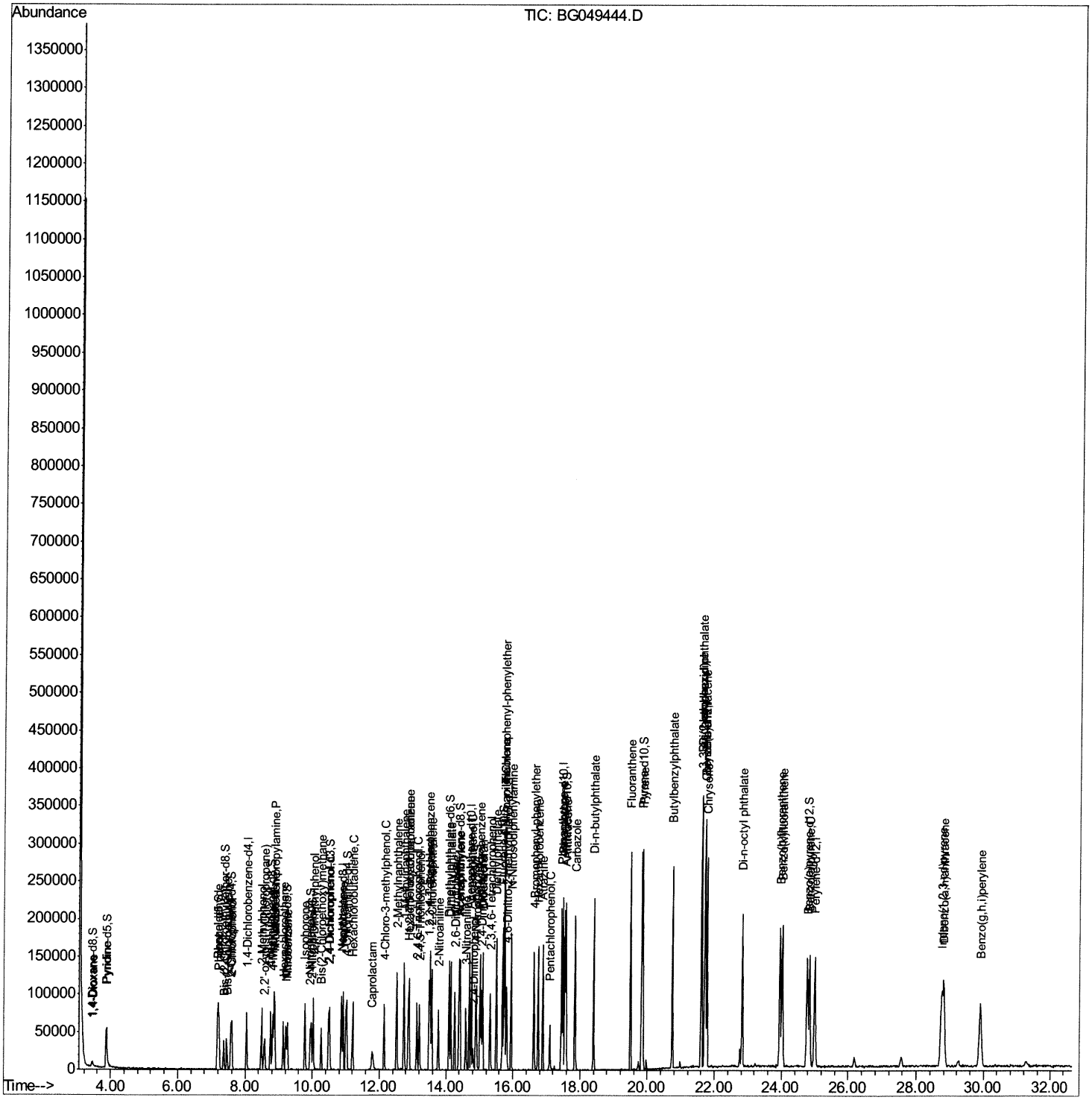
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG072421\
Data File : BG049444.D
Acq On : 24 Jul 2021 4:04
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 24 07:47:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 24 06:15:51 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
mohammad
7/26/2021 1:29:19 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG072421\
Data File : BG049444.D
Acq On : 24 Jul 2021 4:04
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 24 06:52:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 24 06:15:51 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
mohammad
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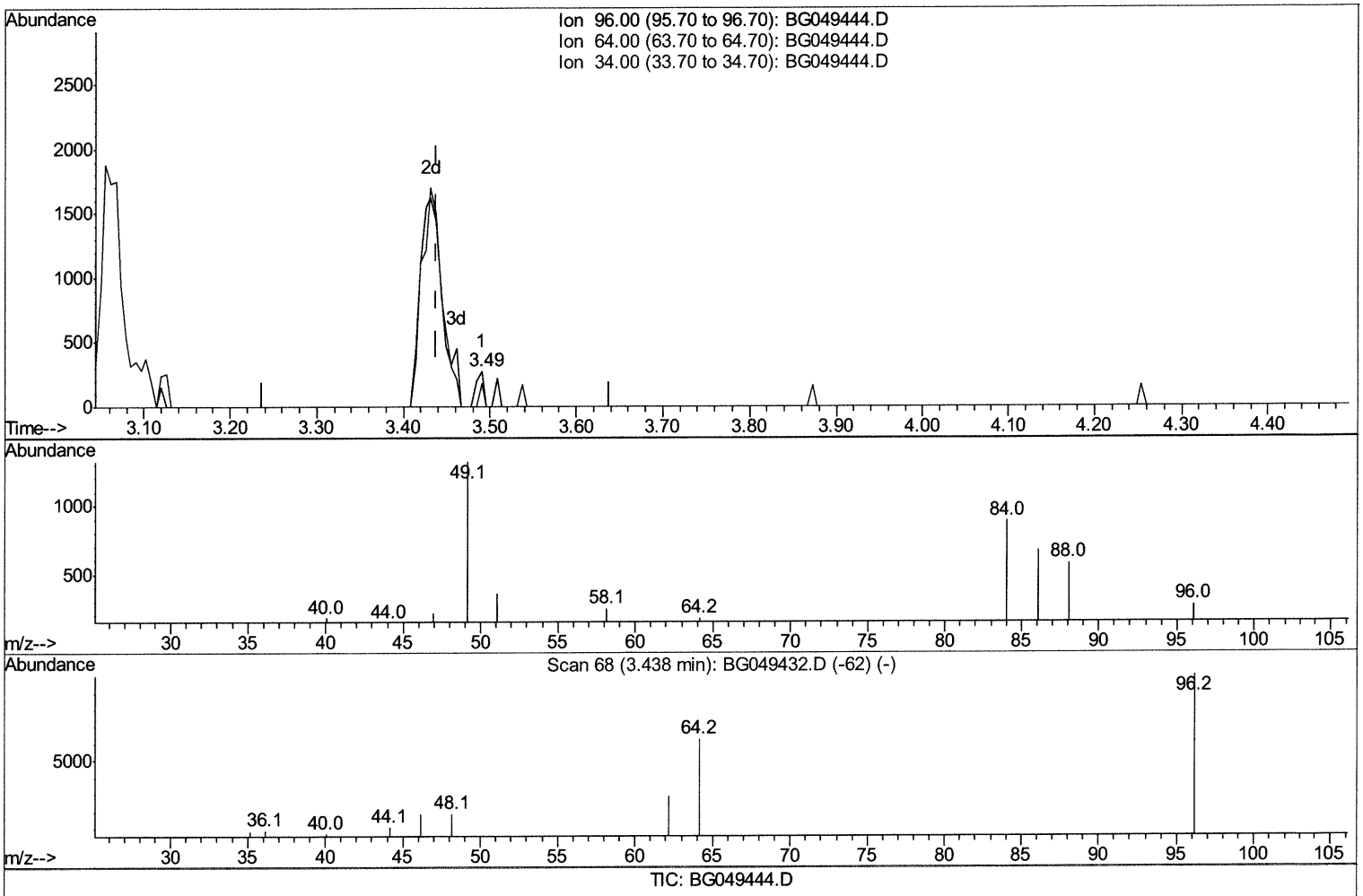

