Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070921\
Data File : BG049226.D
Acq On : 8 Jul 2021 21:47
Operator : CG/JU
Sample : SSTD04006
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 09 02:55:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 02:34:40 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD040304

Manual Integrations APPROVED
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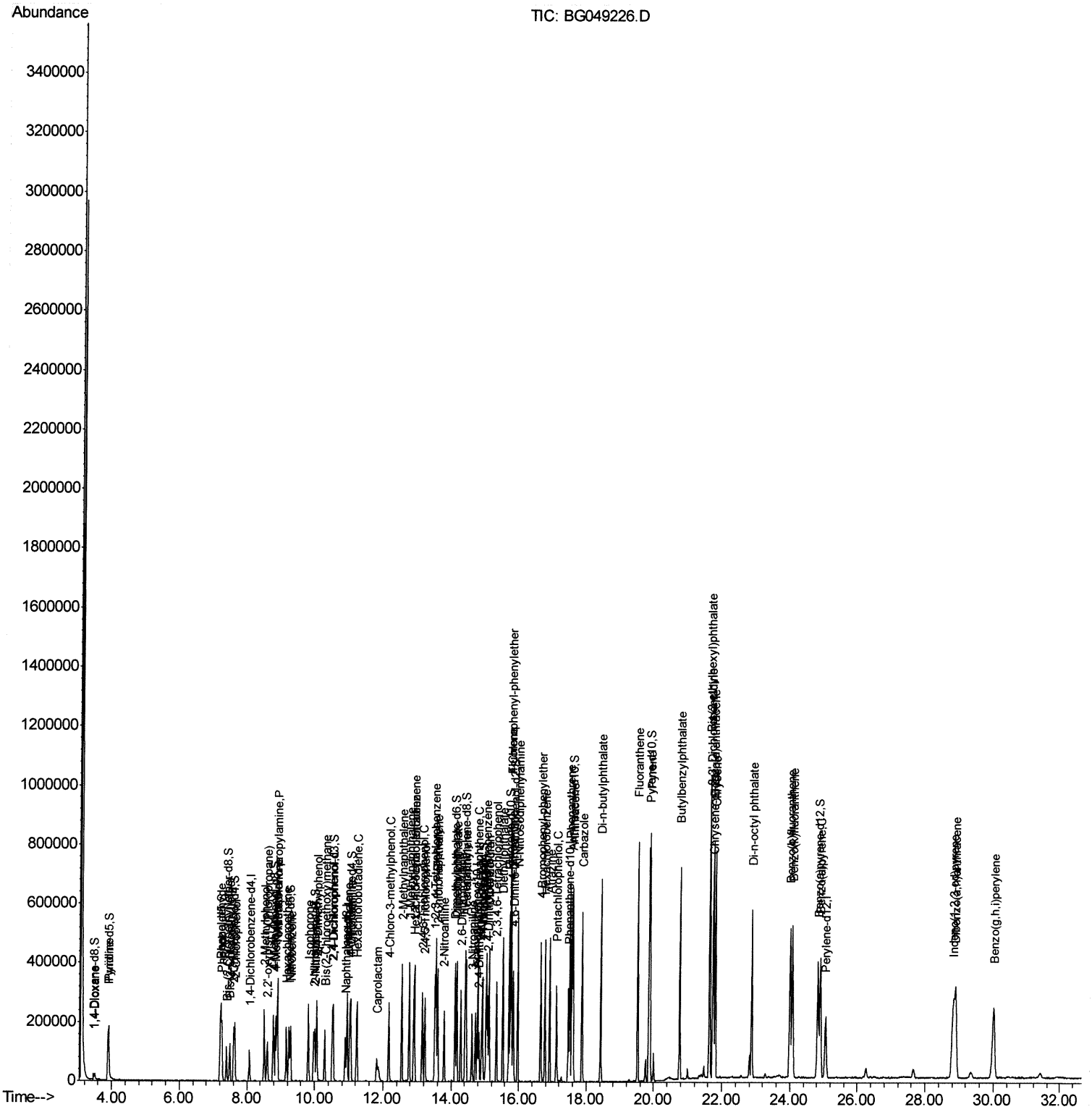
7/9/2021 2:46:59 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070921\
Data File : BG049226.D
Acq On : 8 Jul 2021 21:47
Operator : CG/JU
Sample : SSTD04006
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 09 02:36:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 02:34:40 2021
Response via : Initial Calibration

