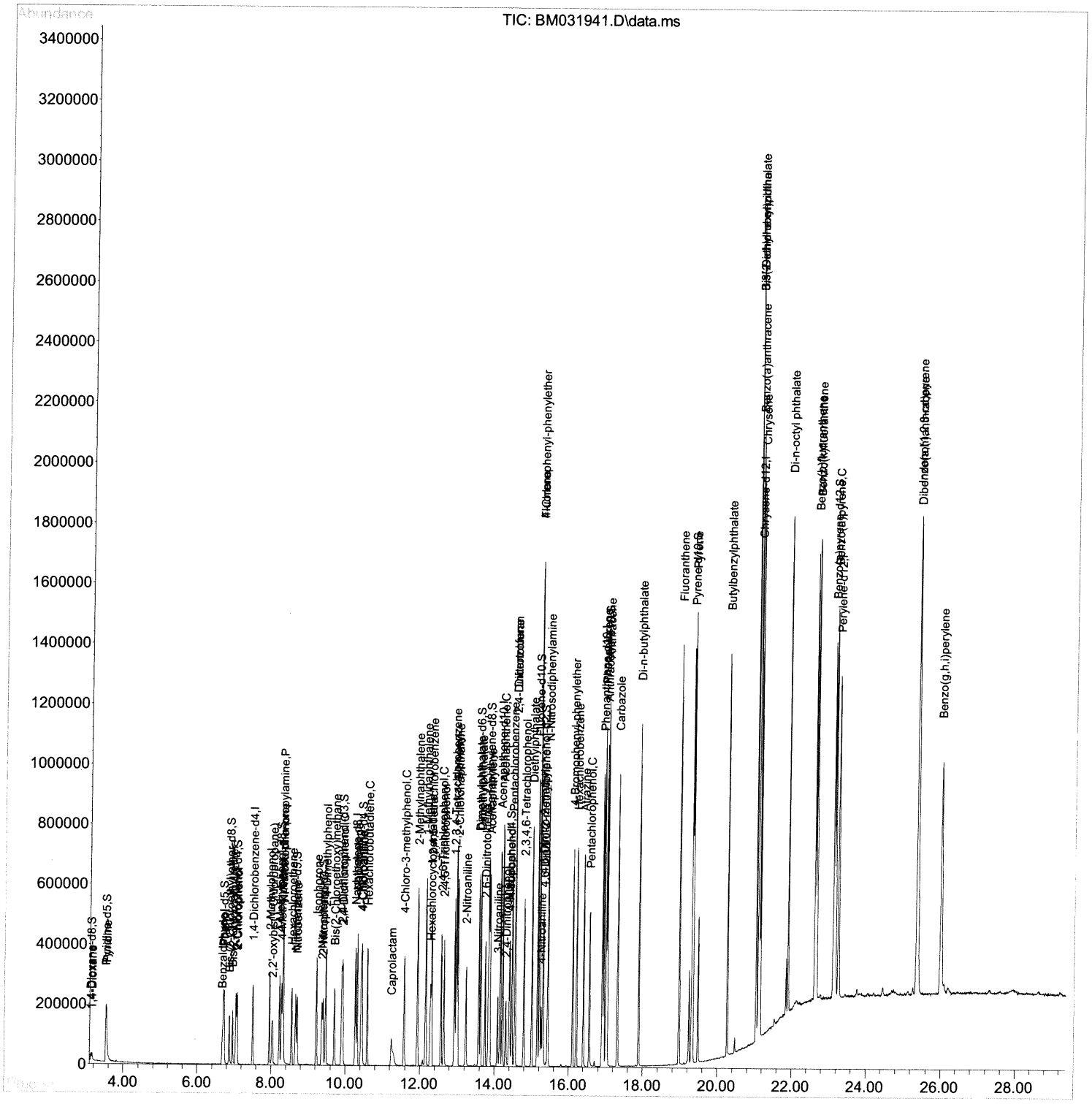
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031941.D
Acq On : 30 Aug 2021 09:13
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 30 10:47:40 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
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
8/31/2021 11:36:40 AM



Quantitation Report (Qedit)

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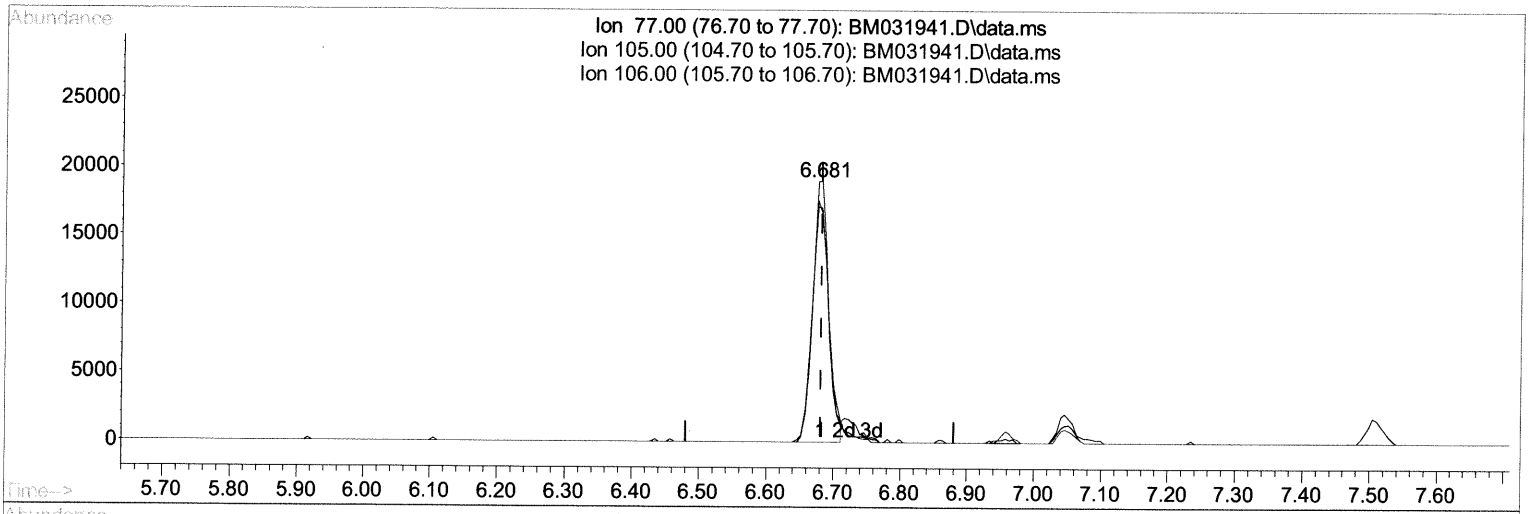