TIC: BG049444.D

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

3.490min (+0.052) 0.38ng/uL

response 166

Ion	Exp%	Act%
96.00	100	100
64.00	62.60	65.33
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG072421\
Data File : BG049444.D
Acq On : 24 Jul 2021 4:04
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 24 06:52:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 24 06:15:51 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
mohammad
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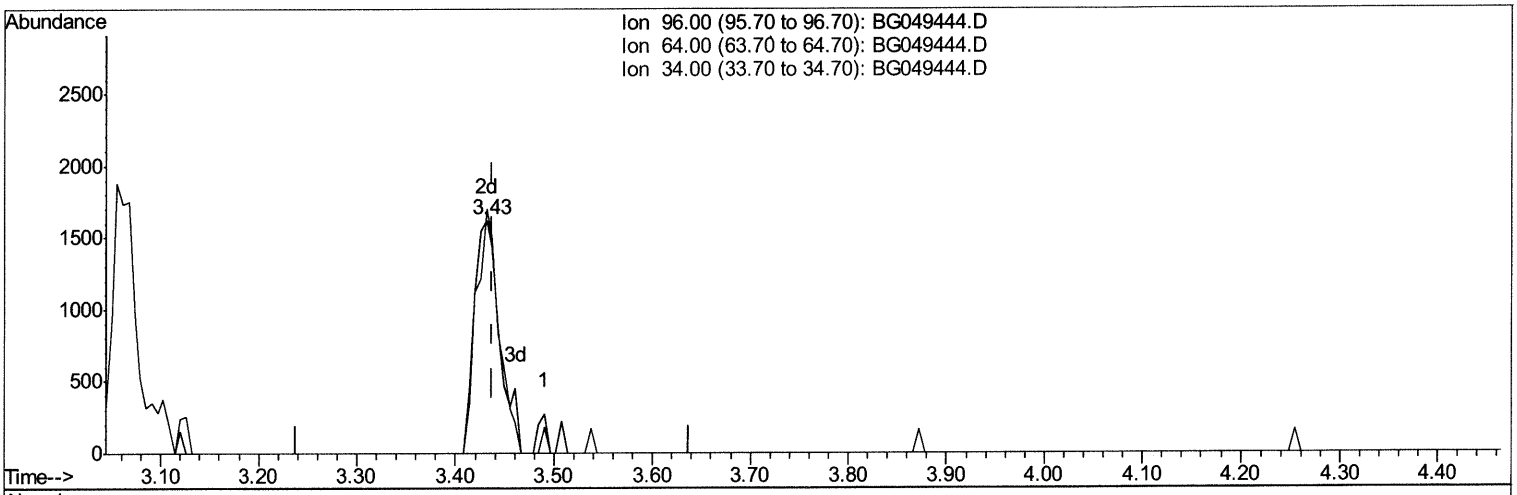

