Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071221\
Data File : BG049301.D
Acq On : 12 Jul 2021 15:15
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 12 16:02:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020208

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.067	152	23765	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.888	136	101332	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.713	164	74775	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.462	188	184942	20.000	ng/ul	0.00
79) Chrysene-d12	21.746	240	194810	20.000	ng/ul	0.00
88) Perylene-d12	25.042	264	201301	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.455	96	5052m	10.000	ng/uL	-0.01
4) Pyridine-d5	3.884	84	29365	19.767	ng/ul	0.00
7) Phenol-d5	7.221	99	44384	21.471	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.392	67	26474	22.081	ng/ul	0.00
11) 2-Chlorophenol-d4	7.597	132	34311	22.457	ng/ul	0.00
15) 4-Methylphenol-d8	8.773	113	37953	22.914	ng/ul	0.00
21) Nitrobenzene-d5	9.231	128	17260	22.197	ng/ul	0.00
24) 2-Nitrophenol-d4	9.965	143	20214	22.646	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.506	165	39671	22.777	ng/ul	0.00
31) 4-Chloroaniline-d4	11.023	131	47242	20.814	ng/ul	0.00
46) Dimethylphthalate-d6	14.113	166	134710	23.425	ng/ul	0.00
49) Acenaphthylene-d8	14.407	160	152587	22.614	ng/ul	0.00
54) 4-Nitrophenol-d4	14.907	143	20710	21.758	ng/ul	0.00
60) Fluorene-d10	15.706	176	112719	23.151	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.823	200	22101	18.801	ng/ul	0.00
73) Anthracene-d10	17.562	188	192650	22.879	ng/ul	0.00
81) Pyrene-d10	19.848	212	232984	23.334	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.813	264	238841	22.824	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.490	88	5914	9.612	ng/uL	86
5) Pyridine	3.896	79	31774	19.280	ng/ul	92
6) Benzaldehyde	7.198	77	31764	25.542	ng/ul	87
8) Phenol	7.245	94	44905	21.721	ng/ul#	87
10) Bis(2-Chloroethyl)ether	7.480	93	34345	22.343	ng/ul#	81
12) 2-Chlorophenol	7.627	128	33959	22.021	ng/ul	96
13) 2-Methylphenol	8.508	108	34858	22.136	ng/ul	89
14) 2,2'-oxybis(1-Chloropr...	8.596	45	57649	23.316	ng/ul	97
16) Acetophenone	8.896	105	61199	22.525	ng/ul#	93
17) N-Nitroso-di-n-propyla...	8.872	70	32614	23.624	ng/ul#	88
18) 4-Methylphenol	8.837	108	37649	22.981	ng/ul	94
19) Hexachloroethane	9.160	117	16207	23.211	ng/ul	90
22) Nitrobenzene	9.278	77	49447	22.549	ng/ul#	95
23) Isophorone	9.801	82	88497	23.363	ng/ul	99
25) 2-Nitrophenol	9.995	139	21465	23.571	ng/ul	91
26) 2,4-Dimethylphenol	10.048	107	46520	23.071	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.288	93	46060	22.807	ng/ul#	87
29) 2,4-Dichlorophenol	10.535	162	36558	22.971	ng/ul	94
30) Naphthalene	10.941	128	114549	22.673	ng/ul	100
32) 4-Chloroaniline	11.046	127	46350	20.712	ng/ul	93
33) Hexachlorobutadiene	11.223	225	29895	22.151	ng/ul	92
34) Caprolactam	11.834	113	12949m	23.389	ng/ul	
35) 4-Chloro-3-methylphenol	12.163	107	44078	24.794	ng/ul	93
36) 2-Methylnaphthalene	12.545	142	91047	23.719	ng/ul	91

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.762	142	87231	22.851	ng/ul#	87
39) 1,2,4,5-Tetrachloroben...	12.909	216	54279	23.111	ng/ul	95
40) Hexachlorocyclopentadiene	12.891	237	29572	18.959	ng/ul	98
41) 2,4,6-Trichlorophenol	13.150	196	35360	23.275	ng/ul	96
42) 2,4,5-Trichlorophenol	13.220	196	35893	22.213	ng/ul	96
43) 1,1'-Biphenyl	13.543	154	116423	23.046	ng/ul	96
44) 2-Chloronaphthalene	13.590	162	90570	22.882	ng/ul	95
45) 2-Nitroaniline	13.790	65	36086	24.867	ng/ul	93
47) Dimethylphthalate	14.160	163	126189	23.641	ng/ul#	99
48) 2,6-Dinitrotoluene	14.284	165	26607	23.146	ng/ul	94
50) Acenaphthylene	14.437	152	142861	23.807	ng/ul	97
51) 3-Nitroaniline	14.613	138	24867	23.756	ng/ul	92
52) Acenaphthene	14.777	153	100270	23.008	ng/ul	97
53) 2,4-Dinitrophenol	14.824	184	14445	19.828	ng/ul	91
55) 4-Nitrophenol	14.924	109	26457	22.019	ng/ul	91
56) Dibenzofuran	15.112	168	145264	23.520	ng/ul	94
57) 2,4-Dinitrotoluene	15.071	165	40445	24.382	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.341	232	33669	22.220	ng/ul#	95
59) Diethylphthalate	15.523	149	136959	23.871	ng/ul	99
61) Fluorene	15.764	166	122192	23.376	ng/ul#	89
62) 4-Chlorophenyl-phenyle...	15.753	204	69317	24.122	ng/ul	98
63) 4-Nitroaniline	15.776	138	27718	26.974	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.835	198	21491	19.212	ng/ul#	97
67) N-Nitrosodiphenylamine	15.964	169	104904	22.279	ng/ul	98
68) 4-Bromophenyl-phenylether	16.646	248	45459	22.038	ng/ul	96
69) Hexachlorobenzene	16.769	284	54003	23.117	ng/ul	95
70) Atrazine	16.910	200	45815	21.260	ng/ul	98
71) Pentachlorophenol	17.116	266	31181	22.364	ng/ul	97
72) Phenanthrene	17.509	178	208920	23.160	ng/ul	99
74) Anthracene	17.598	178	211878	22.993	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.514	216	54858	21.743	ng/uL	95
76) Pentachlorobenzene	15.030	250	58258	21.766	ng/uL	97
77) Carbazole	17.868	167	191050	23.241	ng/ul	98
78) Di-n-butylphthalate	18.420	149	229611	22.325	ng/ul	99
80) Fluoranthene	19.513	202	271839	23.409	ng/ul	98
82) Pyrene	19.877	202	270441	23.373	ng/ul	99
83) Butylbenzylphthalate	20.759	149	101551	22.356	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.640	252	102556	22.532	ng/ul	97
85) Benzo(a)anthracene	21.728	228	272301	22.745	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.628	149	145144	21.907	ng/ul	99
87) Chrysene	21.793	228	253833	22.415	ng/ul	98
89) Di-n-octyl phthalate	22.862	149	248145	21.900	ng/ul	100
90) Benzo(b)fluoranthene	23.990	252	280630	22.598	ng/ul#	99
91) Benzo(k)fluoranthene	24.061	252	277329	22.904	ng/ul	99
93) Benzo(a)pyrene	24.877	252	244161	22.341	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.796	276	316657	22.457	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.861	278	267887	22.937	ng/ul	99
96) Benzo(g,h,i)perylene	29.971	276	265385m	22.764	ng/ul	