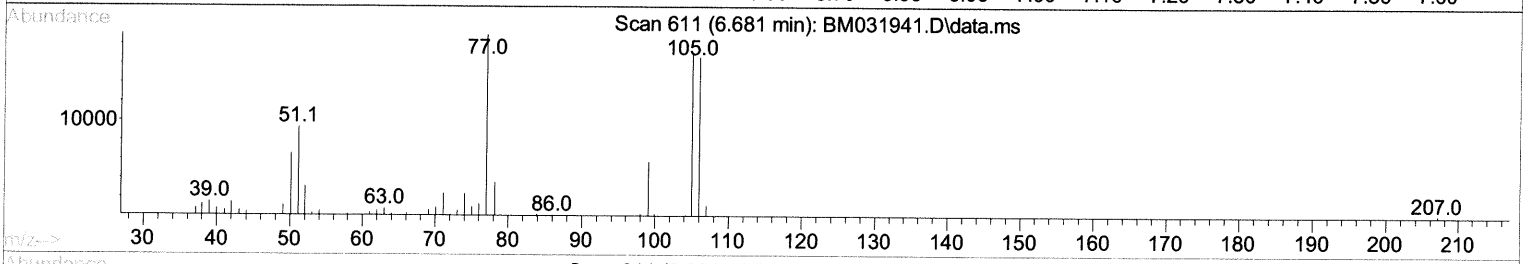

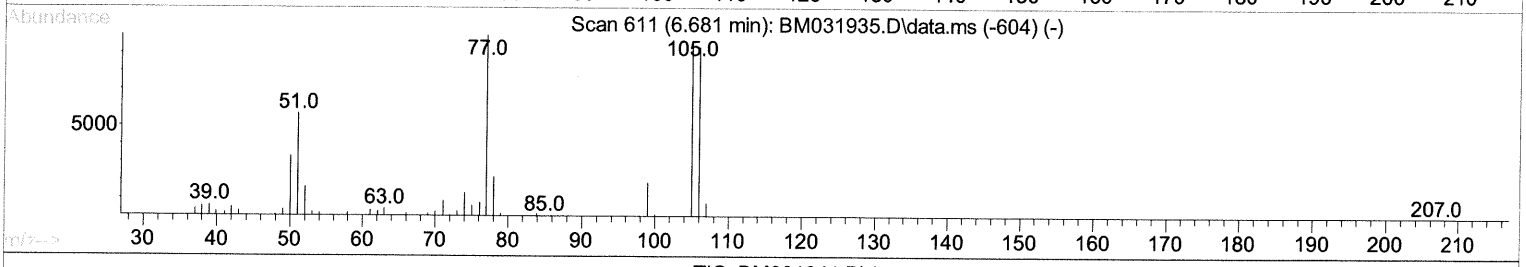

TIC: BM031941.D\data.ms

(6) Benzaldehyde

6.681min (+ 0.000) 12.11 ng/ul

response 32257

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	102.80	89.79
106.00	93.70	88.03
0.00	0.00	0.00

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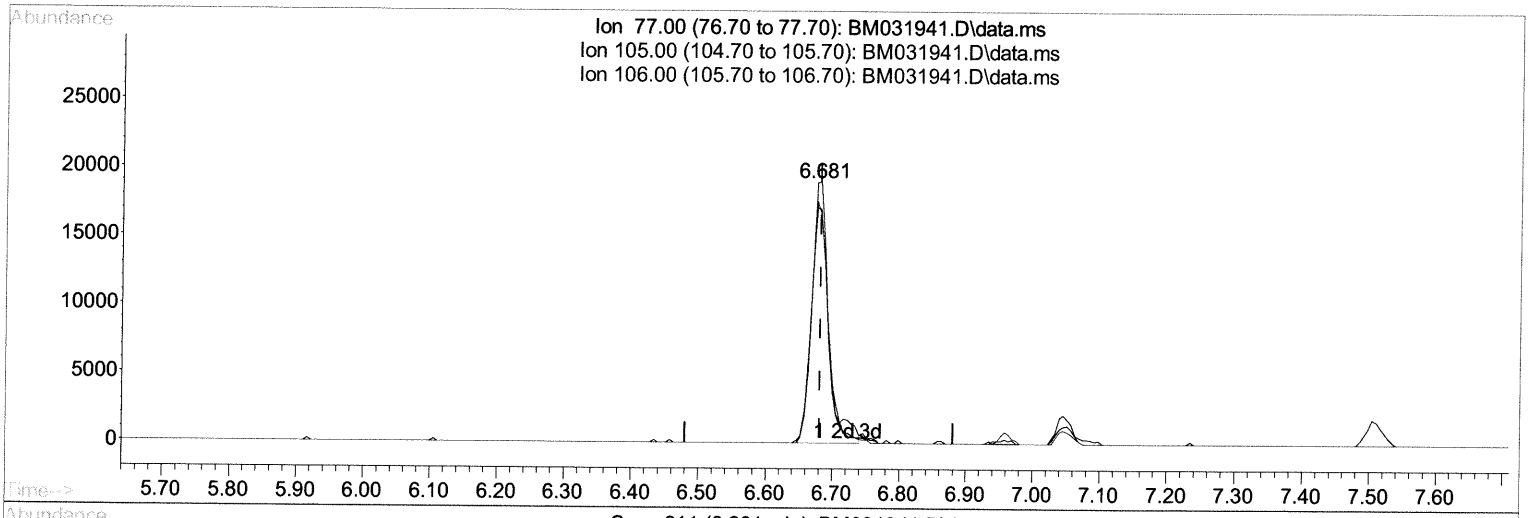