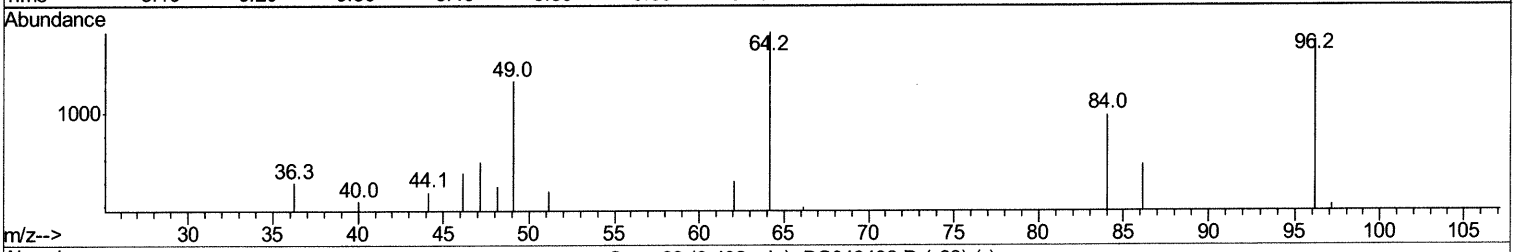

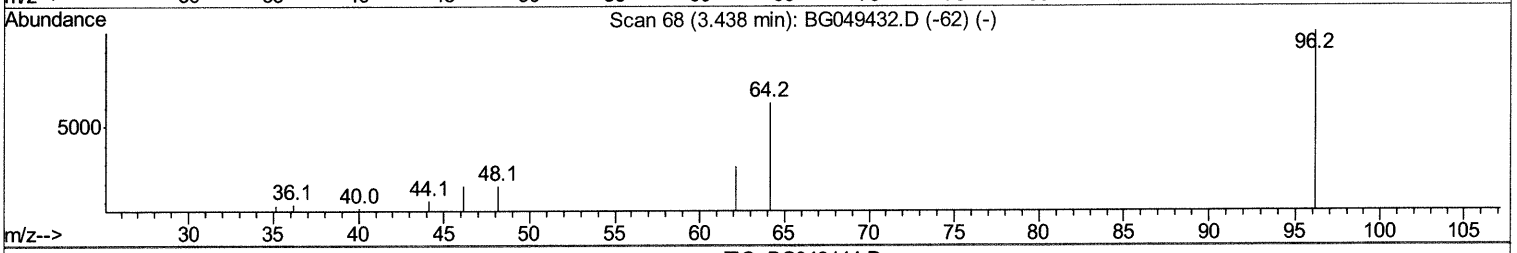

TIC: BG049444.D

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

3.431min (-0.006) 6.62ng/uL m 07/27/21 JU

response 2929

Ion	Exp%	Act%
96.00	100	100
64.00	62.60	104.62#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG072421\
Data File : BG049444.D
Acq On : 24 Jul 2021 4:04
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 24 06:53:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 24 06:15:51 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
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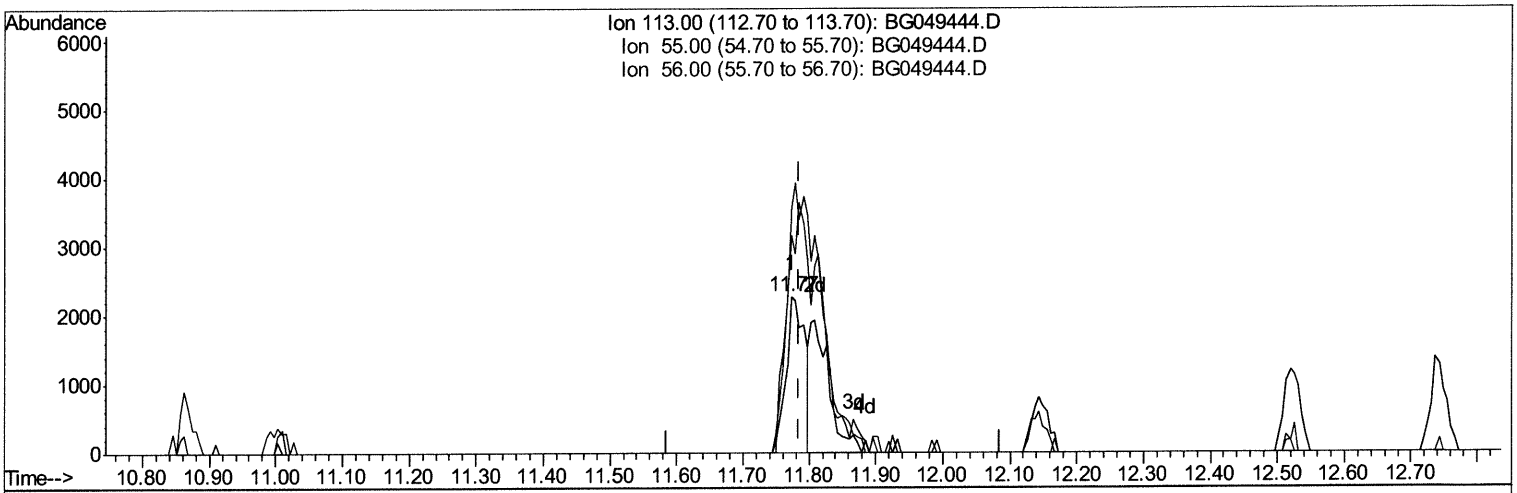

