Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100421\
Data File : BG050421.D
Acq On : 4 Oct 2021 20:22
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 05 01:36:39 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
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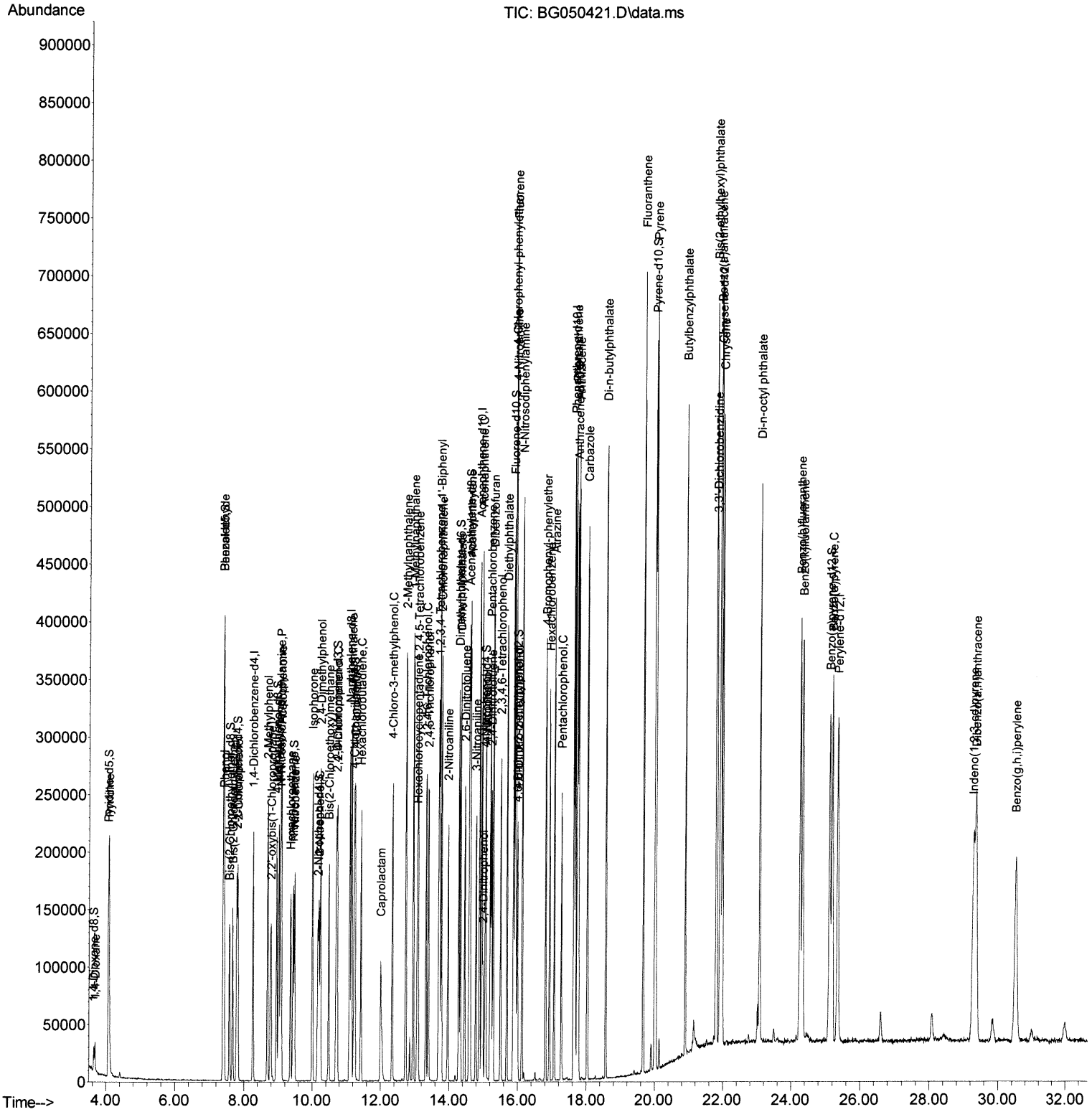

