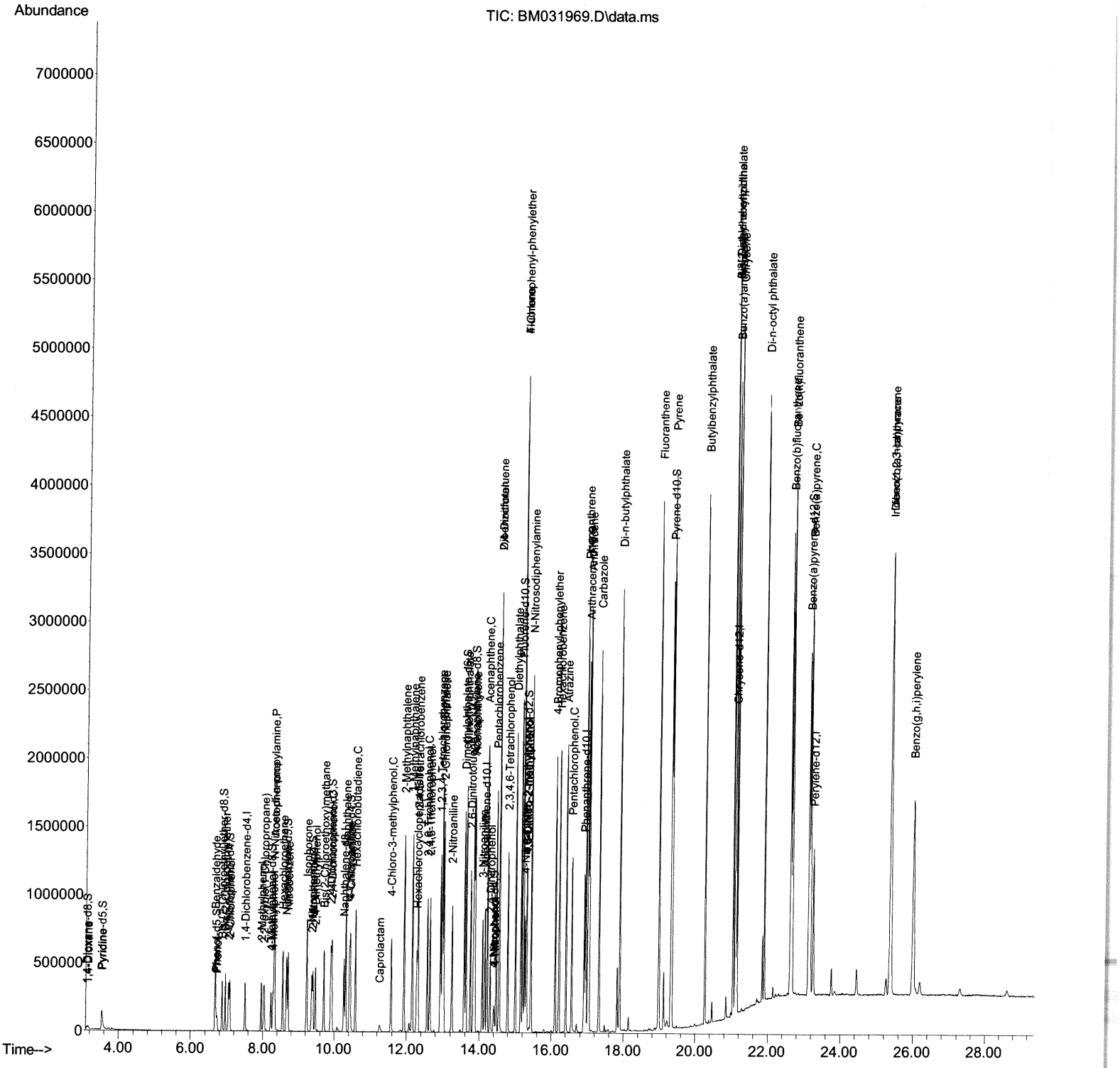
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031969.D
Acq On : 31 Aug 2021 03:11
Operator : CG/JU
Sample : M3422-24MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Aug 31 04:22:35 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 :
DBKE2MS