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

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Manual Integrations APPROVED
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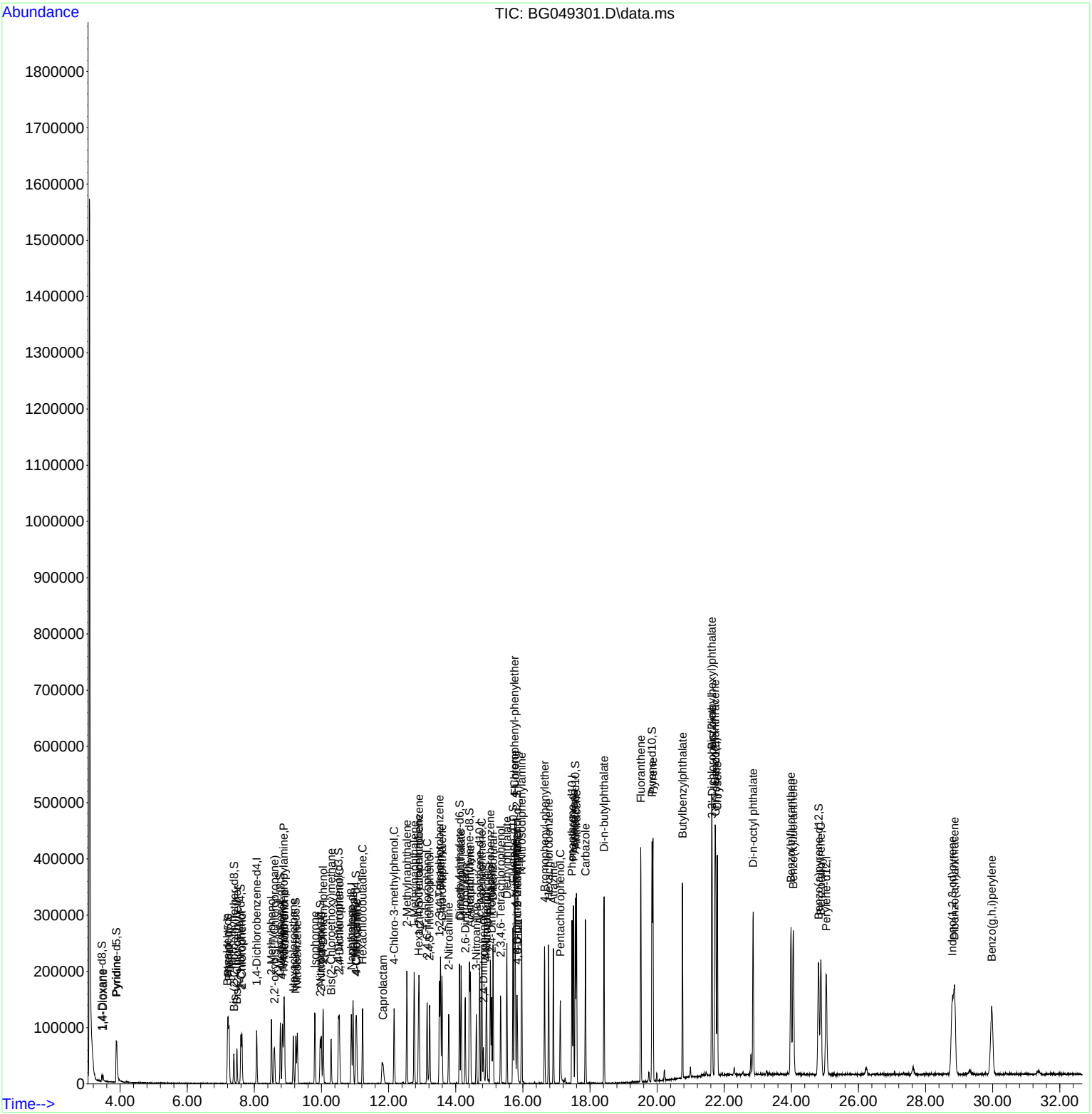

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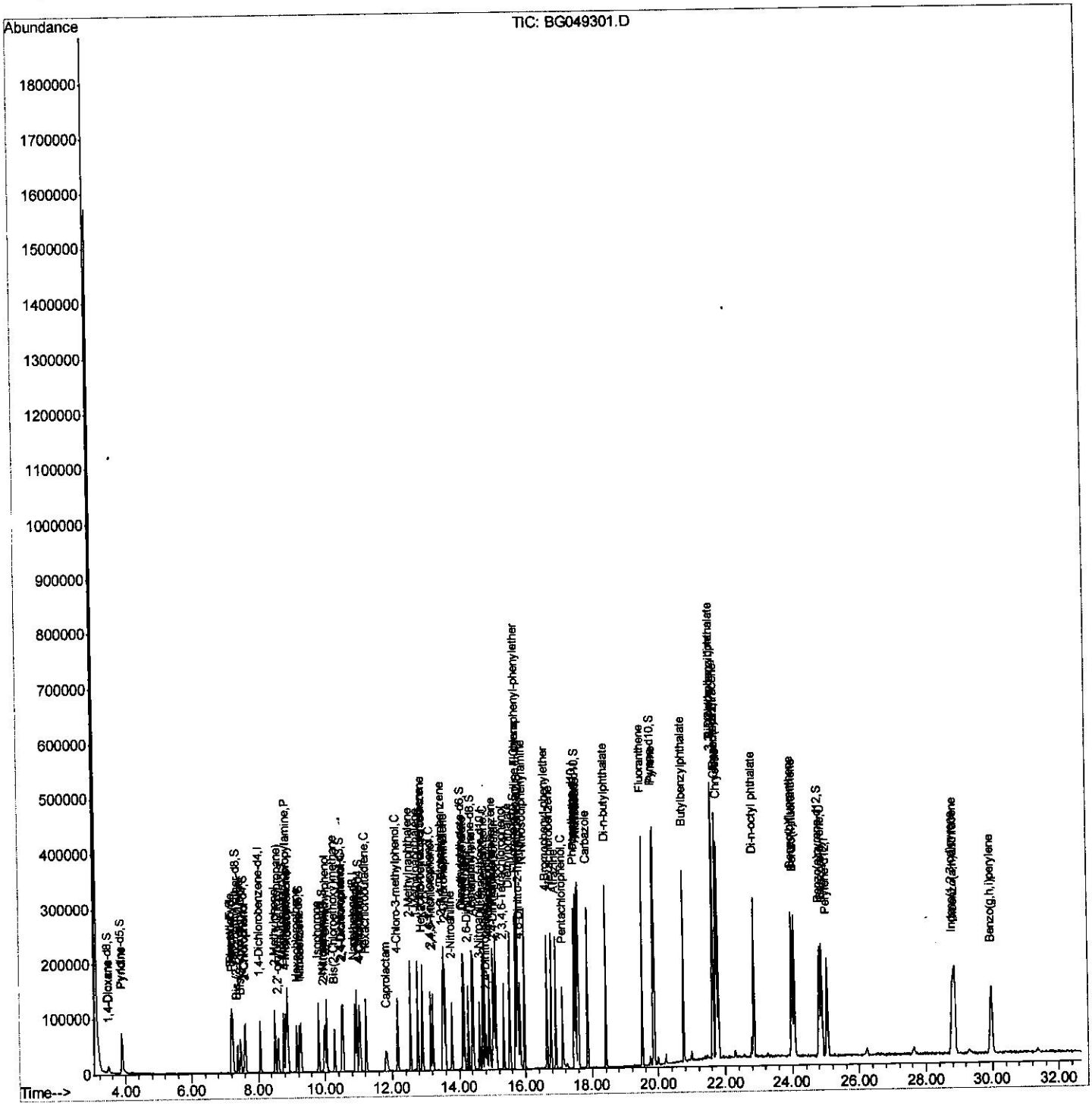