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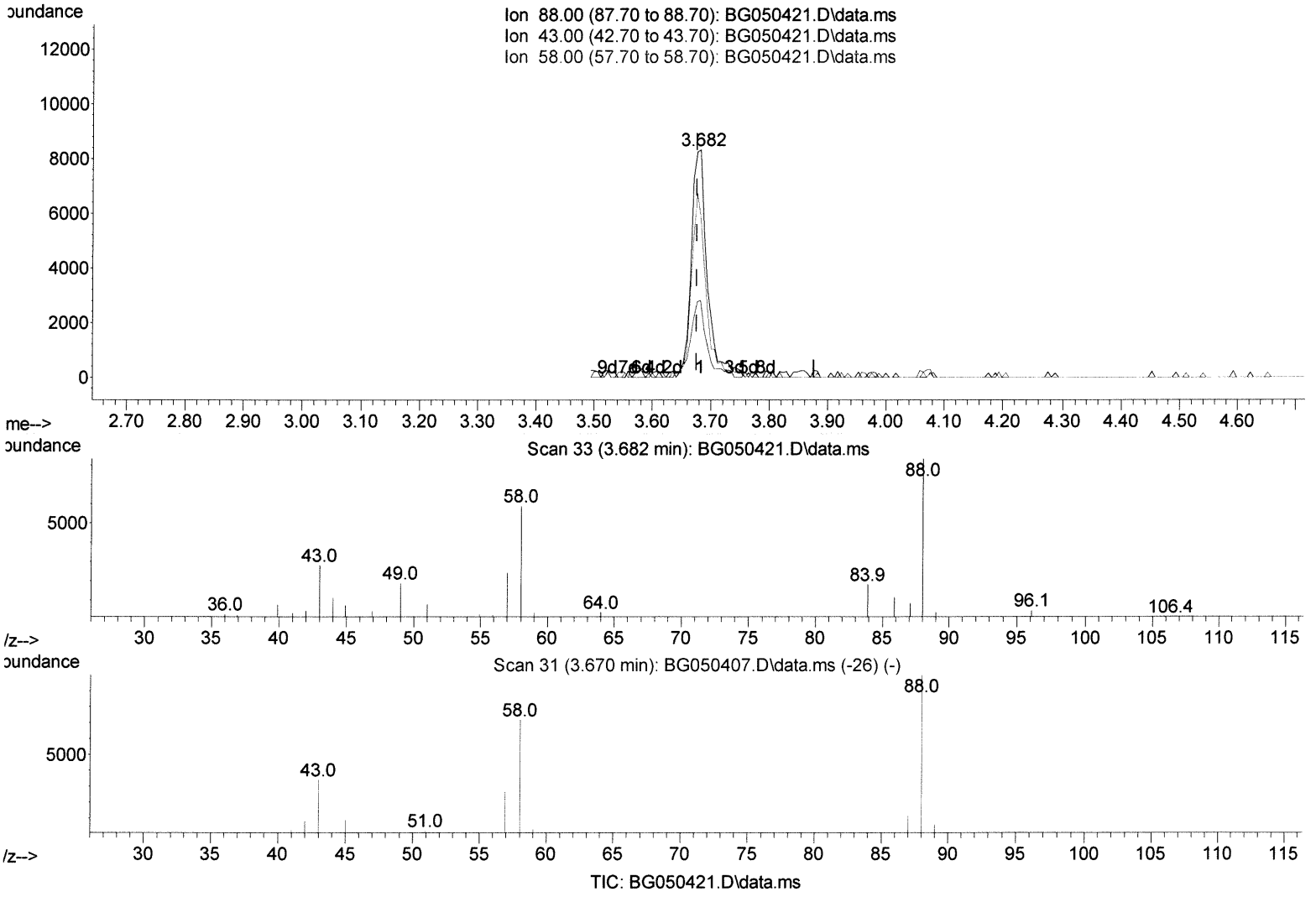