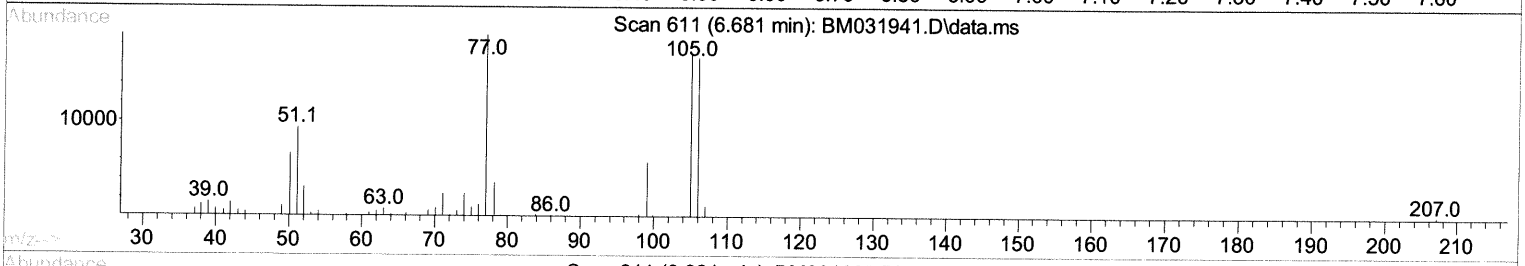

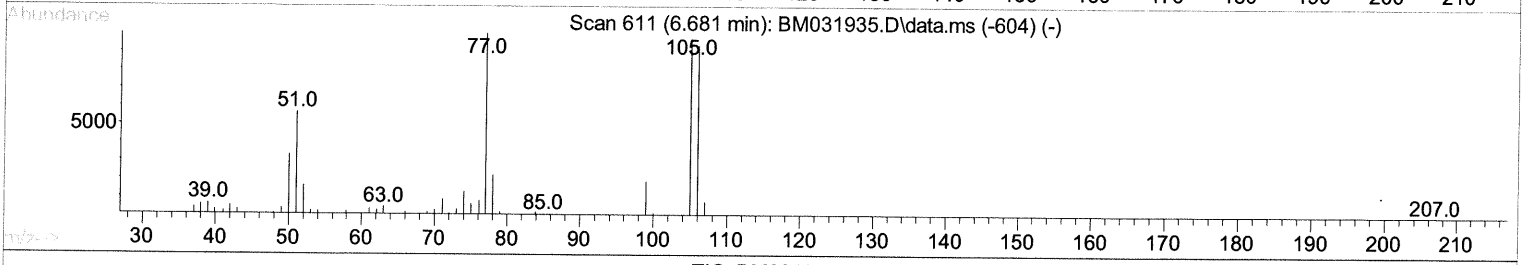

TIC: BM031941.D\data.ms

(6) Benzaldehyde

6.681min (+ 0.000) 12.97 ng/ul m 08/01/21 JU

response 34559

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	102.80	89.79
106.00	93.70	88.03
0.00	0.00	0.00

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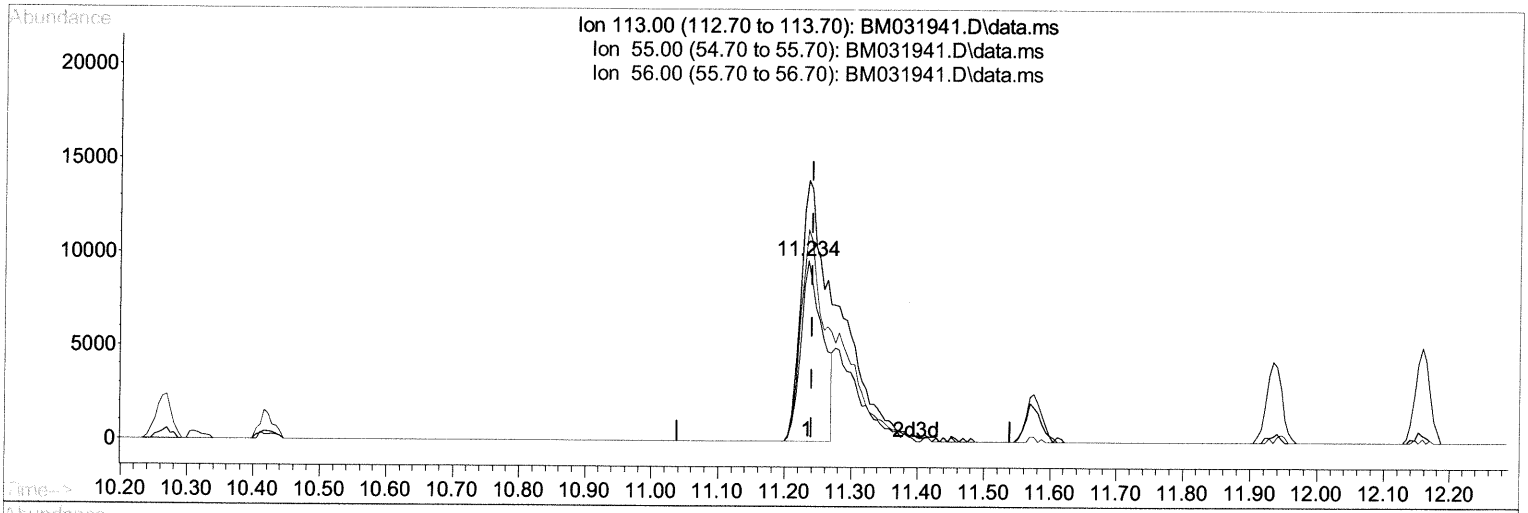

