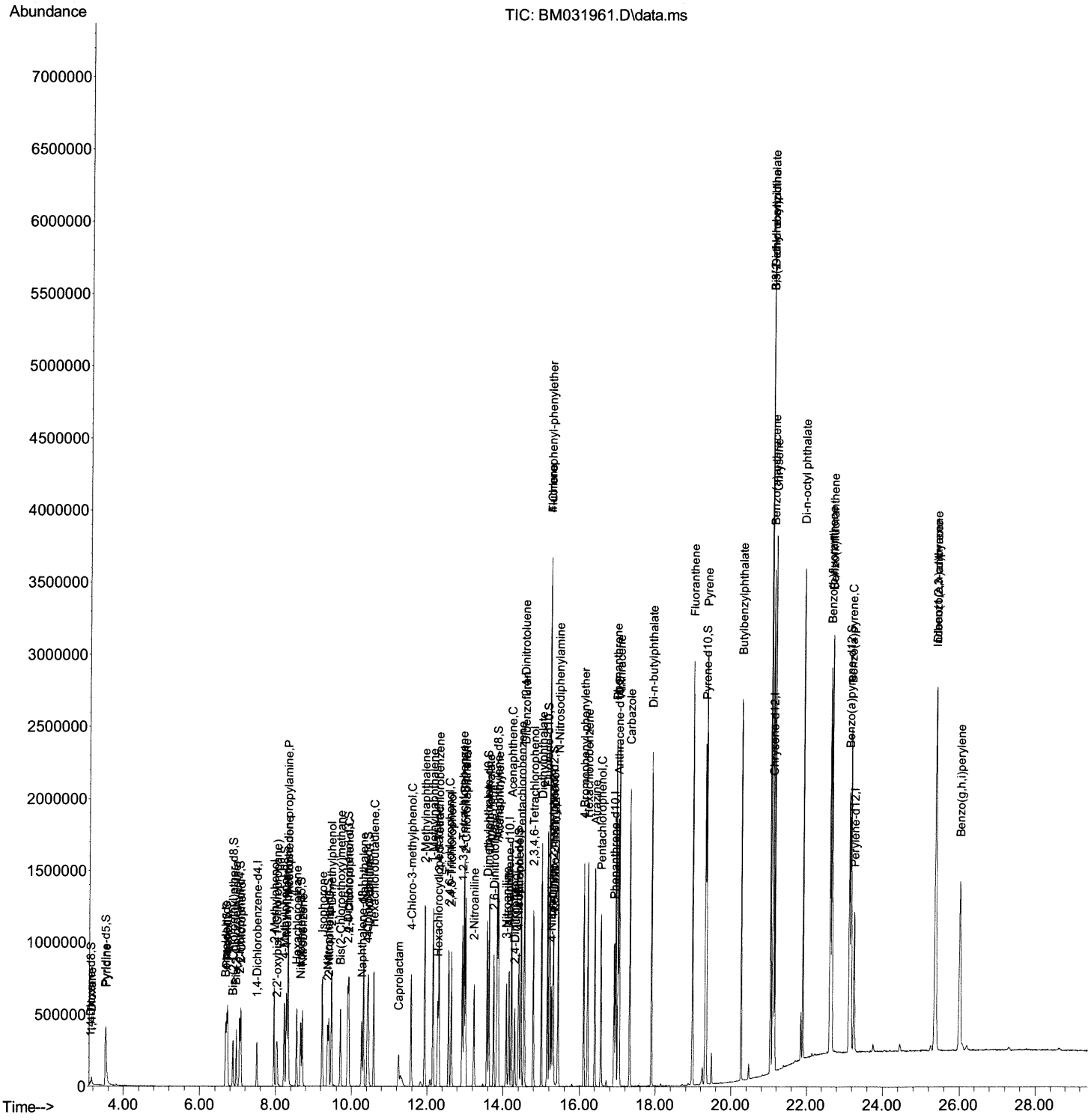
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031961.D
Acq On : 30 Aug 2021 22:13
Operator : CG/JU
Sample : PB138565BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 31 02:37:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS565

Manual Integrations APPROVED
mohammad
8/31/2021 11:37:28 AM



Quantitation Report (Qedit)

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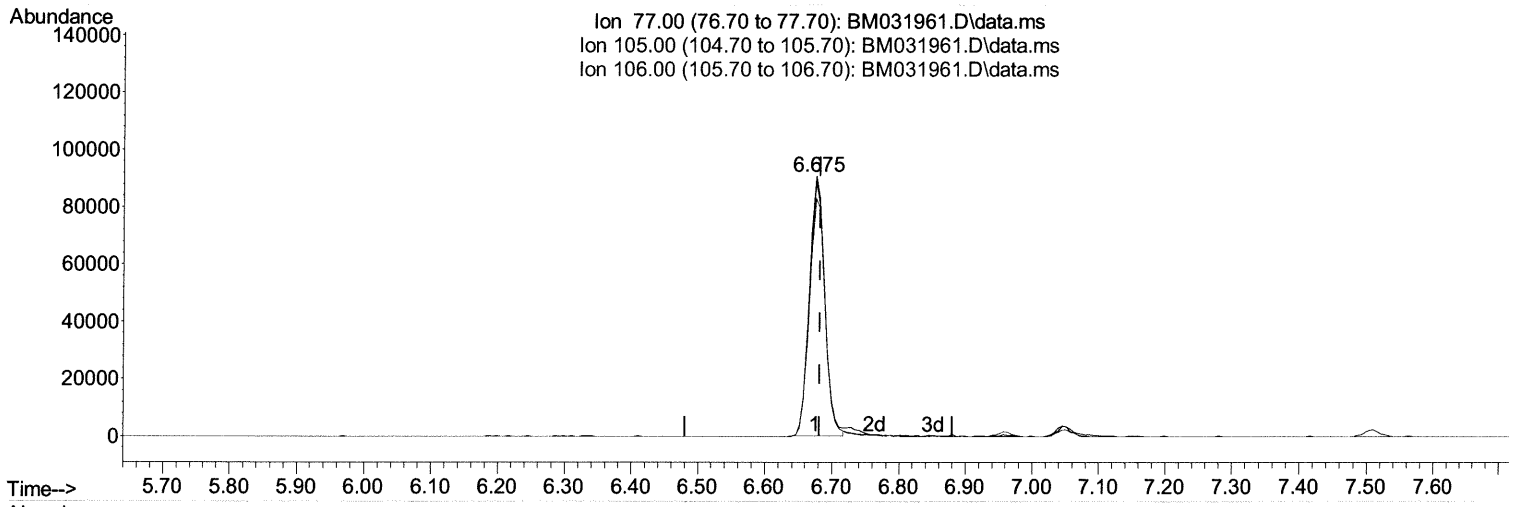