(2) 1,4-Dioxane

3.682min (+ 0.006) 8.16 ng/uL

response 14979

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	29.80	33.76
58.00	67.10	70.54
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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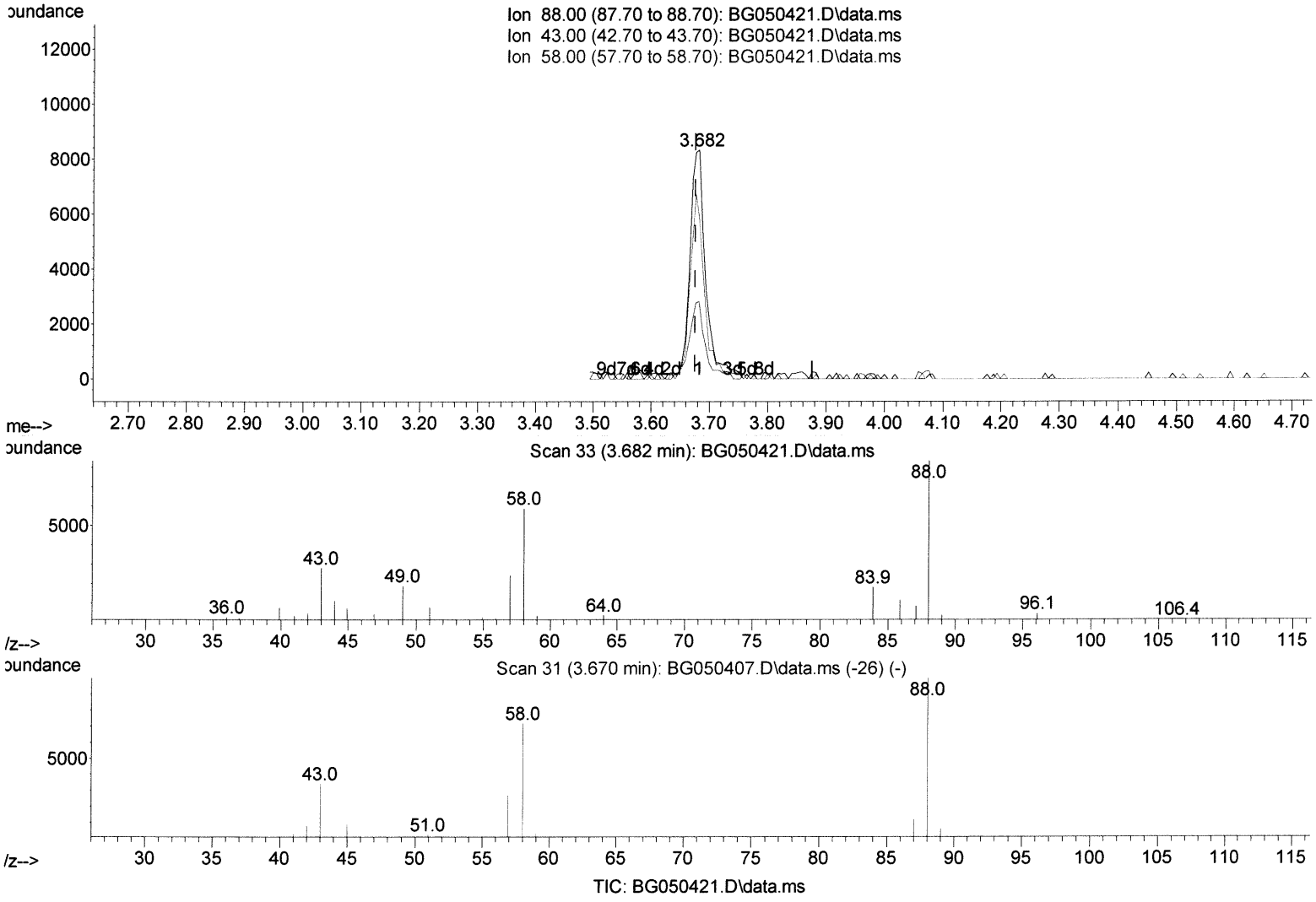

