Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100421\
Data File : BG050451.D
Acq On : 5 Oct 2021 20:27
Operator : CG/JU
Sample : PB139634BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 06 01:50:46 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
ClientSampleId :
SLCS634

Manual Integrations APPROVED
mohammad
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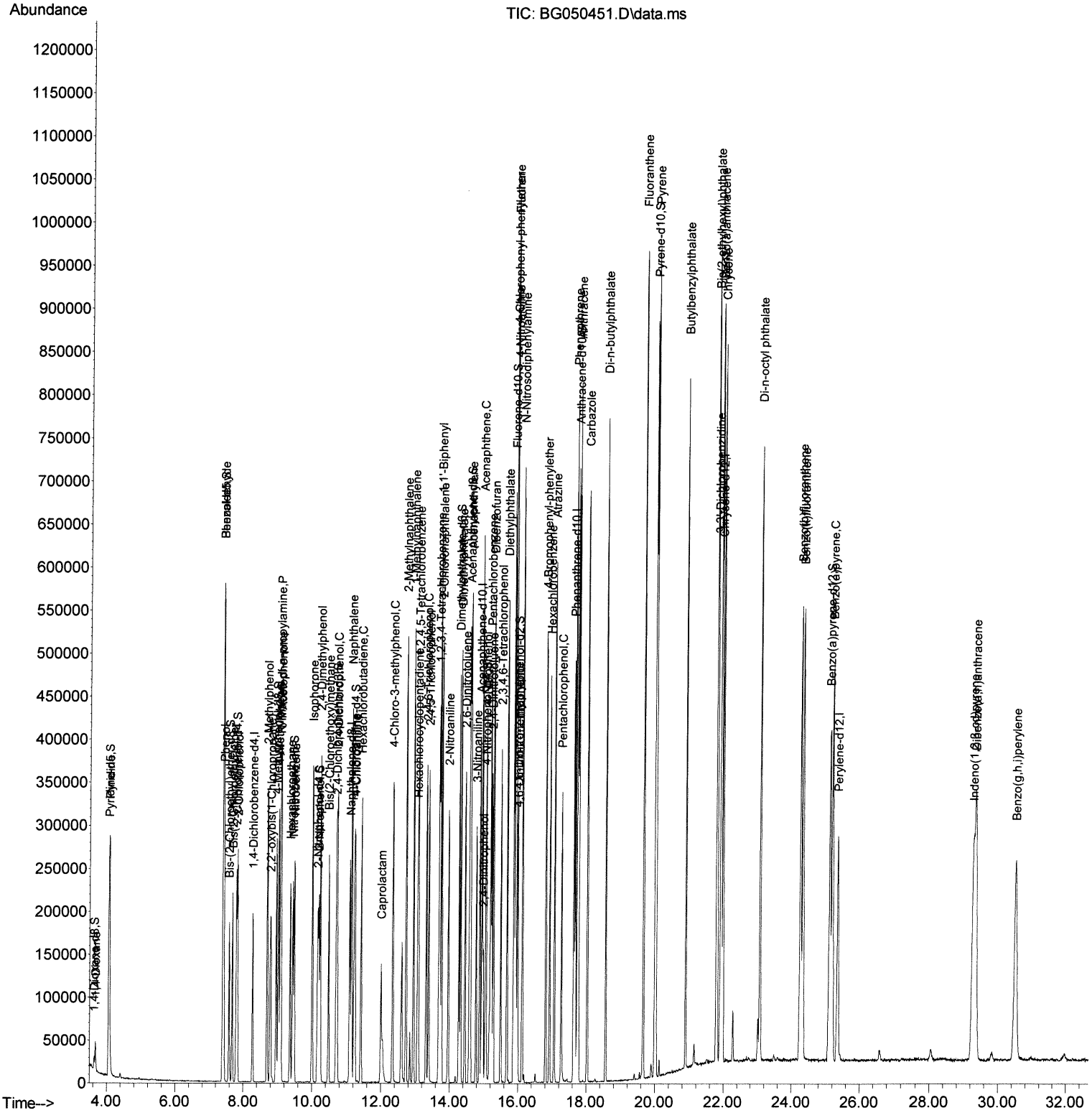

