Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100421\
Data File : BG050459.D
Acq On : 6 Oct 2021 3:21
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 06 04:06:59 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 :
SSTDCCC020EC

Manual Integrations APPROVED
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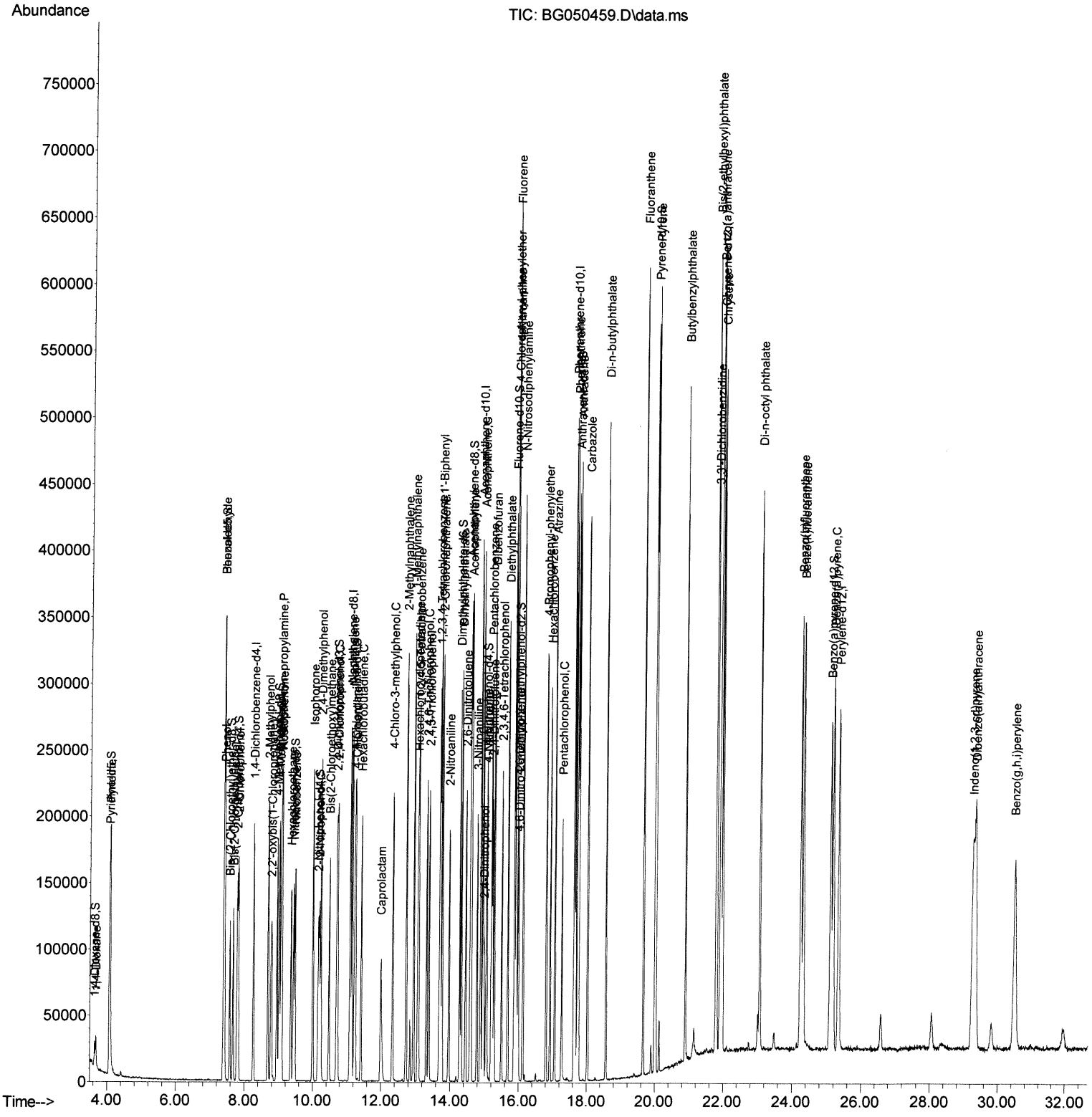