Instrument :
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Manual Integrations APPROVED
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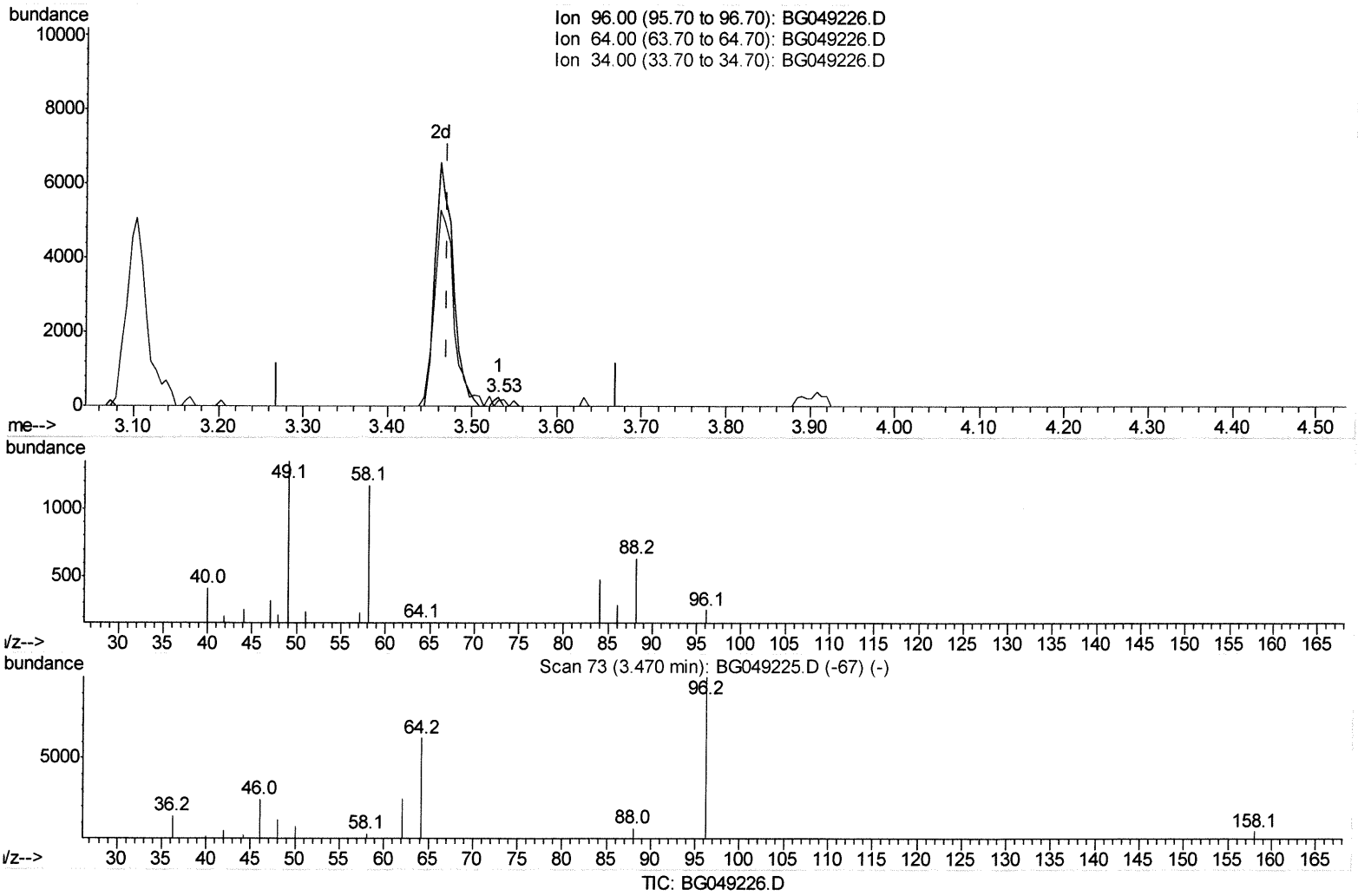