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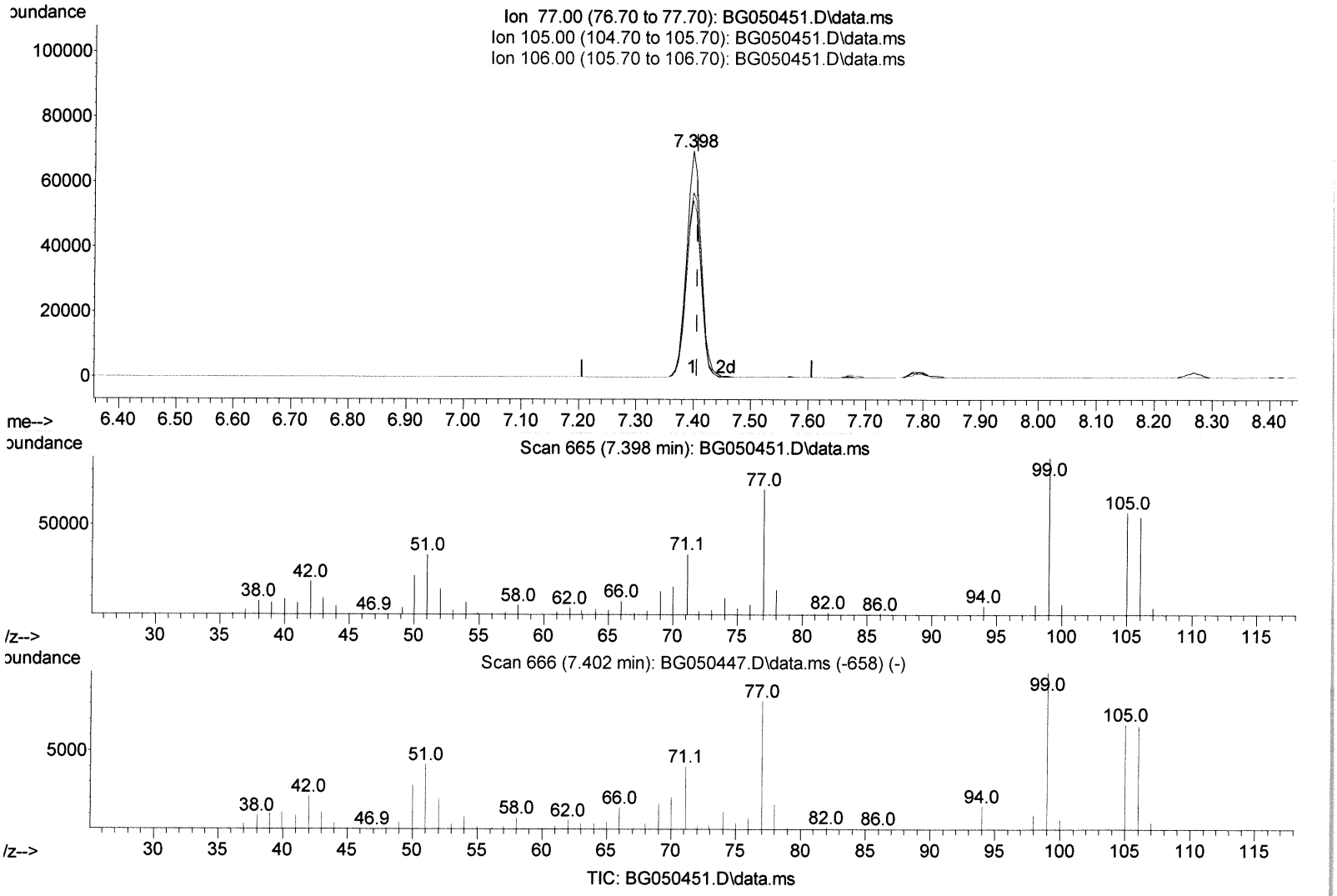

(6) Benzaldehyde

7.398min (-0.008) 41.07 ng/ul

response 123329

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	80.30	81.66
106.00	77.60	78.21
0.00	0.00	0.00