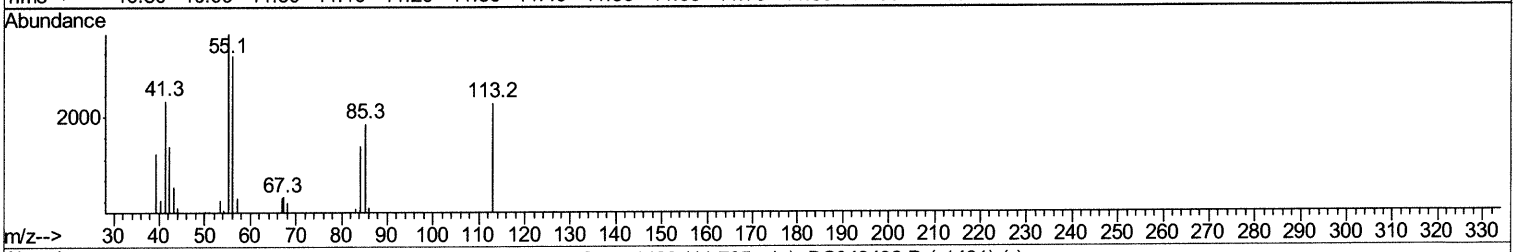

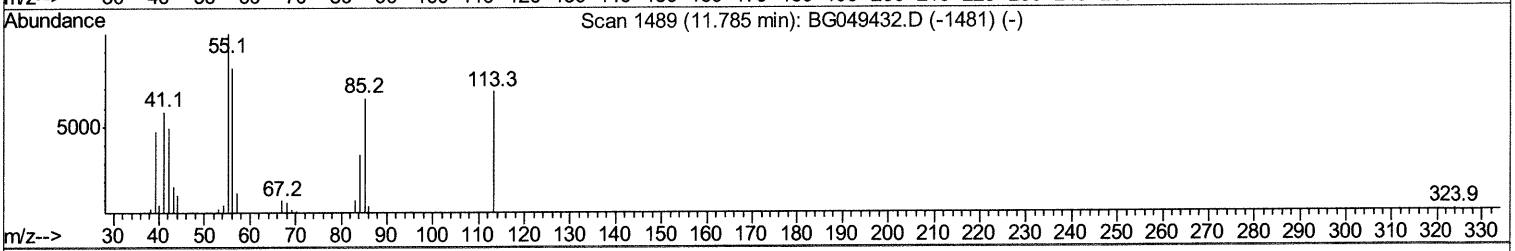

TIC: BG049444.D

(34) Caprolactam

11.773min (-0.012) 9.97ng/ul

response 4374

Ion	Exp%	Act%
113.00	100	100
55.00	145.70	157.67
56.00	118.80	139.47
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG072421\
Data File : BG049444.D
Acq On : 24 Jul 2021 4:04
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 24 06:53:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 24 06:15:51 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
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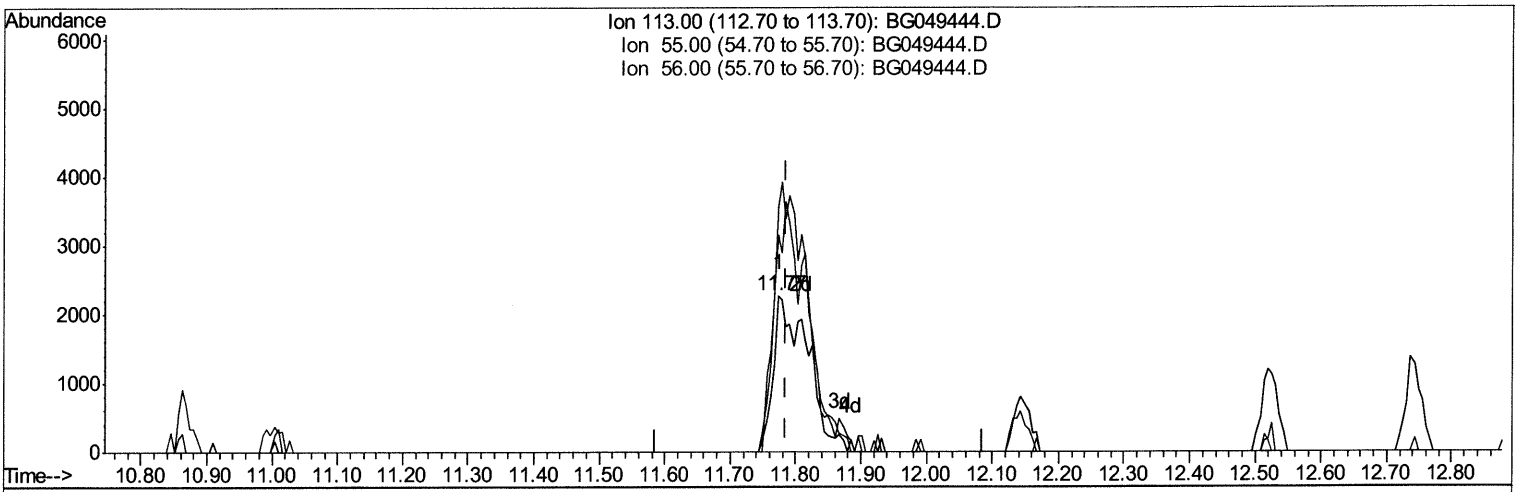

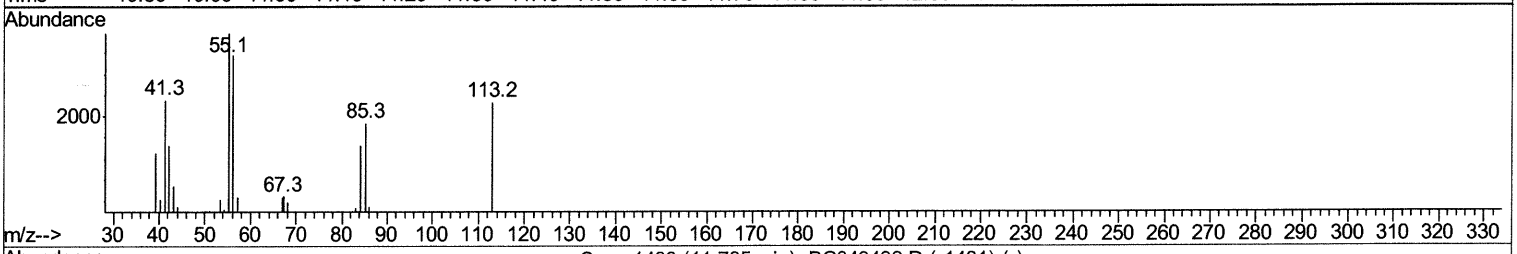

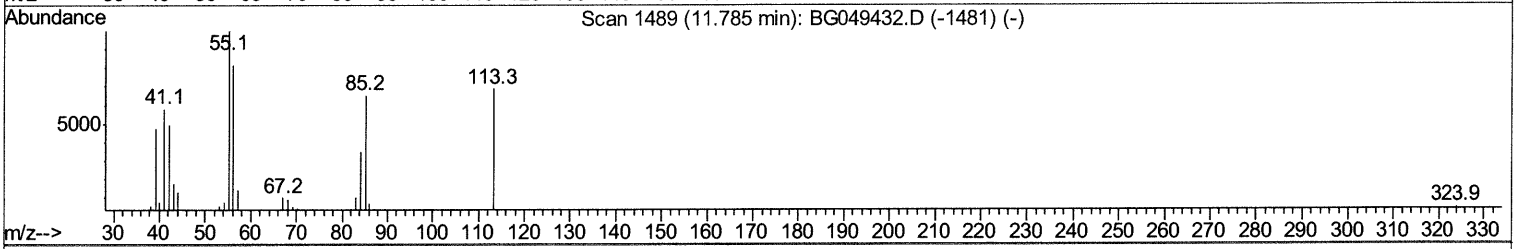

TIC: BG049444.D

(34) Caprolactam

11.773min (-0.012) 18.93ng/ul m 07/27/21 JU

response 8304

Ion	Exp%	Act%
113.00	100	100
55.00	145.70	157.67
56.00	118.80	139.47
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG072421\
Data File : BG049444.D
Acq On : 24 Jul 2021 4:04
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 24 06:53:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 24 06:15:51 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
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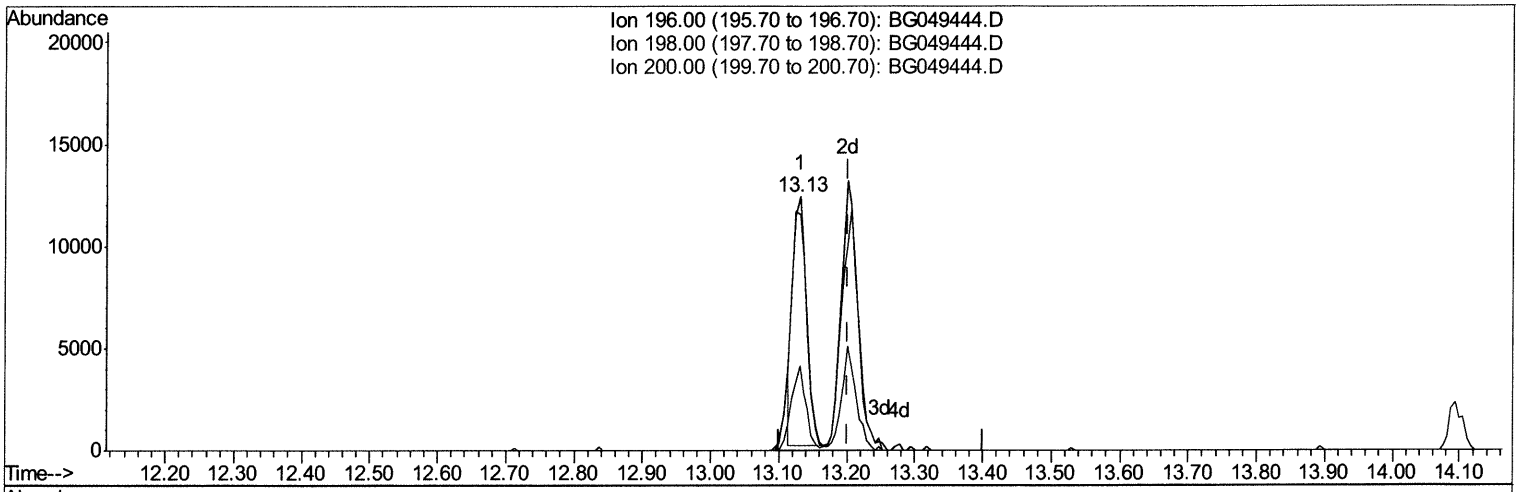