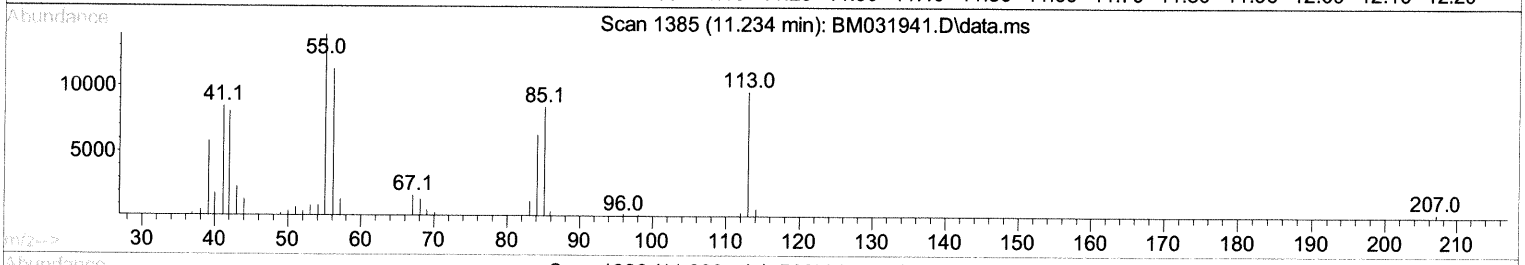

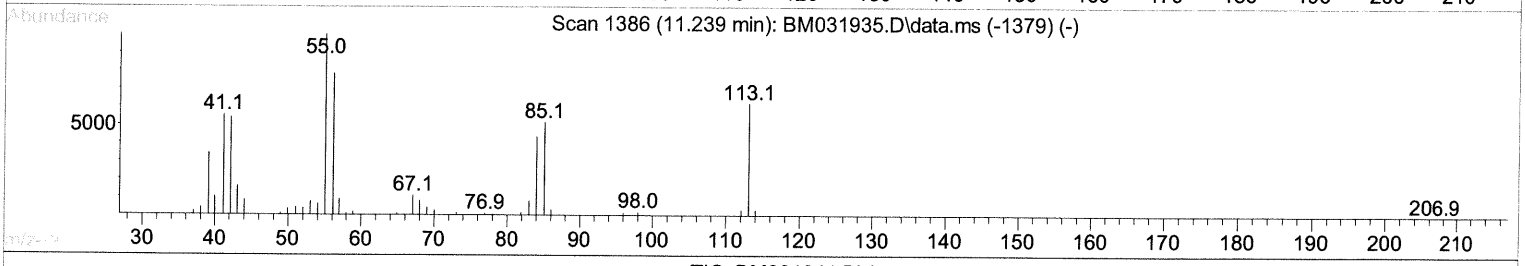

TIC: BM031941.D\data.ms

(34) Caprolactam

11.234min (-0.006) 13.06 ng/ul

response 22293

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	194.00	144.35#
56.00	127.40	117.32
0.00	0.00	0.00

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mohammad
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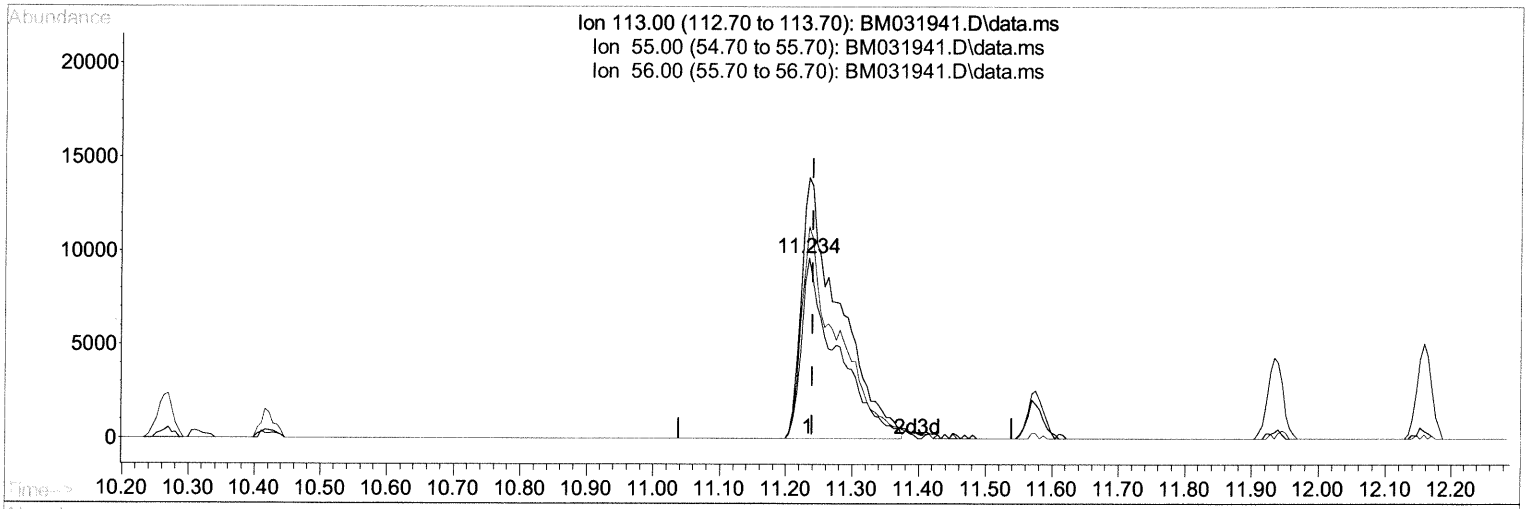