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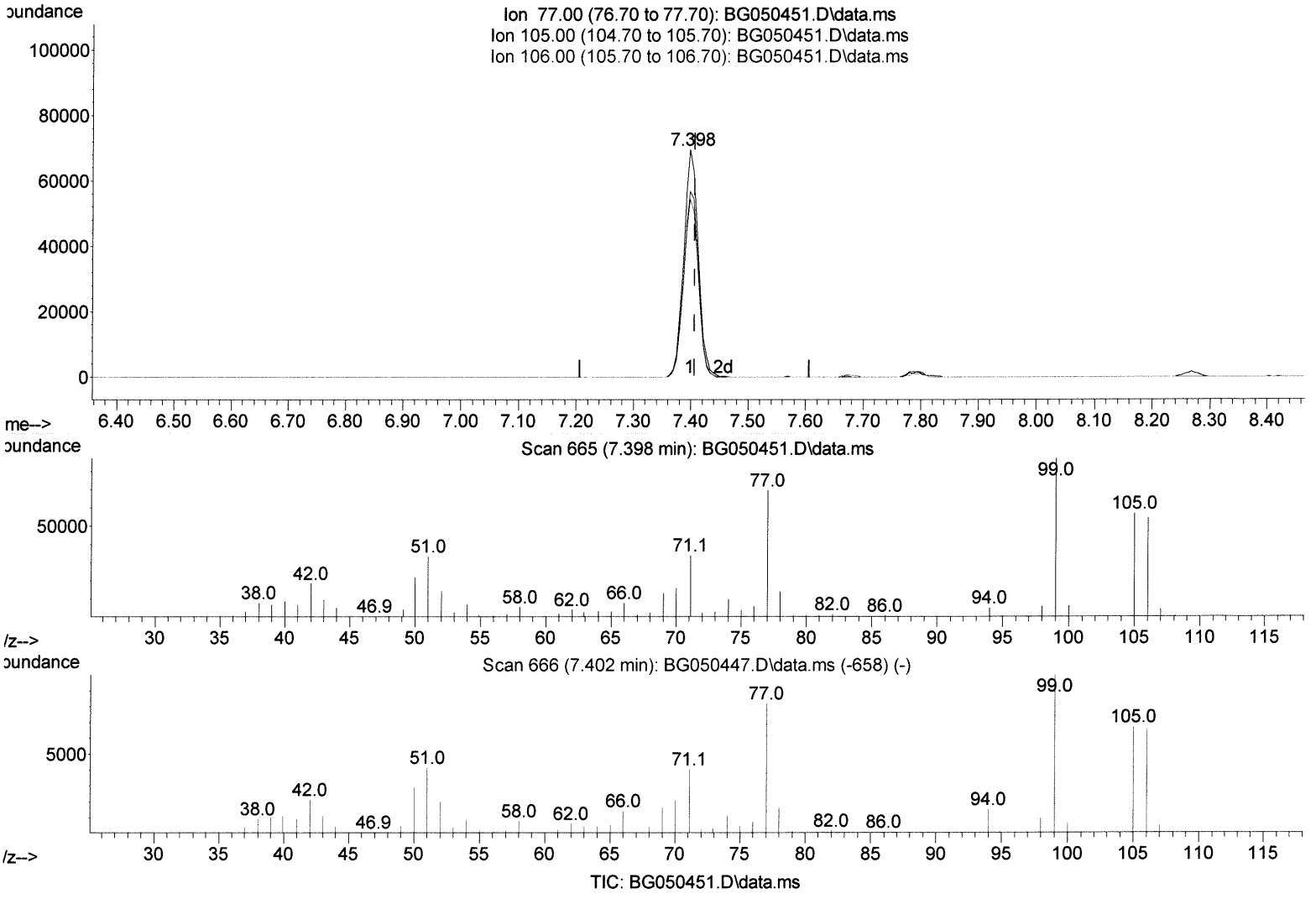

TIC: BG050451.D\data.ms

(6) Benzaldehyde

7.398min (-0.008) 41.12 ng/ul m JY 10/08/21

response 123467

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	80.30	81.66
106.00	77.60	78.21
0.00	0.00	0.00

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Misc :
ALS Vial : 6 Sample Multiplier: 1

