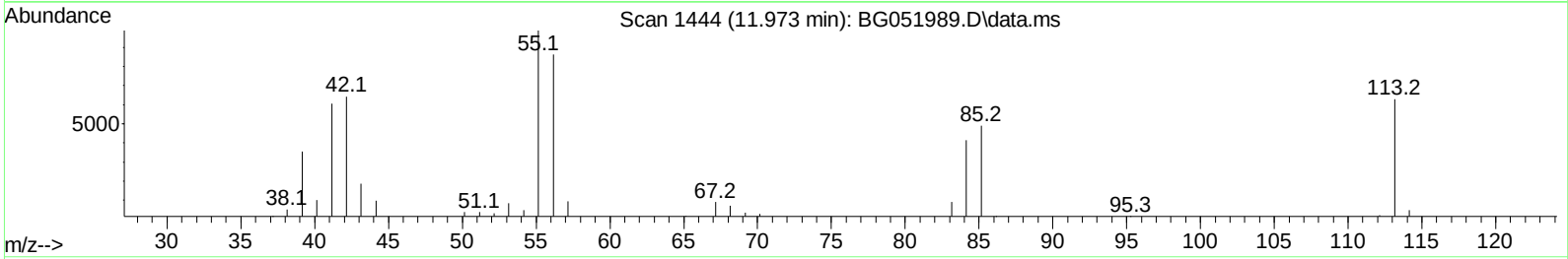

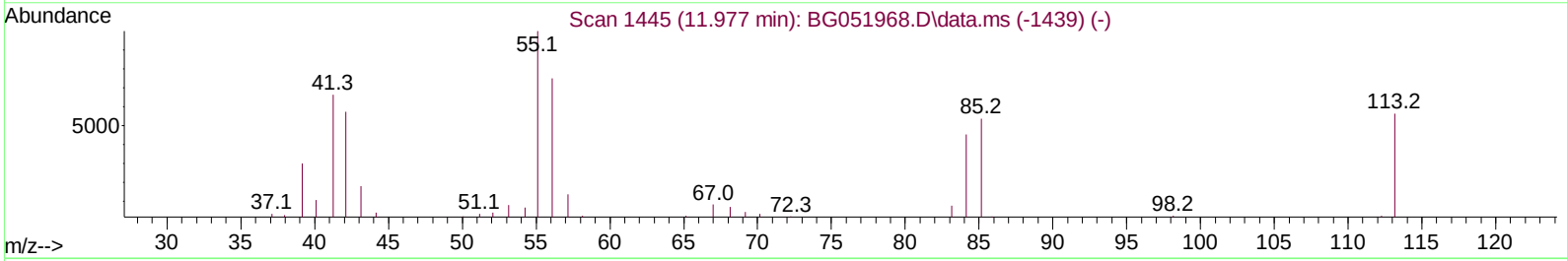

TIC: BG051989.D\data.ms

(34) Caprolactam

11.973min (-0.010) 22.39 ng/ul m

response 15406

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	156.76
56.00	136.50	136.71
0.00	0.00	0.00

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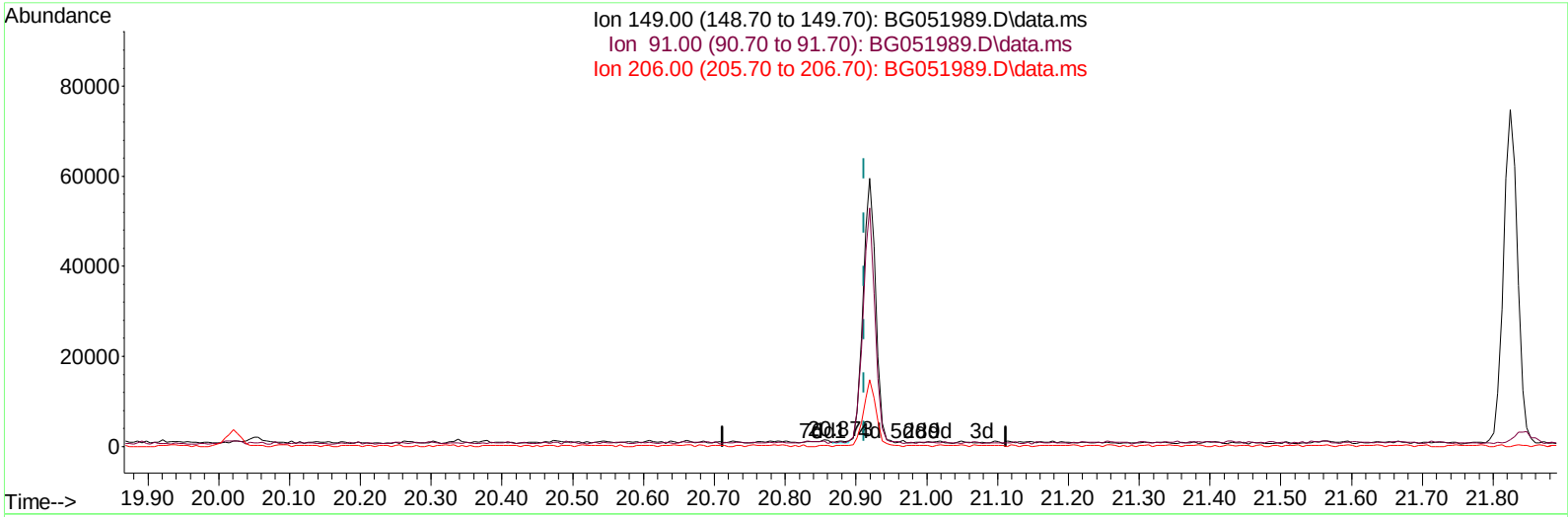