TIC: BG049226.D

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

3.532min (+0.062) 0.22ng/uL

response 144

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

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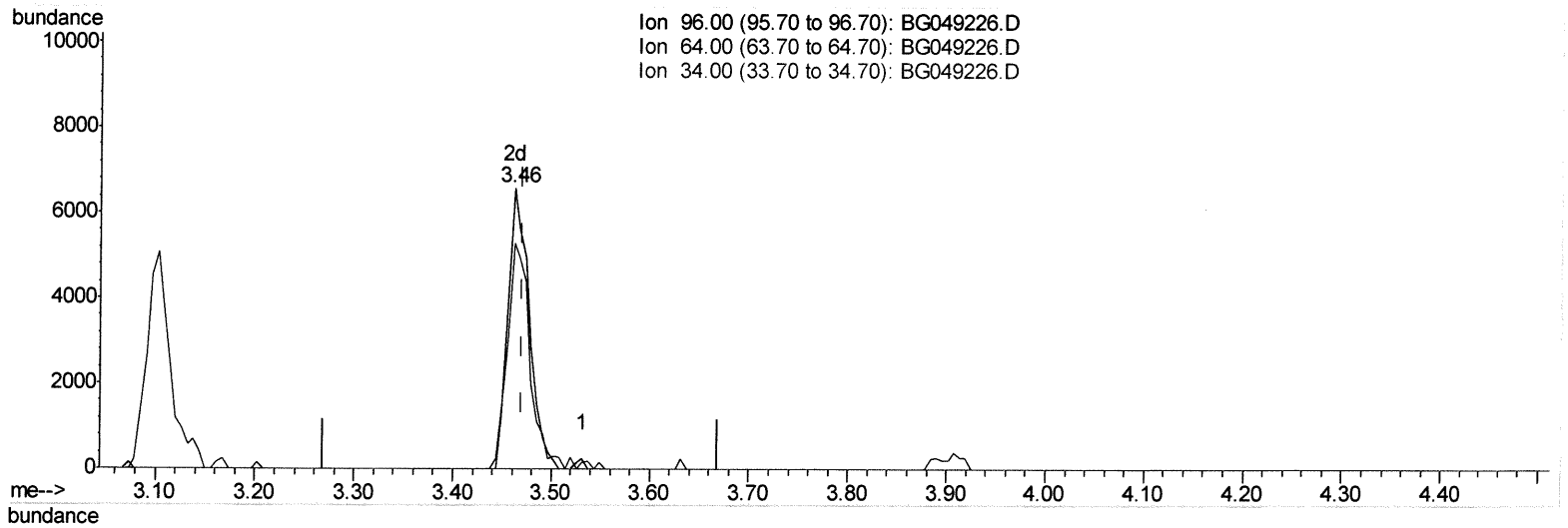
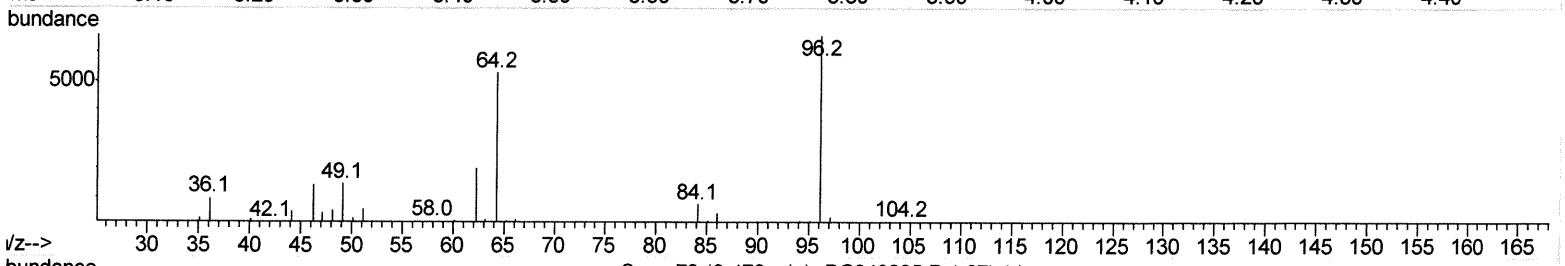
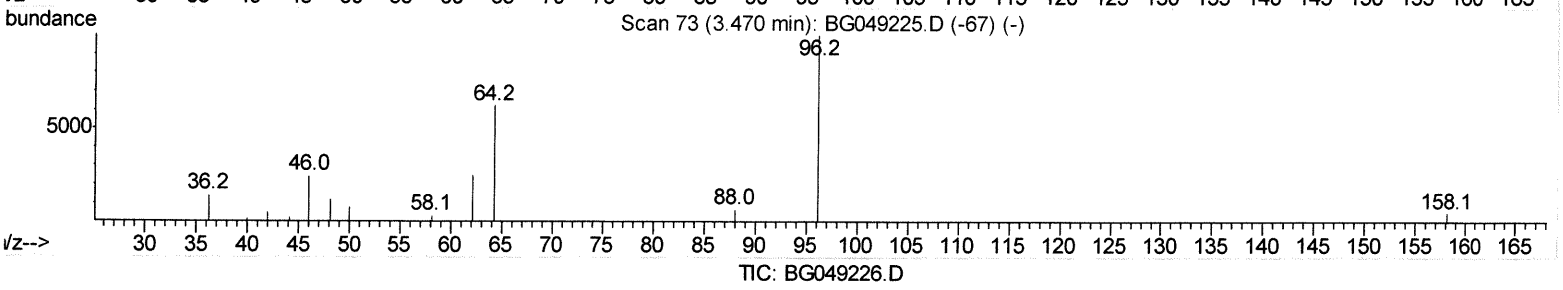
7/9/2021 2:46:59 PM