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mohammad
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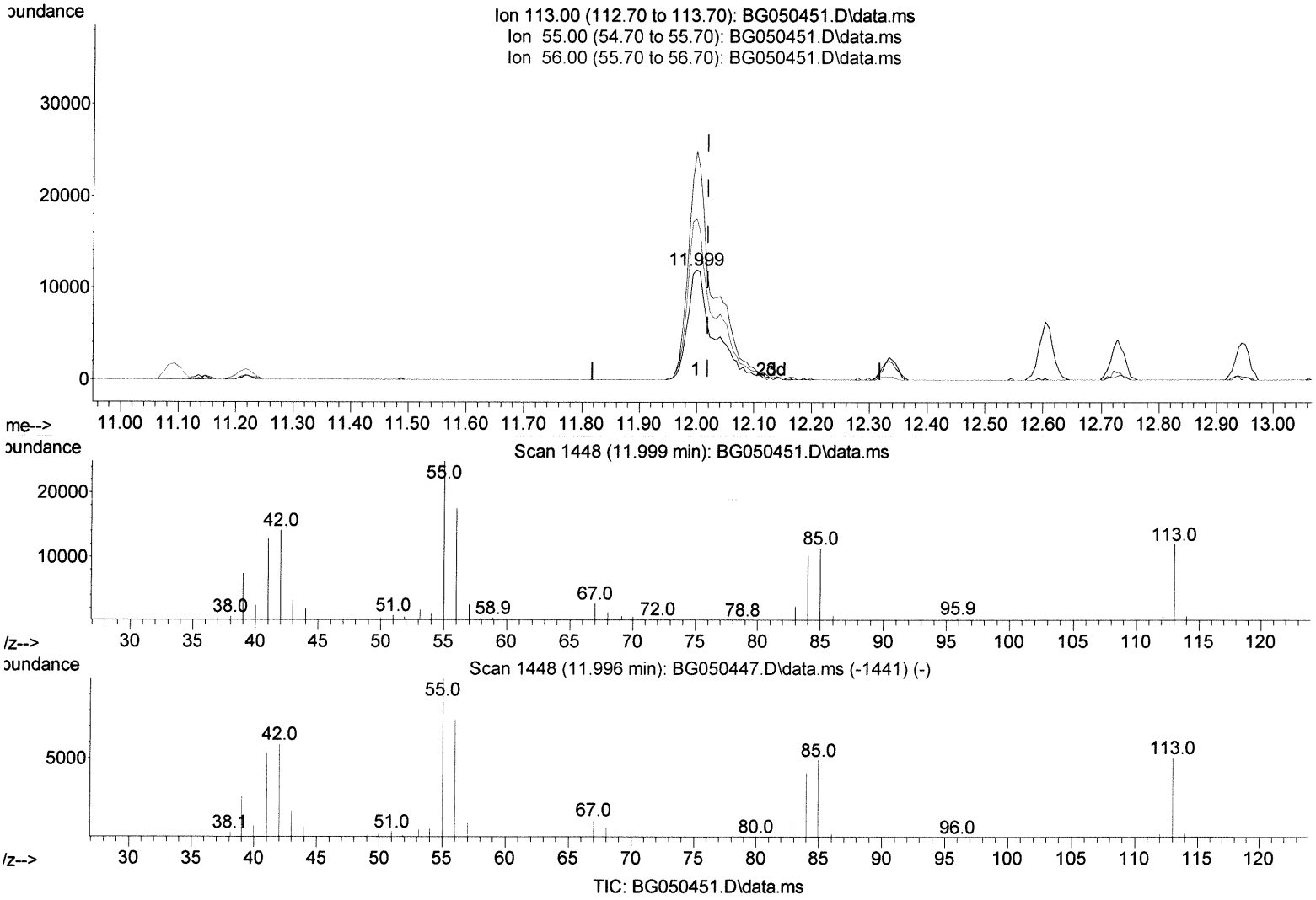

(34) Caprolactam

11.999min (-0.020) 23.40 ng/ul

response 28931

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	208.16
56.00	132.30	146.34
0.00	0.00	0.00