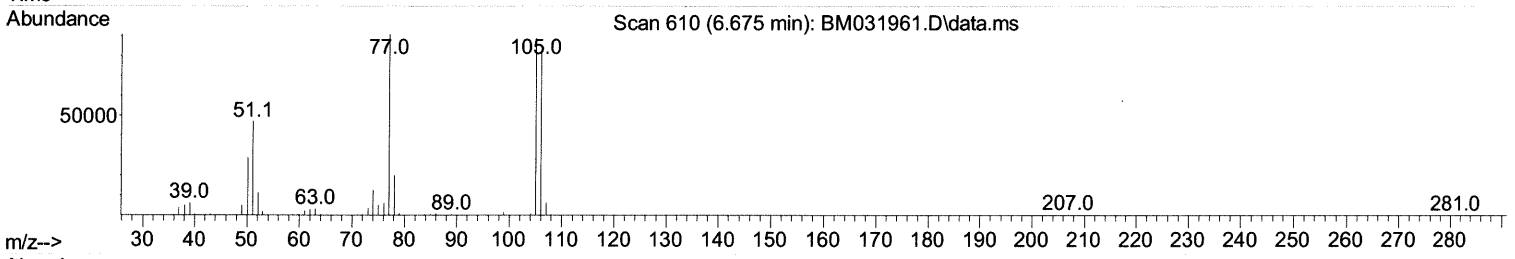

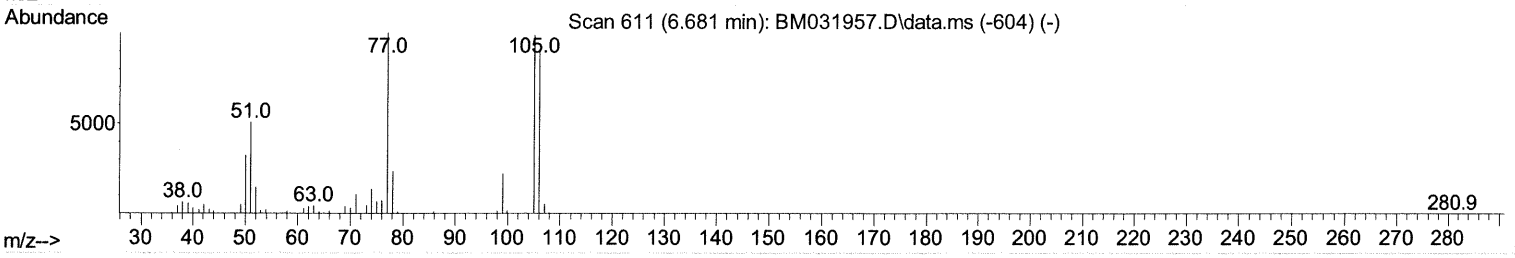

TIC: BM031961.D\data.ms

(6) Benzaldehyde

6.675min (-0.006) 46.59 ng/ul

response 143538

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	102.80	98.06
106.00	93.70	91.31
0.00	0.00	0.00

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mohammad
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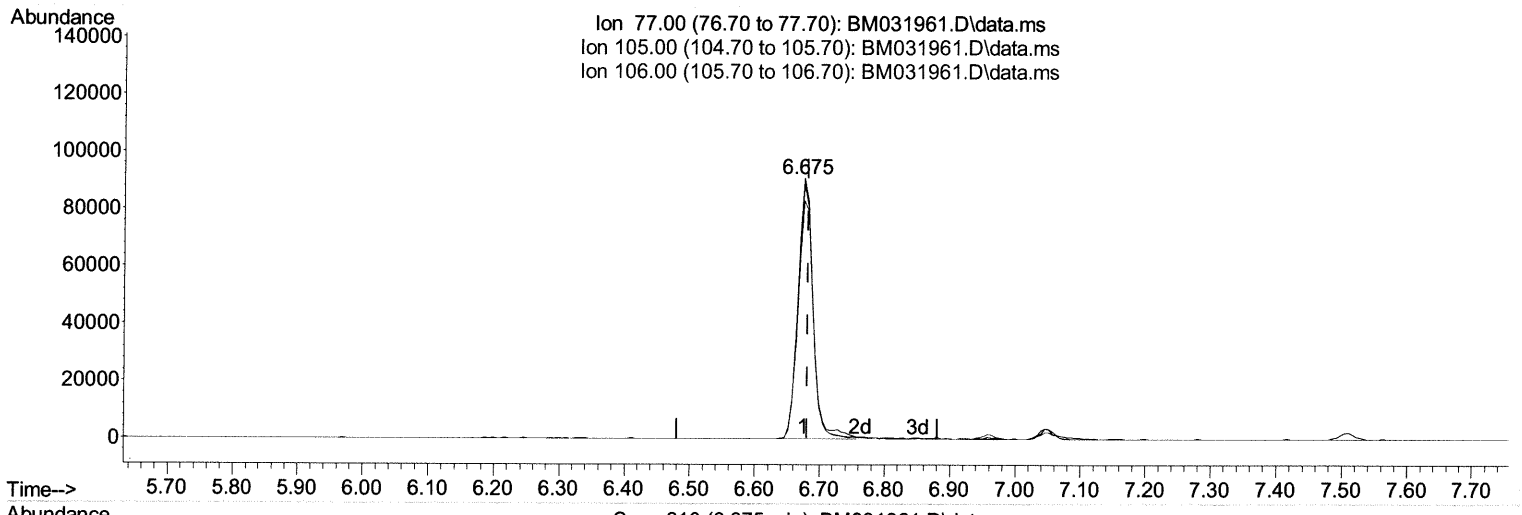