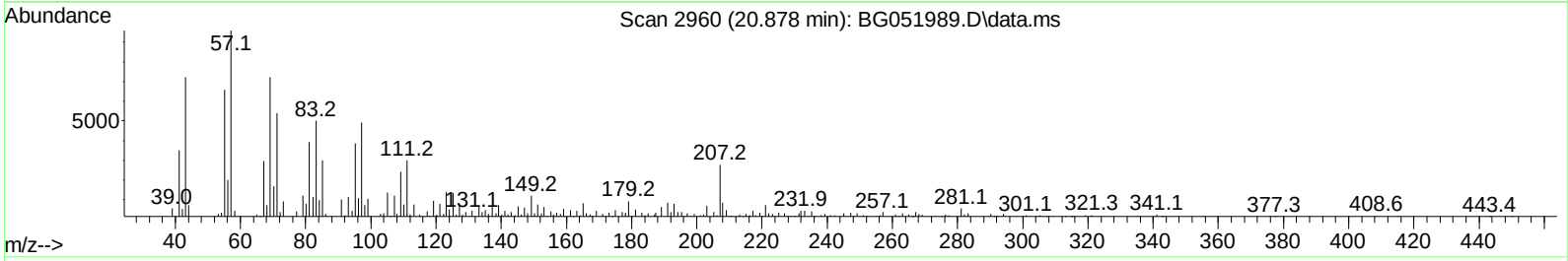

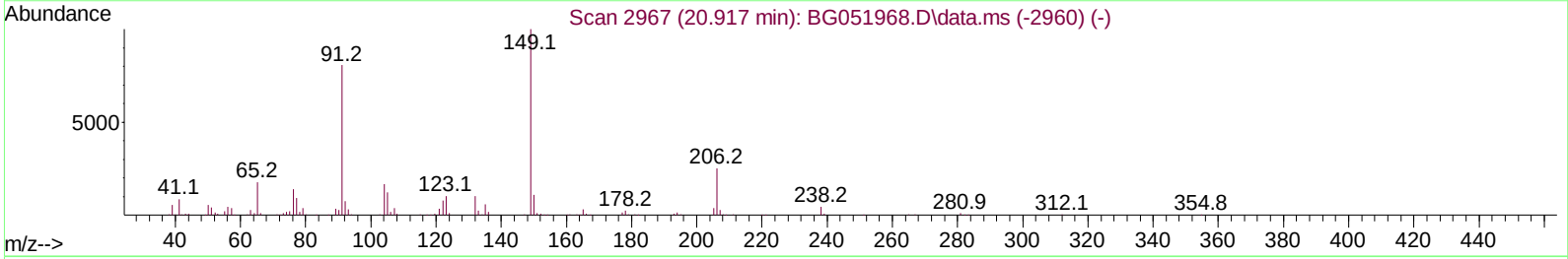

TIC: BG051989.D\data.ms

(83) Butylbenzylphthalate

20.878min (-0.034) 0.14 ng/ul

response 523

Ion	Exp%	Act%
149.00	100.00	100.00
91.00	81.50	86.10
206.00	20.20	18.59
0.00	0.00	0.00