TIC: BG050421.D\data.ms

(2) 1,4-Dioxane

3.682min (+ 0.006) 8.41 ng/uL m

response 15441

JU 10/08/21

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	29.80	33.76
58.00	67.10	70.54
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100421\
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Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

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Instrument :
BNA_G
LabSampleId :
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Manual Integrations APPROVED
mohammad
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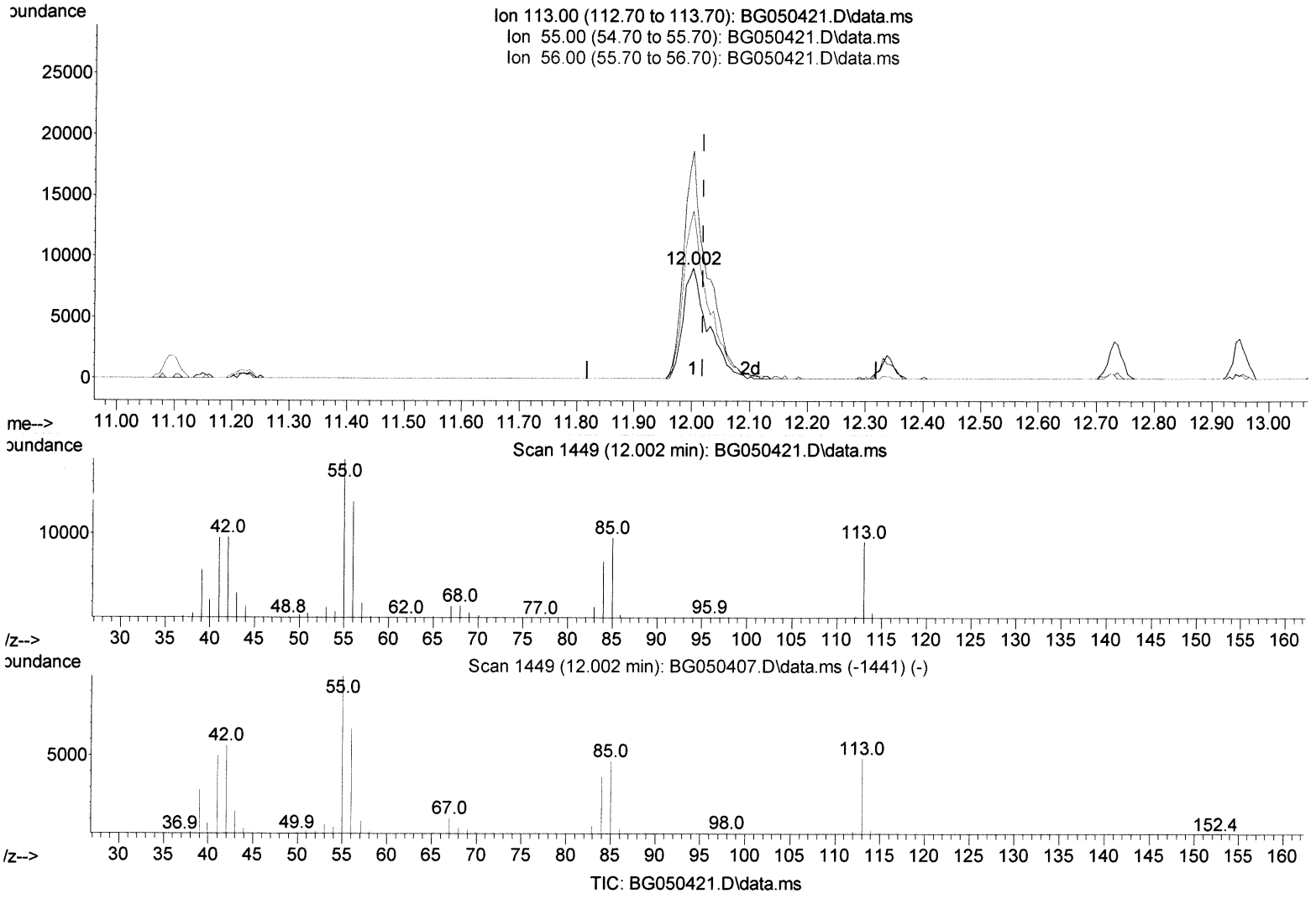

