Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG050025.D
Acq On : 28 Aug 2021 11:27
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Aug 29 02:57:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 27 11:22:49 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
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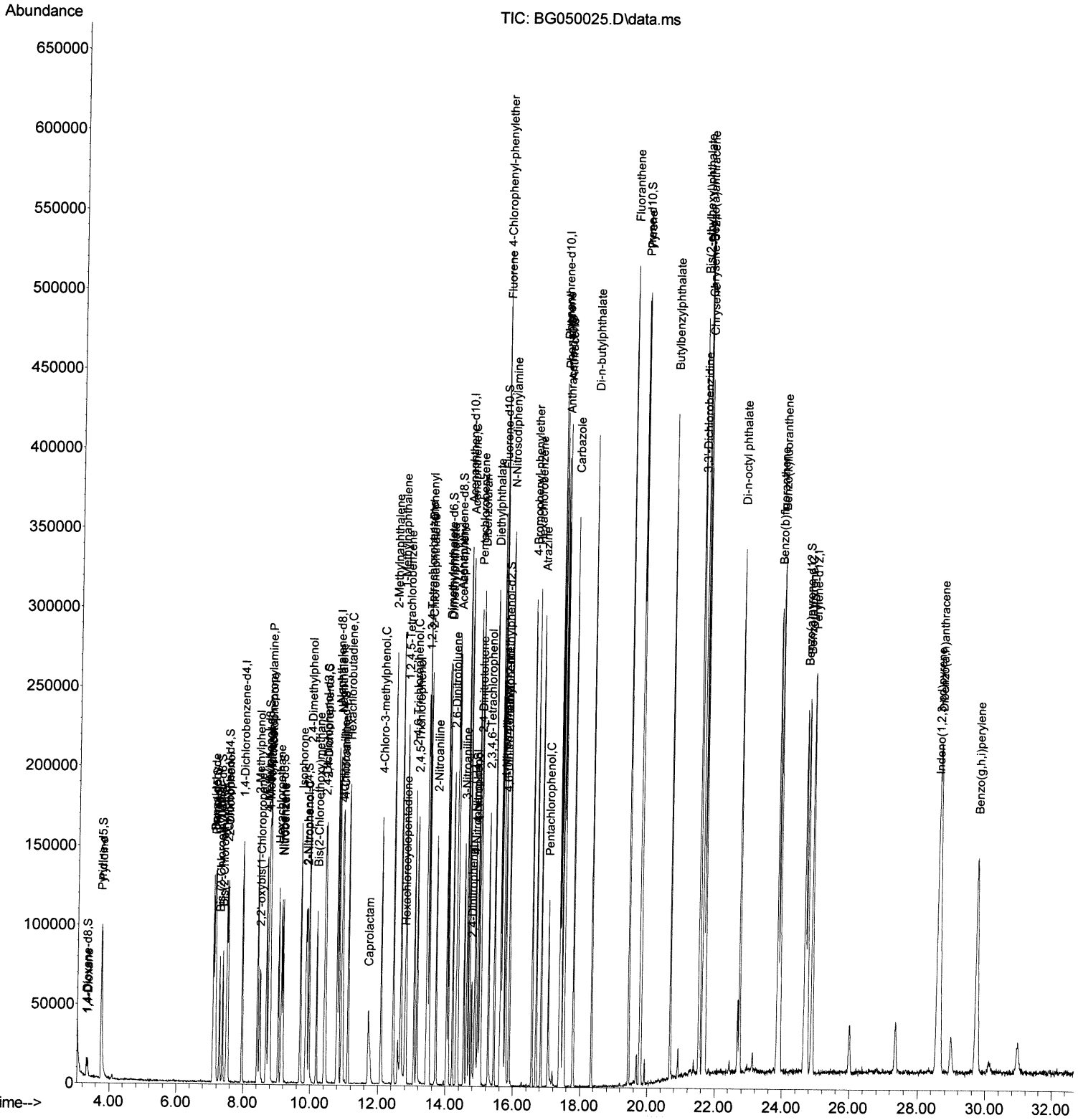