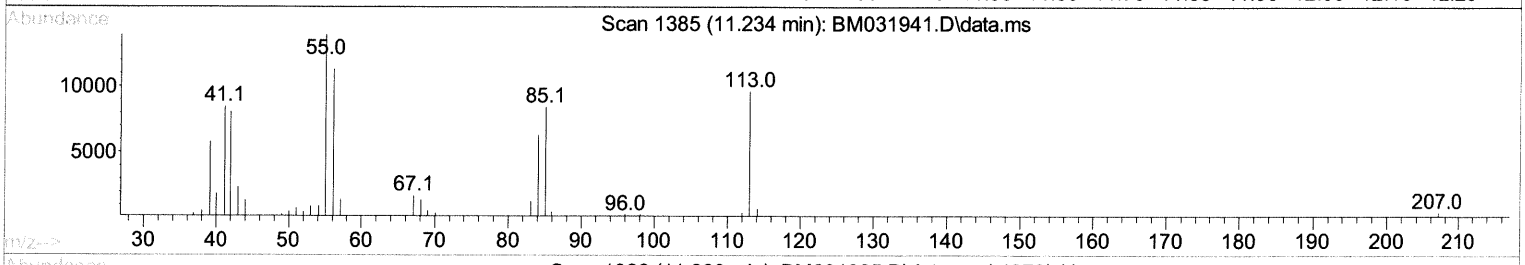

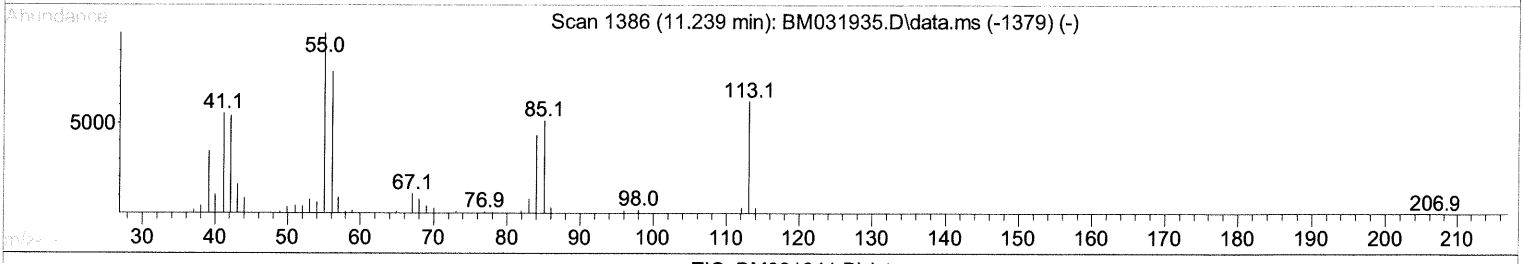

TIC: BM031941.D\data.ms

(34) Caprolactam

11.234min (-0.006) 20.95 ng/ul m 09/01/21 JU

response 35761

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	194.00	144.35#
56.00	127.40	117.32
0.00	0.00	0.00

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Manual Integrations APPROVED
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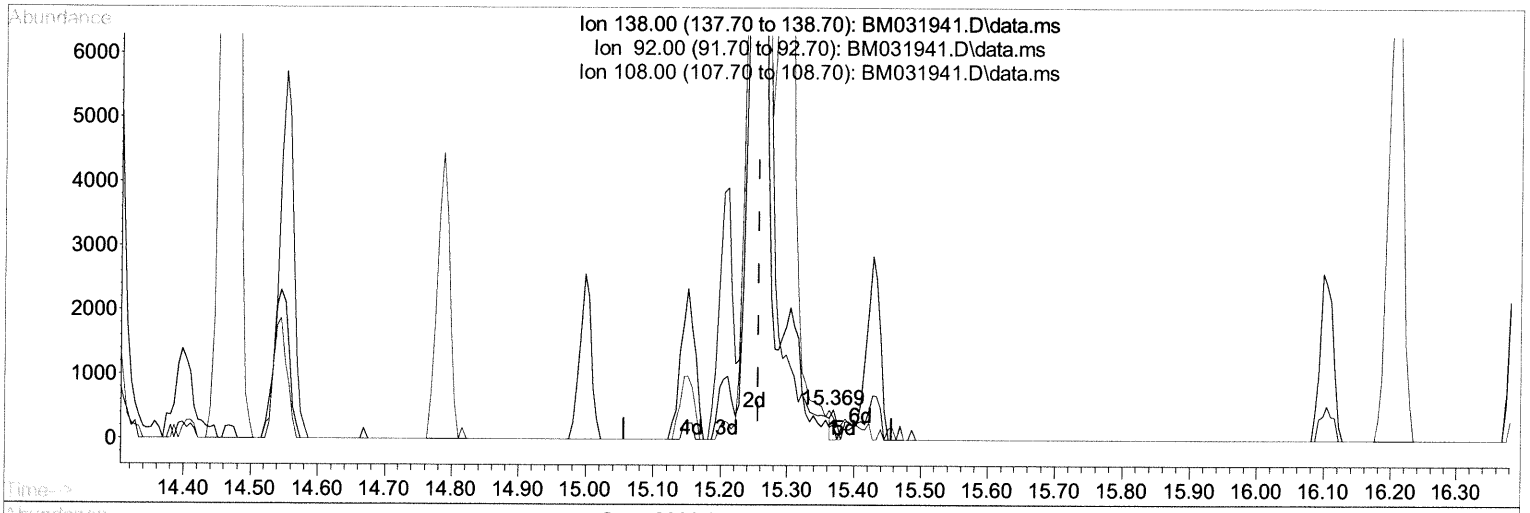