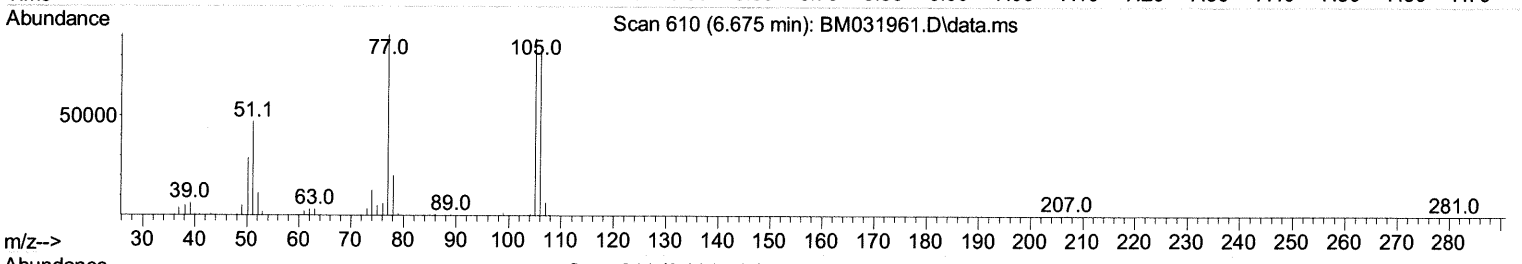

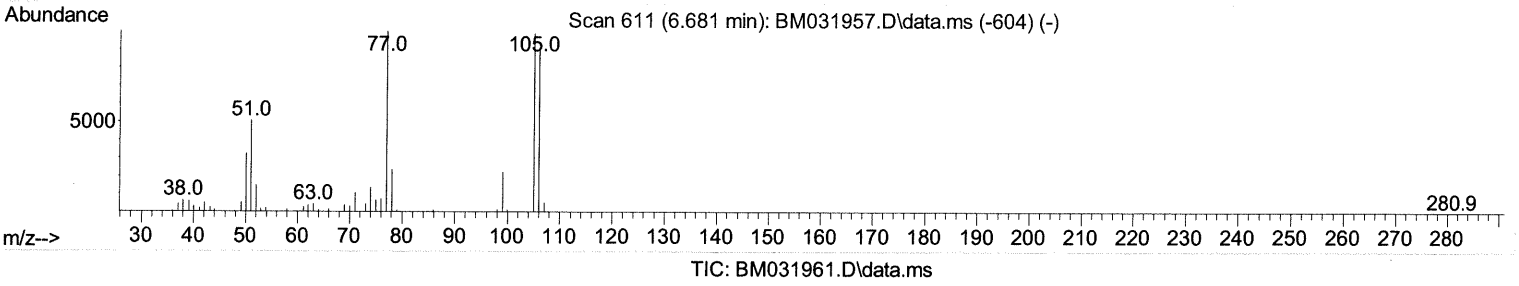

TIC: BM031961.D\data.ms

(6) Benzaldehyde

6.675min (-0.006) 48.37 ng/ul m 09/01/21 JU

response 149020

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	102.80	98.06
106.00	93.70	91.31
0.00	0.00	0.00