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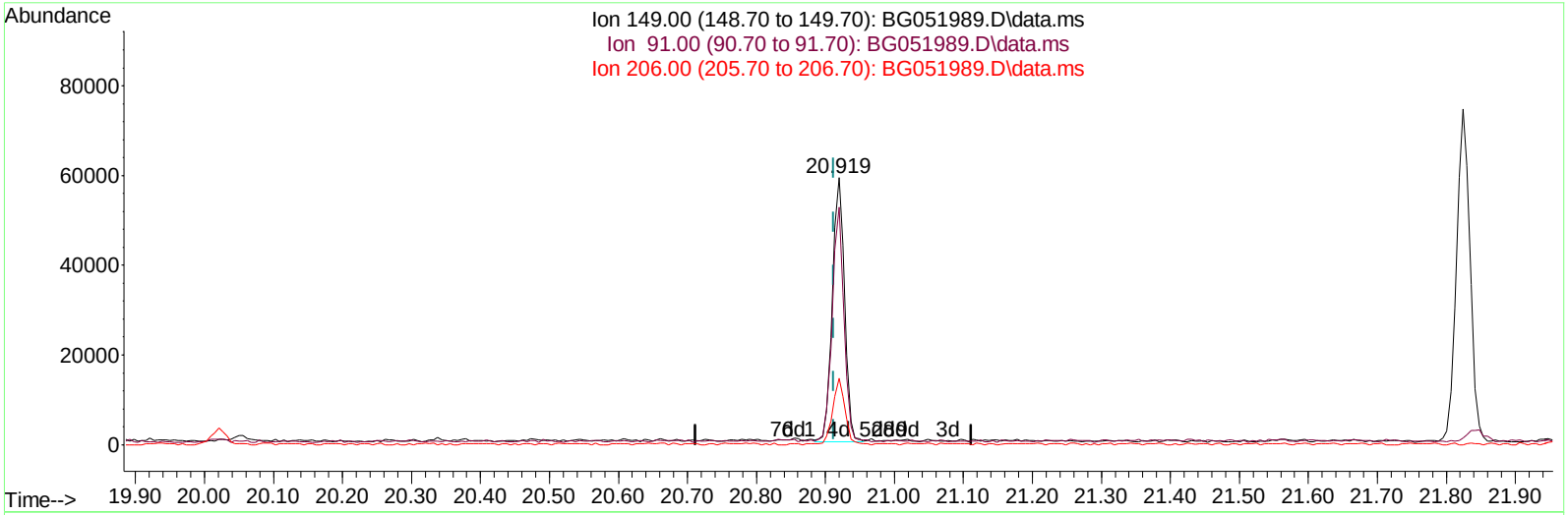
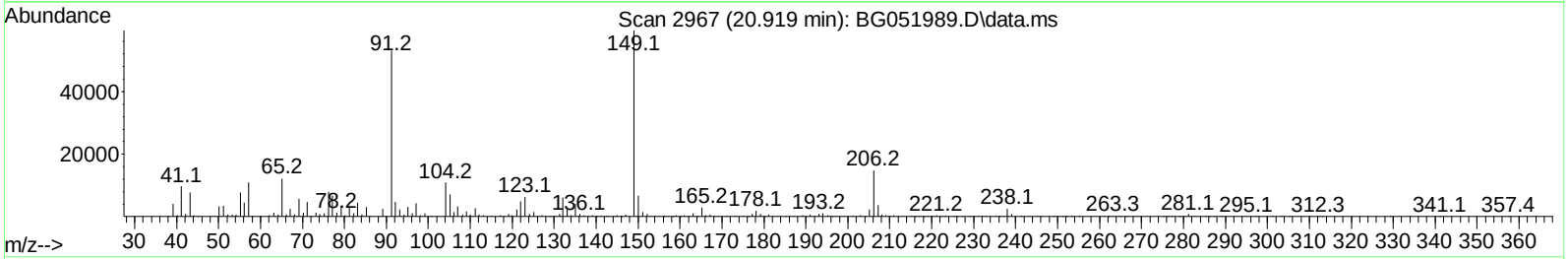
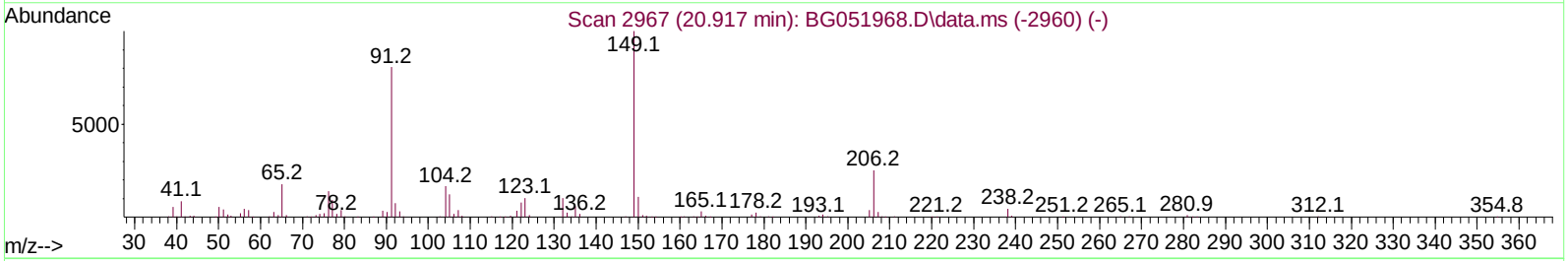
Supervised By :mohammad ahmed 01/18/2022