Quantitation Report (Qedit)

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Acq On : 12 Jul 2021 15:15
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ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 21 02:40:39 2021
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 20 10:07:35 2021
Response via : Initial Calibration

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BNA_G
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Manual Integrations APPROVED
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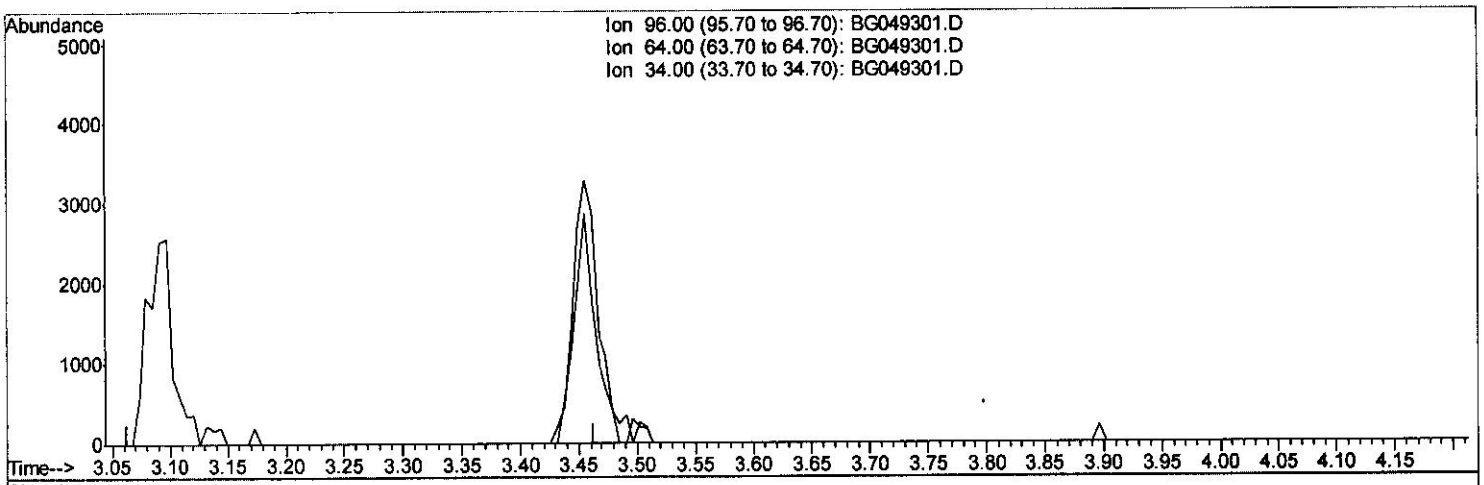
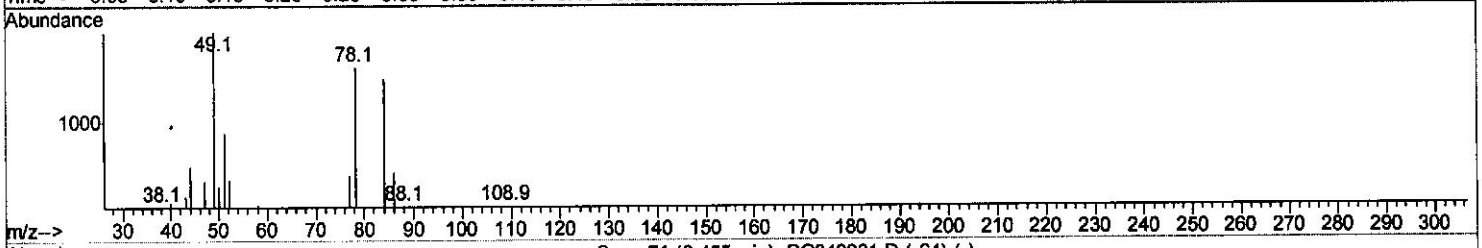
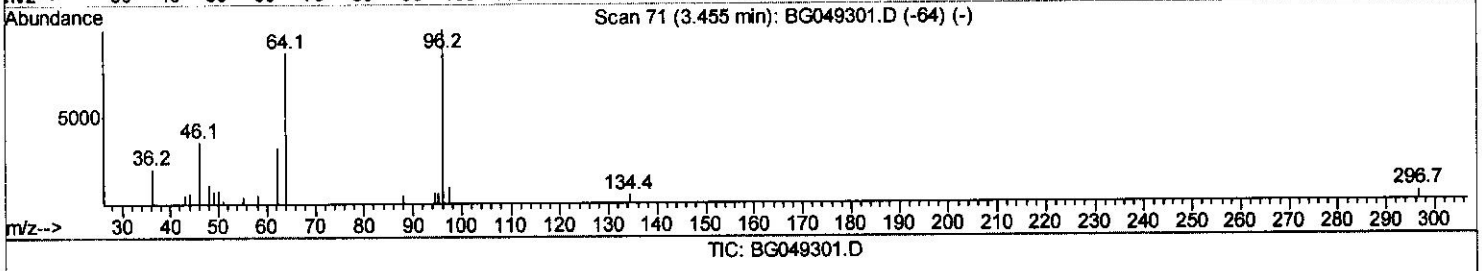
7/13/2021 4:40:05 PM