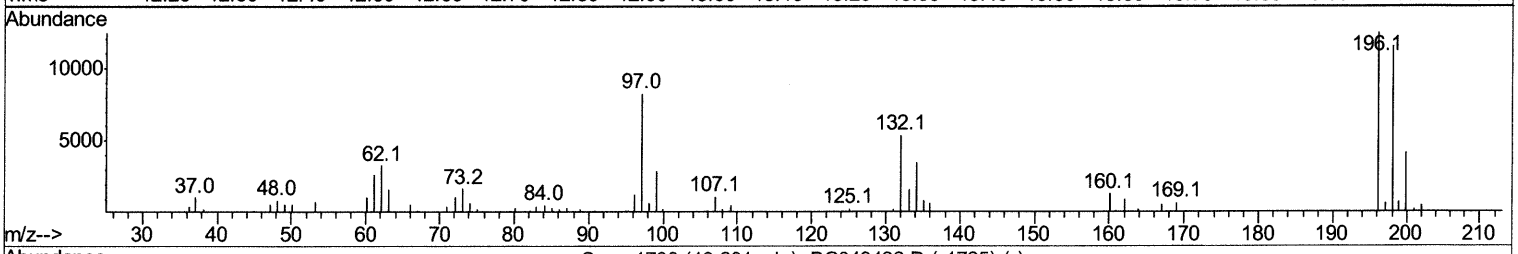

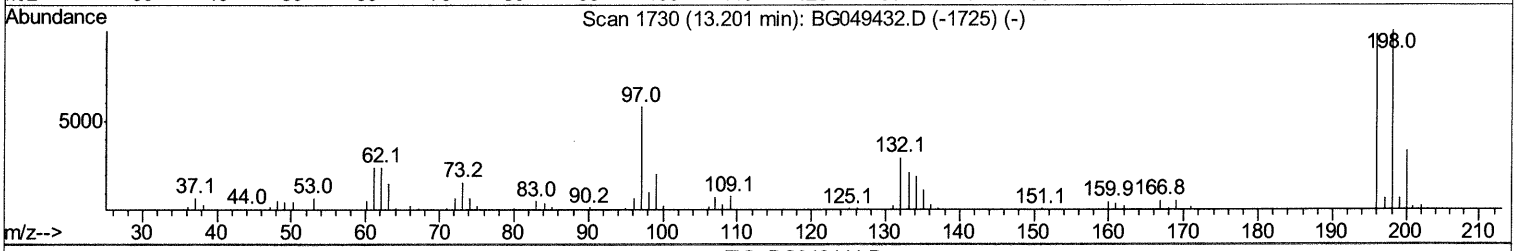

TIC: BG049444.D

(42) 2,4,5-Trichlorophenol

13.130min (-0.071) 16.03ng/ul

response 17347

Ion	Exp%	Act%
196.00	100	100
198.00	101.70	92.88
200.00	33.20	33.57
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG072421\
Data File : BG049444.D
Acq On : 24 Jul 2021 4:04
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 24 06:53:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 24 06:15:51 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
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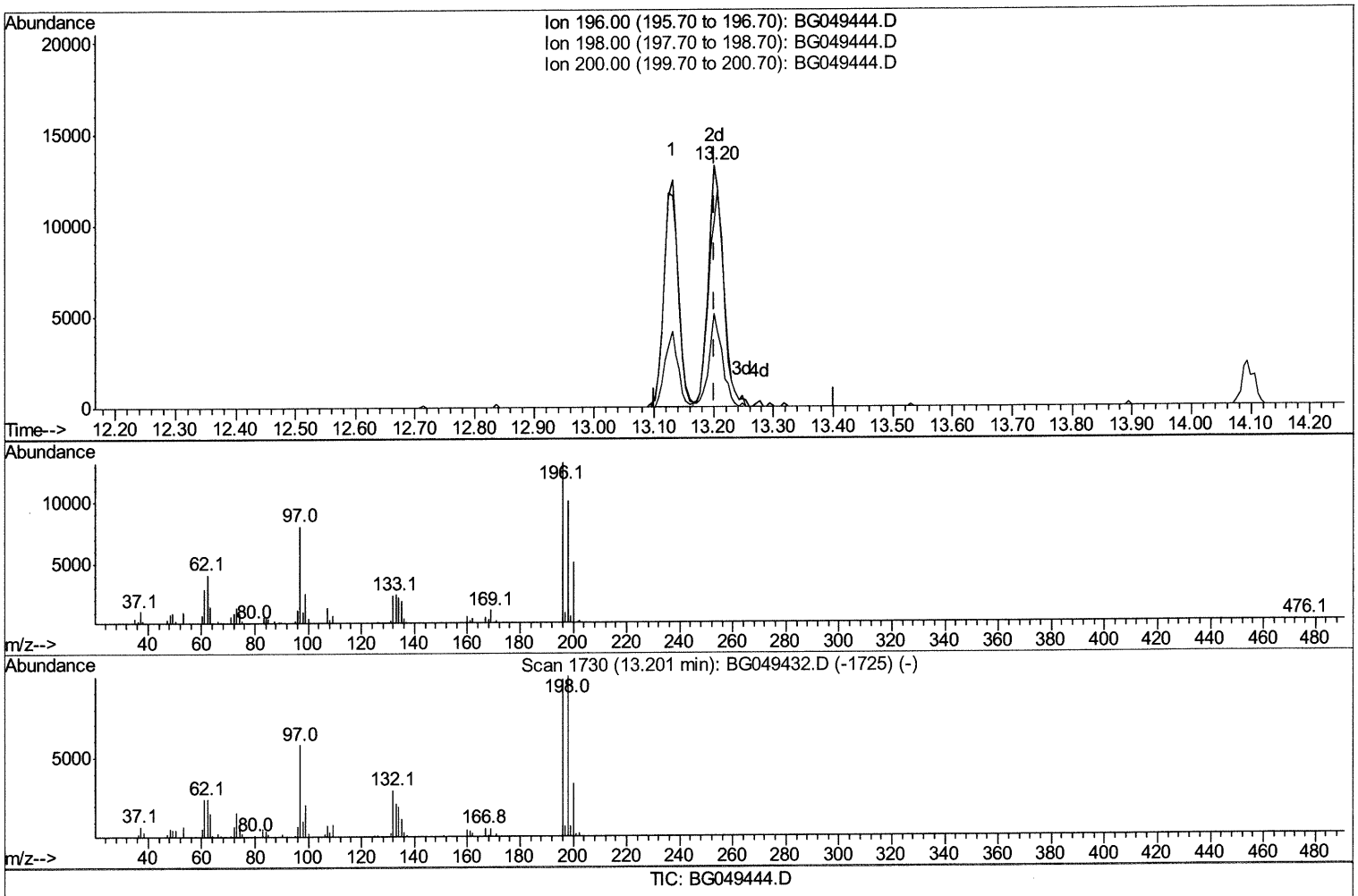