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
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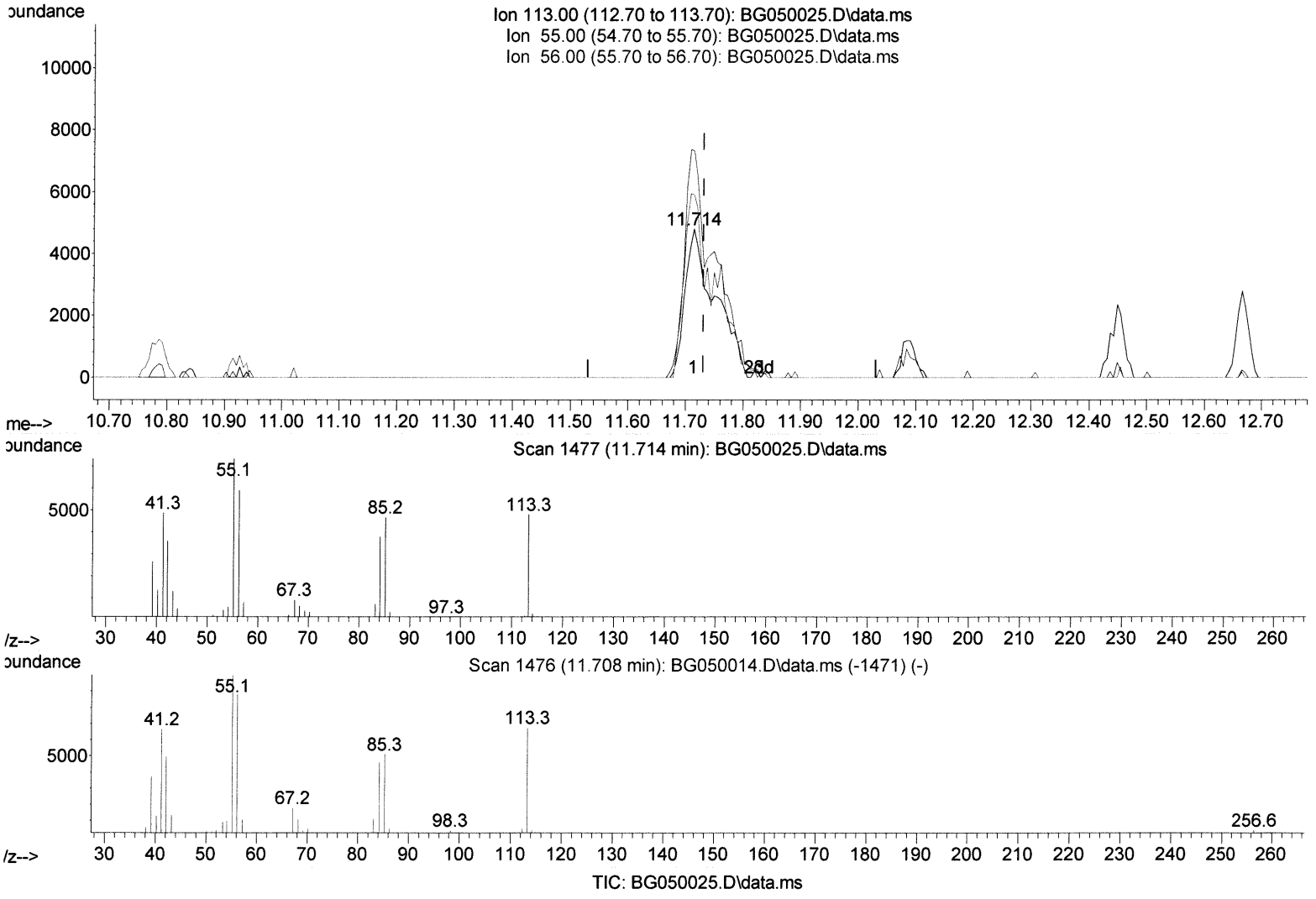

(34) Caprolactam

11.714min (-0.017) 12.47 ng/ul

response 11612

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	153.03
56.00	134.20	123.11
0.00	0.00	0.00