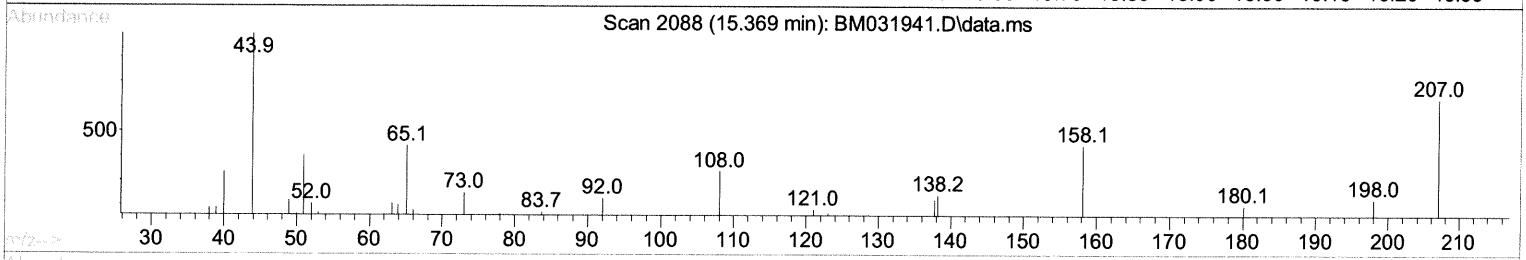

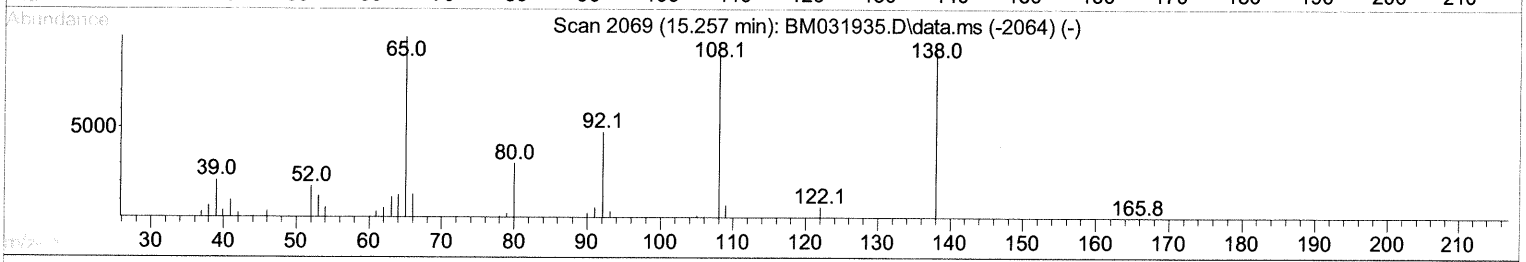

TIC: BM031941.D\data.ms

(63) 4-Nitroaniline

15.369min (+ 0.112) 0.08 ng/ul

response 250

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.90	48.71
108.00	76.80	72.53
0.00	0.00	0.00

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Manual Integrations APPROVED
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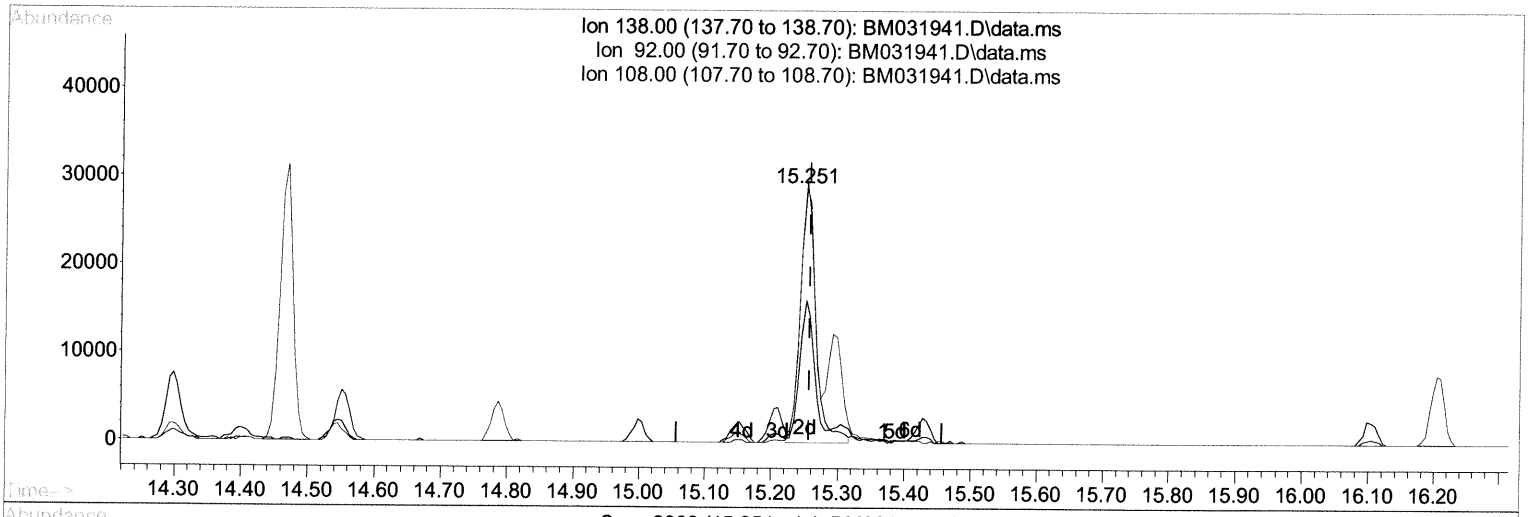