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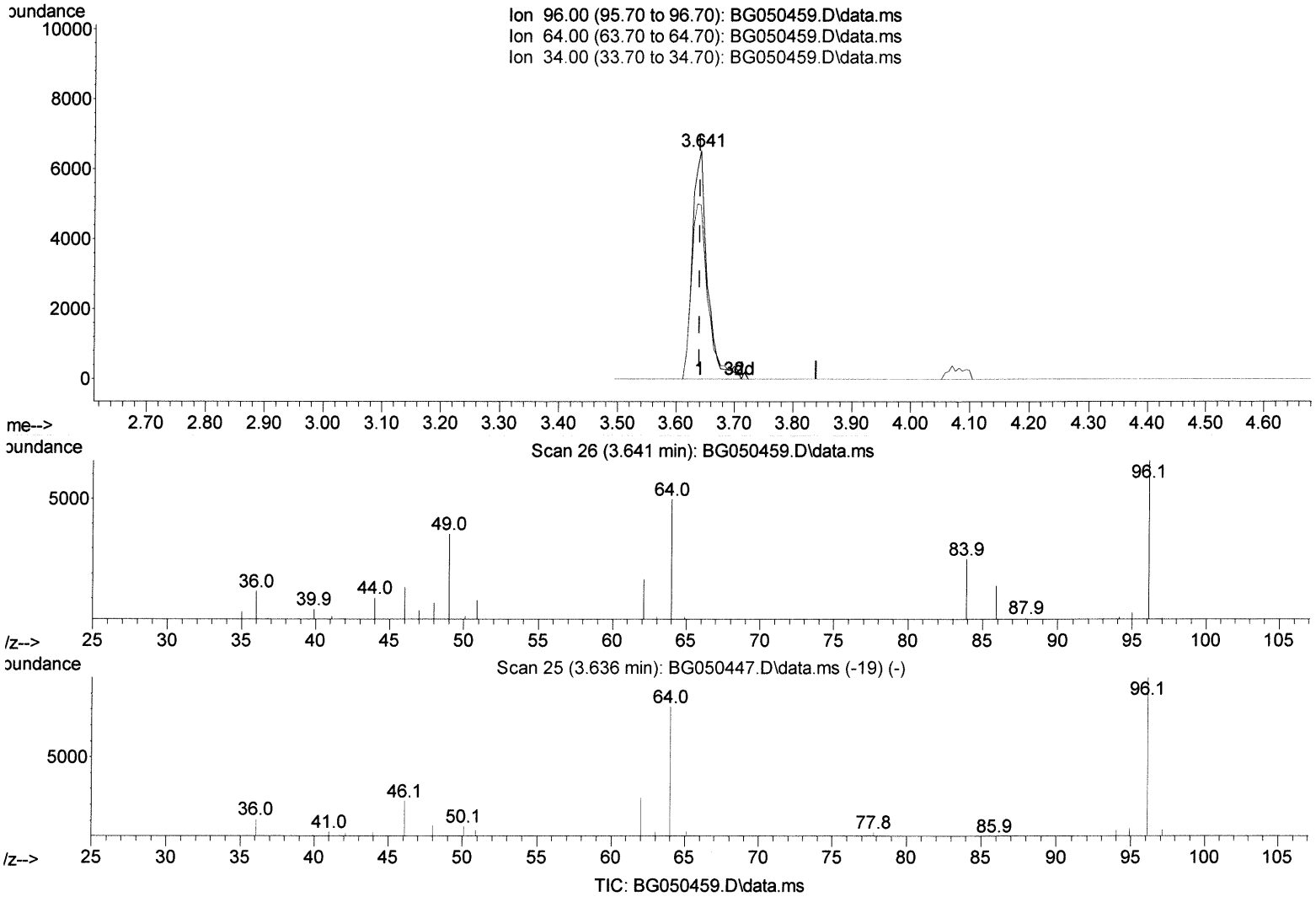

(3) 1,4-Dioxane-d8 (S)

3.641min (+ 0.001) 7.90 ng/uL

response 11368

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	89.00	76.17
34.00	0.00	0.00
0.00	0.00	0.00