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Instrument :
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Manual Integrations APPROVED
mohammad
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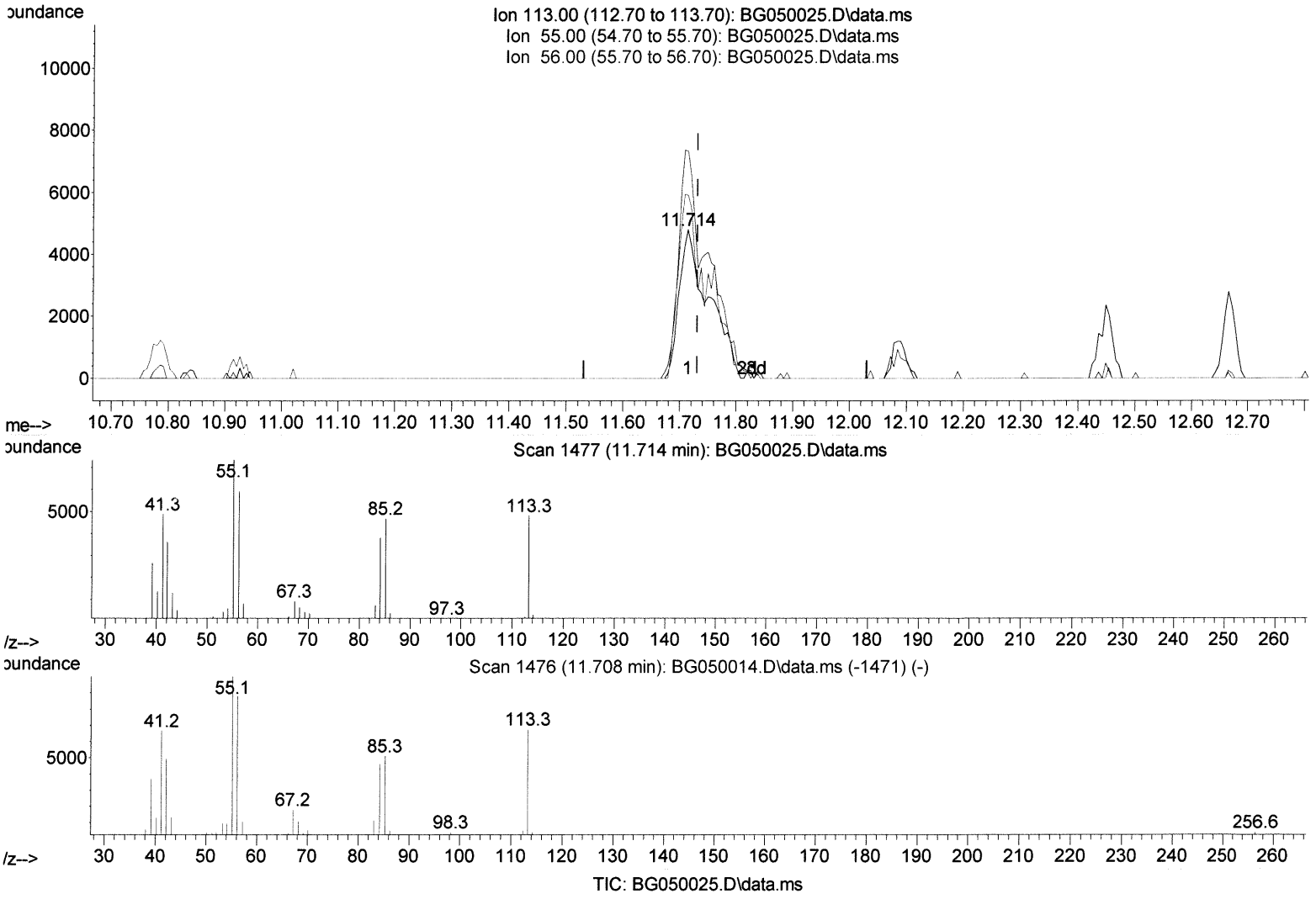

(34) Caprolactam

11.714min (-0.017) 18.82 ng/ul m

response 17530

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	153.03
56.00	134.20	123.11
0.00	0.00	0.00

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Misc :
ALS Vial : 26 Sample Multiplier: 1

