Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049797.D
Acq On : 11 Aug 2021 21:02
Operator : CG/JU
Sample : PB138270BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 12 01:32:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS270

Manual Integrations APPROVED
mohammad
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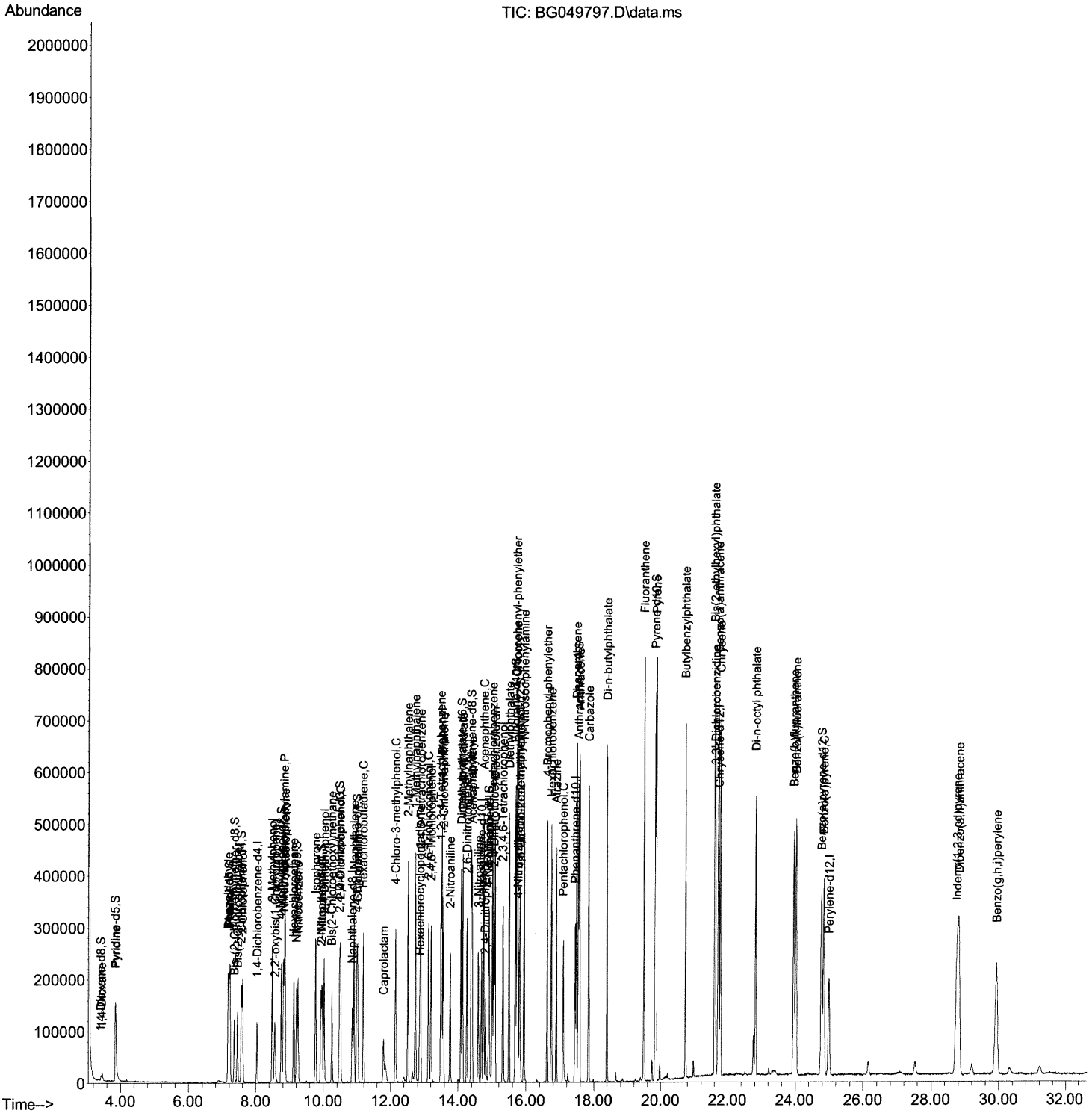

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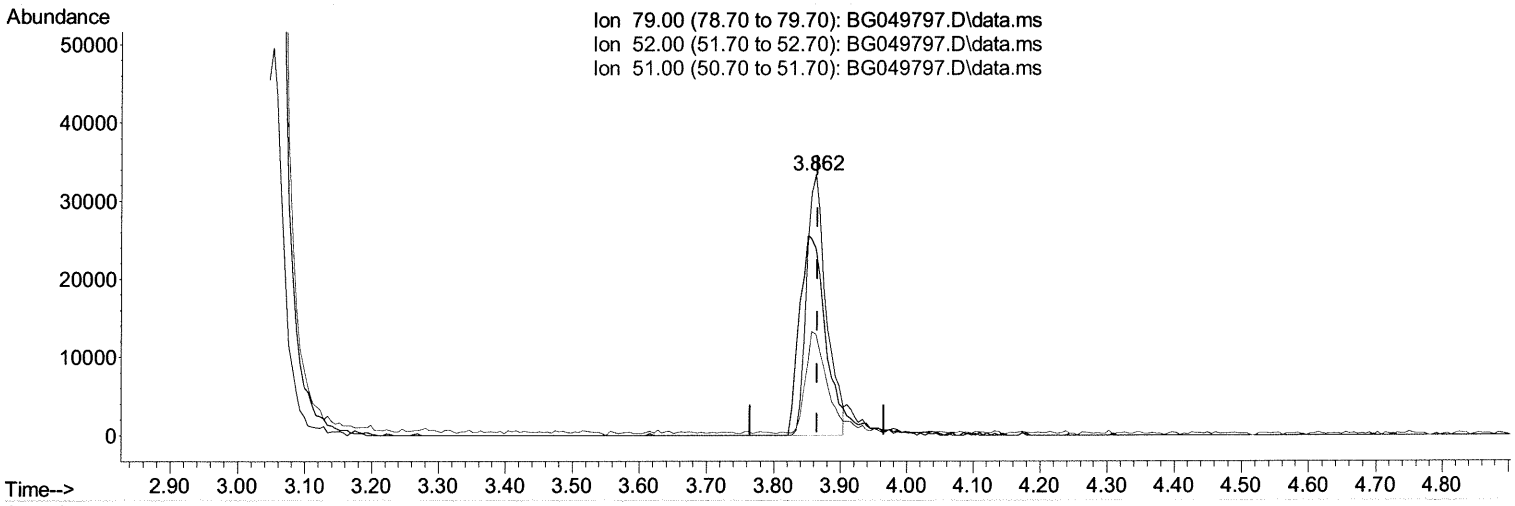