TIC: BG049301.D

(3) 1,4-Dioxane-d8 (S)

3.263min (-3.263) 0.00ng/uL

response 0

Ion	Exp%	Act%
96.00	100	0.00
64.00	80.00	0.00#
34.00	0.00	0.00
0.00	0.00	0.00

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Manual Integrations APPROVED
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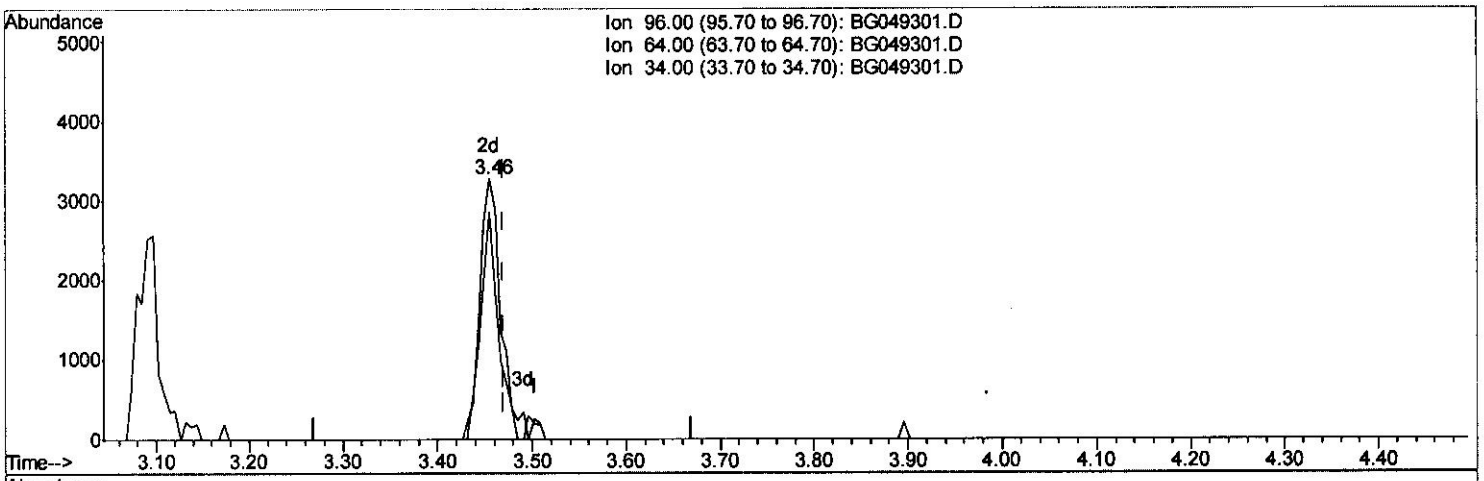

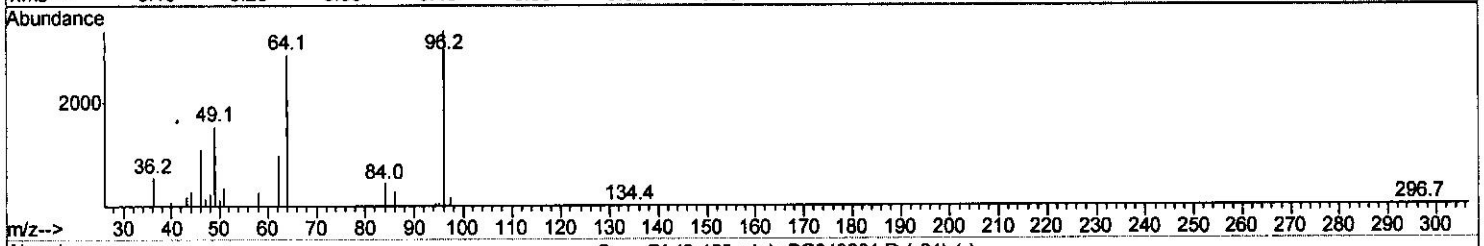

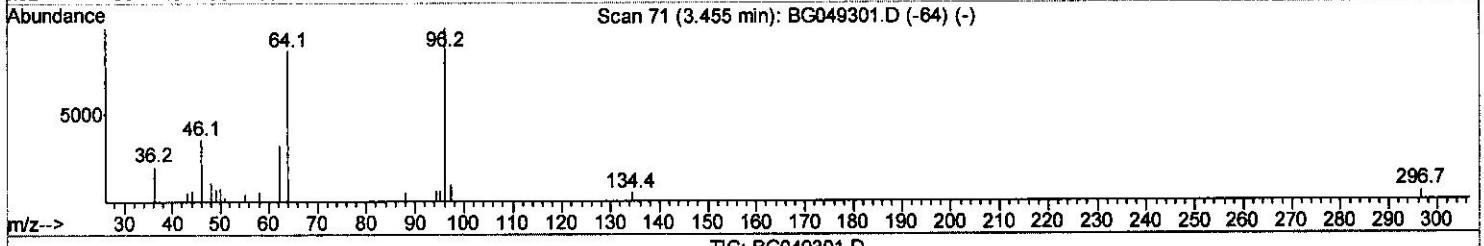

TIC: BG049301.D

(3) 1,4-Dioxane-d8 (S)