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LabSampleId :
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mohammad
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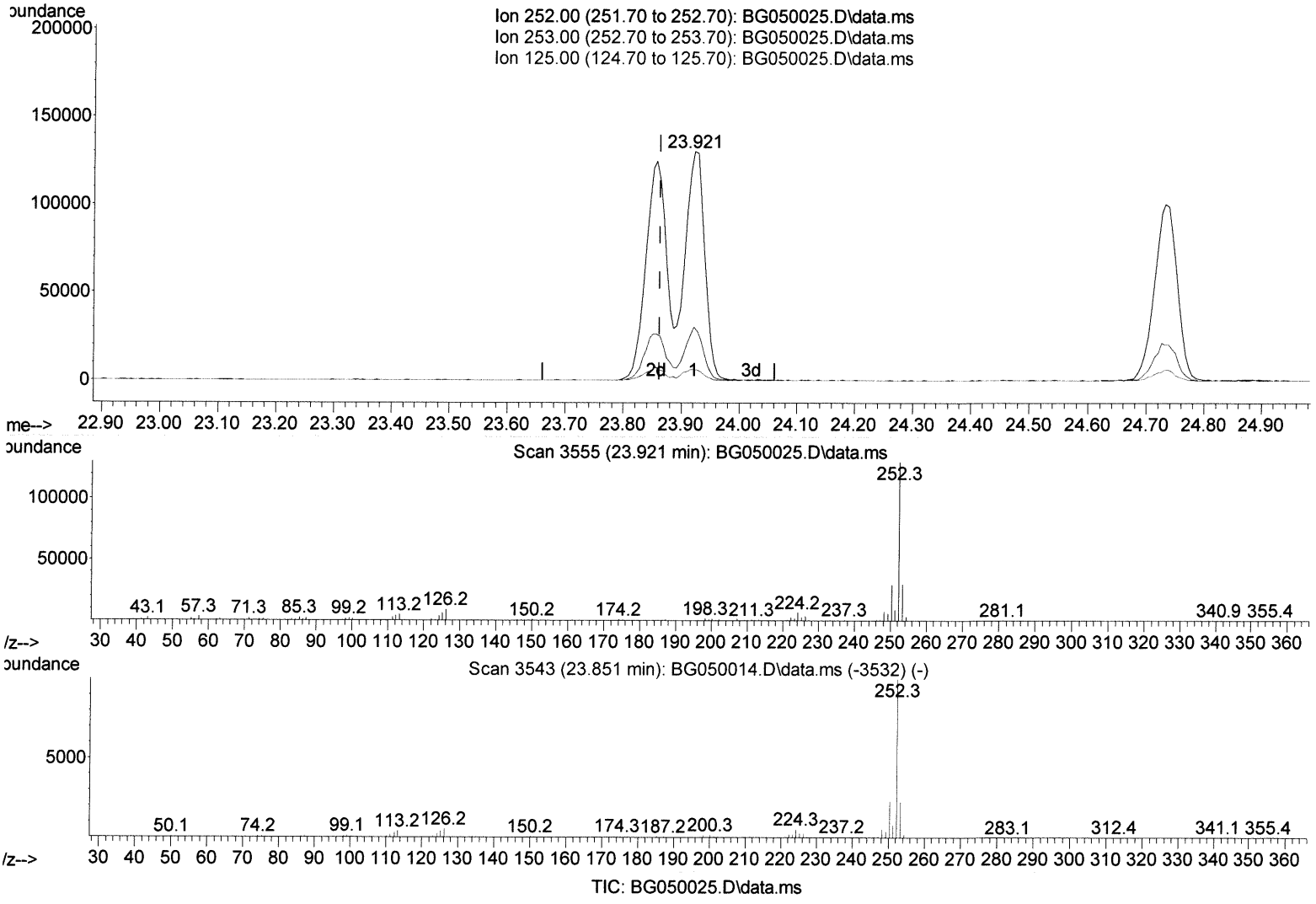

(90) Benzo(b)fluoranthene

23.921min (+ 0.059) 18.56 ng/ul

response 305607

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.60	23.16
125.00	4.20	4.68
0.00	0.00	0.00