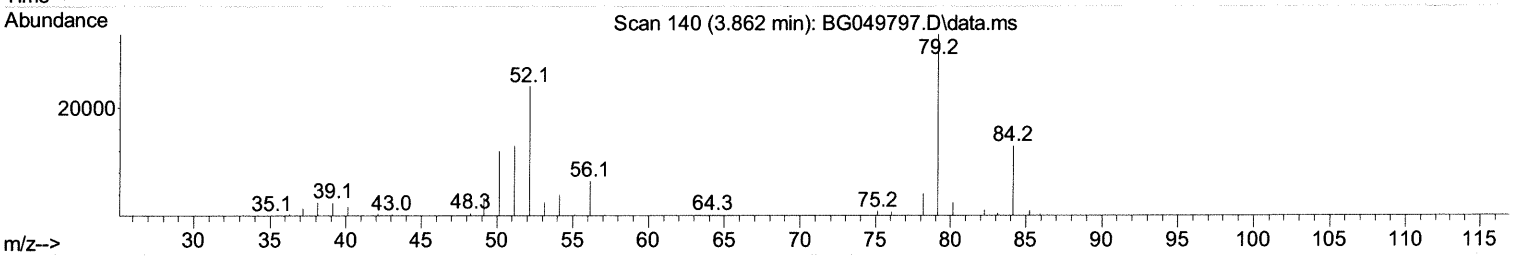

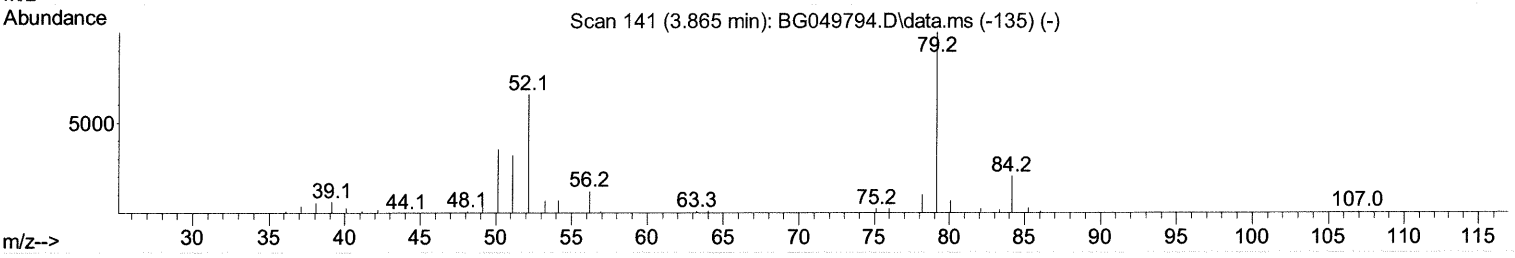

TIC: BG049797.D\data.ms

(5) Pyridine

3.862min (-0.003) 31.23 ng/ul

response 68608

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	70.30	71.52
51.00	39.00	38.85
0.00	0.00	0.00

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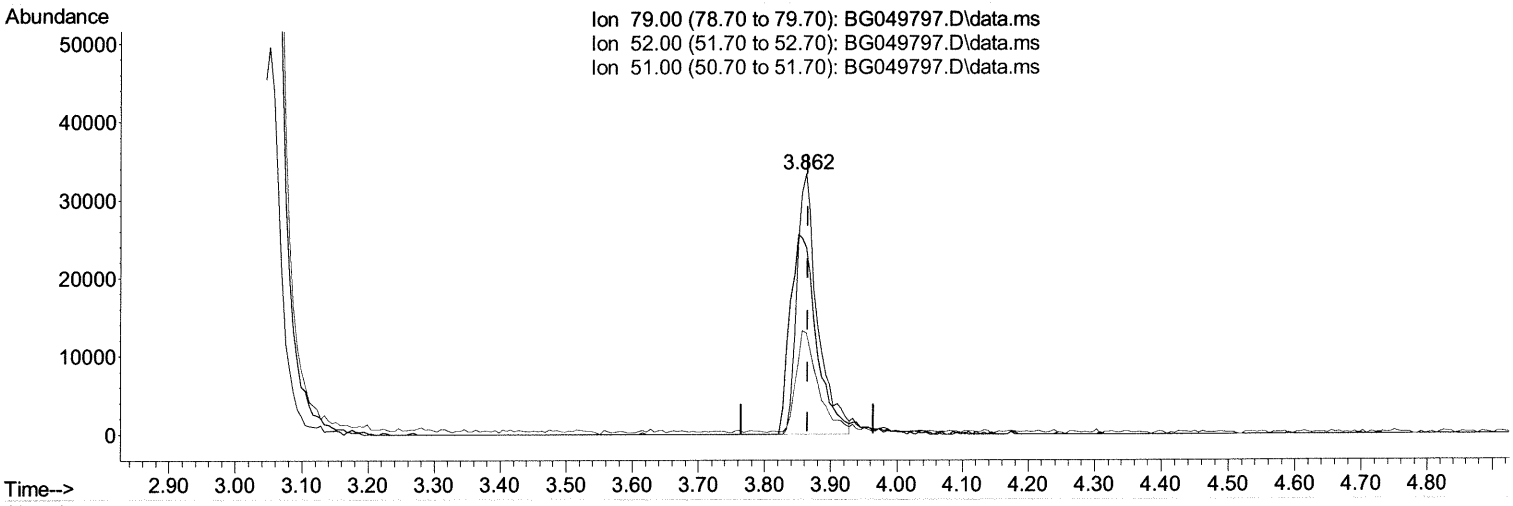