3.455min (-0.014) 10.00ng/uL m } VV, 7-20-21

response 5052

Ion	Exp%	Act%
96.00	100	100
64.00	62.20	87.14#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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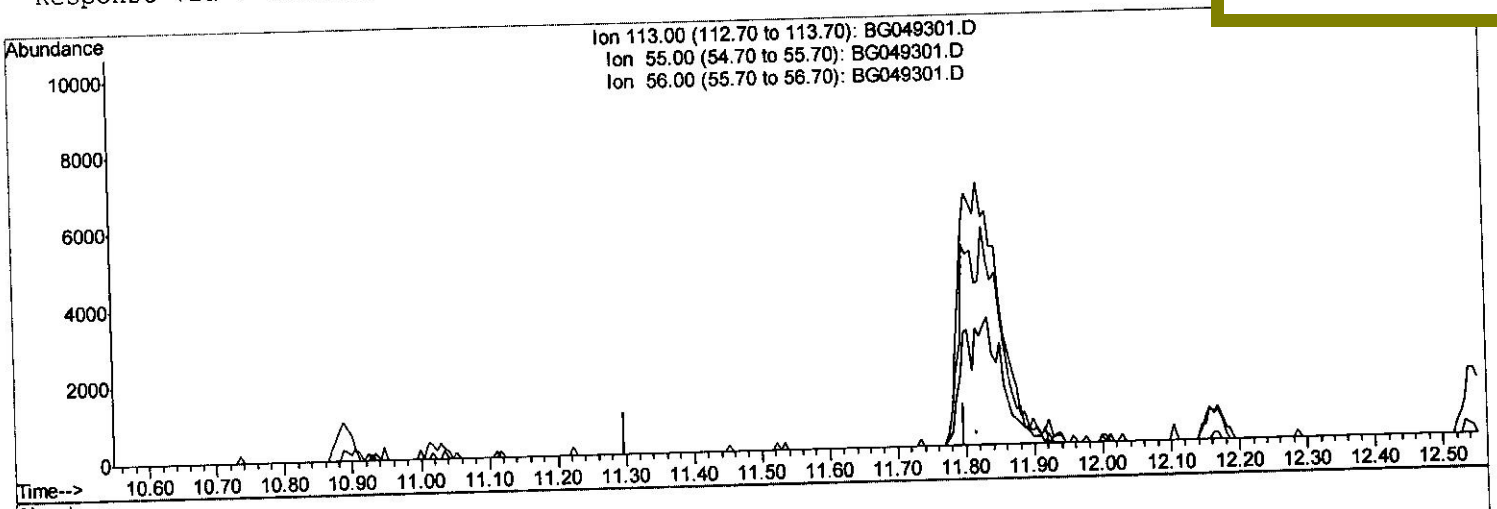

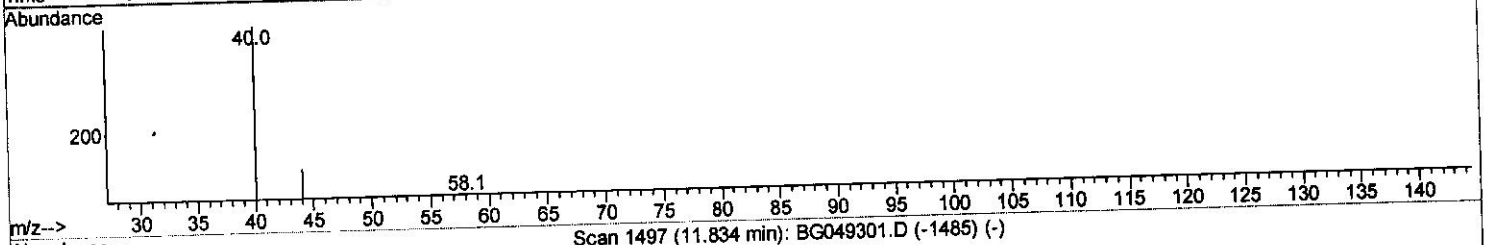

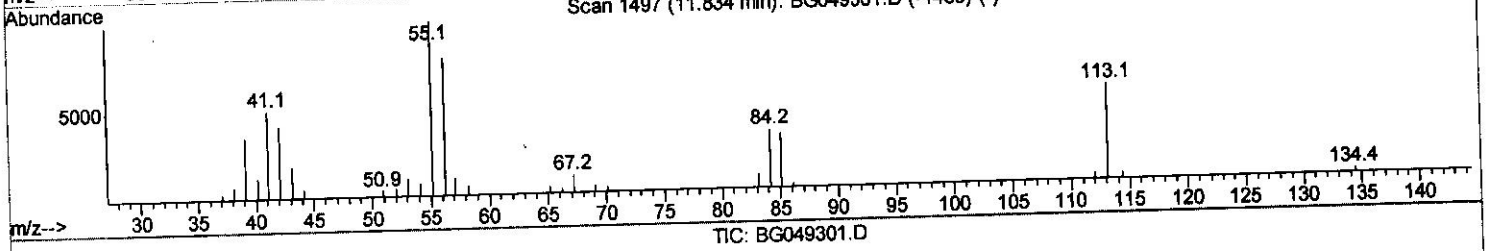

TIC: BG049301.D

(34) Caprolactam

11.498min (-11.498) 0.00ng/ul

response 0

Ion	Exp%	Act%
113.00	100	0.00
55.00	194.00	0.00#
56.00	127.40	0.00#
0.00	0.00	0.00

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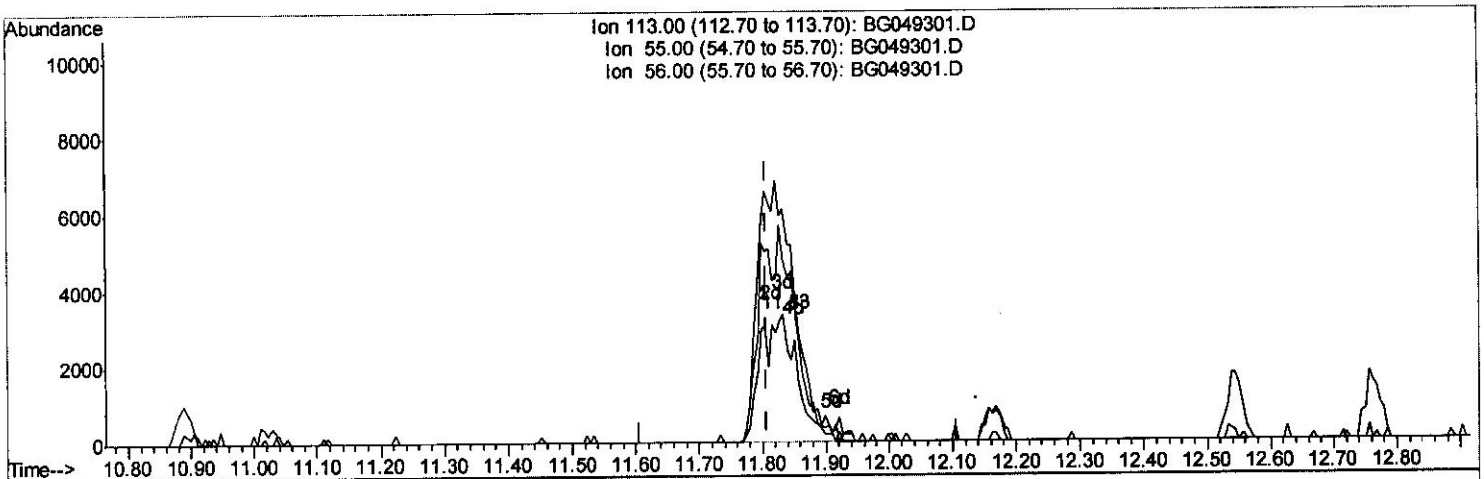