TIC: BG049226.D

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

3.461min (-0.009) 15.20ng/uL m 07/12/21 JU

response 9875

Ion	Exp%	Act%
96.00	100	100
64.00	62.20	80.55#
34.00	0.00	0.00
0.00	0.00	0.00

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Sample : SSTD04006
Misc :
ALS Vial : 5 Sample Multiplier: 1

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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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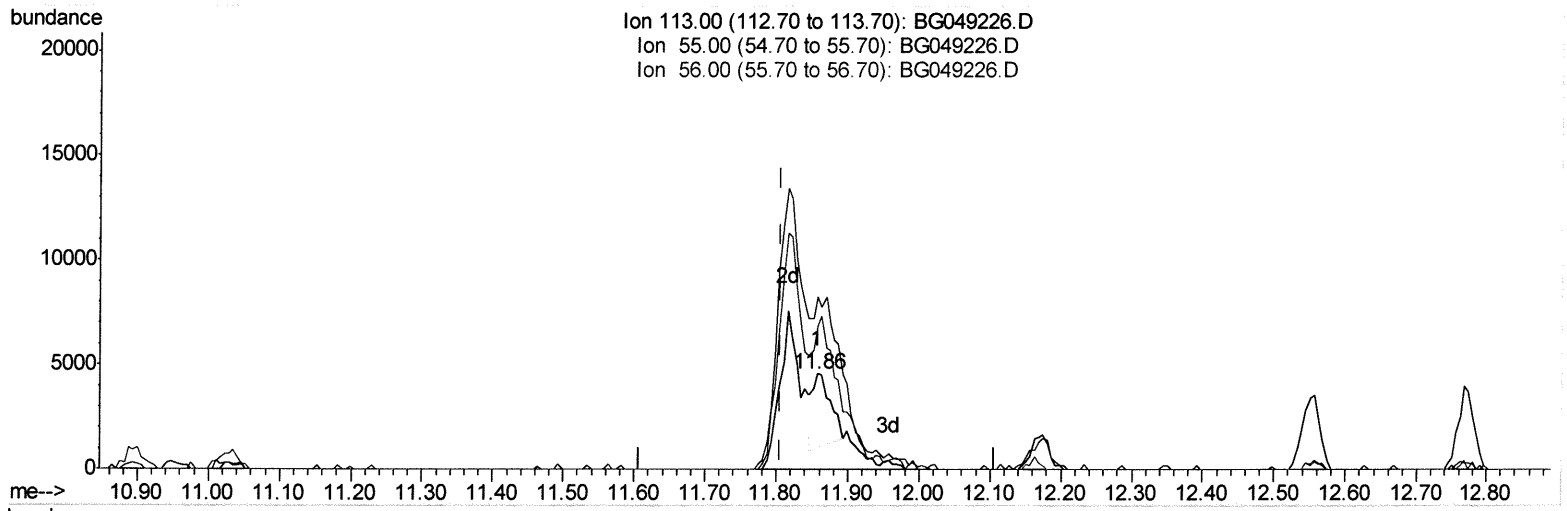
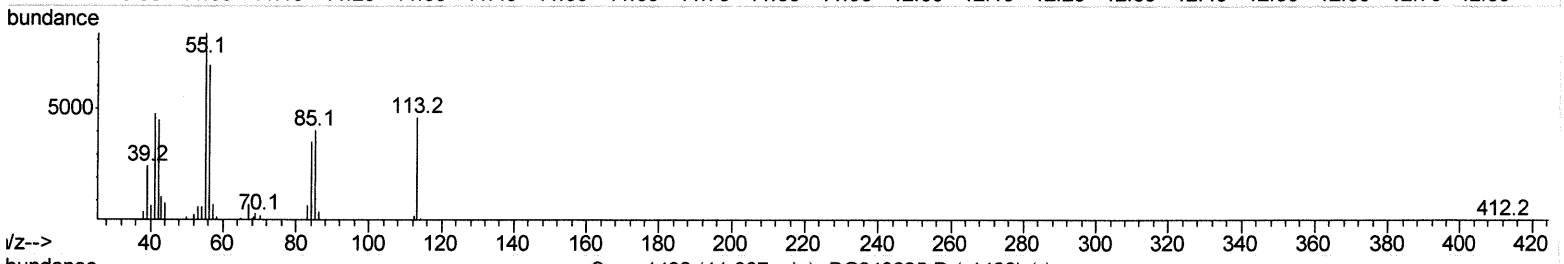
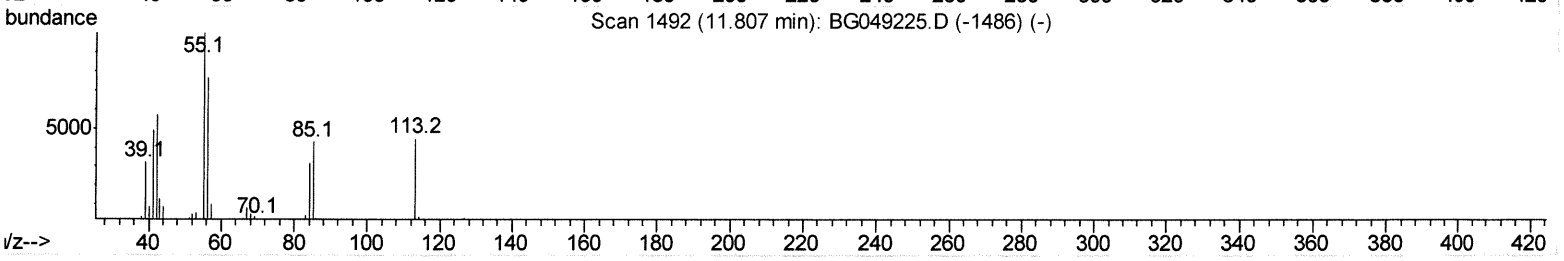
7/9/2021 2:46:59 PM





Scan 1492 (11.807 min): BG049225.D (-1486) (-)