(34) Caprolactam

12.002min (-0.017) 15.23 ng/ul

response 20263

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	206.46
56.00	132.30	152.06
0.00	0.00	0.00

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Misc :
ALS Vial : 2 Sample Multiplier: 1

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Manual Integrations APPROVED
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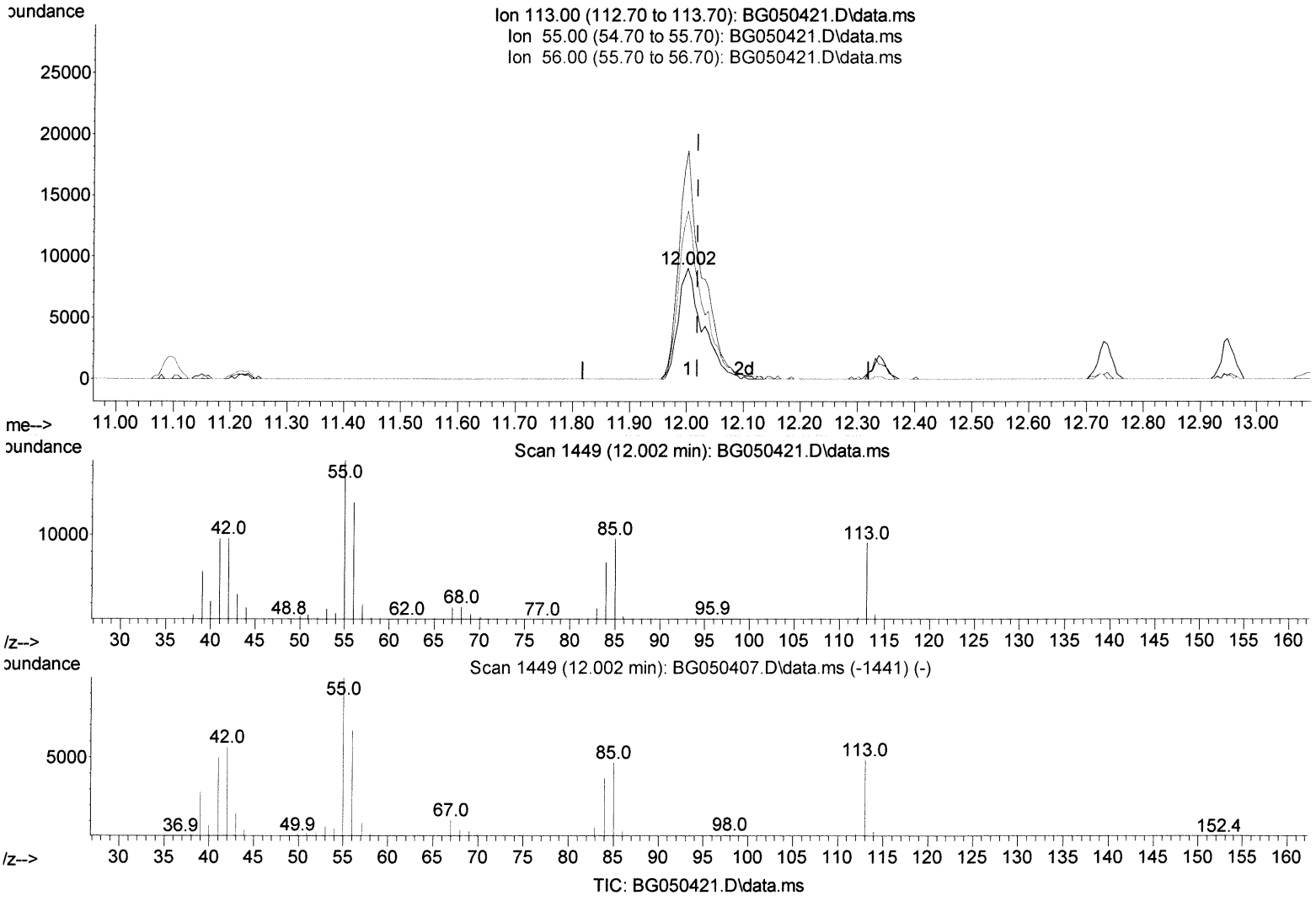