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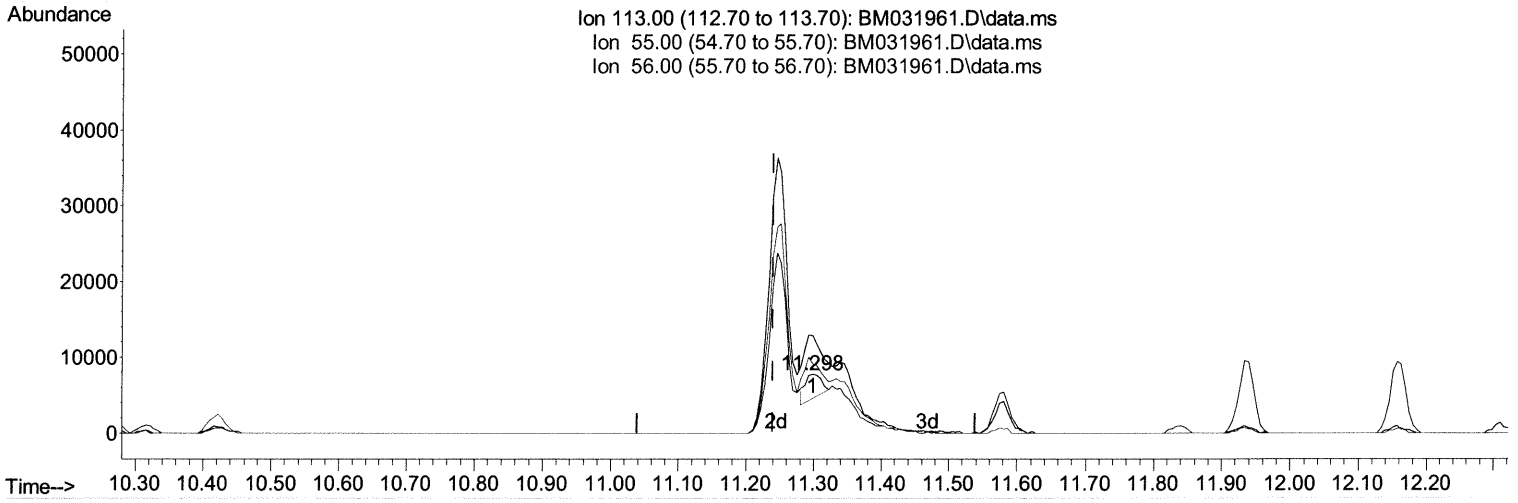

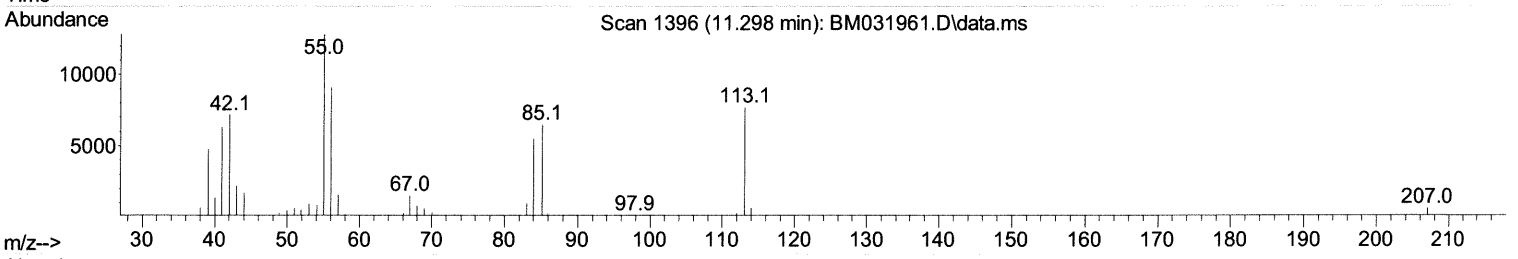

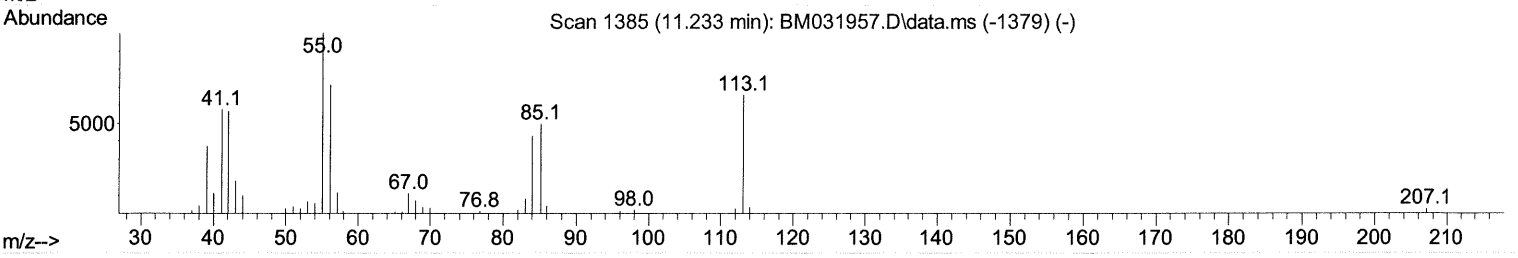

TIC: BM031961.D\data.ms

(34) Caprolactam

11.298min (+ 0.059) 2.72 ng/ul

response 5378

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	194.00	166.19
56.00	127.40	118.35
0.00	0.00	0.00

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mohammad
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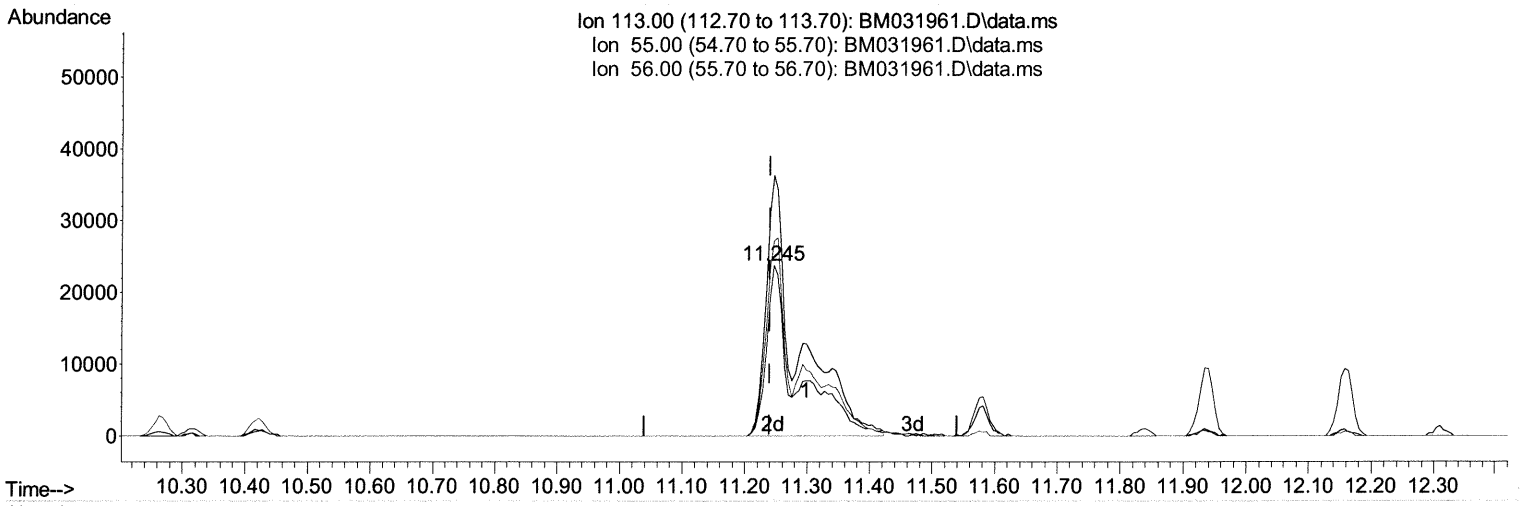