TIC: BG049226.D

(34) Caprolactam

11.857min (+0.050) 7.66ng/ul

response 6083

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	180.33
56.00	171.90	149.89
0.00	0.00	0.00

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Sample : SSTD04006
Misc :
ALS Vial : 5 Sample Multiplier: 1

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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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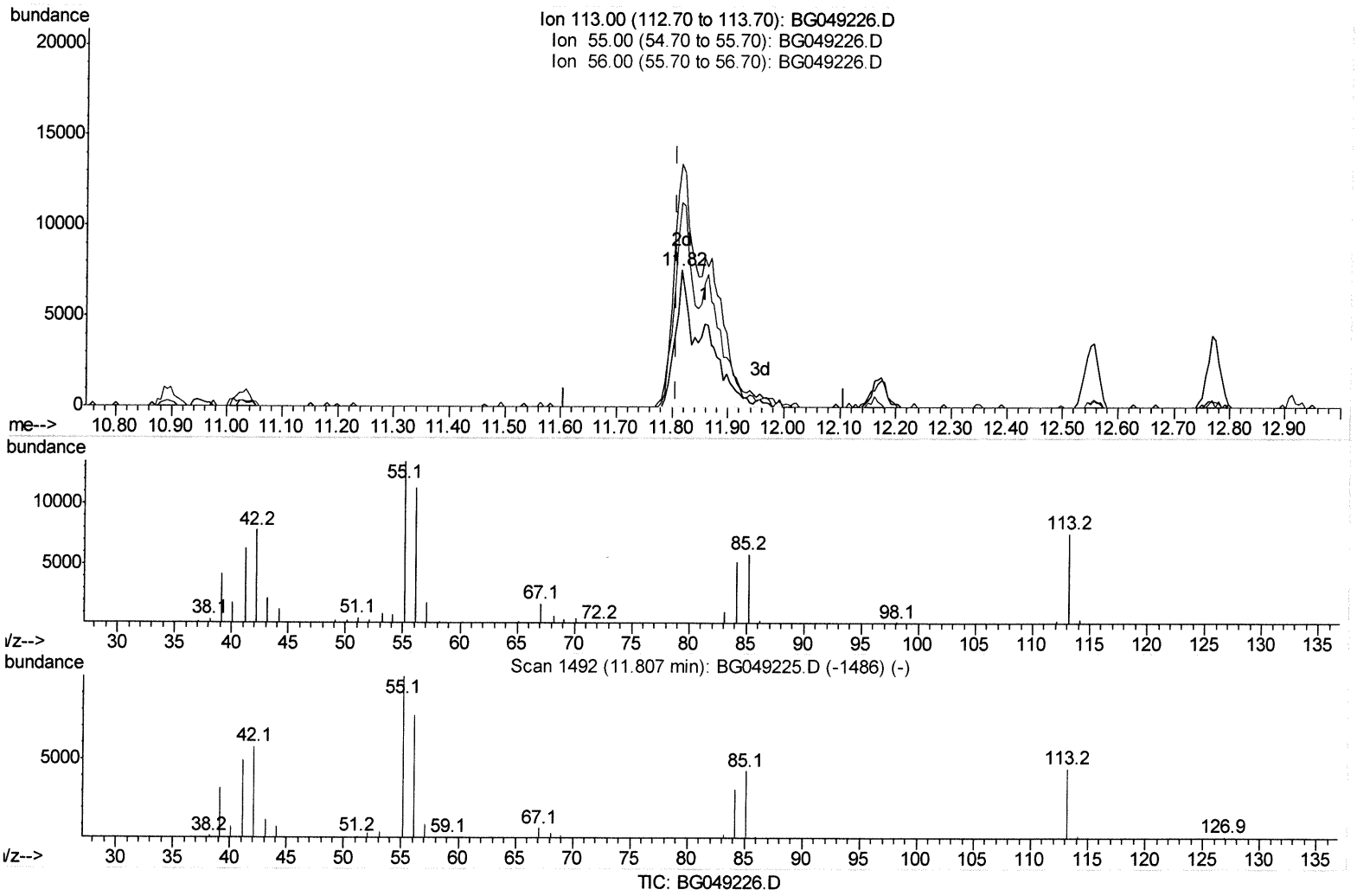
7/9/2021 2:46:59 PM