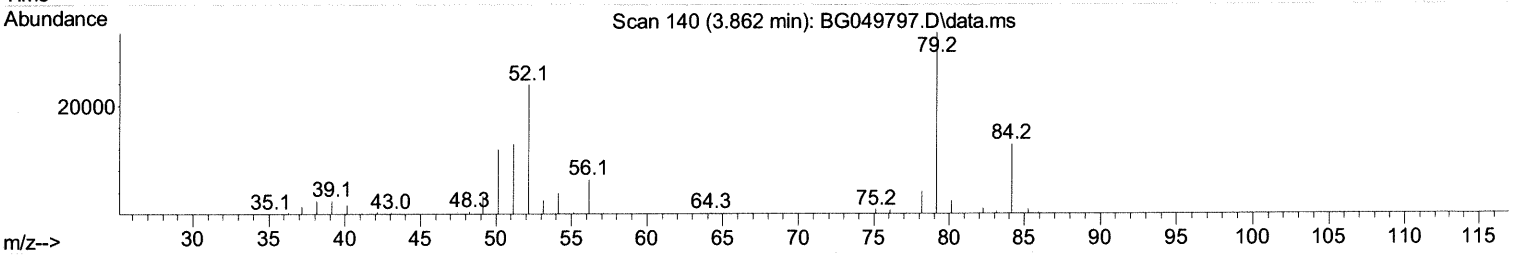

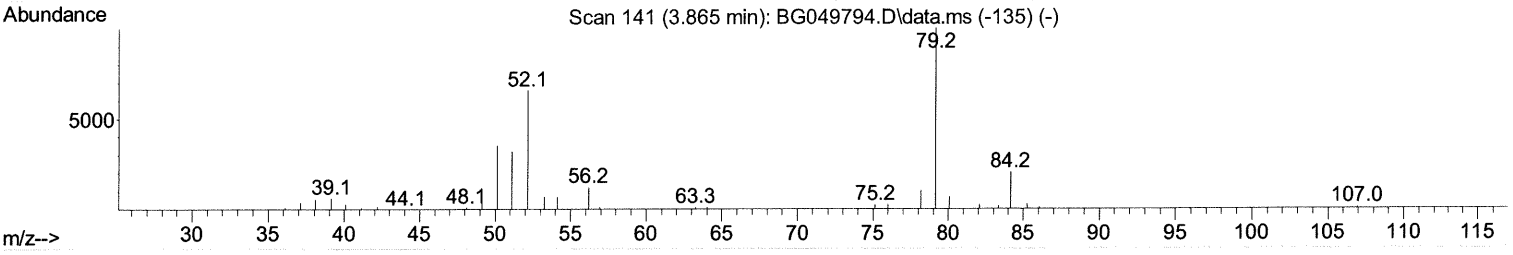

TIC: BG049797.D\data.ms

(5) Pyridine

3.862min (-0.003) 33.02 ng/ul m

JG 8/13/21

response 72534

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	70.30	71.52
51.00	39.00	38.85
0.00	0.00	0.00

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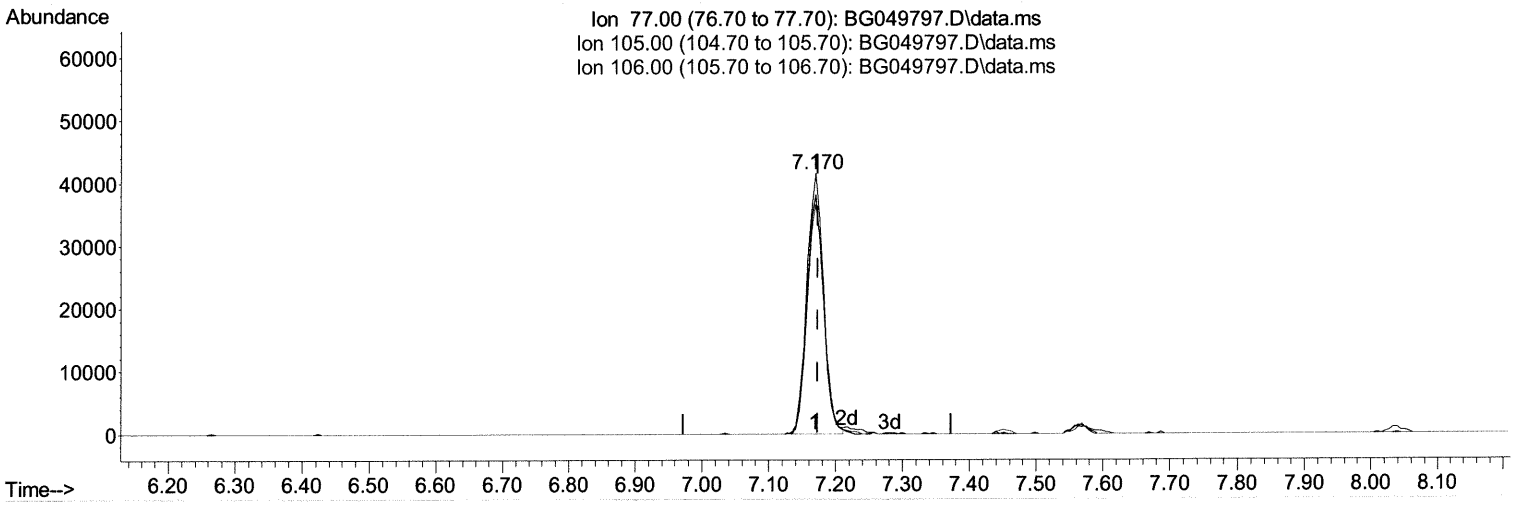