TIC: BG049444.D

(42) 2,4,5-Trichlorophenol

13.201min (-0.001) 21.28ng/ul m 07/27/21 JU

response 23024

Ion	Exp%	Act%
196.00	100	100
198.00	101.70	76.41#
200.00	33.20	38.52
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG072421\
Data File : BG049444.D
Acq On : 24 Jul 2021 4:04
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 24 06:54:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 24 06:15:51 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
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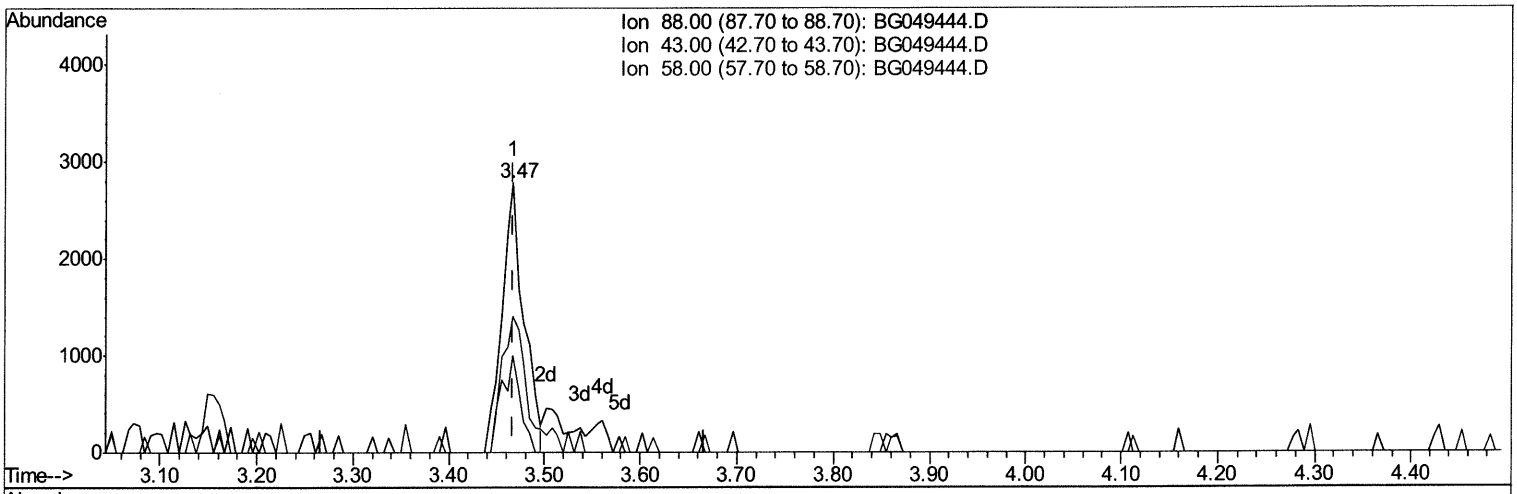