TIC: BG049226.D

(34) Caprolactam

11.816min (+0.009) 34.87ng/ul m 07/12/21 JU

response 27702

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	177.96#
56.00	171.90	149.44
0.00	0.00	0.00

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Sample : SSTD04006
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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7/9/2021 2:46:59 PM

Quant Time: Jul 09 02:55:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 02:34:40 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	28148	20.00	ng/ul	0.00
20) Naphthalene-d8	10.89	136	119837	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.72	164	85547	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.47	188	208125	20.00	ng/ul	0.00
79) Chrysene-d12	21.76	240	208789	20.00	ng/ul	0.00
88) Perylene-d12	25.05	264	221088	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	9875m>	15.20	ng/uL>	0.00 07/12/21JU
4) Pyridine-d5	3.88	84	72564	36.48	ng/ul	0.00
7) Phenol-d5	7.23	99	97149	39.73	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.39	67	56345	37.31	ng/ul	0.00
11) 2-Chlorophenol-d4	7.60	132	74656	43.93	ng/ul	0.00
15) 4-Methylphenol-d8	8.78	113	81495	40.62	ng/ul	0.00
21) Nitrobenzene-d5	9.24	128	39071	47.09	ng/ul	0.00
24) 2-Nitrophenol-d4	9.97	143	43728	48.14	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.51	165	86666	38.82	ng/ul	0.00
31) 4-Chloroaniline-d4	11.03	131	108817	38.71	ng/ul	0.00
46) Dimethylphthalate-d6	14.13	166	271259	38.54	ng/ul	0.00
49) Acenaphthylene-d8	14.42	160	317332	41.06	ng/ul	0.00
54) 4-Nitrophenol-d4	14.91	143	46513	44.38	ng/ul	0.00
60) Fluorene-d10	15.71	176	232952	37.50	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.83	200	53938	50.71	ng/ul	0.00
73) Anthracene-d10	17.57	188	381255	40.09	ng/ul	0.00
81) Pyrene-d10	19.85	212	454411	42.56	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.82	264	474465	39.59	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	10696	16.407	ng/uL	94
5) Pyridine	3.90	79	77936	39.229	ng/ul	90
6) Benzaldehyde	7.21	77	64688	41.890	ng/ul	97
8) Phenol	7.25	94	99354	38.430	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.49	93	72183	38.287	ng/ul	87
12) 2-Chlorophenol	7.64	128	76389	42.351	ng/ul	97
13) 2-Methylphenol	8.51	108	75245	38.904	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.60	45	118622	53.254	ng/ul	98
16) Acetophenone	8.90	105	129417	39.353	ng/ul	93
17) N-Nitroso-di-n-propylamine	8.88	70	66983	34.354	ng/ul#	92
18) 4-Methylphenol	8.85	108	78962	38.889	ng/ul	89
19) Hexachloroethane	9.17	117	33498	39.854	ng/ul	89
22) Nitrobenzene	9.29	77	106490	38.930	ng/ul	95
23) Isophorone	9.81	82	187674	33.193	ng/ul	98
25) 2-Nitrophenol	10.00	139	45083	43.578	ng/ul	95
26) 2,4-Dimethylphenol	10.06	107	96667	35.511	ng/ul	98
27) Bis(2-Chloroethoxy)methane	10.29	93	98181	34.494	ng/ul#	92
29) 2,4-Dichlorophenol	10.54	162	79258	38.008	ng/ul	93
30) Naphthalene	10.95	128	244893	38.669	ng/ul	97
32) 4-Chloroaniline	11.05	127	108005	39.066	ng/ul	96
33) Hexachlorobutadiene	11.23	225	64597	32.566	ng/ul	96
34) Caprolactam	11.82	113	27702m>	34.868	ng/ul>	07/12/21JU

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 02:34:40 2021
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : SSTD040304