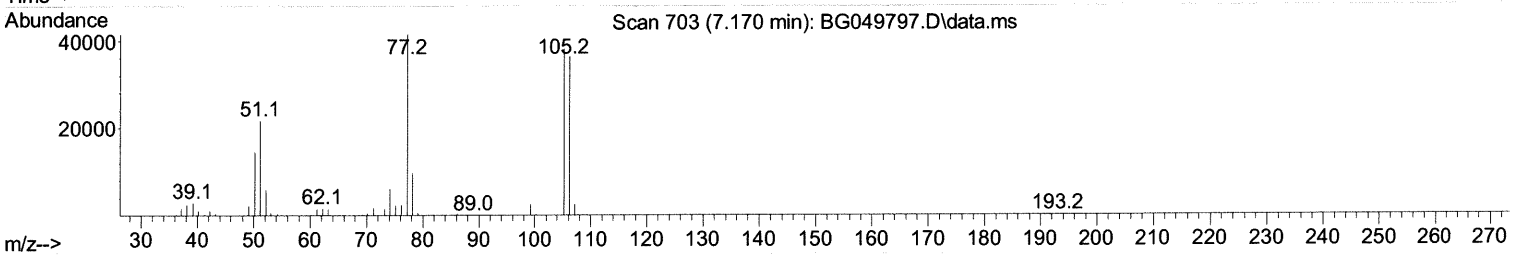

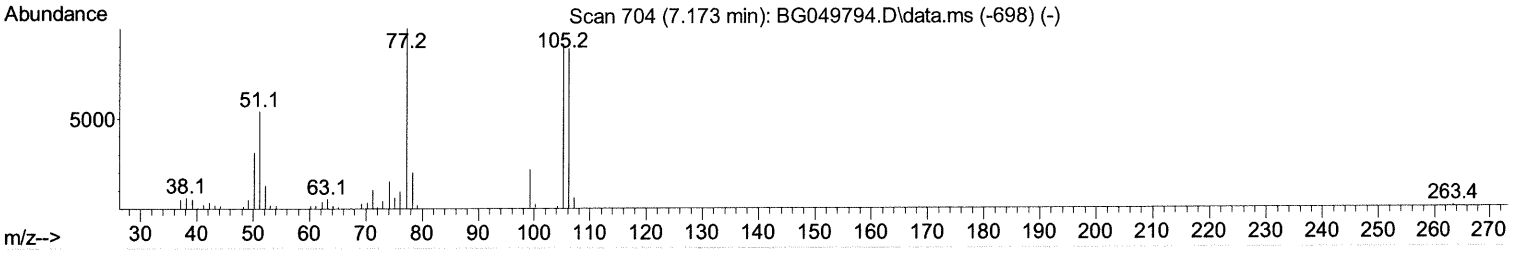

TIC: BG049797.D\data.ms

(6) Benzaldehyde

7.170min (-0.003) 48.47 ng/ul

response 72378

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	104.10	91.82
106.00	101.20	87.95
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
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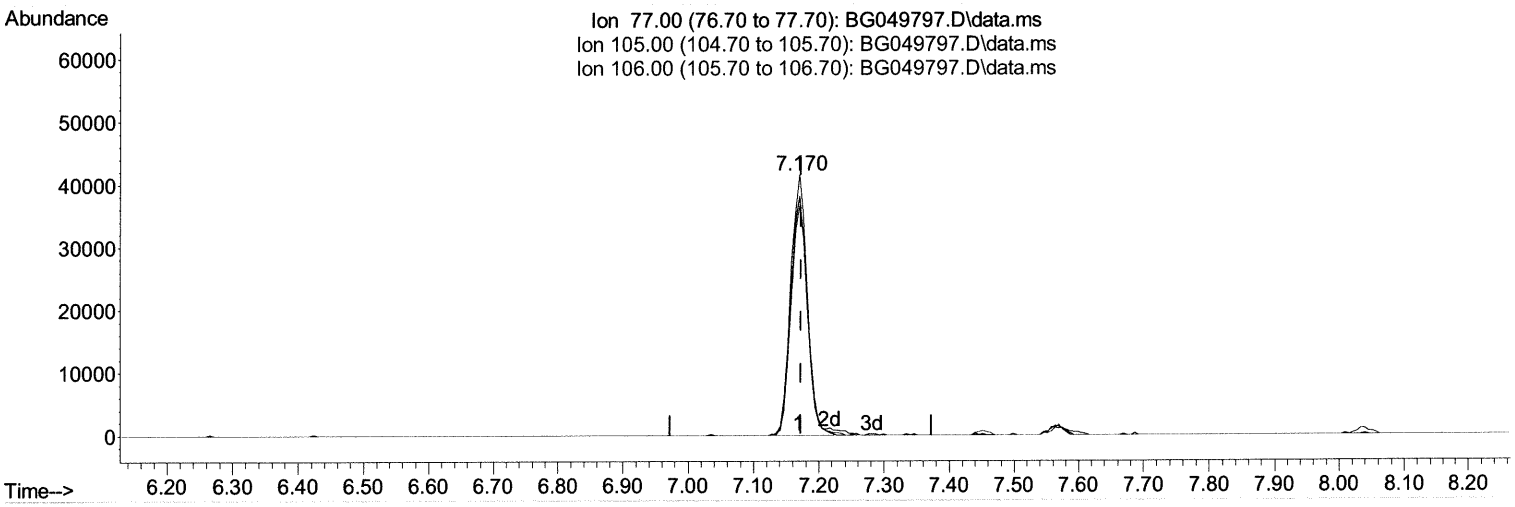