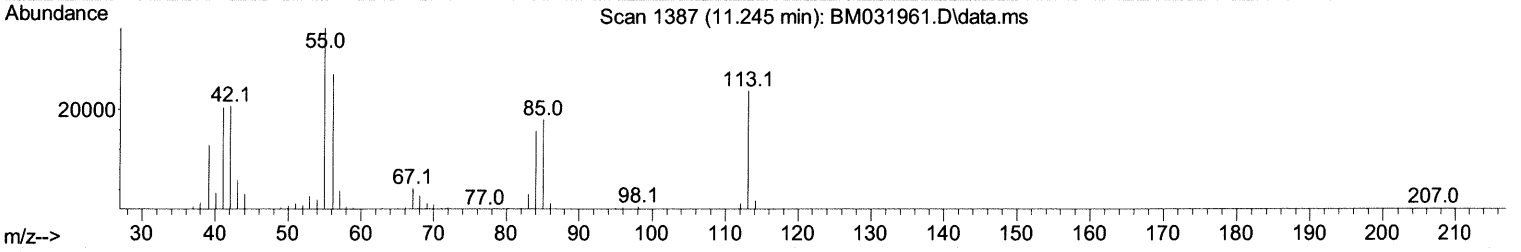

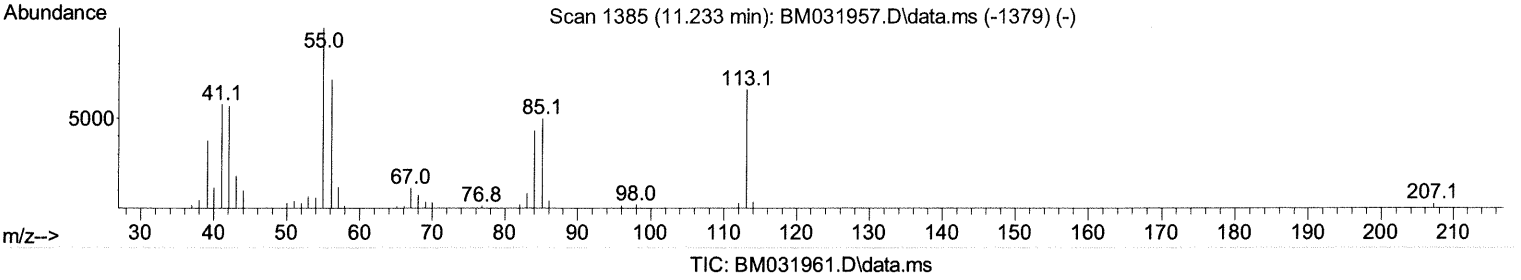

(34) Caprolactam

11.245min (+ 0.006) 40.33 ng/ul m 09/01/21 JU

response 79869

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	194.00	152.64#
56.00	127.40	114.09
0.00	0.00	0.00

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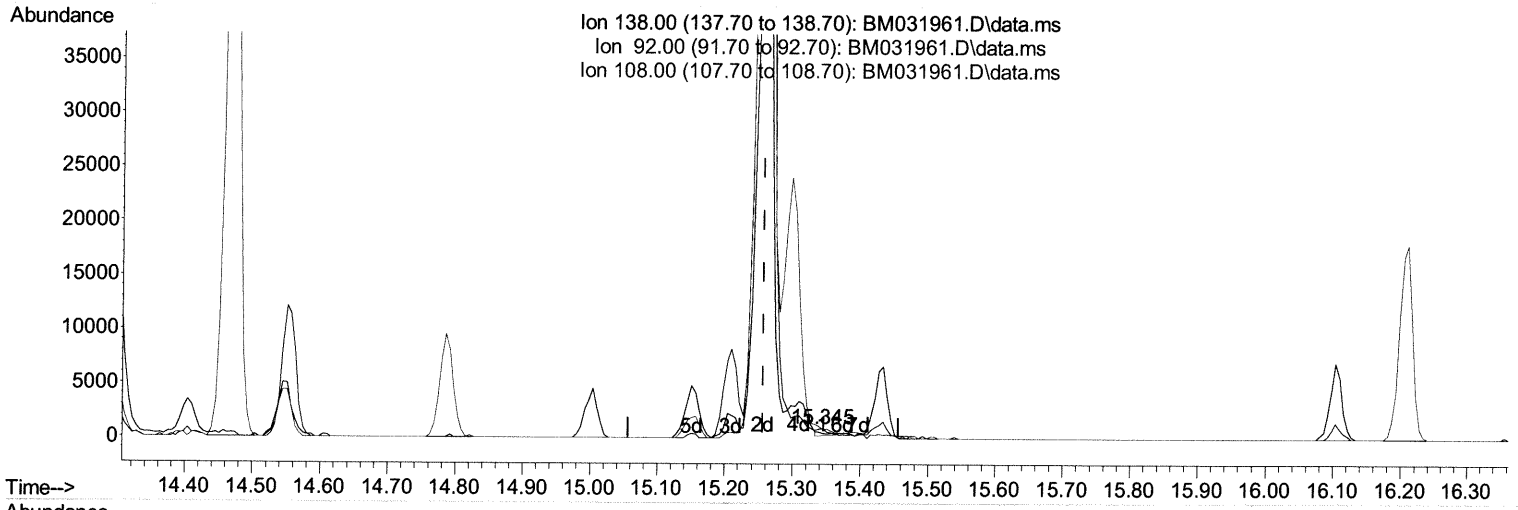