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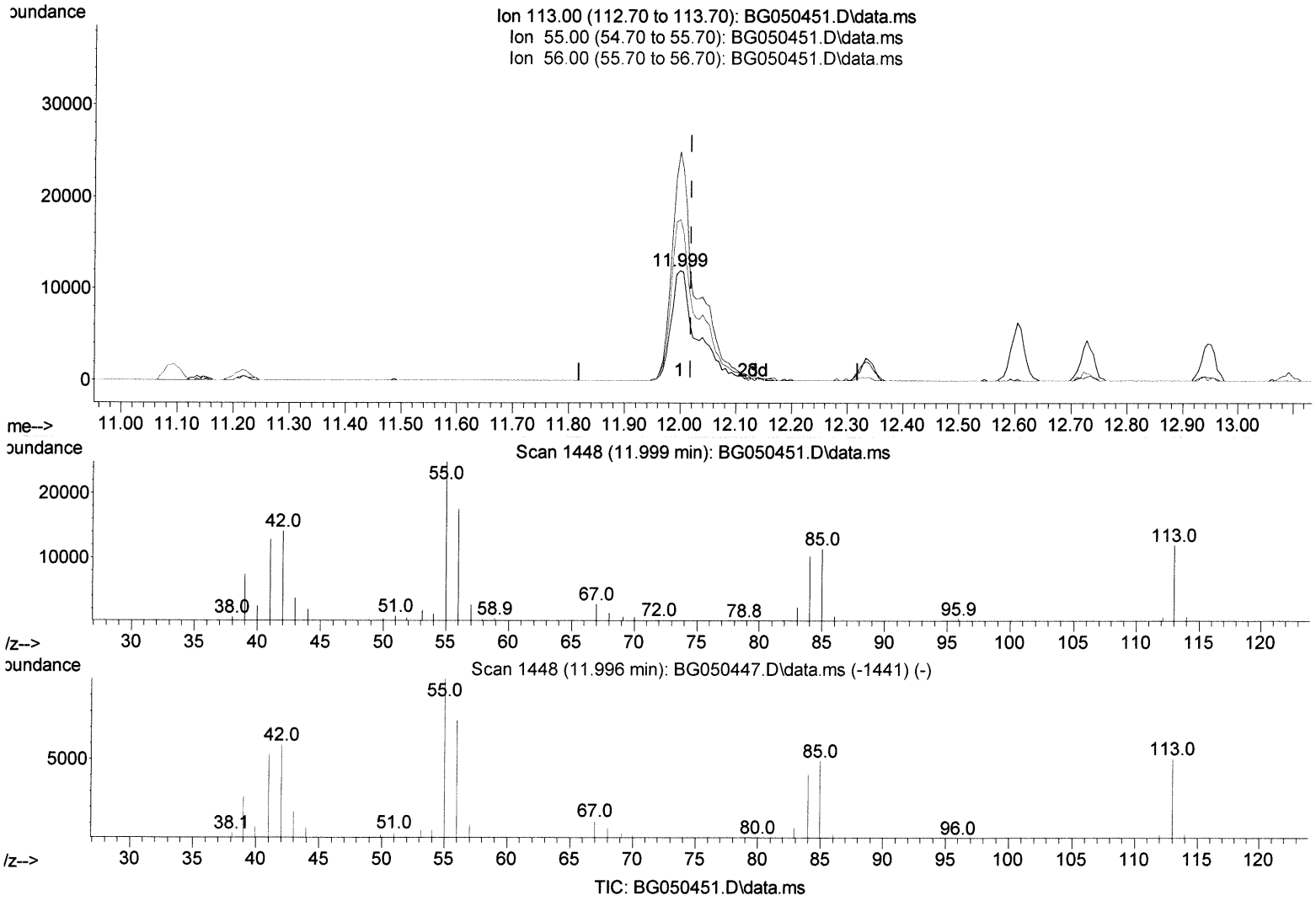

(34) Caprolactam

11.999min (-0.020) 30.82 ng/ul m

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response 38097

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	208.16
56.00	132.30	146.34
0.00	0.00	0.00