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mohammad
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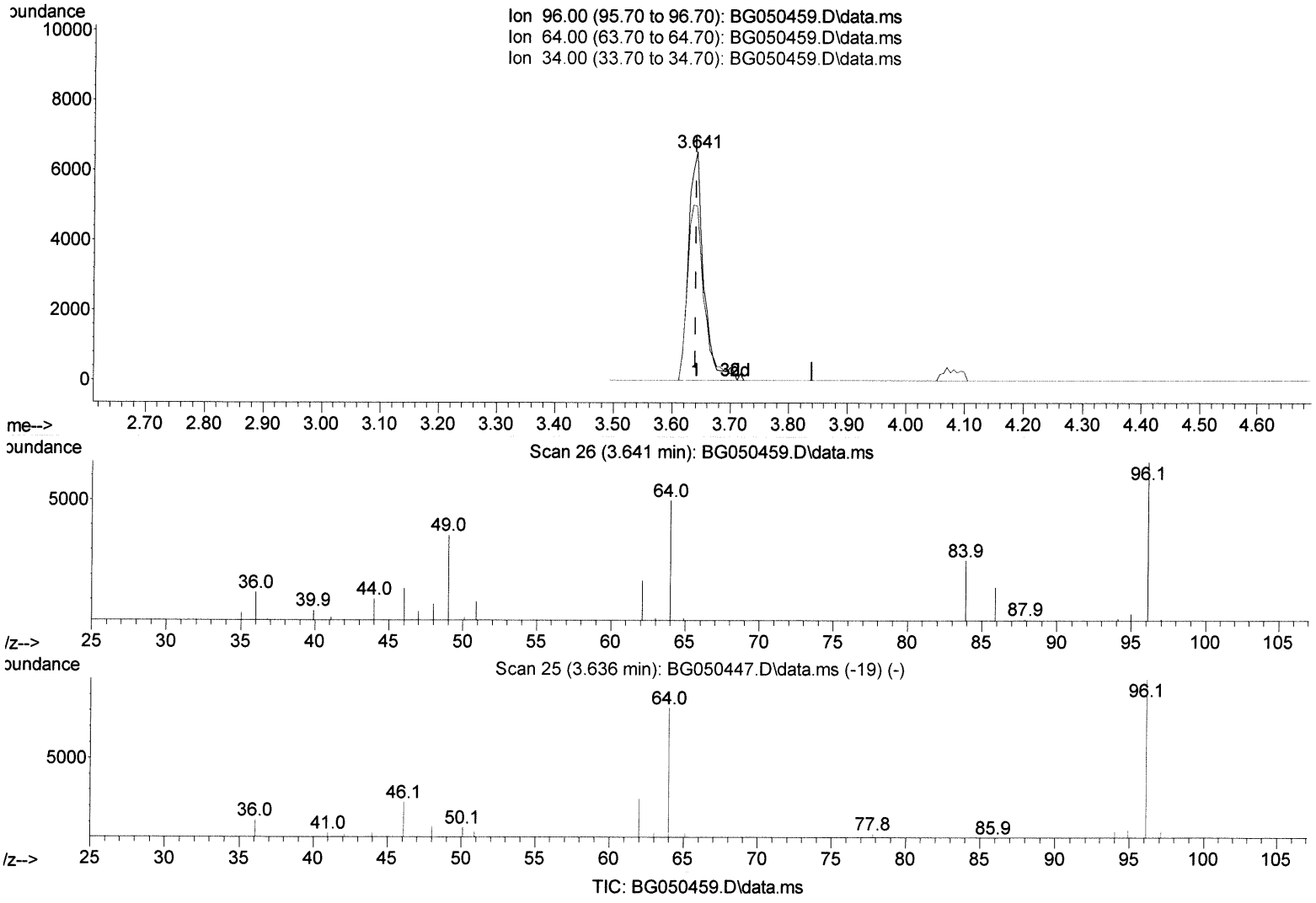

(3) 1,4-Dioxane-d8 (S)

3.641min (+ 0.001) 8.02 ng/uL m

response 11543

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	89.00	76.17
34.00	0.00	0.00
0.00	0.00	0.00