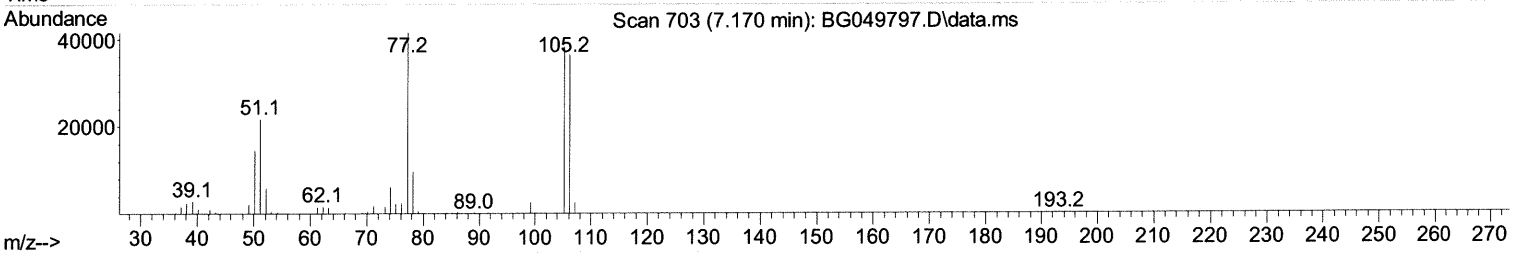

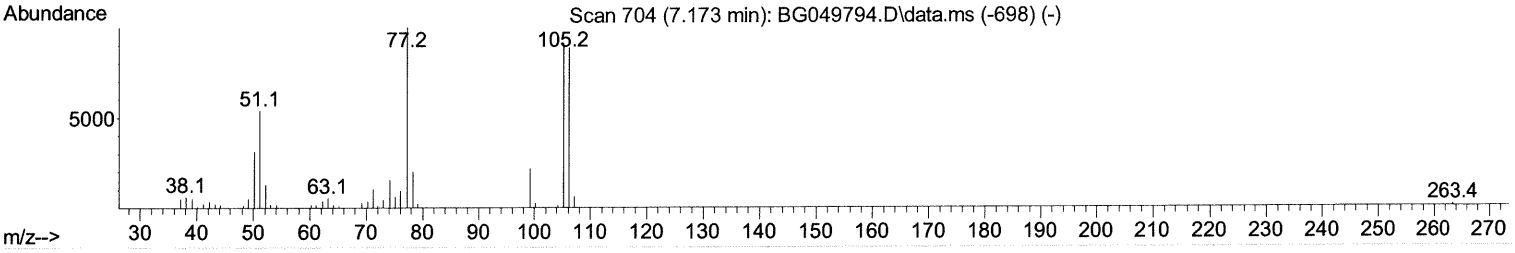

TIC: BG049797.D\data.ms

(6) Benzaldehyde

7.170min (-0.003) 49.56 ng/ul m JU 8/12/21

response 74005

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	104.10	91.82
106.00	101.20	87.95
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
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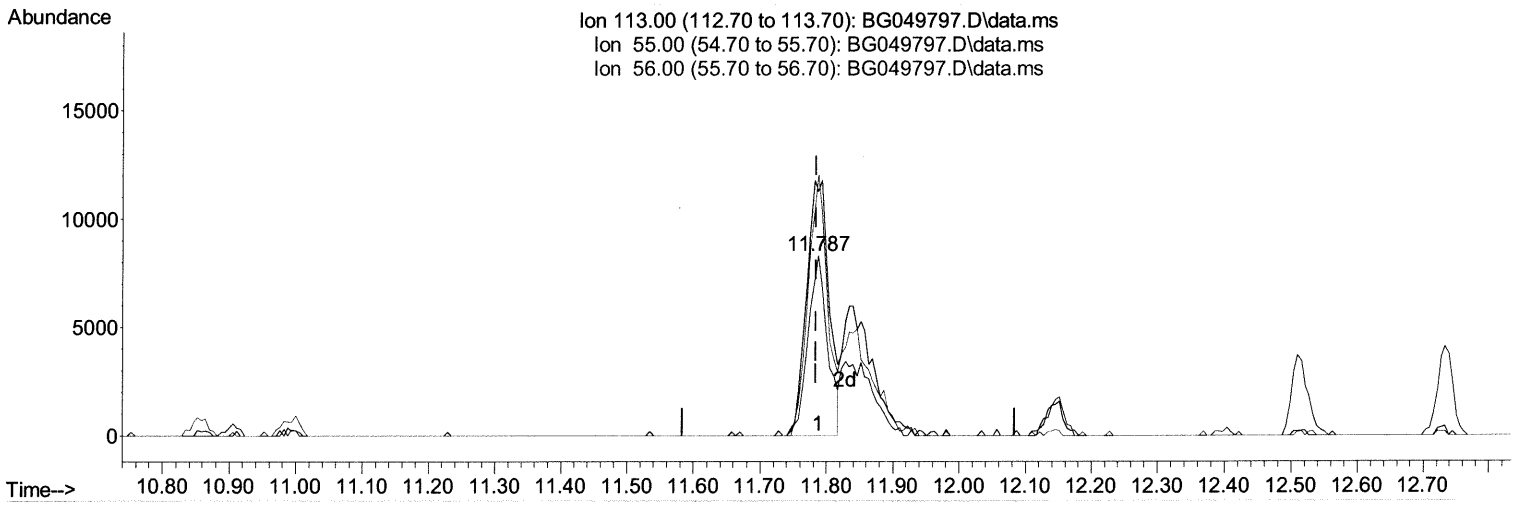