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Misc :
ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
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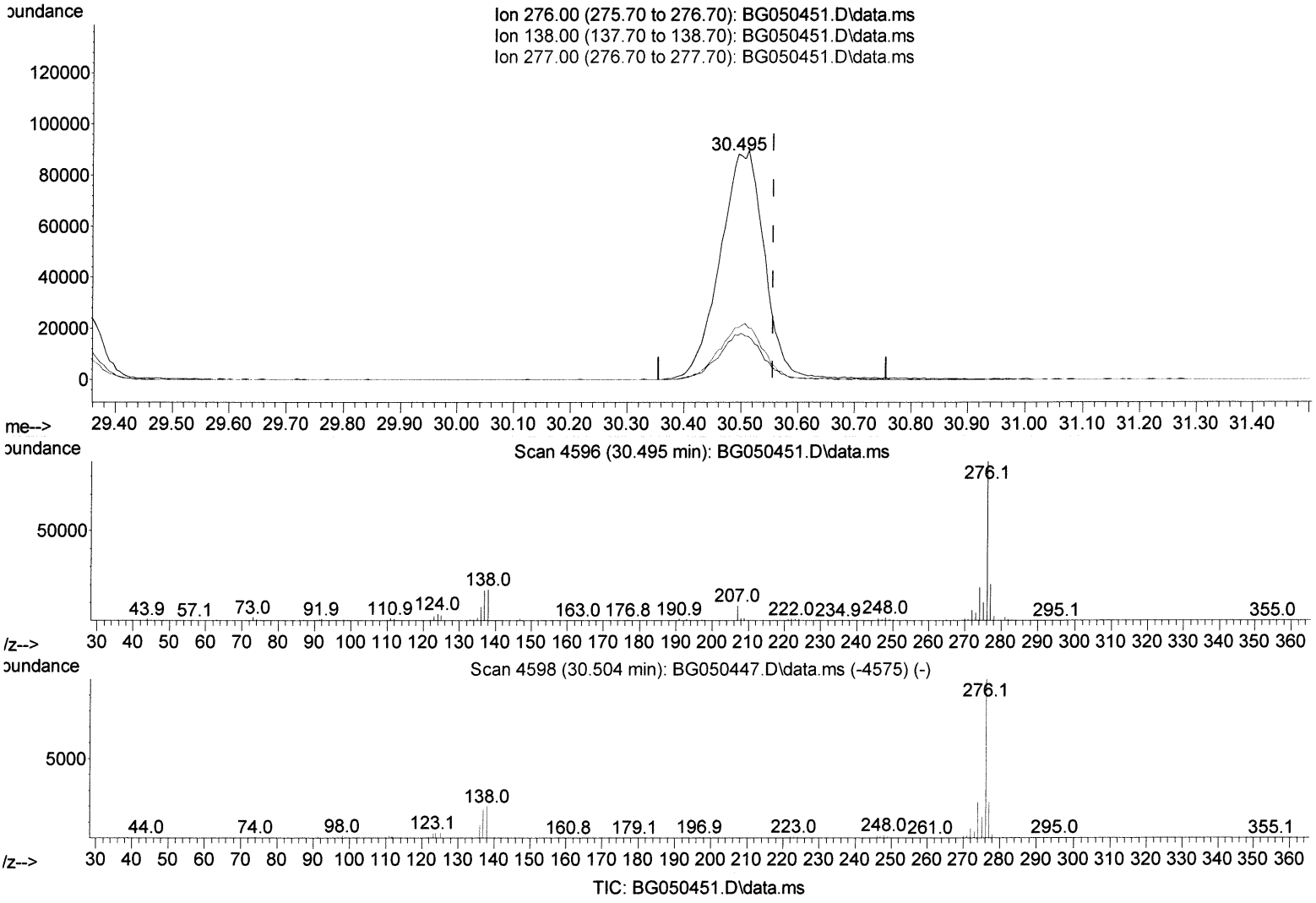

(96) Benzo(g,h,i)perylene

30.495min (-0.061) 19.16 ng/ul

response 285350