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Instrument :
BNA_G
LabSampleId :
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mohammad
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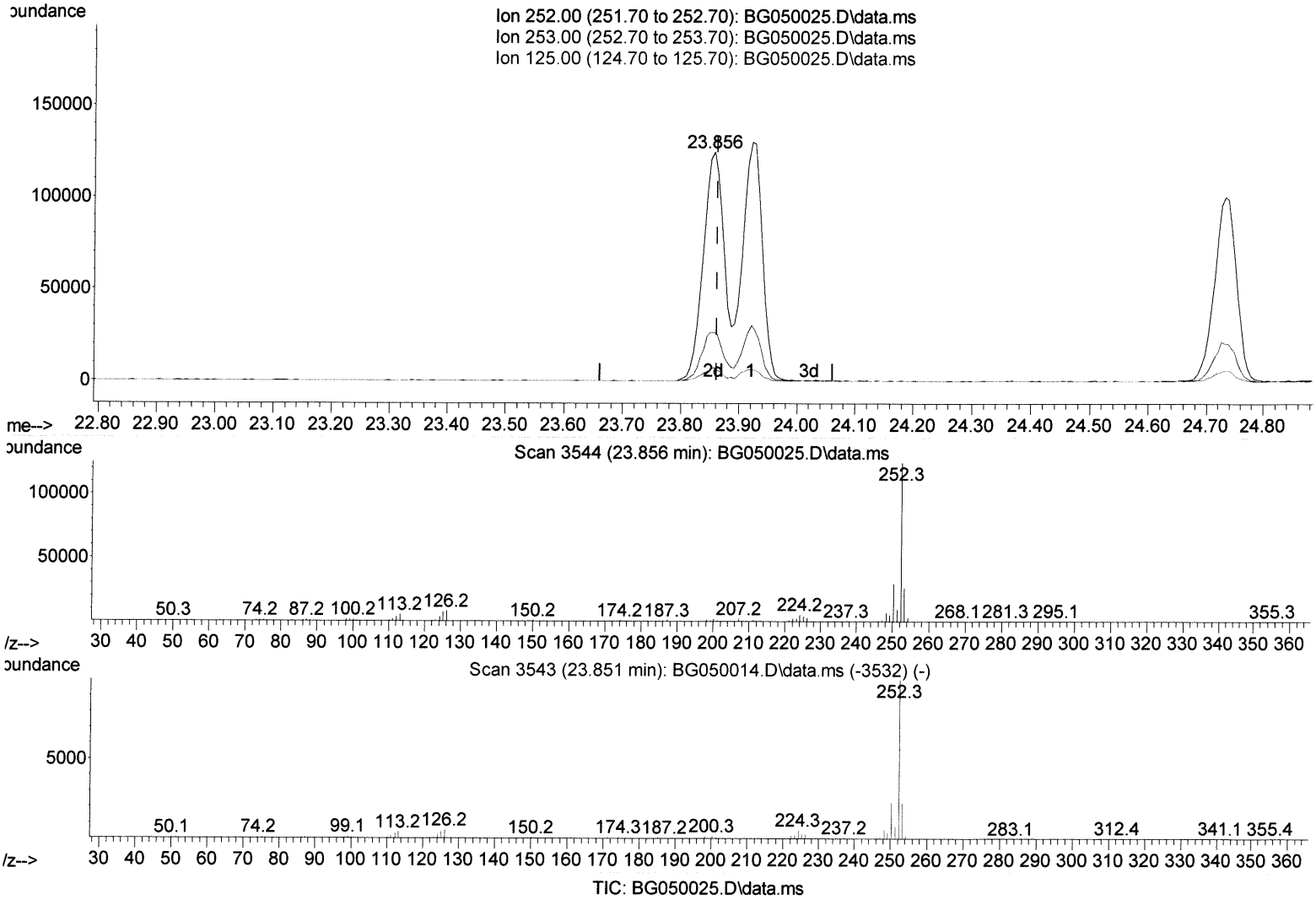

(90) Benzo(b)fluoranthene

23.856min (-0.005) 18.71 ng/ul m

response 308065

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.60	21.07
125.00	4.20	5.80#
0.00	0.00	0.00