JY 10/08/21

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100421\
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Sample : SSTDCCC020EC
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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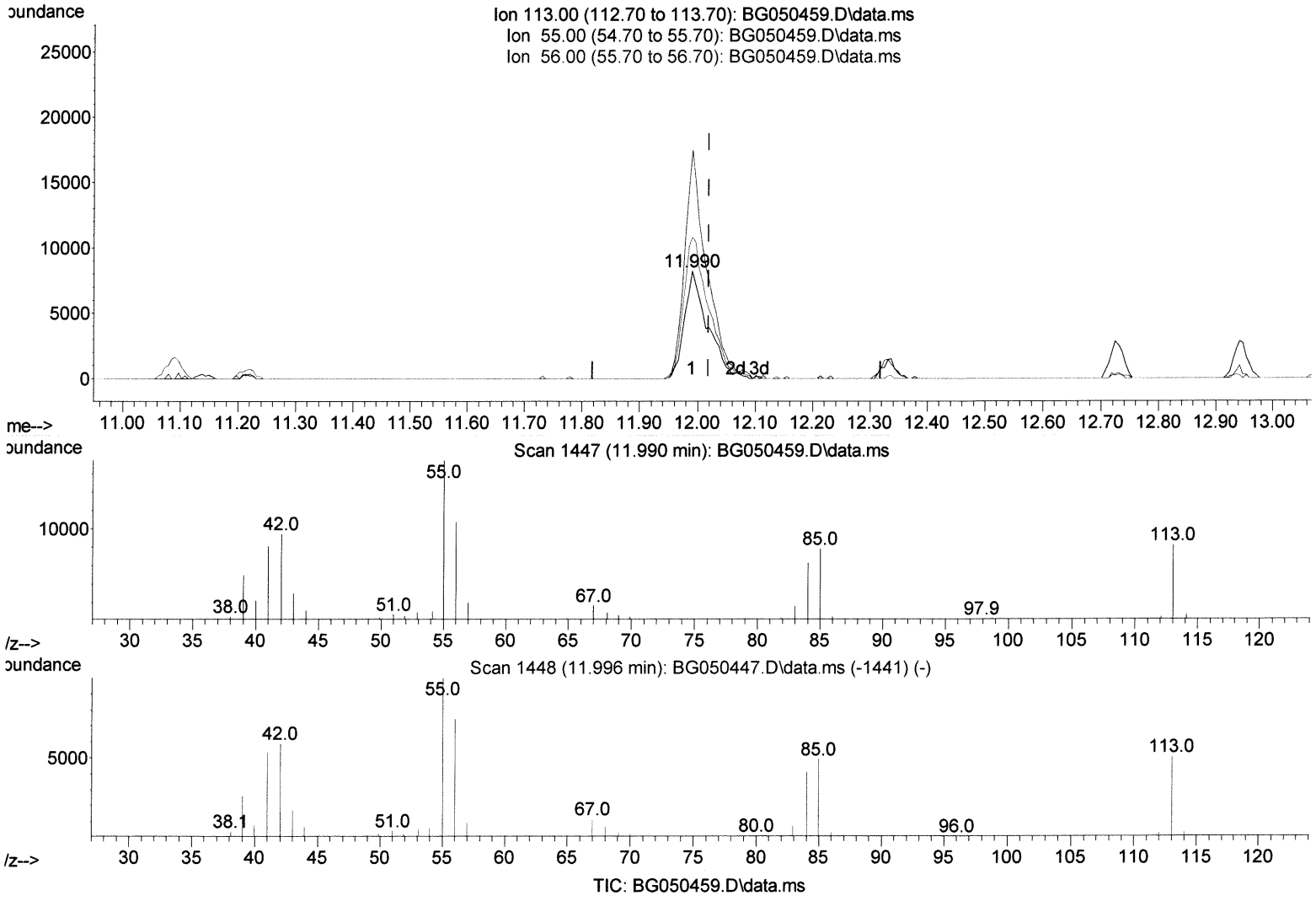

(34) Caprolactam

11.990min (-0.029) 18.17 ng/ul

response 22564

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	212.74
56.00	132.30	131.51
0.00	0.00	0.00