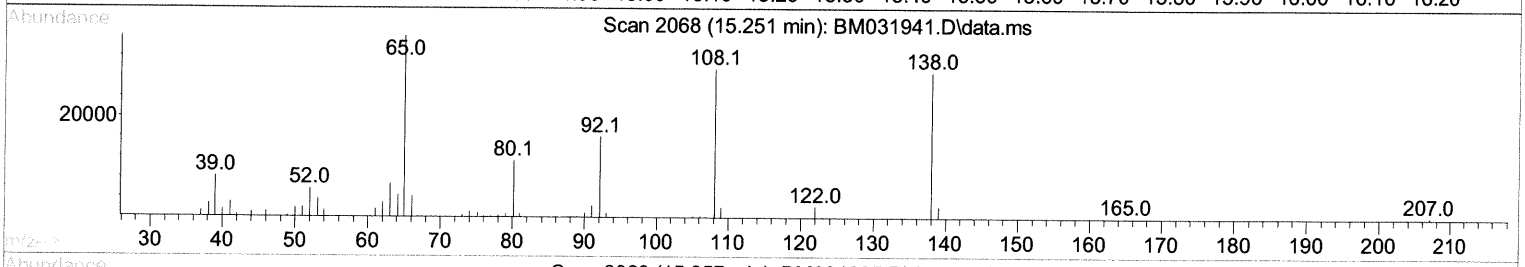

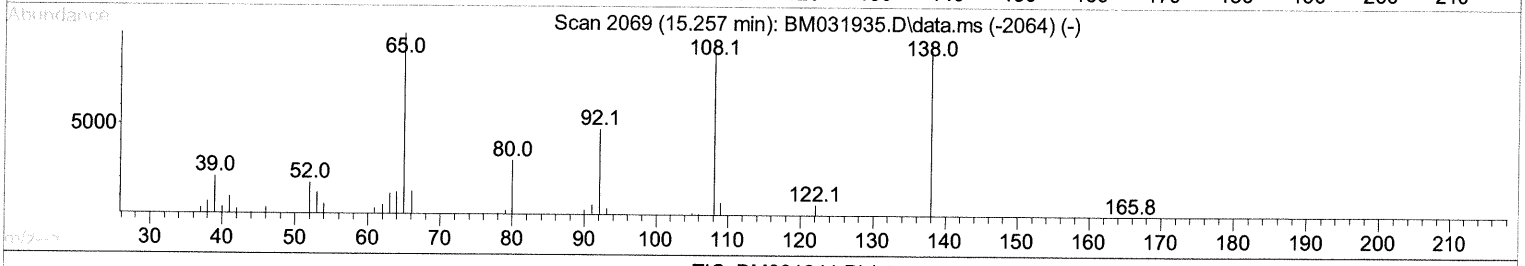

TIC: BM031941.D\data.ms

(63) 4-Nitroaniline

15.251min (-0.006) 15.60 ng/ul m 09/01/21 Ju

response 46879

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.90	55.84
108.00	76.80	102.21#
0.00	0.00	0.00