Manual Integrations APPROVED
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7/9/2021 2:46:59 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.17	107	88263	36.090	ng/ul	95
36) 2-Methylnaphthalene	12.55	142	185039	37.879	ng/ul	91
37) 1-Methylnaphthalene	12.77	142	184361	38.105	ng/ul#	92
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	110394	33.899	ng/ul#	97
40) Hexachlorocyclopentadiene	12.90	237	71302	30.153	ng/ul	98
41) 2,4,6-Trichlorophenol	13.16	196	72176	36.016	ng/ul	90
42) 2,4,5-Trichlorophenol	13.23	196	77147	35.864	ng/ul	90
43) 1,1'-Biphenyl	13.56	154	241308	38.121	ng/ul	99
44) 2-Chloronaphthalene	13.60	162	186297	37.571	ng/ul	99
45) 2-Nitroaniline	13.80	65	71548	46.711	ng/ul	93
47) Dimethylphthalate	14.17	163	253736	35.696	ng/ul	99
48) 2,6-Dinitrotoluene	14.29	165	55266	45.396	ng/ul	90
50) Acenaphthylene	14.45	152	281257	37.954	ng/ul	96
51) 3-Nitroaniline	14.62	138	50334	43.003	ng/ul	90
52) Acenaphthene	14.79	153	206760	37.621	ng/ul	99
53) 2,4-Dinitrophenol	14.83	184	35459	43.781	ng/ul	96
55) 4-Nitrophenol	14.93	109	57343	41.312	ng/ul	95
56) Dibenzofuran	15.12	168	293266	37.566	ng/ul	93
57) 2,4-Dinitrotoluene	15.08	165	78647	44.910	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.35	232	73816	36.302	ng/ul	93
59) Diethylphthalate	15.53	149	276007	38.851	ng/ul	100
61) Fluorene	15.77	166	247000	37.170	ng/ul	91
62) 4-Chlorophenyl-phenylether	15.76	204	136078	33.758	ng/ul	99
63) 4-Nitroaniline	15.79	138	51723	42.441	ng/ul	90
66) 4,6-Dinitro-2-methylphenol	15.84	198	50830	45.518	ng/ul#	95
67) N-Nitrosodiphenylamine	15.97	169	213453	37.027	ng/ul	97
68) 4-Bromophenyl-phenylether	16.66	248	97228	36.731	ng/ul	98
69) Hexachlorobenzene	16.78	284	105694	37.993	ng/ul	96
70) Atrazine	16.92	200	97853	37.718	ng/ul	97
71) Pentachlorophenol	17.12	266	63600	36.037	ng/ul	99
72) Phenanthrene	17.52	178	413294	39.110	ng/ul	97
74) Anthracene	17.61	178	416703	38.330	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.52	216	114593	35.119	ng/uL	92
76) Pentachlorobenzene	15.04	250	123997	36.278	ng/uL	98
77) Carbazole	17.87	167	373813	40.585	ng/ul	99
78) Di-n-butylphthalate	18.43	149	470889	40.848	ng/ul	99
80) Fluoranthene	19.52	202	534840	40.367	ng/ul	99
82) Pyrene	19.88	202	523873	39.594	ng/ul	99
83) Butylbenzylphthalate	20.76	149	207064	43.760	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.65	252	208548	40.779	ng/ul	98
85) Benzo(a)anthracene	21.74	228	529000	38.347	ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.63	149	296370	42.966	ng/ul	98
87) Chrysene	21.80	228	504237	38.225	ng/ul	99
89) Di-n-octyl phthalate	22.87	149	501589	41.680	ng/ul	100
90) Benzo(b)fluoranthene	24.00	252	561165	38.376	ng/ul	99
91) Benzo(k)fluoranthene	24.07	252	542439	37.747	ng/ul	97
93) Benzo(a)pyrene	24.90	252	490305	38.168	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.83	276	630049	38.127	ng/ul	96
95) Dibenzo(a,h)anthracene	28.90	278	524411	39.034	ng/ul	94
96) Benzo(g,h,i)perylene	30.01	276	523179	39.060	ng/ul	96

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7/9/2021 2:46:59 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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