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Instrument :
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mohammad
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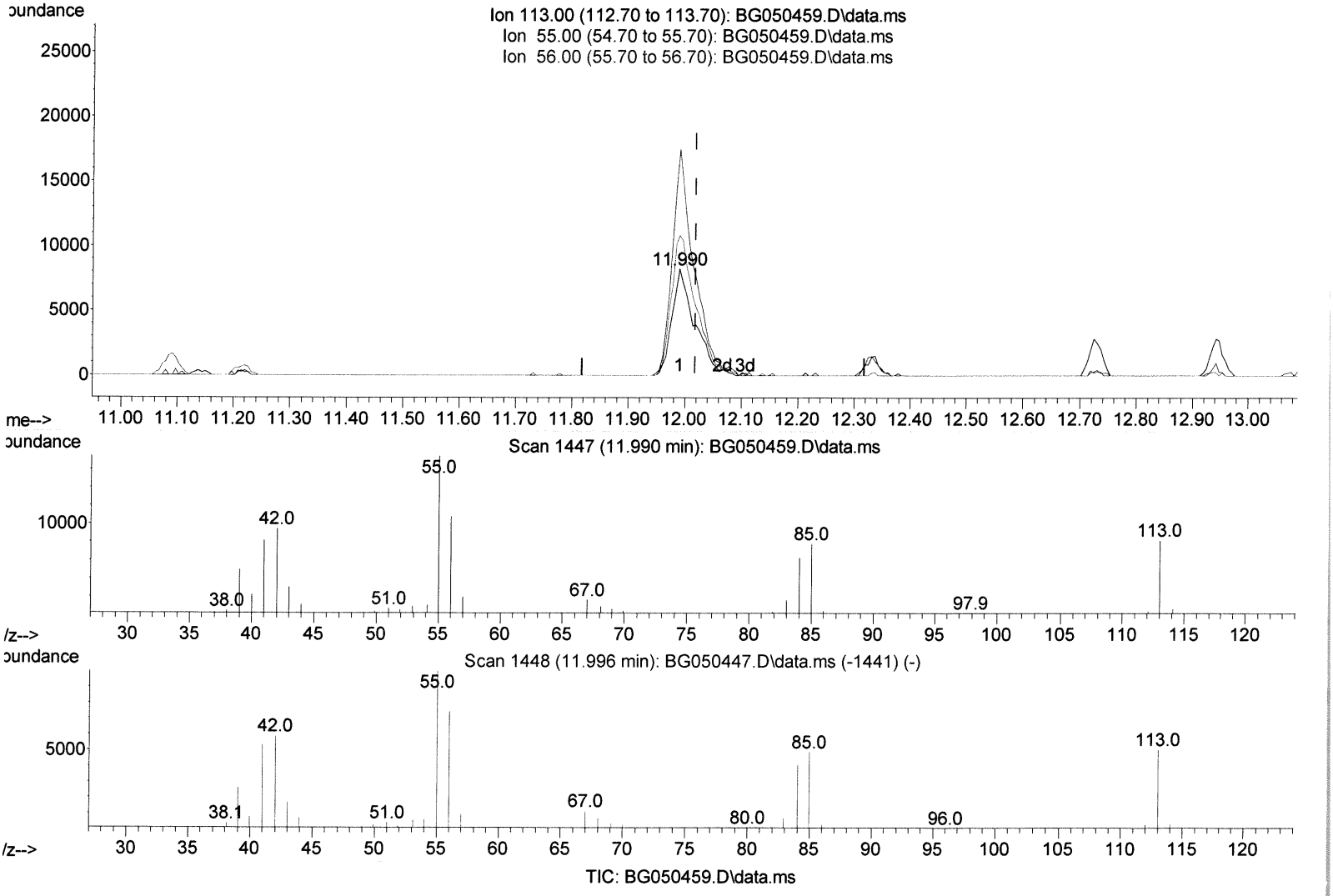

(34) Caprolactam

11.990min (-0.029) 18.51 ng/ul m JR 10/08/21

response 22978

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	212.74
56.00	132.30	131.51
0.00	0.00	0.00

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ALS Vial : 2 Sample Multiplier: 1