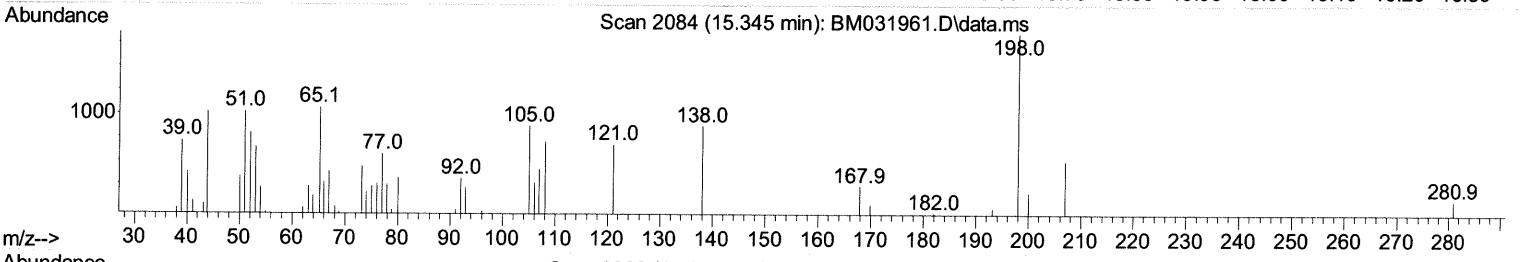

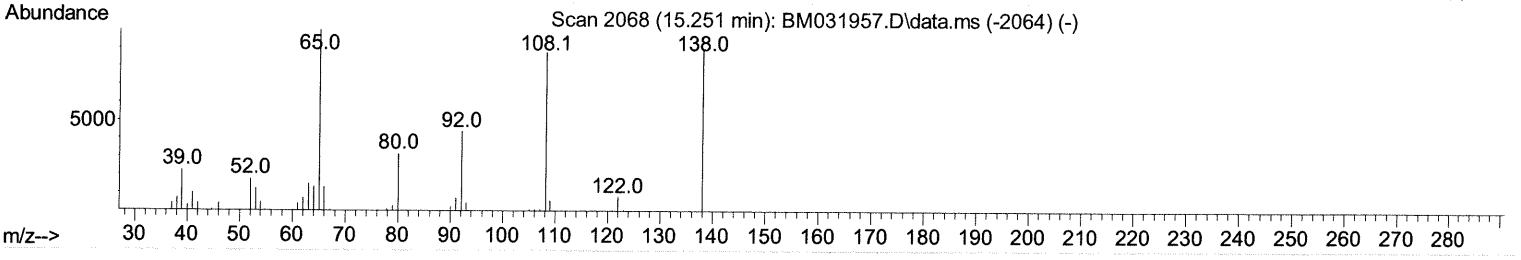

TIC: BM031961.D\data.ms

(63) 4-Nitroaniline

15.345min (+ 0.088) 0.19 ng/ul

response 641

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.90	50.39
108.00	76.80	85.28
0.00	0.00	0.00

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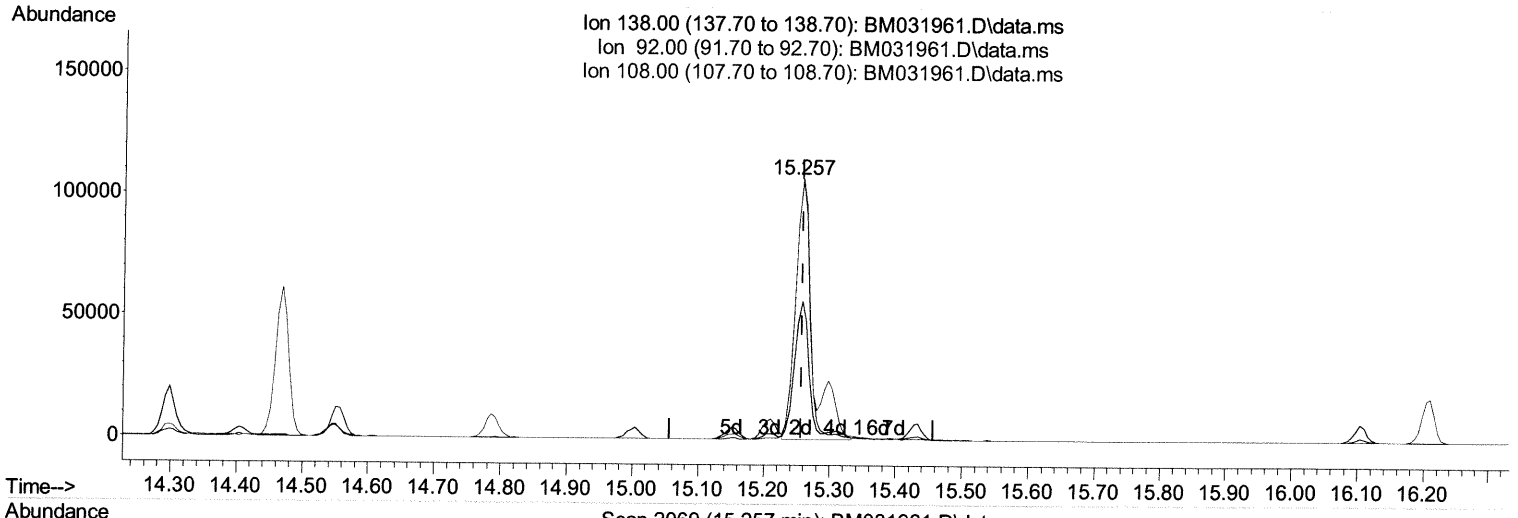