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Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
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Misc :
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Instrument :
BNA_G
LabSampleId :
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Manual Integrations APPROVED
mohammad
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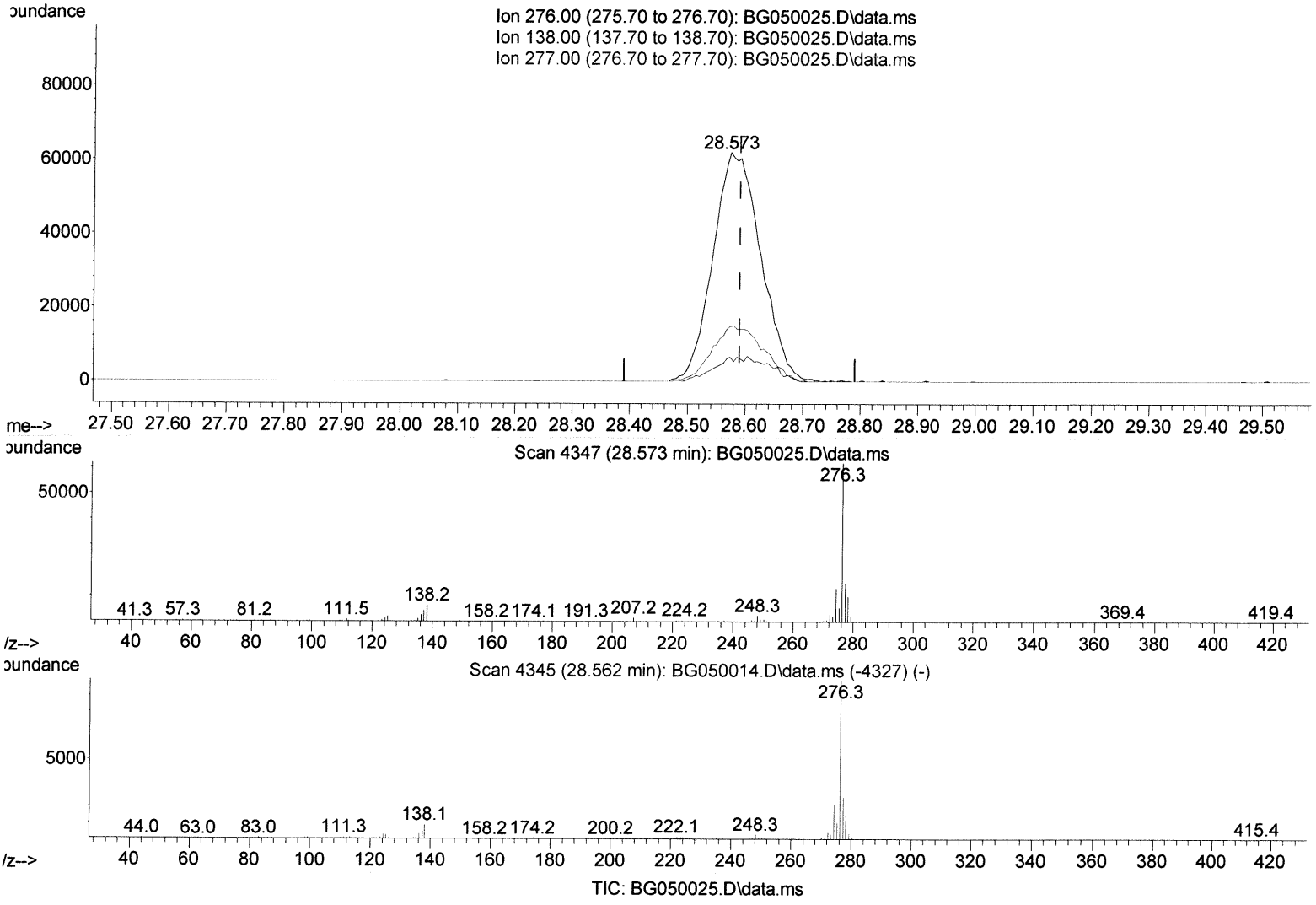

(94) Indeno(1,2,3-cd)pyrene

28.573min (-0.017) 10.08 ng/ul

response 190087

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.90	10.56#
277.00	23.20	23.90
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
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Misc :
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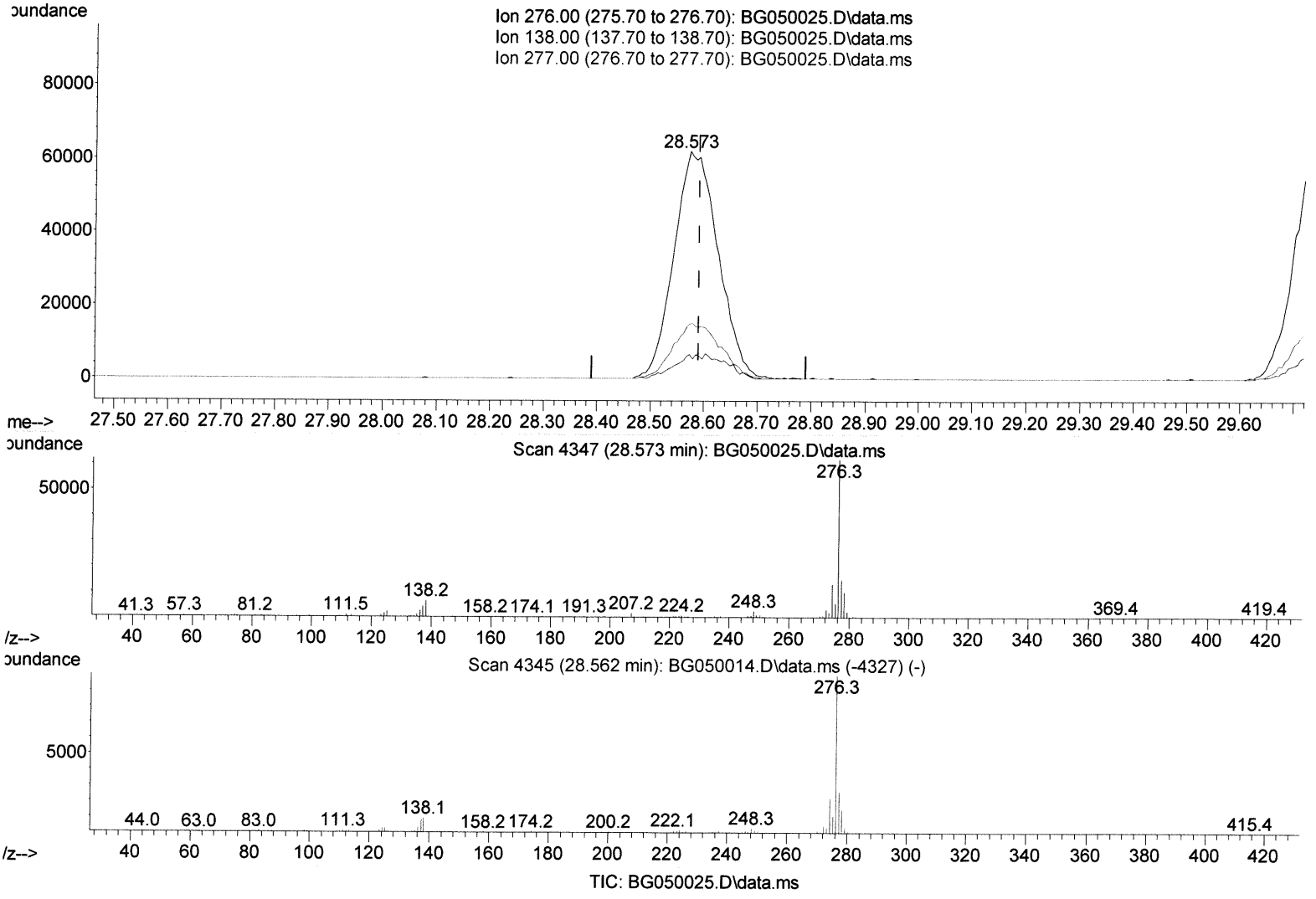