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Instrument :
BNA_G
LabSampleId :
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mohammad
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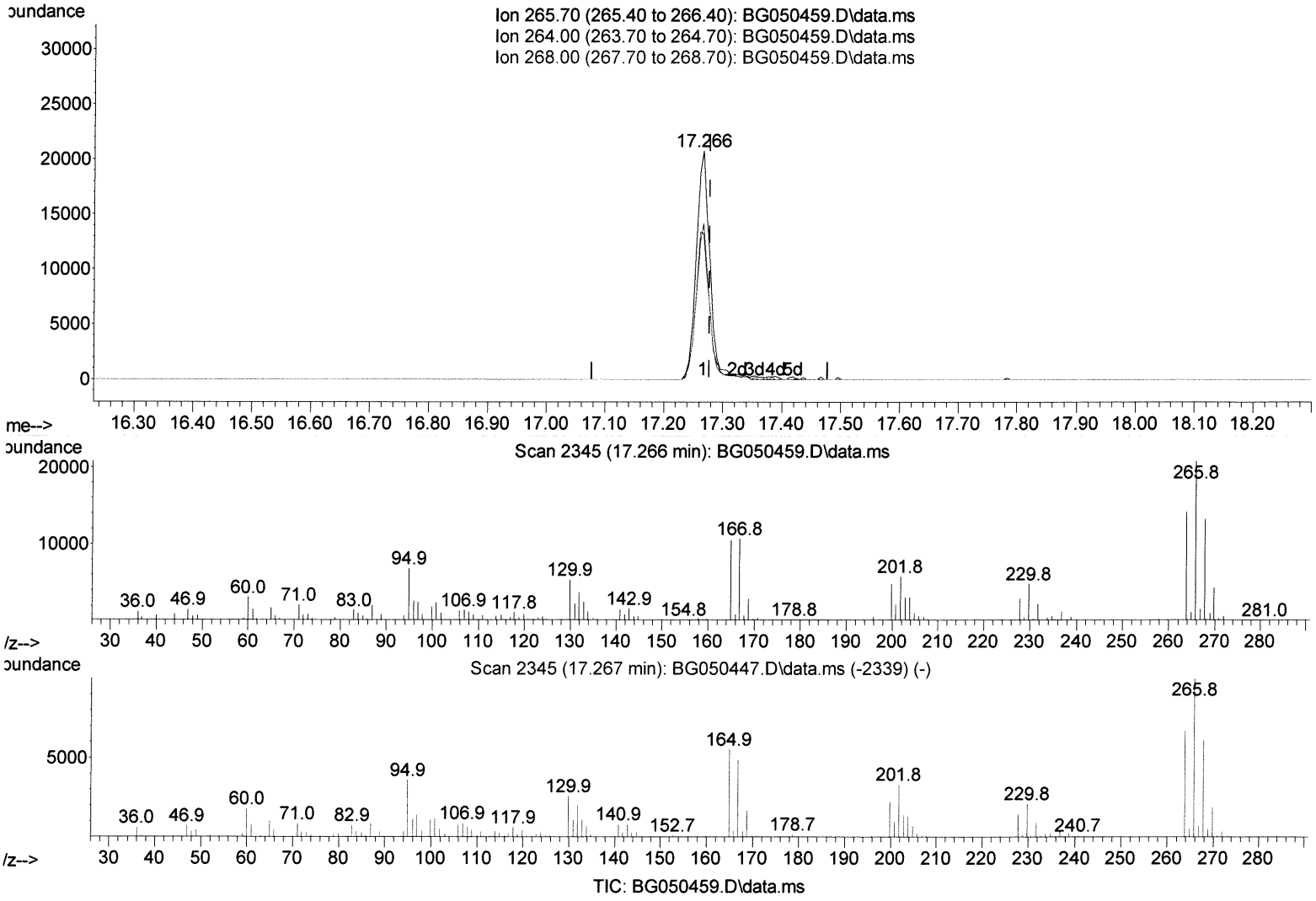

(71) Pentachlorophenol (C)

17.266min (-0.011) 17.26 ng/ul

response 32895