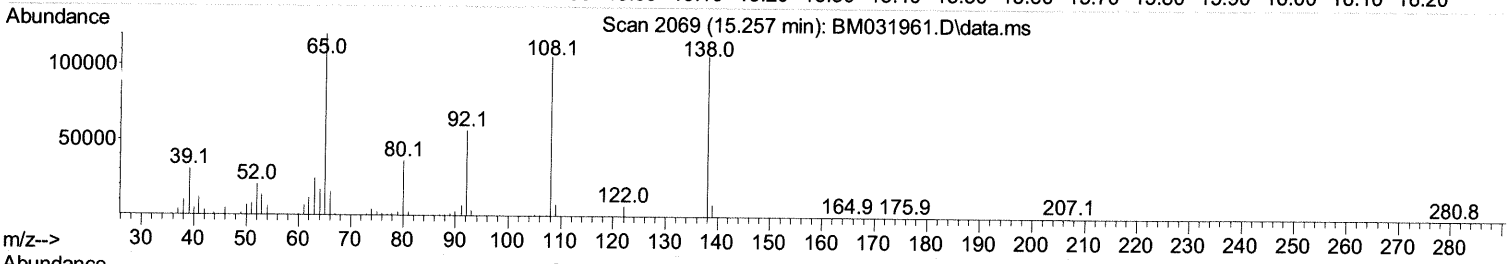

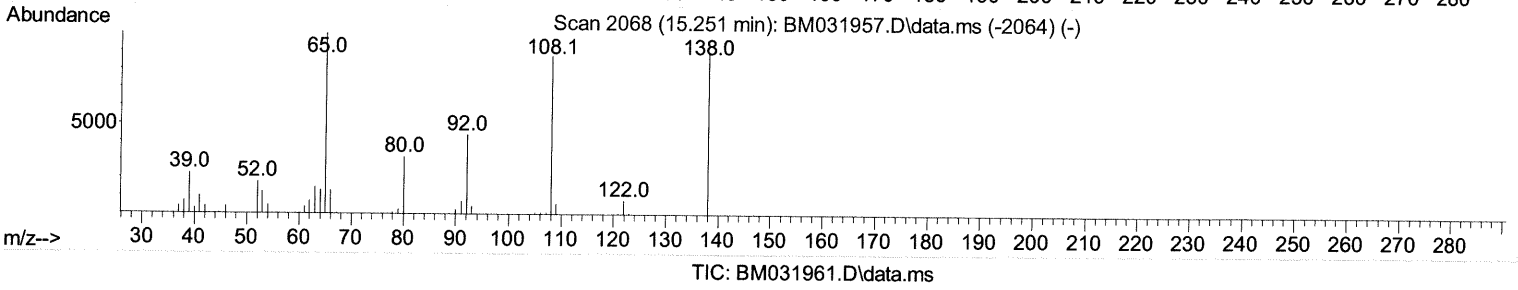

TIC: BM031961.D\data.ms

(63) 4-Nitroaniline

15.257min (+ 0.000) 47.94 ng/ul m 09/01/21 JU

response 164471

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.90	53.05
108.00	76.80	99.36#
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	7.510	152	82066	20.000	ng/ul	0.00
20) Naphthalene-d8	10.269	136	362175	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.151	164	279189	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.910	188	603095	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.115	240	658095	20.000	ng/ul	# 0.00
88) Perylene-d12	23.250	264	632050	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	12048	6.774	ng/uL	0.00
4) Pyridine-d5	3.522	84	174883	34.625	ng/ul	0.00
7) Phenol-d5	6.704	99	242171	35.586	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	135121	34.317	ng/ul	0.00
11) 2-Chlorophenol-d4	7.051	132	199753	38.145	ng/ul	0.00
15) 4-Methylphenol-d8	8.222	113	206297	35.334	ng/ul	0.00
21) Nitrobenzene-d5	8.663	128	100048	38.033	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	122195	39.251	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.898	165	242667	38.851	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	300657	34.124	ng/ul	0.00
46) Dimethylphthalate-d6	13.580	166	770335	36.465	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	943797	37.724	ng/ul	0.00
54) 4-Nitrophenol-d4	14.392	143	137805	36.038	ng/ul	0.00
60) Fluorene-d10	15.151	176	680637	36.652	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	152853	36.885	ng/ul	0.00
73) Anthracene-d10	17.004	188	1092827	38.176	ng/ul	0.00
81) Pyrene-d10	19.309	212	1242388	40.305	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.121	264	1250929	37.658	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.163	88	27121	12.648	ng/uL	88
5) Pyridine	3.540	79	187621	36.132	ng/ul	91
6) Benzaldehyde	6.675	77	149020m	48.371	ng/ul	> 09/01/2021
8) Phenol	6.728	94	269981	39.426	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.957	93	202361	38.799	ng/ul	91
12) 2-Chlorophenol	7.081	128	220467	42.160	ng/ul	96
13) 2-Methylphenol	7.957	108	205968	39.010	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.034	45	257472	37.986	ng/ul#	93
16) Acetophenone	8.334	105	348238	38.082	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.322	70	184728	41.408	ng/ul	94
18) 4-Methylphenol	8.287	108	229620	39.163	ng/ul	97
19) Hexachloroethane	8.557	117	91086	40.662	ng/ul	92
22) Nitrobenzene	8.704	77	267354	40.257	ng/ul	99
23) Isophorone	9.228	82	497666	40.716	ng/ul#	96
25) 2-Nitrophenol	9.404	139	138677	42.761	ng/ul#	92
26) 2,4-Dimethylphenol	9.469	107	264053	39.999	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.710	93	296255	40.888	ng/ul	99
29) 2,4-Dichlorophenol	9.928	162	247708	41.693	ng/ul	98
30) Naphthalene	10.316	128	728070	40.156	ng/ul	99
32) 4-Chloroaniline	10.445	127	325557	37.041	ng/ul	98
33) Hexachlorobutadiene	10.592	225	159316	40.421	ng/ul	97
34) Caprolactam	11.245	113	79869m	40.330	ng/ul	> 09/01/2021