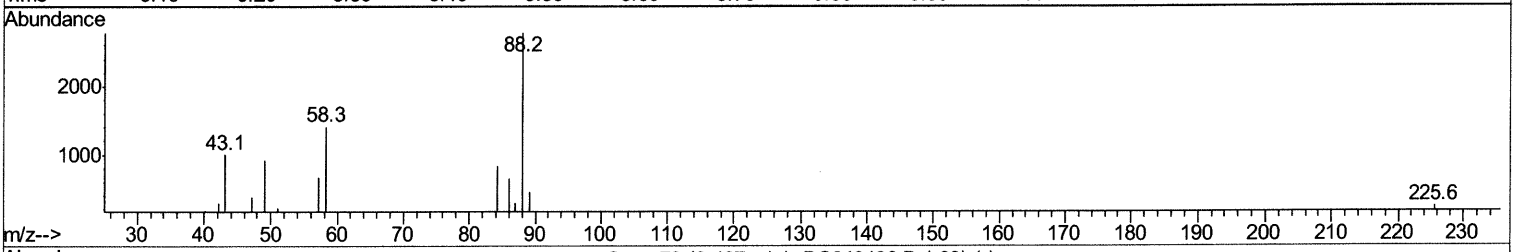

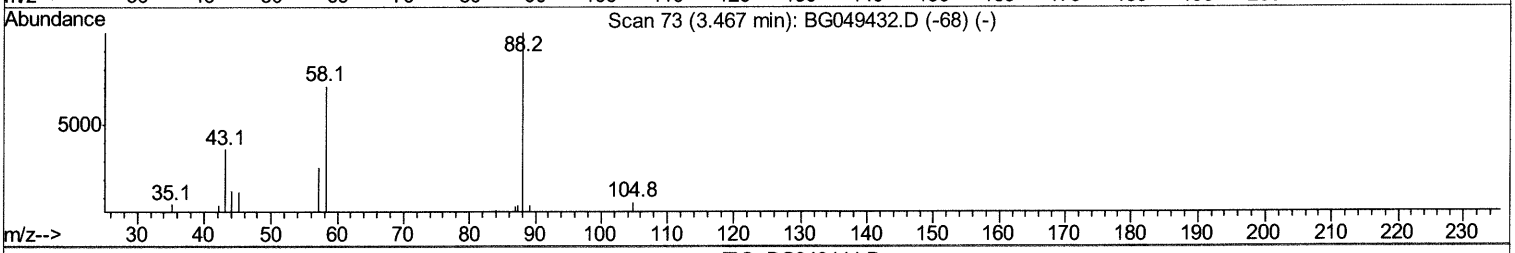

TIC: BG049444.D

(2) 1,4-Dioxane

3.467min (-0.000) 7.37ng/uL

response 4456

Ion	Exp%	Act%
88.00	100	100
43.00	36.90	36.02
58.00	71.00	50.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG072421\
Data File : BG049444.D
Acq On : 24 Jul 2021 4:04
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 24 06:54:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 24 06:15:51 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
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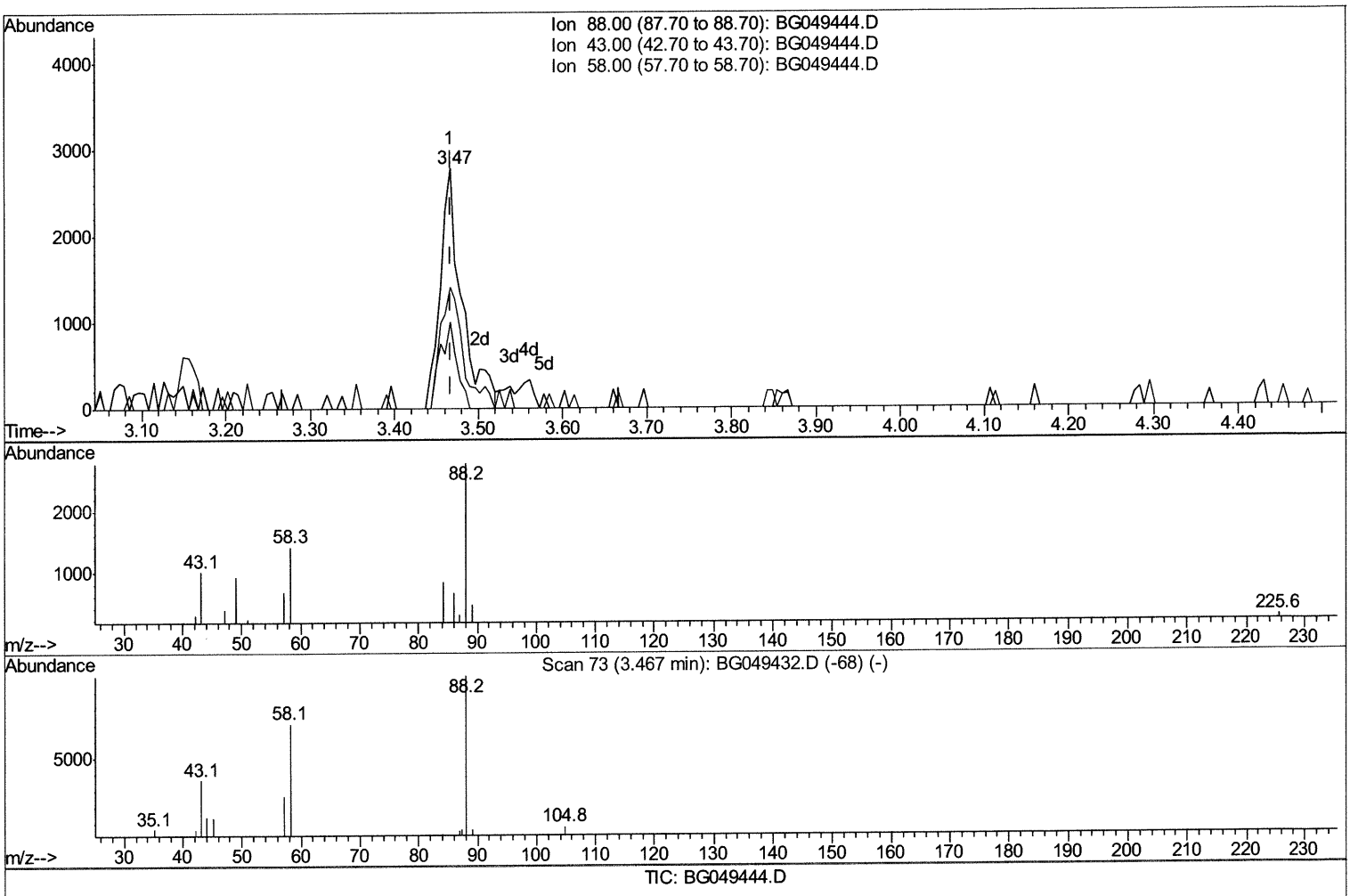

TIC: BG049444.D

(2) 1,4-Dioxane

3.467min (-0.000) 8.22ng/uL m 07/27/21 JU

response 4974

Ion	Exp%	Act%
88.00	100	100
43.00	36.90	36.02
58.00	71.00	50.56#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG072421\
Data File : BG049444.D
Acq On : 24 Jul 2021 4:04
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Misc :
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LabSampleId : SSTDCCC020EC