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	63.70	68.37
268.00	63.90	64.02
0.00	0.00	0.00

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Misc :
ALS Vial : 2 Sample Multiplier: 1

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mohammad
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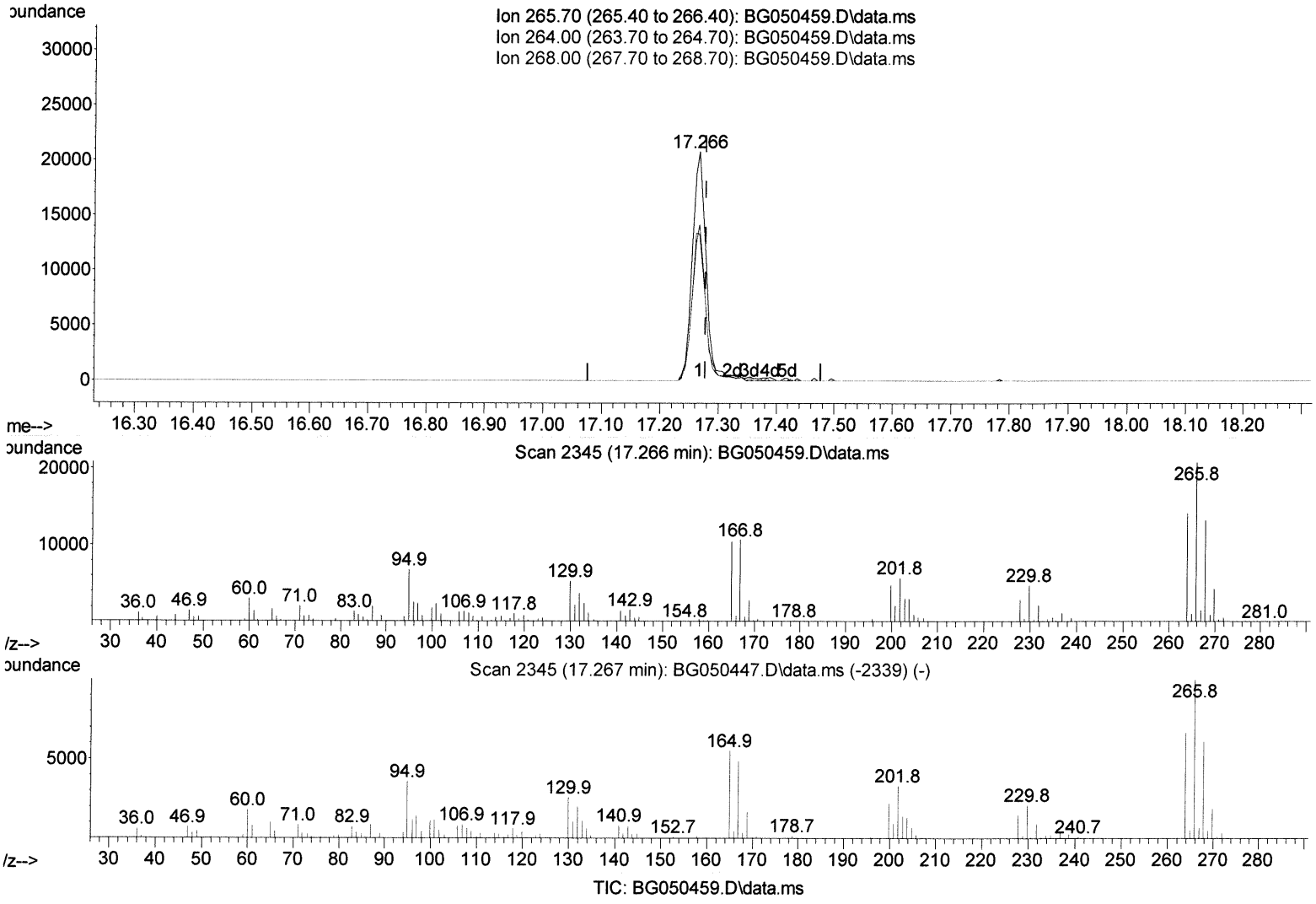