35) 4-Chloro-3-methylphenol	11.581	107	265579	42.626	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.939	142	580322	40.594	ng/ul	100
37) 1-Methylnaphthalene	12.157	142	558176	38.334	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.310	216	328776	41.024	ng/ul	99
40) Hexachlorocyclopentadiene	12.280	237	154933	35.917	ng/ul	98
41) 2,4,6-Trichlorophenol	12.569	196	223619	41.651	ng/ul	98
42) 2,4,5-Trichlorophenol	12.639	196	246702	42.313	ng/ul	99
43) 1,1'-Biphenyl	12.975	154	781693	39.804	ng/ul	98
44) 2-Chloronaphthalene	13.010	162	627537	40.334	ng/ul	98
45) 2-Nitroaniline	13.239	65	181713	42.393	ng/ul	98
47) Dimethylphthalate	13.627	163	832318	40.124	ng/ul	99
48) 2,6-Dinitrotoluene	13.751	165	178565	43.634	ng/ul	96
50) Acenaphthylene	13.869	152	928820	40.347	ng/ul	98
51) 3-Nitroaniline	14.080	138	165533	43.224	ng/ul	96
52) Acenaphthene	14.216	153	674649	40.351	ng/ul	98
53) 2,4-Dinitrophenol	14.298	184	111814	39.078	ng/ul	95
55) 4-Nitrophenol	14.404	109	141129	39.978	ng/ul	86
56) Dibenzofuran	14.557	168	986506	40.009	ng/ul	100
57) 2,4-Dinitrotoluene	14.551	165	263860	42.990	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	14.786	232	222926	42.592	ng/ul#	96
59) Diethylphthalate	15.004	149	871556	41.109	ng/ul	98
61) Fluorene	15.210	166	847625	40.628	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.210	204	428726	40.124	ng/ul	98
63) 4-Nitroaniline	15.257	138	164471m	47.945	ng/ul	09/01/21 JU
66) 4,6-Dinitro-2-methylph...	15.316	198	162364	40.295	ng/ul#	99
67) N-Nitrosodiphenylamine	15.433	169	740543	42.758	ng/ul	97
68) 4-Bromophenyl-phenylether	16.104	248	265278	42.923	ng/ul	96
69) Hexachlorobenzene	16.210	284	306430	42.704	ng/ul	99
70) Atrazine	16.398	200	284827	43.648	ng/ul	96
71) Pentachlorophenol	16.563	266	192589	41.043	ng/ul	97
72) Phenanthrene	16.951	178	1376261	41.782	ng/ul	99
74) Anthracene	17.039	178	1416844	42.029	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.933	216	331126	42.192	ng/uL	99
76) Pentachlorobenzene	14.469	250	336977	40.928	ng/uL	98
77) Carbazole	17.321	167	1254379	40.656	ng/ul	99
78) Di-n-butylphthalate	17.892	149	1571574	44.452	ng/ul	99
80) Fluoranthene	18.974	202	1669483	44.572	ng/ul	95
82) Pyrene	19.339	202	1732675	43.693	ng/ul	95
83) Butylbenzylphthalate	20.262	149	745396	47.870	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.045	252	633672	42.771	ng/ul	95
85) Benzo(a)anthracene	21.098	228	1724427	42.125	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.045	149	1200444	47.803	ng/ul#	97
87) Chrysene	21.150	228	1666649	42.328	ng/ul	99
89) Di-n-octyl phthalate	21.903	149	2046458	47.459	ng/ul	100
90) Benzo(b)fluoranthene	22.621	252	1751243	43.488	ng/ul	98
91) Benzo(k)fluoranthene	22.662	252	1757664	45.086	ng/ul	98
93) Benzo(a)pyrene	23.162	252	1518233	41.751	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.368	276	1676246	36.017	ng/ul	96
95) Dibenzo(a,h)anthracene	25.374	278	1445291	36.925	ng/ul#	96
96) Benzo(g,h,i)perylene	26.003	276	1320431	34.262	ng/ul	96

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