TIC: BG051989.D\data.ms

(83) Butylbenzylphthalate

20.919min (+ 0.007) 20.07 ng/ul m

response 73306

Ion	Exp%	Act%
149.00	100.00	100.00
91.00	81.50	89.05
206.00	20.20	24.95#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051989.D
Acq On : 14 Jan 2022 23:39
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 17 03:49:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020486

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2022
Supervised By :mohammad ahmed 01/18/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.248	152	23511	20.000	ng/ul	0.00
20) Naphthalene-d8	11.092	136	105402	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.892	164	85733	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.642	188	210508	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.965	240	160258	20.000	ng/ul	# 0.00
88) Perylene-d12	25.466	264	170893	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.572	96	3808	5.788	ng/uL	0.00
4) Pyridine-d5	3.995	84	32764	16.019	ng/ul	-0.01
7) Phenol-d5	7.385	99	43051	18.709	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.549	67	25237	17.277	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.773	132	30584	20.075	ng/ul	0.00
15) 4-Methylphenol-d8	8.947	113	35155	19.653	ng/ul	0.00
21) Nitrobenzene-d5	9.417	128	17154	20.596	ng/ul	0.00
24) 2-Nitrophenol-d4	10.158	143	18544	20.132	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.704	165	38371	21.312	ng/ul	0.00
31) 4-Chloroaniline-d4	11.209	131	51605	20.581	ng/ul	0.00
46) Dimethylphthalate-d6	14.281	166	129409	18.261	ng/ul	0.00
49) Acenaphthylene-d8	14.587	160	165834	19.373	ng/ul	0.00
54) 4-Nitrophenol-d4	15.069	143	23187	19.570	ng/ul	0.00
60) Fluorene-d10	15.885	176	119835	19.395	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.991	200	21157	15.932	ng/ul	0.00
73) Anthracene-d10	17.741	188	193867	19.414	ng/ul	0.00
81) Pyrene-d10	20.021	212	192339	20.854	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.220	264	172628	19.188	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.608	88	4272	5.627	ng/uL#	94
5) Pyridine	4.019	79	32757	15.287	ng/ul	96
6) Benzaldehyde	7.367	77	30180m	19.716	ng/ul	
8) Phenol	7.414	94	43373	18.467	ng/ul#	86
10) Bis(2-Chloroethyl)ether	7.649	93	29806	17.336	ng/ul#	96
12) 2-Chlorophenol	7.808	128	30509	19.685	ng/ul	96
13) 2-Methylphenol	8.683	108	33488	19.607	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.771	45	45917	17.510	ng/ul#	95
16) Acetophenone	9.071	105	53113	18.813	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.047	70	31589	18.315	ng/ul	98
18) 4-Methylphenol	9.012	108	35075	18.959	ng/ul	97
19) Hexachloroethane	9.353	117	12479	18.649	ng/ul#	72
22) Nitrobenzene	9.464	77	46388	17.957	ng/ul	93
23) Isophorone	9.987	82	86701	17.752	ng/ul	99
25) 2-Nitrophenol	10.187	139	19047	18.815	ng/ul	96
26) 2,4-Dimethylphenol	10.234	107	42510	19.353	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.469	93	45058	17.919	ng/ul	98
29) 2,4-Dichlorophenol	10.727	162	35963	20.338	ng/ul	92
30) Naphthalene	11.139	128	110445	19.337	ng/ul	98
32) 4-Chloroaniline	11.238	127	49978	19.559	ng/ul	97
33) Hexachlorobutadiene	11.426	225	26036	18.472	ng/ul	95
34) Caprolactam	11.973	113	15406m	22.386	ng/ul	
35) 4-Chloro-3-methylphenol	12.349	107	43893	21.499	ng/ul	93