(94) Indeno(1,2,3-cd)pyrene

28.573min (-0.017) 18.78 ng/ul m JU 8/31/21

response 354359

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.90	10.56#
277.00	23.20	23.90
0.00	0.00	0.00

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Misc :
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Instrument : BNA_G
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Manual Integrations APPROVED
mohammad
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.960	152	42761	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.786	136	175943	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.628	164	122455	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.383	188	267547	20.000	ng/ul	-0.01
79) Chrysene-d12	21.659	240	253556	20.000	ng/ul	0.00
88) Perylene-d12	24.884	264	257468	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	6763	8.156	ng/uL	-0.02
4) Pyridine-d5	3.748	84	47518	19.024	ng/ul	-0.02
7) Phenol-d5	7.132	99	67812	18.675	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.285	67	37441	18.560	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.496	132	52797	19.433	ng/ul	-0.02
15) 4-Methylphenol-d8	8.689	113	53363	18.661	ng/ul	-0.01
21) Nitrobenzene-d5	9.135	128	25766	18.889	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.863	143	30513	18.786	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.410	165	56067	19.354	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.921	131	73139	18.549	ng/ul	-0.02
46) Dimethylphthalate-d6	14.028	166	171404	18.290	ng/ul	-0.01
49) Acenaphthylene-d8	14.322	160	205452	18.697	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.851	143	22990	16.956	ng/ul	0.00
60) Fluorene-d10	15.620	176	148477	18.686	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.761	200	29490	17.133	ng/ul	0.00
73) Anthracene-d10	17.483	188	229211	19.078	ng/ul	-0.01
81) Pyrene-d10	19.774	212	257661	18.805	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.661	264	257618	18.860	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.361	88	7207	7.129	ng/uL#	89
5) Pyridine	3.766	79	50318	18.639	ng/ul	96
6) Benzaldehyde	7.097	77	48074	23.007	ng/ul	97
8) Phenol	7.161	94	67764	18.476	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.379	93	46439	18.342	ng/ul	98
12) 2-Chlorophenol	7.525	128	52135	19.419	ng/ul#	86
13) 2-Methylphenol	8.418	108	51535	18.213	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.489	45	50485	19.015	ng/ul	95
16) Acetophenone	8.794	105	86471	18.541	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.771	70	42412	18.111	ng/ul	95
18) 4-Methylphenol	8.747	108	55374	18.191	ng/ul	95
19) Hexachloroethane	9.047	117	23714	20.183	ng/ul	94
22) Nitrobenzene	9.176	77	70263	19.010	ng/ul	97
23) Isophorone	9.705	82	120144	18.244	ng/ul	99
25) 2-Nitrophenol	9.899	139	30813	19.513	ng/ul	94
26) 2,4-Dimethylphenol	9.957	107	67774	19.312	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.187	93	64948	19.099	ng/ul	99
29) 2,4-Dichlorophenol	10.439	162	53247	20.026	ng/ul	94
30) Naphthalene	10.839	128	167752	19.075	ng/ul	98
32) 4-Chloroaniline	10.950	127	70719	18.623	ng/ul	92
33) Hexachlorobutadiene	11.115	225	42055	19.551	ng/ul	92
34) Caprolactam	11.714	113	17530m	18.821	ng/ul	97
35) 4-Chloro-3-methylphenol	12.084	107	62107	19.544	ng/ul	97