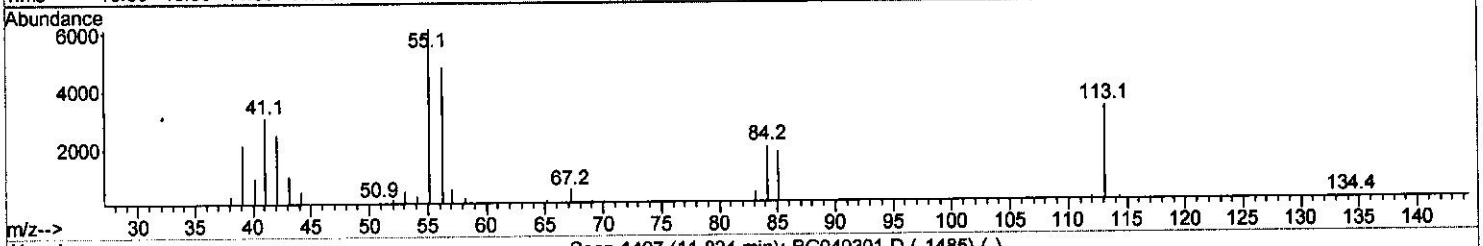

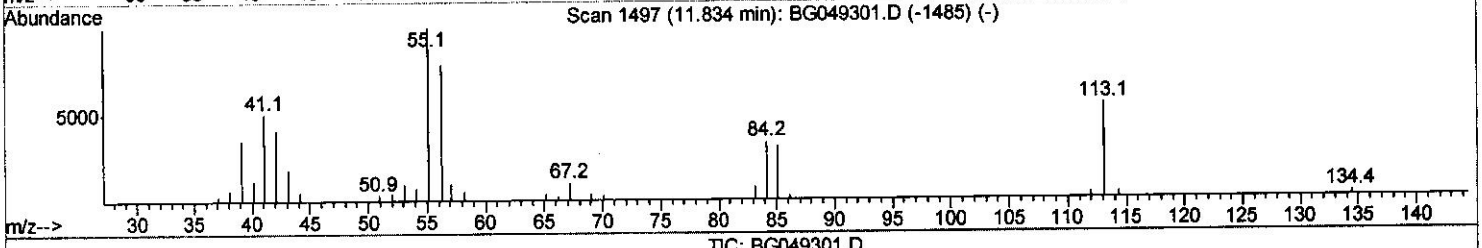

TIC: BG049301.D

(34) Caprolactam

11.834min (+0.027) 23.39ng/ul m] V.V 7-20-21

response 12949

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	183.01
56.00	171.90	143.93
0.00	0.00	0.00

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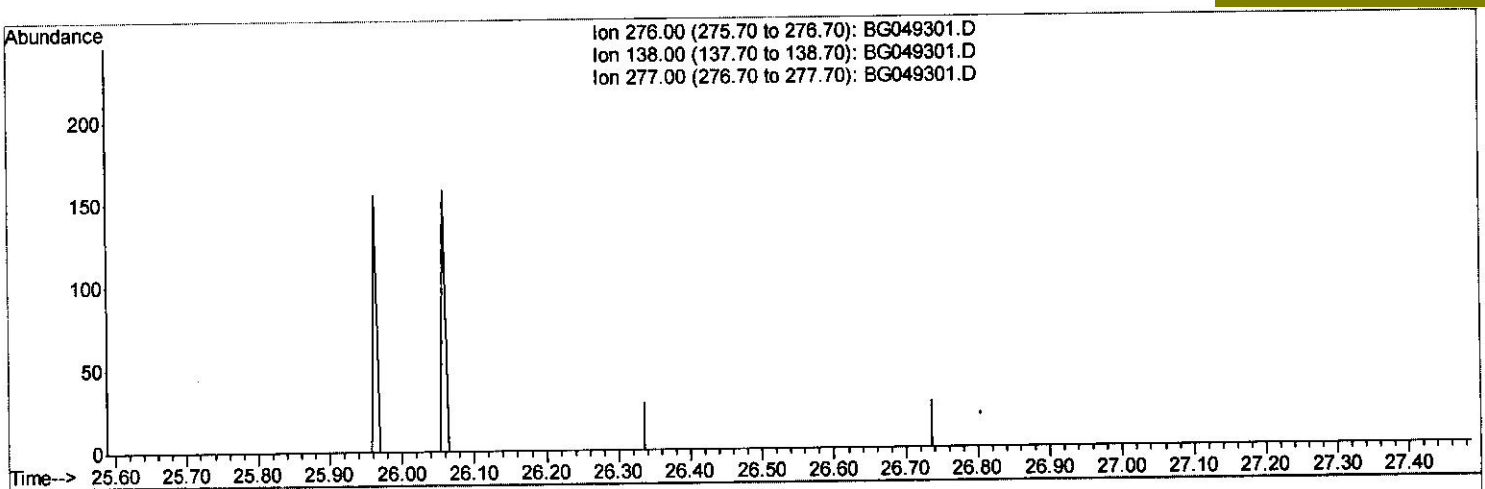