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Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.736	142	81791	20.104	ng/ul	99
37) 1-Methylnaphthalene	12.954	142	84409	20.216	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	13.101	216	53395	18.010	ng/ul	93
40) Hexachlorocyclopentadiene	13.083	237	16457	8.090	ng/ul	99
41) 2,4,6-Trichlorophenol	13.330	196	36251	19.346	ng/ul	95
42) 2,4,5-Trichlorophenol	13.406	196	40692	20.144	ng/ul	96
43) 1,1'-Biphenyl	13.729	154	117800	17.798	ng/ul#	96
44) 2-Chloronaphthalene	13.776	162	92223	17.992	ng/ul	98
45) 2-Nitroaniline	13.964	65	37794	19.239	ng/ul	95
47) Dimethylphthalate	14.328	163	124711	17.848	ng/ul	100
48) 2,6-Dinitrotoluene	14.452	165	28140	19.100	ng/ul	94
50) Acenaphthylene	14.616	152	161641	19.176	ng/ul	95
51) 3-Nitroaniline	14.781	138	29423	22.078	ng/ul	99
52) Acenaphthene	14.957	153	105907	18.897	ng/ul	94
53) 2,4-Dinitrophenol	14.986	184	9552	10.997	ng/ul#	88
55) 4-Nitrophenol	15.086	109	24168	17.776	ng/ul	85
56) Dibenzofuran	15.292	168	153042	18.802	ng/ul	99
57) 2,4-Dinitrotoluene	15.239	165	41568	19.515	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.515	232	38257	20.418	ng/ul#	89
59) Diethylphthalate	15.691	149	133487	18.516	ng/ul	97
61) Fluorene	15.938	166	129850	19.144	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.920	204	70582	18.752	ng/ul	94
63) 4-Nitroaniline	15.944	138	30572	22.328	ng/ul	89
66) 4,6-Dinitro-2-methylph...	16.008	198	19281	15.187	ng/ul#	96
67) N-Nitrosodiphenylamine	16.132	169	116354	20.570	ng/ul	97
68) 4-Bromophenyl-phenylether	16.819	248	48508	19.684	ng/ul#	89
69) Hexachlorobenzene	16.954	284	56528	20.682	ng/ul#	84
70) Atrazine	17.072	200	52711	20.086	ng/ul	98
71) Pentachlorophenol	17.289	266	27929	18.298	ng/ul	87
72) Phenanthrene	17.689	178	208109	18.867	ng/ul	99
74) Anthracene	17.777	178	209265	18.953	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.700	216	57167	18.082	ng/uL	96
76) Pentachlorobenzene	15.215	250	64966	21.113	ng/uL	95
77) Carbazole	18.041	167	186323	18.727	ng/ul	96
78) Di-n-butylphthalate	18.581	149	213396	18.145	ng/ul	99
80) Fluoranthene	19.686	202	224955	21.106	ng/ul#	90
82) Pyrene	20.050	202	211292	20.135	ng/ul#	89
83) Butylbenzylphthalate	20.919	149	73306m	20.073	ng/ul	
84) 3,3'-Dichlorobenzidine	21.842	252	73114	19.764	ng/ul#	97
85) Benzo(a)anthracene	21.947	228	204218	19.377	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.824	149	101811	19.062	ng/ul#	97
87) Chrysene	22.018	228	195096	19.224	ng/ul	99
89) Di-n-octyl phthalate	23.128	149	176893	18.738	ng/ul	100
90) Benzo(b)fluoranthene	24.338	252	208075	18.372	ng/ul#	96
91) Benzo(k)fluoranthene	24.415	252	193436	18.473	ng/ul#	97
93) Benzo(a)pyrene	25.290	252	201472	18.797	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.484	276	239668	19.534	ng/ul#	88
95) Dibenzo(a,h)anthracene	29.555	278	207042	19.951	ng/ul#	95
96) Benzo(g,h,i)perylene	30.753	276	196076	19.007	ng/ul#	91

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

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