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.60	19.58
277.00	22.40	22.83
0.00	0.00	0.00

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Misc :
ALS Vial : 6 Sample Multiplier: 1

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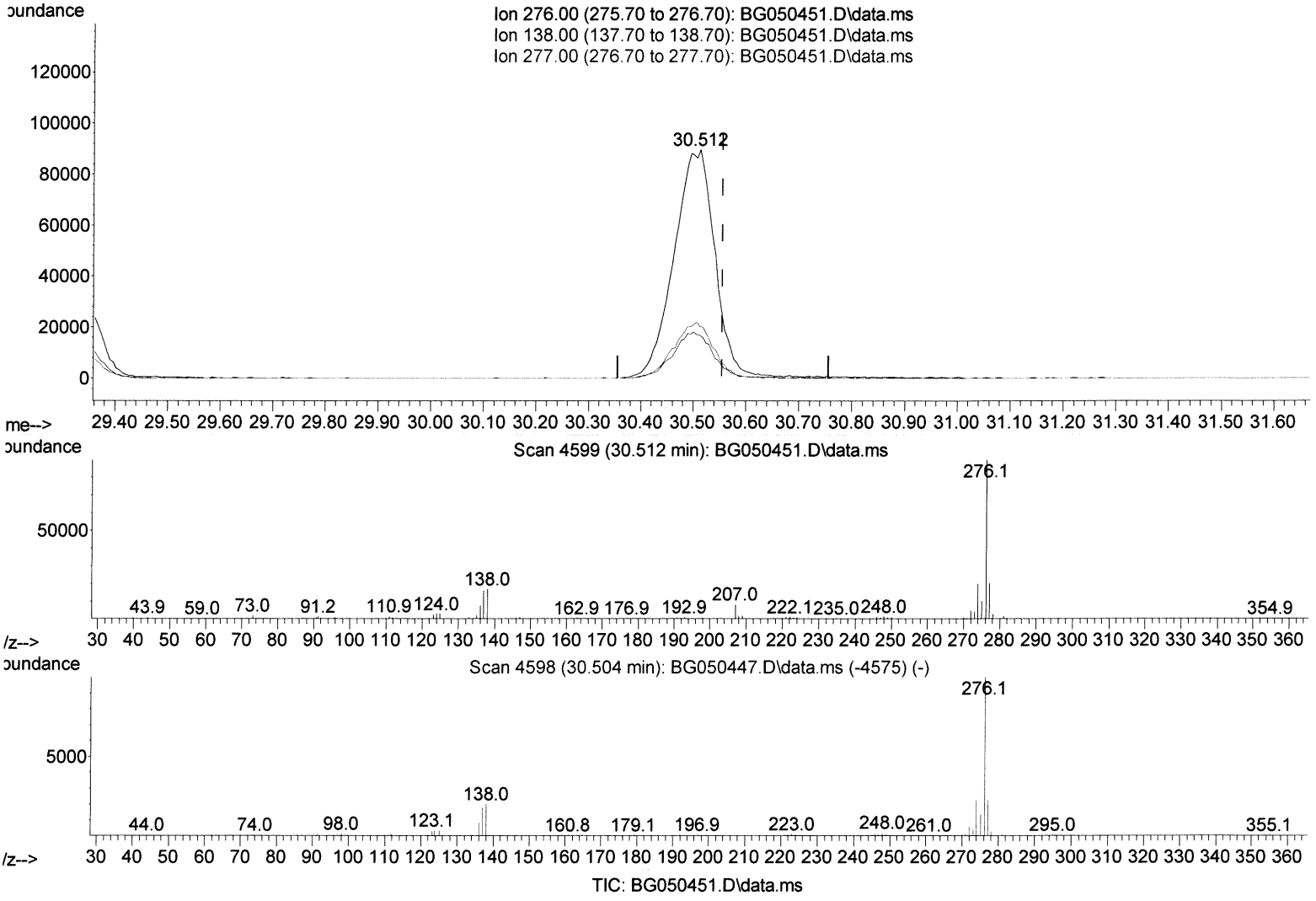