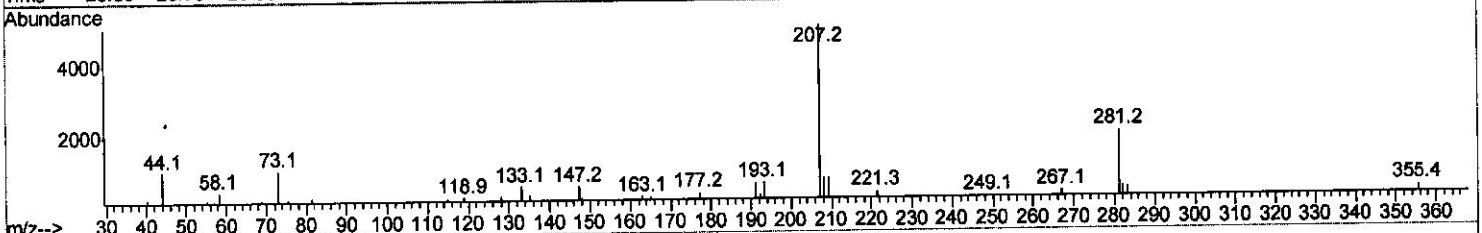

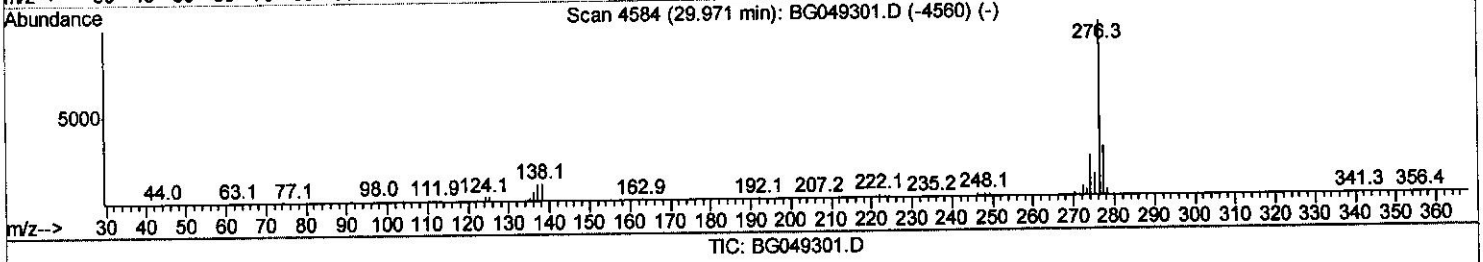

TIC: BG049301.D

(96) Benzo(g,h,i)perylene

26.538min (-26.538) 0.00ng/ul

response 0

Ion	Exp%	Act%
276.00	100	0.00
138.00	20.60	0.00#
277.00	23.10	0.00#
0.00	0.00	0.00

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020208

Manual Integrations APPROVED
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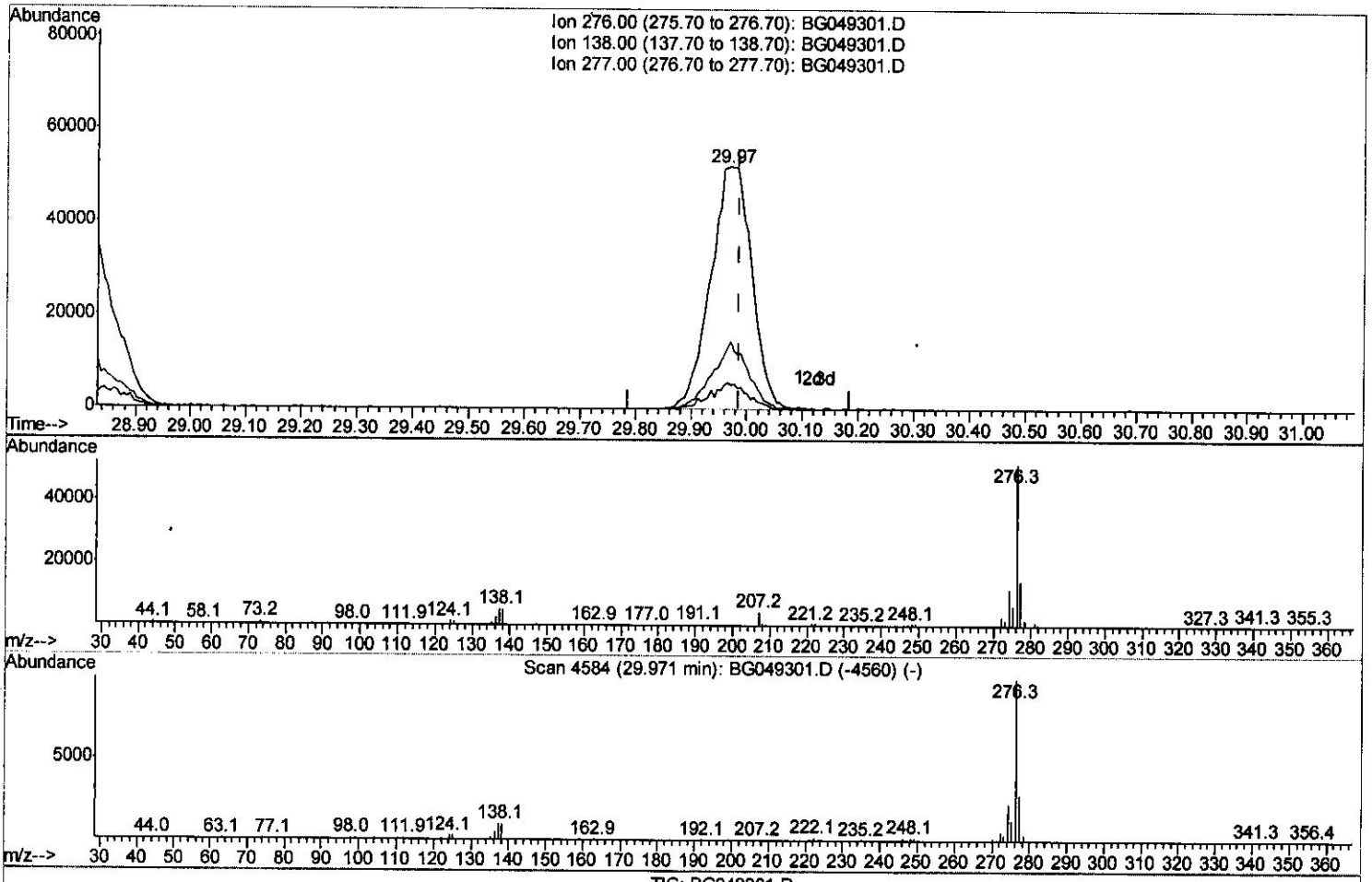

TIC: BG049301.D

(96) Benzo(g,h,i)perylene

29.971min (-0.014) 22.76ng/ul m

response 265385

Ion	Exp%	Act%
276.00	100	100
138.00	9.00	9.87
277.00	20.40	27.86#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071221\
Data File : BG049301.D
Acq On : 12 Jul 2021 15:15
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 12 16:07:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
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ClientSampleId : SSTD020208