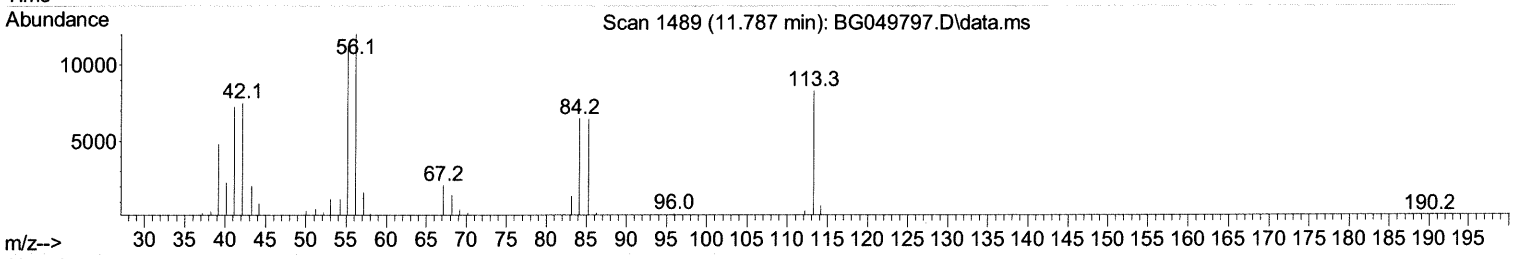

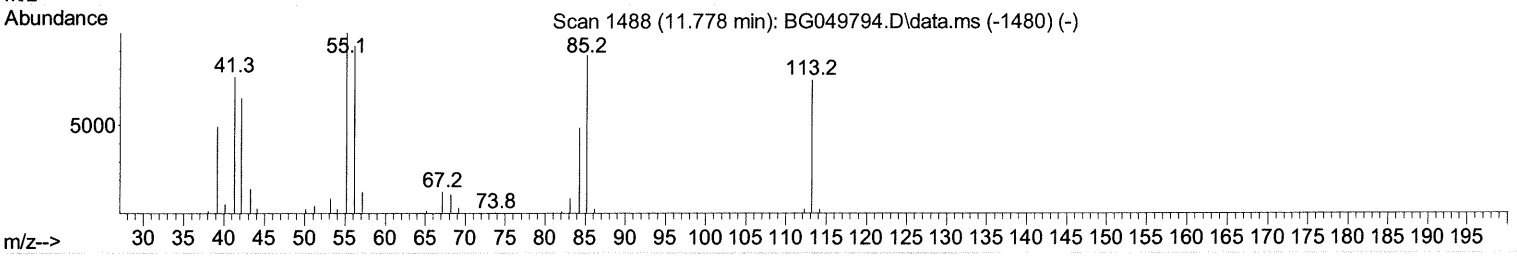

TIC: BG049797.D\data.ms

(34) Caprolactam

11.787min (+ 0.003) 26.54 ng/ul

response 17125

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.90	135.78
56.00	125.20	144.98
0.00	0.00	0.00

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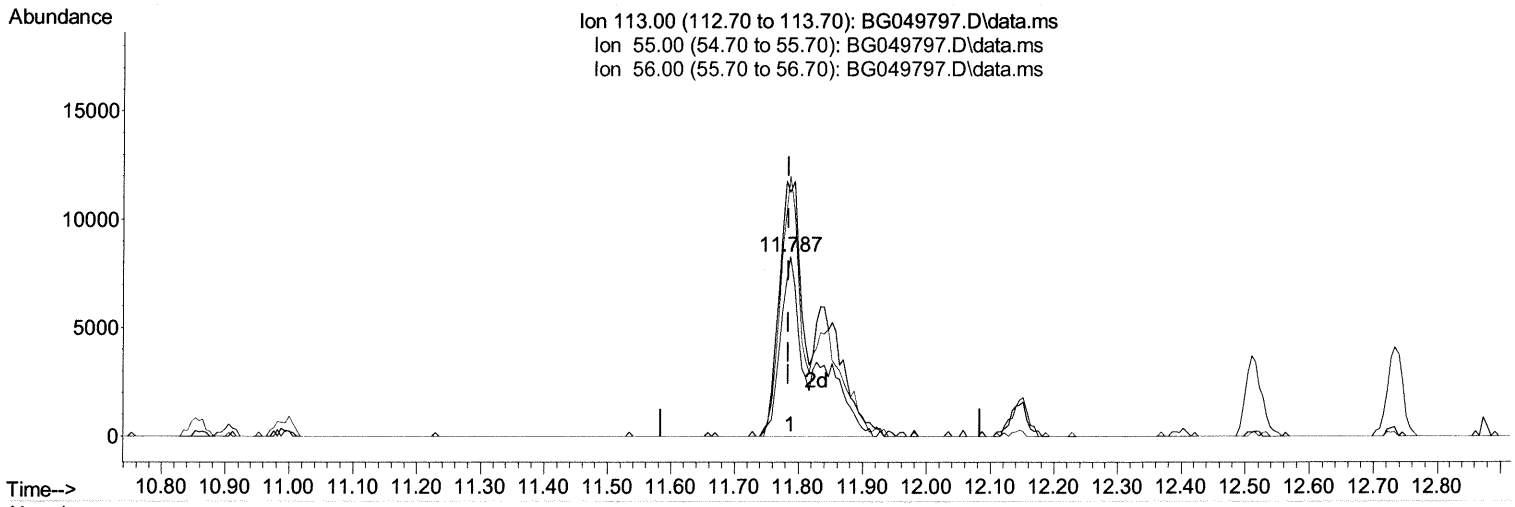