(71) Pentachlorophenol (C)

17.266min (-0.011) 17.56 ng/ul m JCP 10/08/21

response 33483

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	63.70	68.37
268.00	63.90	64.02
0.00	0.00	0.00

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LabSampleId : SSTDCCC020EC

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.265	152	52870	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.091	136	218961	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.881	164	137661	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.625	188	296922	20.000	ng/ul	-0.01
79) Chrysene-d12	21.925	240	271958	20.000	ng/ul	-0.02
88) Perylene-d12	25.345	264	267791	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.641	96	11543m	8.021	ng/uL	0.00
4) Pyridine-d5	4.058	84	87808	20.477	ng/ul	-0.01
7) Phenol-d5	7.395	99	92521	20.030	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.577	67	62307	21.432	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.789	132	66876	20.662	ng/ul	-0.01
15) 4-Methylphenol-d8	8.952	113	70540	20.176	ng/ul	-0.01
21) Nitrobenzene-d5	9.434	128	33772	22.048	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.163	143	36519	22.214	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.697	165	65648	20.223	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.220	131	90935	19.609	ng/ul	0.00
46) Dimethylphthalate-d6	14.276	166	188981	20.059	ng/ul	-0.02
49) Acenaphthylene-d8	14.581	160	246958	20.873	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.045	143	36047	19.865	ng/ul	-0.01
60) Fluorene-d10	15.868	176	167392	19.721	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.979	200	26696	18.026	ng/ul	0.00
73) Anthracene-d10	17.724	188	256766	20.470	ng/ul	-0.01
81) Pyrene-d10	19.998	212	289806	20.041	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.104	264	276565	20.539	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.670	88	13891	7.979	ng/uL#	78
5) Pyridine	4.082	79	92284	21.246	ng/ul	99
6) Benzaldehyde	7.395	77	75719	24.855	ng/ul	98
8) Phenol	7.425	94	98050	20.709	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.677	93	74288	20.918	ng/ul	96
12) 2-Chlorophenol	7.824	128	70180	21.194	ng/ul	96
13) 2-Methylphenol	8.688	108	71379	20.457	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.788	45	117669	22.084	ng/ul	98
16) Acetophenone	9.093	105	113920	20.507	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.070	70	68984	20.663	ng/ul	92
18) 4-Methylphenol	9.017	108	76324	20.655	ng/ul	94
19) Hexachloroethane	9.364	117	29488	20.720	ng/ul	99
22) Nitrobenzene	9.475	77	99189	21.606	ng/ul	100
23) Isophorone	9.998	82	179865	20.387	ng/ul	100
25) 2-Nitrophenol	10.192	139	38452	22.758	ng/ul	96
26) 2,4-Dimethylphenol	10.233	107	86378	20.595	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.480	93	97626	20.496	ng/ul	99
29) 2,4-Dichlorophenol	10.721	162	65272	20.309	ng/ul	94
30) Naphthalene	11.144	128	221528	19.706	ng/ul	98
32) 4-Chloroaniline	11.244	127	91961	19.696	ng/ul	100
33) Hexachlorobutadiene	11.414	225	44654	19.119	ng/ul	99
34) Caprolactam	11.990	113	22978m	18.505	ng/ul	97
35) 4-Chloro-3-methylphenol	12.331	107	76809	20.271	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.724	142	149435	19.552	ng/ul	100
37) 1-Methylnaphthalene	12.942	142	150755	19.593	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.089	216	80627	20.295	ng/ul#	95
40) Hexachlorocyclopentadiene	13.059	237	52510	19.931	ng/ul	92
41) 2,4,6-Trichlorophenol	13.318	196	53518	21.373	ng/ul	96
42) 2,4,5-Trichlorophenol	13.388	196	57085	20.841	ng/ul	97
43) 1,1'-Biphenyl	13.717	154	196349	21.195	ng/ul	98
44) 2-Chloronaphthalene	13.764	162	152998	21.080	ng/ul	97
45) 2-Nitroaniline	13.958	65	57426	24.168	ng/ul	91
47) Dimethylphthalate	14.323	163	188852	19.923	ng/ul	99
48) 2,6-Dinitrotoluene	14.446	165	39625	22.223	ng/ul	98
50) Acenaphthylene	14.610	152	250268	20.854	ng/ul	99
51) 3-Nitroaniline	14.775	138	42366	21.843	ng/ul	86
52) Acenaphthene	14.945	153	163969	20.672	ng/ul	97
53) 2,4-Dinitrophenol	14.981	184	21831	19.642	ng/ul#	85
55) 4-Nitrophenol	15.063	109	35345	19.698	ng/ul	98
56) Dibenzofuran	15.280	168	234840	20.357	ng/ul	96
57) 2,4-Dinitrotoluene	15.227	165	54774	21.155	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.498	232	45378	19.265	ng/ul#	98
59) Diethylphthalate	15.680	149	195805	19.797	ng/ul	98
61) Fluorene	15.927	166	180870	19.707	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.909	204	95558	19.225	ng/ul	93
63) 4-Nitroaniline	15.932	138	42634	21.767	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.991	198	26406	18.038	ng/ul#	98
67) N-Nitrosodiphenylamine	16.120	169	161128	21.463	ng/ul	99
68) 4-Bromophenyl-phenylether	16.808	248	55976	20.249	ng/ul	92
69) Hexachlorobenzene	16.925	284	57528	19.762	ng/ul	98
70) Atrazine	17.060	200	64722	20.248	ng/ul	98
71) Pentachlorophenol	17.266	266	33483m	17.564	ng/ul	98
72) Phenanthrene	17.666	178	301454	20.339	ng/ul	98
74) Anthracene	17.760	178	302776	20.627	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.688	216	88181	22.526	ng/uL	97
76) Pentachlorobenzene	15.192	250	77430	21.651	ng/uL	97
77) Carbazole	18.024	167	277027	21.085	ng/ul	98
78) Di-n-butylphthalate	18.565	149	336564	21.617	ng/ul	99
80) Fluoranthene	19.663	202	370961	20.427	ng/ul	98
82) Pyrene	20.022	202	365779	20.425	ng/ul	97
83) Butylbenzylphthalate	20.897	149	147430	22.335	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.808	252	122515	21.857	ng/ul	99
85) Benzo(a)anthracene	21.902	228	334722	20.416	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.784	149	218914	23.080	ng/ul	97
87) Chrysene	21.972	228	319593	20.341	ng/ul	99
89) Di-n-octyl phthalate	23.065	149	366171	23.797	ng/ul	100
90) Benzo(b)fluoranthene	24.246	252	329606	20.207	ng/ul	98
91) Benzo(k)fluoranthene	24.317	252	317001	20.886	ng/ul	100
93) Benzo(a)pyrene	25.180	252	316374	20.329	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.258	276	349925	20.026	ng/ul#	95
95) Dibenzo(a,h)anthracene	29.334	278	300196	20.188	ng/ul	98
96) Benzo(g,h,i)perylene	30.486	276	288639	19.596	ng/ul	97

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