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.448	142	125880	19.256 ng/ul	100
37) 1-Methylnaphthalene	12.666	142	124925	18.932 ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.818	216	70821	19.691 ng/ul#	96
40) Hexachlorocyclopentadiene	12.789	237	18474	11.477 ng/ul	96
41) 2,4,6-Trichlorophenol	13.065	196	43785	19.103 ng/ul	94
42) 2,4,5-Trichlorophenol	13.147	196	44979	18.724 ng/ul	93
43) 1,1'-Biphenyl	13.453	154	164800	19.263 ng/ul	99
44) 2-Chloronaphthalene	13.500	162	129036	18.778 ng/ul	98
45) 2-Nitroaniline	13.711	65	43588	18.682 ng/ul	97
47) Dimethylphthalate	14.075	163	167742	18.086 ng/ul	99
48) 2,6-Dinitrotoluene	14.205	165	36098	18.852 ng/ul	95
50) Acenaphthylene	14.352	152	191330	19.051 ng/ul	96
51) 3-Nitroaniline	14.539	138	37083	20.069 ng/ul	99
52) Acenaphthene	14.692	153	134822	18.506 ng/ul	97
53) 2,4-Dinitrophenol	14.763	184	14981	15.318 ng/ul	89
55) 4-Nitrophenol	14.868	109	27959	16.264 ng/ul	97
56) Dibenzofuran	15.027	168	187827	18.617 ng/ul	99
57) 2,4-Dinitrotoluene	14.998	165	52537	19.074 ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.262	232	37756	18.967 ng/ul#	98
59) Diethylphthalate	15.438	149	174061	18.345 ng/ul	97
61) Fluorene	15.679	166	160157	18.816 ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.667	204	83802	18.608 ng/ul	95
63) 4-Nitroaniline	15.703	138	36741	19.926 ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.773	198	25327	16.234 ng/ul	94
67) N-Nitrosodiphenylamine	15.885	169	135917	19.296 ng/ul	98
68) 4-Bromophenyl-phenylether	16.560	248	59380	20.063 ng/ul	96
69) Hexachlorobenzene	16.690	284	64790	18.957 ng/ul	97
70) Atrazine	16.831	200	59219	18.924 ng/ul	98
71) Pentachlorophenol	17.042	266	22491	15.541 ng/ul	94
72) Phenanthrene	17.424	178	257040	19.271 ng/ul	99
74) Anthracene	17.518	178	260896	19.302 ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.429	216	73015	20.341 ng/uL	90
76) Pentachlorobenzene	14.951	250	75312	19.801 ng/uL	96
77) Carbazole	17.788	167	231799	19.273 ng/ul	98
78) Di-n-butylphthalate	18.334	149	290154	18.863 ng/ul	97
80) Fluoranthene	19.439	202	326131	19.288 ng/ul	98
82) Pyrene	19.803	202	320750	19.144 ng/ul	99
83) Butylbenzylphthalate	20.678	149	127114	19.225 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.548	252	113579	18.897 ng/ul#	99
85) Benzo(a)anthracene	21.636	228	300200	19.001 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.524	149	179680	19.788 ng/ul	99
87) Chrysene	21.700	228	288085	19.289 ng/ul	97
89) Di-n-octyl phthalate	22.728	149	299065	19.580 ng/ul	100
90) Benzo(b)fluoranthene	23.856	252	308065m	18.705 ng/ul	JU 8/31/21
91) Benzo(k)fluoranthene	23.921	252	305607	19.522 ng/ul	98
93) Benzo(a)pyrene	24.732	252	273559	19.126 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.573	276	354359m	18.782 ng/ul	JU 8/31/21
95) Dibenzo(a,h)anthracene	28.632	278	295703	18.722 ng/ul	97
96) Benzo(g,h,i)perylene	29.742	276	298913	18.845 ng/ul#	97

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