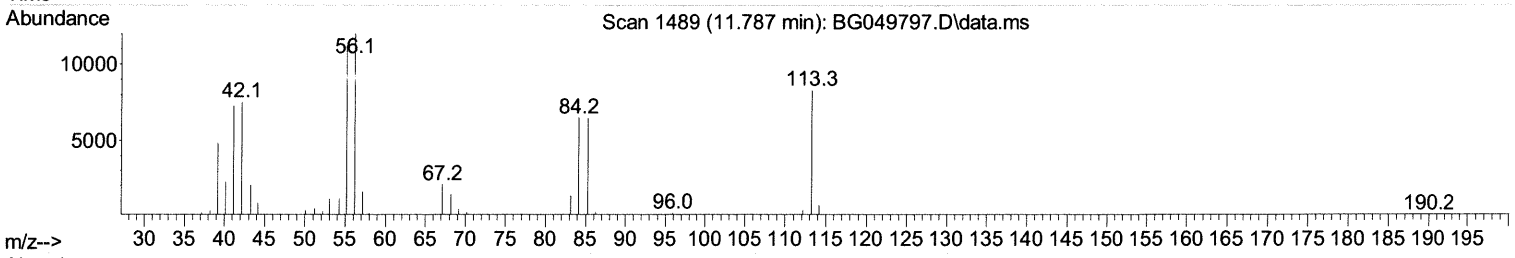

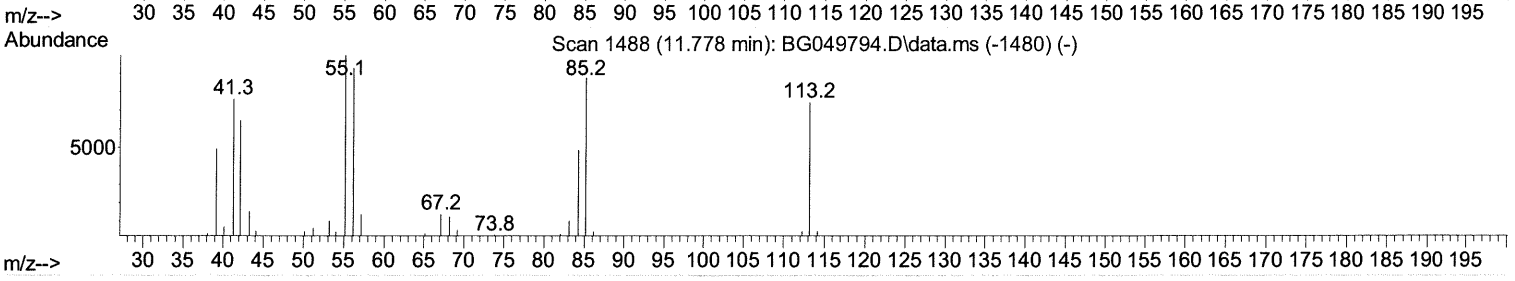

TIC: BG049797.D\data.ms

(34) Caprolactam

11.787min (+ 0.003) 43.97 ng/ul m

JE 8/13/21

response 28376

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.90	135.78
56.00	125.20	144.98
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	8.033	152	30872	20.000	ng/ul	0.00
20) Naphthalene-d8	10.853	136	125803	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.689	164	88174	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.438	188	190847	20.000	ng/ul	0.00
79) Chrysene-d12	21.721	240	179028	20.000	ng/ul	0.00
88) Perylene-d12	24.998	264	184941	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.416	96	4829	7.313	ng/uL	0.00
4) Pyridine-d5	3.839	84	73161	36.922	ng/ul	0.00
7) Phenol-d5	7.199	99	106168	37.893	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.358	67	57528	35.745	ng/ul	0.00
11) 2-Chlorophenol-d4	7.563	132	79924	39.856	ng/ul	0.00
15) 4-Methylphenol-d8	8.750	113	83025	38.864	ng/ul	0.00
21) Nitrobenzene-d5	9.208	128	39725	40.087	ng/ul	0.00
24) 2-Nitrophenol-d4	9.931	143	49475	43.717	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.477	165	83599	39.176	ng/ul	0.00
31) 4-Chloroaniline-d4	10.994	131	106134	36.331	ng/ul	0.00
46) Dimethylphthalate-d6	14.090	166	274434	39.661	ng/ul	0.00
49) Acenaphthylene-d8	14.383	160	322775	39.208	ng/ul	0.00
54) 4-Nitrophenol-d4	14.900	143	44349	39.641	ng/ul	0.00
60) Fluorene-d10	15.682	176	234567	39.437	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.811	200	52719	41.043	ng/ul	0.00
73) Anthracene-d10	17.544	188	352076	39.082	ng/ul	0.00
81) Pyrene-d10	19.829	212	417948	42.371	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.775	264	401752	39.646	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.451	88	11022	13.774	ng/uL	90
5) Pyridine	3.862	79	72534m	33.017	ng/ul	
6) Benzaldehyde	7.170	77	74005m	49.561	ng/ul	JU 8/13/21
8) Phenol	7.228	94	108652	39.142	ng/ul#	93
10) Bis(2-Chloroethyl)ether	7.452	93	74983	38.936	ng/ul	93
12) 2-Chlorophenol	7.598	128	79787	39.786	ng/ul	98
13) 2-Methylphenol	8.486	108	84384	38.824	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.562	45	78910	35.853	ng/ul	94
16) Acetophenone	8.861	105	133445	37.637	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.844	70	69271	36.342	ng/ul	92
18) 4-Methylphenol	8.814	108	86953	38.293	ng/ul	92
19) Hexachloroethane	9.126	117	34852	39.188	ng/ul	86
22) Nitrobenzene	9.249	77	116631	39.688	ng/ul	96
23) Isophorone	9.772	82	198014	39.846	ng/ul	95
25) 2-Nitrophenol	9.966	139	48394	41.747	ng/ul#	93
26) 2,4-Dimethylphenol	10.025	107	93074	34.792	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.254	93	99716	39.605	ng/ul	98
29) 2,4-Dichlorophenol	10.506	162	82729	40.987	ng/ul	92
30) Naphthalene	10.906	128	263280	40.075	ng/ul	97
32) 4-Chloroaniline	11.017	127	103089	36.877	ng/ul	91
33) Hexachlorobutadiene	11.188	225	63991	38.597	ng/ul	88
34) Caprolactam	11.787	113	28376m	43.973	ng/ul	JU 8/13/21