(96) Benzo(g,h,i)perylene

30.512min (-0.044) 32.54 ng/ul m

response 484707

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.60	18.68
277.00	22.40	22.49
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	8.268	152	52109	20.000	ng/ul	0.00
20) Naphthalene-d8	11.094	136	218010	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.883	164	139310	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.627	188	298345	20.000	ng/ul	0.00
79) Chrysene-d12	21.928	240	271367	20.000	ng/ul	-0.02
88) Perylene-d12	25.348	264	270772	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.638	96	9180	6.472	ng/uL	0.00
4) Pyridine-d5	4.061	84	126793	30.000	ng/ul	0.00
7) Phenol-d5	7.398	99	149887	32.922	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.580	67	97012	33.858	ng/ul	0.00
11) 2-Chlorophenol-d4	7.792	132	101575	31.842	ng/ul	0.00
15) 4-Methylphenol-d8	8.955	113	111899	32.472	ng/ul	0.00
21) Nitrobenzene-d5	9.437	128	53924	35.357	ng/ul	0.00
24) 2-Nitrophenol-d4	10.160	143	58003	35.437	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.694	165	102131	31.598	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.217	131	123339	26.712	ng/ul	0.00
46) Dimethylphthalate-d6	14.278	166	301449	31.618	ng/ul	-0.01
49) Acenaphthylene-d8	14.578	160	381554	31.867	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.048	143	57127	31.110	ng/ul	0.00
60) Fluorene-d10	15.871	176	269384	31.361	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.976	200	46633	31.338	ng/ul	0.00
73) Anthracene-d10	17.727	188	409785	32.513	ng/ul	0.00
81) Pyrene-d10	19.995	212	480711	33.314	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.113	264	425192	31.229	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.673	88	19658	11.456	ng/uL#	85
5) Pyridine	4.079	79	136633	31.915	ng/ul	97
6) Benzaldehyde	7.398	77	123467m>	41.120	ng/ul	> JJ10/08/21
8) Phenol	7.428	94	157512	33.754	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.674	93	120036	34.294	ng/ul	99
12) 2-Chlorophenol	7.827	128	109792	33.640	ng/ul	94
13) 2-Methylphenol	8.691	108	115180	33.493	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.785	45	188017	35.802	ng/ul	98
16) Acetophenone	9.090	105	176127	32.168	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.073	70	108196	32.882	ng/ul	97
18) 4-Methylphenol	9.020	108	121117	33.255	ng/ul	99
19) Hexachloroethane	9.361	117	45689	32.573	ng/ul	95
22) Nitrobenzene	9.478	77	159214	34.833	ng/ul	99
23) Isophorone	10.001	82	287243	32.700	ng/ul	99
25) 2-Nitrophenol	10.195	139	60478	35.950	ng/ul	94
26) 2,4-Dimethylphenol	10.236	107	136680	32.730	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.477	93	153272	32.319	ng/ul	96
29) 2,4-Dichlorophenol	10.724	162	104489	32.653	ng/ul	93
30) Naphthalene	11.141	128	355852	31.793	ng/ul	98
32) 4-Chloroaniline	11.241	127	112573	24.216	ng/ul	99
33) Hexachlorobutadiene	11.417	225	71167	30.603	ng/ul	99
34) Caprolactam	11.999	113	38097m>	30.815	ng/ul	> JJ10/08/21
35) 4-Chloro-3-methylphenol	12.339	107	123910	32.844	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.727	142	233635	30.702	ng/ul	97
37) 1-Methylnaphthalene	12.945	142	238291	31.105	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.086	216	132392	32.931	ng/ul	95
40) Hexachlorocyclopentadiene	13.062	237	65709	24.646	ng/ul	92
41) 2,4,6-Trichlorophenol	13.321	196	88754	35.026	ng/ul	99
42) 2,4,5-Trichlorophenol	13.391	196	94066	33.936	ng/ul	97
43) 1,1'-Biphenyl	13.720	154	311873	33.266	ng/ul	100
44) 2-Chloronaphthalene	13.767	162	242719	33.047	ng/ul	99
45) 2-Nitroaniline	13.961	65	96700	40.215	ng/ul	90
47) Dimethylphthalate	14.325	163	306518	31.953	ng/ul	98
48) 2,6-Dinitrotoluene	14.449	165	63727	35.317	ng/ul	96
50) Acenaphthylene	14.607	152	394927	32.518	ng/ul	99
51) 3-Nitroaniline	14.778	138	65160	33.197	ng/ul	92
52) Acenaphthene	14.948	153	260745	32.484	ng/ul	99
53) 2,4-Dinitrophenol	14.983	184	31128	27.676	ng/ul	89
55) 4-Nitrophenol	15.066	109	59129	32.564	ng/ul	95
56) Dibenzofuran	15.277	168	368728	31.585	ng/ul	94
57) 2,4-Dinitrotoluene	15.230	165	90766	34.641	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.495	232	75927	31.854	ng/ul	96
59) Diethylphthalate	15.677	149	323724	32.342	ng/ul	97
61) Fluorene	15.929	166	286427	30.839	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.912	204	153398	30.497	ng/ul	95
63) 4-Nitroaniline	15.935	138	71220	35.931	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.994	198	46652	31.716	ng/ul	95
67) N-Nitrosodiphenylamine	16.123	169	257242	34.102	ng/ul	98
68) 4-Bromophenyl-phenylether	16.805	248	90957	32.746	ng/ul	90
69) Hexachlorobenzene	16.928	284	94732	32.388	ng/ul	97
70) Atrazine	17.063	200	105740	32.922	ng/ul	96
71) Pentachlorophenol	17.263	266	57820	30.185	ng/ul	98
72) Phenanthrene	17.668	178	482665	32.410	ng/ul	99
74) Anthracene	17.762	178	485082	32.889	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.691	216	133189	33.862	ng/uL	98
76) Pentachlorobenzene	15.195	250	118265	32.912	ng/uL	98
77) Carbazole	18.027	167	448042	33.939	ng/ul	99
78) Di-n-butylphthalate	18.562	149	551337	35.243	ng/ul	99
80) Fluoranthene	19.666	202	602198	33.233	ng/ul	98
82) Pyrene	20.025	202	586267	32.809	ng/ul#	96
83) Butylbenzylphthalate	20.900	149	249411	37.867	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.811	252	182015	32.542	ng/ul	100
85) Benzo(a)anthracene	21.905	228	550415	33.645	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.787	149	358409	37.869	ng/ul	98
87) Chrysene	21.975	228	521184	33.243	ng/ul	100
89) Di-n-octyl phthalate	23.068	149	602599	38.730	ng/ul	100
90) Benzo(b)fluoranthene	24.255	252	556495	33.742	ng/ul	99
91) Benzo(k)fluoranthene	24.325	252	502447	32.739	ng/ul	98
93) Benzo(a)pyrene	25.189	252	524688	33.343	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.267	276	578543	32.746	ng/ul#	93
95) Dibenzo(a,h)anthracene	29.343	278	492106	32.730	ng/ul	99
96) Benzo(g,h,i)perylene	30.512	276	484707m	32.545	ng/ul	

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