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LabSampleId : SSTDCCC020

Manual Integrations APPROVED
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8/31/2021 11:36:40 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	70984	20.000	ng/ul	0.00
20) Naphthalene-d8	10.263	136	312209	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.145	164	244624	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	557967	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.115	240	652459	20.000	ng/ul	# 0.00
88) Perylene-d12	23.251	264	711410	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	12912	8.393	ng/uL	0.00
4) Pyridine-d5	3.522	84	90848	20.795	ng/ul	0.00
7) Phenol-d5	6.705	99	117774	20.008	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	70017	20.559	ng/ul	0.00
11) 2-Chlorophenol-d4	7.046	132	98306	21.703	ng/ul	0.00
15) 4-Methylphenol-d8	8.222	113	101224	20.044	ng/ul	0.00
21) Nitrobenzene-d5	8.657	128	49126	21.664	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	58318	21.731	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.899	165	119436	22.182	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	166594	21.934	ng/ul	0.00
46) Dimethylphthalate-d6	13.575	166	400517	21.638	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	484045	22.081	ng/ul	0.00
54) 4-Nitrophenol-d4	14.386	143	67657	20.194	ng/ul	0.00
60) Fluorene-d10	15.151	176	359192	22.075	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	76964	20.075	ng/ul	0.00
73) Anthracene-d10	17.004	188	580221	21.908	ng/ul	0.00
81) Pyrene-d10	19.310	212	673017	22.022	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.115	264	814558	21.786	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.164	88	13175	7.103	ng/uL	85
5) Pyridine	3.540	79	92210	20.530	ng/ul	92
6) Benzaldehyde	6.681	77	34559m	12.969	ng/ul	93
8) Phenol	6.728	94	115601	19.517	ng/ul	93
10) Bis(2-Chloroethyl)ether	6.958	93	93643	20.757	ng/ul	92
12) 2-Chlorophenol	7.081	128	97820	21.627	ng/ul	96
13) 2-Methylphenol	7.957	108	92033	20.152	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.040	45	120102	20.486	ng/ul#	93
16) Acetophenone	8.328	105	159435	20.157	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.316	70	83430	21.621	ng/ul	95
18) 4-Methylphenol	8.281	108	101807	20.074	ng/ul	97
19) Hexachloroethane	8.557	117	42160	21.759	ng/ul	91
22) Nitrobenzene	8.699	77	123186	21.518	ng/ul	98
23) Isophorone	9.222	82	226778	21.523	ng/ul#	96
25) 2-Nitrophenol	9.399	139	62411	22.324	ng/ul#	95
26) 2,4-Dimethylphenol	9.469	107	123230	21.654	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.704	93	136579	21.867	ng/ul	99
29) 2,4-Dichlorophenol	9.928	162	114361	22.329	ng/ul	97
30) Naphthalene	10.316	128	339692	21.734	ng/ul	99
32) 4-Chloroaniline	10.446	127	163832	21.624	ng/ul	99
33) Hexachlorobutadiene	10.587	225	74684	21.981	ng/ul	97
34) Caprolactam	11.234	113	35761m	20.948	ng/ul	93
35) 4-Chloro-3-methylphenol	11.575	107	120161	22.373	ng/ul	99

09/01/21 JU

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mohammad
8/31/2021 11:36:40 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.934	142	271883	22.062	ng/ul	99
37) 1-Methylnaphthalene	12.157	142	276253	22.009	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.310	216	153524	21.863	ng/ul	97
40) Hexachlorocyclopentadiene	12.281	237	71042	18.796	ng/ul	99
41) 2,4,6-Trichlorophenol	12.569	196	102805	21.854	ng/ul	96
42) 2,4,5-Trichlorophenol	12.640	196	111425	21.811	ng/ul	99
43) 1,1'-Biphenyl	12.975	154	374640	21.773	ng/ul#	98
44) 2-Chloronaphthalene	13.010	162	293658	21.542	ng/ul	98
45) 2-Nitroaniline	13.239	65	81294	21.645	ng/ul	96
47) Dimethylphthalate	13.622	163	397229	21.855	ng/ul	100
48) 2,6-Dinitrotoluene	13.745	165	78842	21.988	ng/ul	98
50) Acenaphthylene	13.869	152	434984	21.565	ng/ul	99
51) 3-Nitroaniline	14.081	138	54951	16.376	ng/ul	96
52) Acenaphthene	14.210	153	318229	21.723	ng/ul	98
53) 2,4-Dinitrophenol	14.298	184	46393	18.505	ng/ul	93
55) 4-Nitrophenol	14.398	109	63920	20.665	ng/ul	87
56) Dibenzofuran	14.551	168	474104	21.945	ng/ul	100
57) 2,4-Dinitrotoluene	14.545	165	121083	22.515	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	14.786	232	102173	22.279	ng/ul#	97
59) Diethylphthalate	14.998	149	407588	21.941	ng/ul	100
61) Fluorene	15.210	166	400744	21.922	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.210	204	205804	21.983	ng/ul	98
63) 4-Nitroaniline	15.251	138	46879m>	15.597	ng/ul>	09/01/21 JU
66) 4,6-Dinitro-2-methylph...	15.310	198	74711	20.041	ng/ul	97
67) N-Nitrosodiphenylamine	15.428	169	345801	21.581	ng/ul	98
68) 4-Bromophenyl-phenylether	16.104	248	125323	21.918	ng/ul	98
69) Hexachlorobenzene	16.210	284	145842	21.968	ng/ul	96
70) Atrazine	16.398	200	127885	21.183	ng/ul	97
71) Pentachlorophenol	16.563	266	87206	20.088	ng/ul	97
72) Phenanthrene	16.945	178	663779	21.781	ng/ul	99
74) Anthracene	17.039	178	690372	22.135	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.928	216	153574	21.151	ng/uL	97
76) Pentachlorobenzene	14.469	250	163416	21.453	ng/uL	98
77) Carbazole	17.322	167	601950	21.088	ng/ul	99
78) Di-n-butylphthalate	17.892	149	731266	22.357	ng/ul	99
80) Fluoranthene	18.974	202	818201	22.033	ng/ul#	93
82) Pyrene	19.339	202	872043	22.180	ng/ul#	94
83) Butylbenzylphthalate	20.263	149	349419	22.634	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.045	252	285559	19.441	ng/ul	98
85) Benzo(a)anthracene	21.098	228	900005	22.176	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.045	149	566252	22.743	ng/ul#	98
87) Chrysene	21.151	228	870576	22.301	ng/ul	99
89) Di-n-octyl phthalate	21.904	149	984569	20.286	ng/ul	100
90) Benzo(b)fluoranthene	22.621	252	983734	21.704	ng/ul#	97
91) Benzo(k)fluoranthene	22.662	252	956363	21.795	ng/ul#	98
93) Benzo(a)pyrene	23.162	252	879307	21.483	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	25.362	276	1113026	21.247	ng/ul	95
95) Dibenzo(a,h)anthracene	25.374	278	933788	21.195	ng/ul#	95
96) Benzo(g,h,i)perylene	25.997	276	917986	21.163	ng/ul	97

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