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	20245	20.00	ng/ul	0.00
20) Naphthalene-d8	10.87	136	80504	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.70	164	55468	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.45	188	133323	20.00	ng/ul	0.00
79) Chrysene-d12	21.72	240	146603	20.00	ng/ul	0.00
88) Perylene-d12	25.00	264	155707	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	2929m	> 6.62	ng/uL	> 0.00 07/27/21JU
4) Pyridine-d5	3.85	84	24385	19.19	ng/ul	0.00
7) Phenol-d5	7.20	99	34239	19.12	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.36	67	20045	19.76	ng/ul	0.00
11) 2-Chlorophenol-d4	7.57	132	24930	19.42	ng/ul	0.00
15) 4-Methylphenol-d8	8.75	113	25764	19.08	ng/ul	0.00
21) Nitrobenzene-d5	9.21	128	12742	20.59	ng/ul	0.00
24) 2-Nitrophenol-d4	9.94	143	14279	19.69	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.48	165	27056	20.51	ng/ul	0.00
31) 4-Chloroaniline-d4	11.00	131	35169	19.13	ng/ul	0.00
46) Dimethylphthalate-d6	14.09	166	86246	20.30	ng/ul	0.00
49) Acenaphthylene-d8	14.39	160	103735	21.02	ng/ul	0.00
54) 4-Nitrophenol-d4	14.89	143	13781	19.70	ng/ul	0.00
60) Fluorene-d10	15.69	176	76670	20.95	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.80	200	14825	17.94	ng/ul	0.00
73) Anthracene-d10	17.55	188	123592	19.95	ng/ul	0.00
81) Pyrene-d10	19.83	212	153275	20.45	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.77	264	168855	20.63	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	4974m	> 8.224	ng/uL	> 07/27/21JU
5) Pyridine	3.87	79	26514	19.502	ng/ul#	83
6) Benzaldehyde	7.18	77	26044	24.367	ng/ul	91
8) Phenol	7.22	94	32154	18.377	ng/ul	89
10) Bis(2-Chloroethyl)ether	7.46	93	22886	18.985	ng/ul	99
12) 2-Chlorophenol	7.61	128	25040	20.257	ng/ul	96
13) 2-Methylphenol	8.49	108	25453	19.086	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.58	45	27832	19.702	ng/ul	99
16) Acetophenone	8.87	105	43186	19.874	ng/ul	85
17) N-Nitroso-di-n-propylamine	8.85	70	21718	19.382	ng/ul#	84
18) 4-Methylphenol	8.81	108	27076	19.299	ng/ul	97
19) Hexachloroethane	9.14	117	11498	20.648	ng/ul#	79
22) Nitrobenzene	9.26	77	36804	19.915	ng/ul	97
23) Isophorone	9.78	82	64057	20.686	ng/ul	99
25) 2-Nitrophenol	9.97	139	13878	20.332	ng/ul#	80
26) 2,4-Dimethylphenol	10.03	107	34182	21.012	ng/ul	97
27) Bis(2-Chloroethoxy)methane	10.26	93	31942	20.681	ng/ul#	97
29) 2,4-Dichlorophenol	10.52	162	26567	20.602	ng/ul	93
30) Naphthalene	10.92	128	84193	20.303	ng/ul#	95
32) 4-Chloroaniline	11.02	127	34257	19.589	ng/ul#	89
33) Hexachlorobutadiene	11.20	225	20804	21.102	ng/ul#	85
34) Caprolactam	11.77	113	8304m	> 18.934	ng/ul	> 07/27/21JU

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Acq On : 24 Jul 2021 4:04
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
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7/26/2021 1:29:19 PM

Quant Time: Jul 24 07:47:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 24 06:15:51 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.14	107	30131	20.767 ng/ul	97
36) 2-Methylnaphthalene	12.53	142	61458	20.250 ng/ul	98
37) 1-Methylnaphthalene	12.74	142	61660	20.105 ng/ul	85
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	34273	20.789 ng/ul#	90
40) Hexachlorocyclopentadiene	12.87	237	16674	16.786 ng/ul#	93
41) 2,4,6-Trichlorophenol	13.13	196	20320	20.057 ng/ul#	83
42) 2,4,5-Trichlorophenol	13.20	196	23024m >	21.280 ng/ul >	67/27/21JU
43) 1,1'-Biphenyl	13.53	154	82434	20.870 ng/ul	97
44) 2-Chloronaphthalene	13.57	162	63530	20.669 ng/ul	95
45) 2-Nitroaniline	13.78	65	23174	21.245 ng/ul	98
47) Dimethylphthalate	14.14	163	84126	20.360 ng/ul	98
48) 2,6-Dinitrotoluene	14.26	165	17872	21.673 ng/ul#	92
50) Acenaphthylene	14.42	152	98272	20.852 ng/ul	100
51) 3-Nitroaniline	14.59	138	17408	21.166 ng/ul	91
52) Acenaphthene	14.76	153	70425	20.835 ng/ul	96
53) 2,4-Dinitrophenol	14.81	184	6673	16.242 ng/ul#	66
55) 4-Nitrophenol	14.90	109	18448	19.444 ng/ul	91
56) Dibenzofuran	15.09	168	95745	20.978 ng/ul	99
57) 2,4-Dinitrotoluene	15.05	165	26868	22.986 ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.32	232	21107	21.497 ng/ul#	99
59) Diethylphthalate	15.50	149	89326	20.888 ng/ul	99
61) Fluorene	15.74	166	83012	21.424 ng/ul	94
62) 4-Chlorophenyl-phenylether	15.73	204	42946	21.292 ng/ul	92
63) 4-Nitroaniline	15.76	138	18555	22.751 ng/ul	100
66) 4,6-Dinitro-2-methylphenol	15.81	198	13893	18.268 ng/ul#	87
67) N-Nitrosodiphenylamine	15.95	169	67085	19.200 ng/ul	95
68) 4-Bromophenyl-phenylether	16.63	248	29178	19.655 ng/ul	94
69) Hexachlorobenzene	16.75	284	34286	20.413 ng/ul	99
70) Atrazine	16.89	200	32948	20.646 ng/ul	98
71) Pentachlorophenol	17.10	266	11508	14.798 ng/ul	95
72) Phenanthrene	17.49	178	138874	20.009 ng/ul	97
74) Anthracene	17.58	178	142702	20.289 ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.49	216	33902	18.713 ng/uL	94
76) Pentachlorobenzene	15.02	250	37347	19.484 ng/uL	96
77) Carbazole	17.85	167	128368	20.415 ng/ul	98
78) Di-n-butylphthalate	18.40	149	157746	20.173 ng/ul	100
80) Fluoranthene	19.50	202	185647	20.396 ng/ul	99
82) Pyrene	19.86	202	186512	20.638 ng/ul	99
83) Butylbenzylphthalate	20.74	149	72420	20.583 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.62	252	70095	20.809 ng/ul#	95
85) Benzo(a)anthracene	21.71	228	185527	20.699 ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.60	149	106891	20.471 ng/ul#	95
87) Chrysene	21.77	228	174652	20.358 ng/ul	99
89) Di-n-octyl phthalate	22.83	149	179214	19.580 ng/ul	100
90) Benzo(b)fluoranthene	23.96	252	194092	19.888 ng/ul	97
91) Benzo(k)fluoranthene	24.02	252	195587	20.478 ng/ul	98
93) Benzo(a)pyrene	24.84	252	176036	20.792 ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.73	276	221573	20.511 ng/ul	99
95) Dibenzo(a,h)anthracene	28.81	278	181707	20.326 ng/ul#	98
96) Benzo(g,h,i)perylene	29.90	276	180987	20.151 ng/ul#	90

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG072421\
Data File : BG049444.D
Acq On : 24 Jul 2021 4:04
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 24 07:47:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 24 06:15:51 2021
Response via : Initial Calibration

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

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

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
mohammad
7/26/2021 1:29:19 PM