35) 4-Chloro-3-methylphenol	12.145	107	101245	43.284	ng/ul	93

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.515	142	196959	39.153	ng/ul	93
37) 1-Methylnaphthalene	12.733	142	190483	38.913	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.885	216	108531	39.632	ng/ul	98
40) Hexachlorocyclopentadiene	12.856	237	35868	22.207	ng/ul	98
41) 2,4,6-Trichlorophenol	13.126	196	72448	41.342	ng/ul#	88
42) 2,4,5-Trichlorophenol	13.203	196	77593	41.266	ng/ul	97
43) 1,1'-Biphenyl	13.520	154	249877	38.043	ng/ul	99
44) 2-Chloronaphthalene	13.567	162	199549	38.809	ng/ul	98
45) 2-Nitroaniline	13.767	65	75035	41.452	ng/ul	100
47) Dimethylphthalate	14.137	163	267074	38.885	ng/ul	97
48) 2,6-Dinitrotoluene	14.260	165	57401	40.921	ng/ul	99
50) Acenaphthylene	14.413	152	299410	38.548	ng/ul	98
51) 3-Nitroaniline	14.595	138	56690	45.395	ng/ul	98
52) Acenaphthene	14.754	153	215918	38.919	ng/ul	97
53) 2,4-Dinitrophenol	14.806	184	32924	42.601	ng/ul	97
55) 4-Nitrophenol	14.912	109	59944	40.971	ng/ul	93
56) Dibenzofuran	15.088	168	299538	38.919	ng/ul	99
57) 2,4-Dinitrotoluene	15.053	165	85978	42.493	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.317	232	68406	44.148	ng/ul#	93
59) Diethylphthalate	15.500	149	279401	40.347	ng/ul	96
61) Fluorene	15.740	166	247943	39.616	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.723	204	135470	39.757	ng/ul	95
63) 4-Nitroaniline	15.764	138	57103	48.907	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.823	198	48926	40.648	ng/ul#	99
67) N-Nitrosodiphenylamine	15.940	169	209696	39.866	ng/ul	94
68) 4-Bromophenyl-phenylether	16.622	248	92627	41.725	ng/ul	96
69) Hexachlorobenzene	16.751	284	104936	41.756	ng/ul	96
70) Atrazine	16.892	200	92434	39.948	ng/ul	95
71) Pentachlorophenol	17.092	266	50416	41.889	ng/ul	94
72) Phenanthrene	17.485	178	408202	40.411	ng/ul	99
74) Anthracene	17.573	178	394369	39.029	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.491	216	113496	40.487	ng/uL	98
76) Pentachlorobenzene	15.012	250	119636	40.468	ng/uL	95
77) Carbazole	17.843	167	359468	39.810	ng/ul	98
78) Di-n-butylphthalate	18.390	149	452875	41.022	ng/ul	99
80) Fluoranthene	19.494	202	505205	41.500	ng/ul	99
82) Pyrene	19.858	202	499197	41.114	ng/ul	100
83) Butylbenzylphthalate	20.728	149	200353	43.299	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.615	252	176629	41.674	ng/ul	99
85) Benzo(a)anthracene	21.703	228	479222	40.770	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.591	149	289835	42.761	ng/ul	99
87) Chrysene	21.768	228	457466	41.672	ng/ul	99
89) Di-n-octyl phthalate	22.819	149	478257	41.458	ng/ul	100
90) Benzo(b)fluoranthene	23.953	252	511148	42.286	ng/ul	99
91) Benzo(k)fluoranthene	24.023	252	481607	40.126	ng/ul	98
93) Benzo(a)pyrene	24.846	252	444143	41.738	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.752	276	575024	41.177	ng/ul	99
95) Dibenzo(a,h)anthracene	28.817	278	483923	41.539	ng/ul	97
96) Benzo(g,h,i)perylene	29.933	276	478528	41.207	ng/ul	96

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