(34) Caprolactam

12.002min (-0.017) 20.23 ng/ul m

JU 10/08/21

response 26916

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	206.46
56.00	132.30	152.06
0.00	0.00	0.00

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	55753	20.000	ng/ul	0.00
20) Naphthalene-d8	11.097	136	234638	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.887	164	155111	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.631	188	326158	20.000	ng/ul	0.00
79) Chrysene-d12	21.931	240	292188	20.000	ng/ul	#-0.02
88) Perylene-d12	25.357	264	291045	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.641	96	13097	8.631	ng/uL	0.00
4) Pyridine-d5	4.064	84	96105	21.253	ng/ul	0.00
7) Phenol-d5	7.401	99	106038	21.769	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.583	67	68925	22.483	ng/ul	0.00
11) 2-Chlorophenol-d4	7.795	132	76579	22.437	ng/ul	0.00
15) 4-Methylphenol-d8	8.958	113	82149	22.281	ng/ul	0.00
21) Nitrobenzene-d5	9.440	128	37609	22.912	ng/ul	0.00
24) 2-Nitrophenol-d4	10.169	143	41090	23.325	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.703	165	75684	21.756	ng/ul	0.00
31) 4-Chloroaniline-d4	11.220	131	102845	20.695	ng/ul	0.00
46) Dimethylphthalate-d6	14.281	166	215872	20.336	ng/ul	-0.01
49) Acenaphthylene-d8	14.581	160	281514	21.117	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.051	143	40456	19.787	ng/ul	0.00
60) Fluorene-d10	15.874	176	192221	20.098	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.980	200	31490	19.357	ng/ul	0.00
73) Anthracene-d10	17.730	188	291855	21.181	ng/ul	0.00
81) Pyrene-d10	19.998	212	332049	21.372	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.116	264	310969	21.249	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.682	88	15441m	8.410	ng/uL	JU 10/08/21
5) Pyridine	4.088	79	98331	21.467	ng/ul	99
6) Benzaldehyde	7.401	77	83123	25.875	ng/ul	97
8) Phenol	7.431	94	109941	22.020	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.677	93	82479	22.024	ng/ul	95
12) 2-Chlorophenol	7.824	128	76680	21.959	ng/ul	94
13) 2-Methylphenol	8.694	108	80816	21.964	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.794	45	134529	23.942	ng/ul	100
16) Acetophenone	9.093	105	129188	22.053	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.070	70	78536	22.308	ng/ul	95
18) 4-Methylphenol	9.023	108	86337	22.156	ng/ul	95
19) Hexachloroethane	9.364	117	33072	22.037	ng/ul	99
22) Nitrobenzene	9.481	77	113730	23.118	ng/ul	99
23) Isophorone	10.004	82	206899	21.884	ng/ul	98
25) 2-Nitrophenol	10.198	139	43597	24.079	ng/ul	92
26) 2,4-Dimethylphenol	10.239	107	97943	21.792	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.480	93	110856	21.718	ng/ul	96
29) 2,4-Dichlorophenol	10.727	162	74336	21.584	ng/ul	93
30) Naphthalene	11.150	128	257224	21.353	ng/ul	98
32) 4-Chloroaniline	11.244	127	103282	20.643	ng/ul	96
33) Hexachlorobutadiene	11.420	225	52424	20.946	ng/ul	96
34) Caprolactam	12.002	113	26916m	20.229	ng/ul	JU 10/08/21