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	23765	20.00	ng/ul	-0.01
20) Naphthalene-d8	10.89	136	101332	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.71	164	74775	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.46	188	184942	20.00	ng/ul	0.00
79) Chrysene-d12	21.75	240	194810	20.00	ng/ul	0.00
88) Perylene-d12	25.04	264	201301	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	5052m	10.00	ng/uL	-0.01
4) Pyridine-d5	3.88	84	29365	19.77	ng/ul	0.00
7) Phenol-d5	7.22	99	44384	21.47	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.39	67	26474	22.08	ng/ul	0.00
11) 2-Chlorophenol-d4	7.60	132	34311	22.46	ng/ul	0.00
15) 4-Methylphenol-d8	8.77	113	37953	22.91	ng/ul	0.00
21) Nitrobenzene-d5	9.23	128	17260	22.20	ng/ul	0.00
24) 2-Nitrophenol-d4	9.97	143	20214	22.65	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.51	165	39671	22.78	ng/ul	0.00
31) 4-Chloroaniline-d4	11.02	131	47242	20.81	ng/ul	0.00
46) Dimethylphthalate-d6	14.11	166	134710	23.43	ng/ul	0.00
49) Acenaphthylene-d8	14.41	160	152587	22.61	ng/ul	0.00
54) 4-Nitrophenol-d4	14.91	143	20710	21.76	ng/ul	0.00
60) Fluorene-d10	15.71	176	112719	23.15	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.82	200	22101	18.80	ng/ul	0.00
73) Anthracene-d10	17.56	188	192650	22.88	ng/ul	0.00
81) Pyrene-d10	19.85	212	232984	23.33	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.81	264	238841	22.82	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	5914	9.612	ng/uL	86
5) Pyridine	3.90	79	31774	19.280	ng/ul	92
6) Benzaldehyde	7.20	77	31764	25.542	ng/ul	87
8) Phenol	7.24	94	44905	21.721	ng/ul#	87
10) Bis(2-Chloroethyl)ether	7.48	93	34345	22.343	ng/ul#	81
12) 2-Chlorophenol	7.63	128	33959	22.021	ng/ul	96
13) 2-Methylphenol	8.51	108	34858	22.136	ng/ul	89
14) 2,2'-oxybis(1-Chloropropan	8.60	45	57649	23.316	ng/ul	97
16) Acetophenone	8.90	105	61199	22.525	ng/ul#	93
17) N-Nitroso-di-n-propylamine	8.87	70	32614	23.624	ng/ul#	88
18) 4-Methylphenol	8.84	108	37649	22.981	ng/ul	94
19) Hexachloroethane	9.16	117	16207	23.211	ng/ul	90
22) Nitrobenzene	9.28	77	49447	22.549	ng/ul#	95
23) Isophorone	9.80	82	88497	23.363	ng/ul	99
25) 2-Nitrophenol	9.99	139	21465	23.571	ng/ul	91
26) 2,4-Dimethylphenol	10.05	107	46520	23.071	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.29	93	46060	22.807	ng/ul#	87
29) 2,4-Dichlorophenol	10.54	162	36558	22.971	ng/ul	94
30) Naphthalene	10.94	128	114549	22.673	ng/ul	100
32) 4-Chloroaniline	11.05	127	46350	20.712	ng/ul	93
33) Hexachlorobutadiene	11.22	225	29895	22.151	ng/ul	92
34) Caprolactam	11.83	113	12949m	23.389	ng/ul	

VV 7-20-21

VV 7-20-21

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Acq On : 12 Jul 2021 15:15
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 12 16:07:06 2021
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : SSTD020208

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.16	107	44078	24.794	ng/ul	93
36) 2-Methylnaphthalene	12.54	142	91047	23.719	ng/ul	91
37) 1-Methylnaphthalene	12.76	142	87231	22.851	ng/ul#	87
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	54279	23.111	ng/ul	95
40) Hexachlorocyclopentadiene	12.89	237	29572	18.959	ng/ul	98
41) 2,4,6-Trichlorophenol	13.15	196	35360	23.275	ng/ul	96
42) 2,4,5-Trichlorophenol	13.22	196	35893	22.213	ng/ul	96
43) 1,1'-Biphenyl	13.54	154	116423	23.046	ng/ul	96
44) 2-Chloronaphthalene	13.59	162	90570	22.882	ng/ul	95
45) 2-Nitroaniline	13.79	65	36086	24.867	ng/ul	93
47) Dimethylphthalate	14.16	163	126189	23.641	ng/ul#	99
48) 2,6-Dinitrotoluene	14.28	165	26607	23.146	ng/ul	94
50) Acenaphthylene	14.44	152	142861	23.807	ng/ul	97
51) 3-Nitroaniline	14.61	138	24867	23.756	ng/ul	92
52) Acenaphthene	14.78	153	100270	23.008	ng/ul	97
53) 2,4-Dinitrophenol	14.82	184	14445	19.828	ng/ul	91
55) 4-Nitrophenol	14.92	109	26457	22.019	ng/ul	91
56) Dibenzofuran	15.11	168	145264	23.520	ng/ul	94
57) 2,4-Dinitrotoluene	15.07	165	40445	24.382	ng/ul#	99
58) 2,3,4',6-Tetrachlorophenol	15.34	232	33669	22.220	ng/ul#	95
59) Diethylphthalate	15.52	149	136959	23.871	ng/ul	99
61) Fluorene	15.76	166	122192	23.376	ng/ul#	89
62) 4-Chlorophenyl-phenylether	15.75	204	69317	24.122	ng/ul	98
63) 4-Nitroaniline	15.78	138	27718	26.974	ng/ul	95
66) 4,6-Dinitro-2-methylphenol	15.83	198	21491	19.212	ng/ul#	97
67) N-Nitrosodiphenylamine	15.96	169	104904	22.279	ng/ul	98
68) 4-Bromophenyl-phenylether	16.65	248	45459	22.038	ng/ul	96
69) Hexachlorobenzene	16.77	284	54003	23.117	ng/ul	95
70) Atrazine	16.91	200	45815	21.260	ng/ul	98
71) Pentachlorophenol	17.12	266	31181	22.364	ng/ul	97
72) Phenanthrene	17.51	178	208920	23.160	ng/ul	99
74) Anthracene	17.60	178	211878	22.993	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.51	216	54858	21.743	ng/uL	95
76) Pentachlorobenzene	15.03	250	58258	21.766	ng/uL	97
77) Carbazole	17.87	167	191050	23.241	ng/ul	98
78) Di-n-butylphthalate	18.42	149	229611	22.325	ng/ul	99
80) Fluoranthene	19.51	202	271839	23.409	ng/ul	98
82) Pyrene	19.88	202	270441	23.373	ng/ul	99
83) Butylbenzylphthalate	20.76	149	101551	22.356	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.64	252	102556	22.532	ng/ul	97
85) Benzo(a)anthracene	21.73	228	272301	22.745	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.63	149	145144	21.907	ng/ul	99
87) Chrysene	21.79	228	253833	22.415	ng/ul	98
89) Di-n-octyl phthalate	22.86	149	248145	21.900	ng/ul	100
90) Benzo(b)fluoranthene	23.99	252	280630	22.598	ng/ul#	99
91) Benzo(k)fluoranthene	24.06	252	277329	22.904	ng/ul	99
93) Benzo(a)pyrene	24.88	252	244161	22.341	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.80	276	316657	22.457	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.86	278	267887	22.937	ng/ul	99
96) Benzo(g,h,i)perylene	29.97	276	265385m	22.764	ng/ul	

VV 7/20/21

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Acq On : 12 Jul 2021 15:15
Operator : CG/JU
Sample : SSTDCCC020
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Quant Time: Jul 12 16:07:06 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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