35) 4-Chloro-3-methylphenol	12.337	107	88381	21.766	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.730	142	169138	20.652	ng/ul	97
37) 1-Methylnaphthalene	12.948	142	171635	20.817	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.089	216	95642	21.366	ng/ul	98
40) Hexachlorocyclopentadiene	13.065	237	49412	16.645	ng/ul	93
41) 2,4,6-Trichlorophenol	13.324	196	60897	21.584	ng/ul	98
42) 2,4,5-Trichlorophenol	13.394	196	66193	21.448	ng/ul	98
43) 1,1'-Biphenyl	13.723	154	226210	21.671	ng/ul	100
44) 2-Chloronaphthalene	13.770	162	177143	21.661	ng/ul	98
45) 2-Nitroaniline	13.964	65	66843	24.966	ng/ul	90
47) Dimethylphthalate	14.329	163	218307	20.439	ng/ul	99
48) 2,6-Dinitrotoluene	14.452	165	44400	22.100	ng/ul	94
50) Acenaphthylene	14.611	152	289797	21.431	ng/ul	98
51) 3-Nitroaniline	14.781	138	50298	23.015	ng/ul	92
52) Acenaphthene	14.951	153	189331	21.184	ng/ul	97
53) 2,4-Dinitrophenol	14.987	184	20990	16.761	ng/ul	90
55) 4-Nitrophenol	15.069	109	43070	21.303	ng/ul	96
56) Dibenzofuran	15.280	168	270826	20.835	ng/ul	96
57) 2,4-Dinitrotoluene	15.233	165	63577	21.792	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.498	232	54262	20.445	ng/ul#	92
59) Diethylphthalate	15.680	149	223393	20.045	ng/ul	99
61) Fluorene	15.933	166	206747	19.992	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.915	204	109954	19.633	ng/ul	95
63) 4-Nitroaniline	15.938	138	48511	21.981	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.991	198	31184	19.392	ng/ul#	97
67) N-Nitrosodiphenylamine	16.126	169	183628	22.267	ng/ul	97
68) 4-Bromophenyl-phenylether	16.814	248	65725	21.644	ng/ul	96
69) Hexachlorobenzene	16.931	284	66953	20.938	ng/ul	97
70) Atrazine	17.066	200	75115	21.393	ng/ul	97
71) Pentachlorophenol	17.272	266	42746	20.413	ng/ul	95
72) Phenanthrene	17.672	178	347516	21.345	ng/ul	99
74) Anthracene	17.766	178	345470	21.426	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.694	216	102615	23.864	ng/uL	98
76) Pentachlorobenzene	15.198	250	89606	22.810	ng/uL	96
77) Carbazole	18.024	167	318700	22.083	ng/ul	99
78) Di-n-butylphthalate	18.571	149	384887	22.505	ng/ul	99
80) Fluoranthene	19.669	202	423532	21.707	ng/ul	99
82) Pyrene	20.028	202	411551	21.390	ng/ul	97
83) Butylbenzylphthalate	20.903	149	168510	23.761	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.814	252	135227	22.454	ng/ul	98
85) Benzo(a)anthracene	21.908	228	377124	21.410	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.790	149	245156	24.057	ng/ul	98
87) Chrysene	21.978	228	361707	21.427	ng/ul	99
89) Di-n-octyl phthalate	23.077	149	412815	24.684	ng/ul	100
90) Benzo(b)fluoranthene	24.258	252	370197	20.883	ng/ul	98
91) Benzo(k)fluoranthene	24.329	252	353884	21.453	ng/ul	99
93) Benzo(a)pyrene	25.192	252	358446	21.192	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.276	276	395312	20.816	ng/ul	97
95) Dibenzo(a,h)anthracene	29.352	278	340287	21.056	ng/ul	98
96) Benzo(g,h,i)perylene	30.515	276	326999	20.426	ng/ul	96

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