Manual Integrations APPROVED
mohammad
8/31/2021 11:37:40 AM



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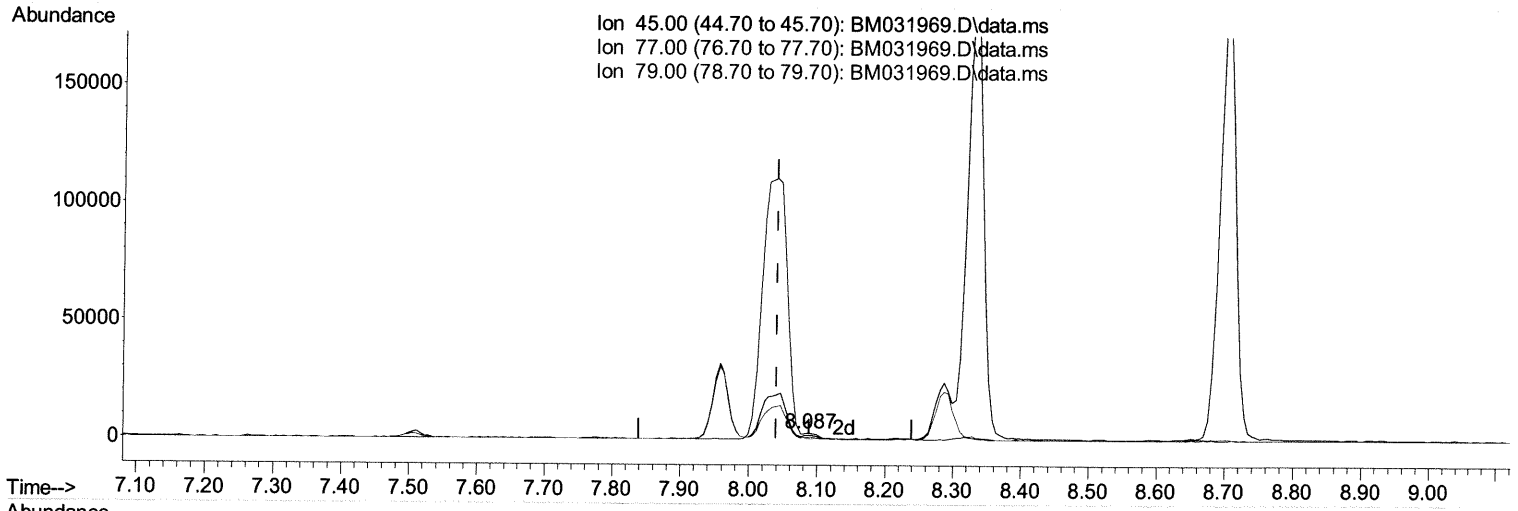

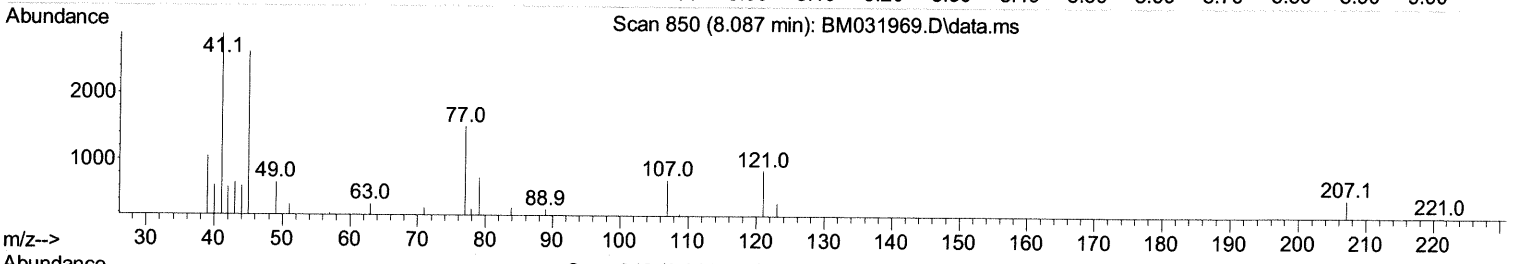

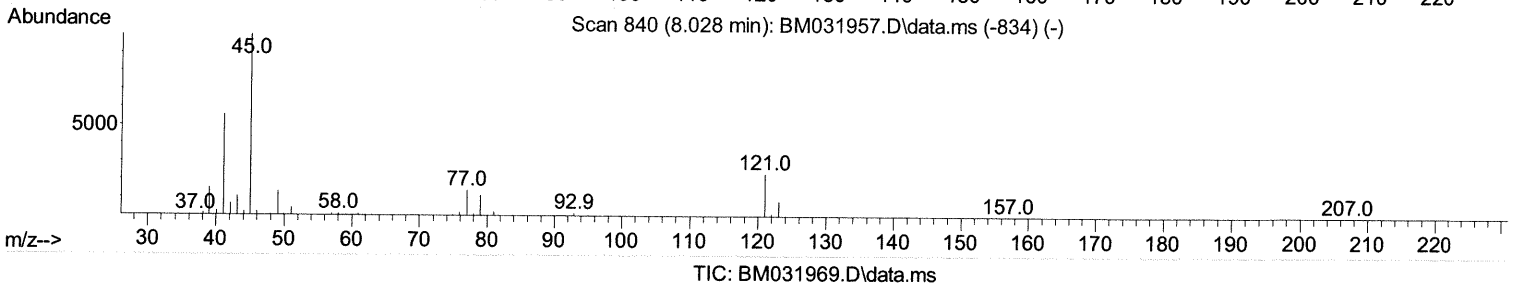

TIC: BM031969.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.087min (+ 0.047) 0.32 ng/ul

response 2524

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	12.80	57.46#
79.00	9.80	28.03#
0.00	0.00	0.00

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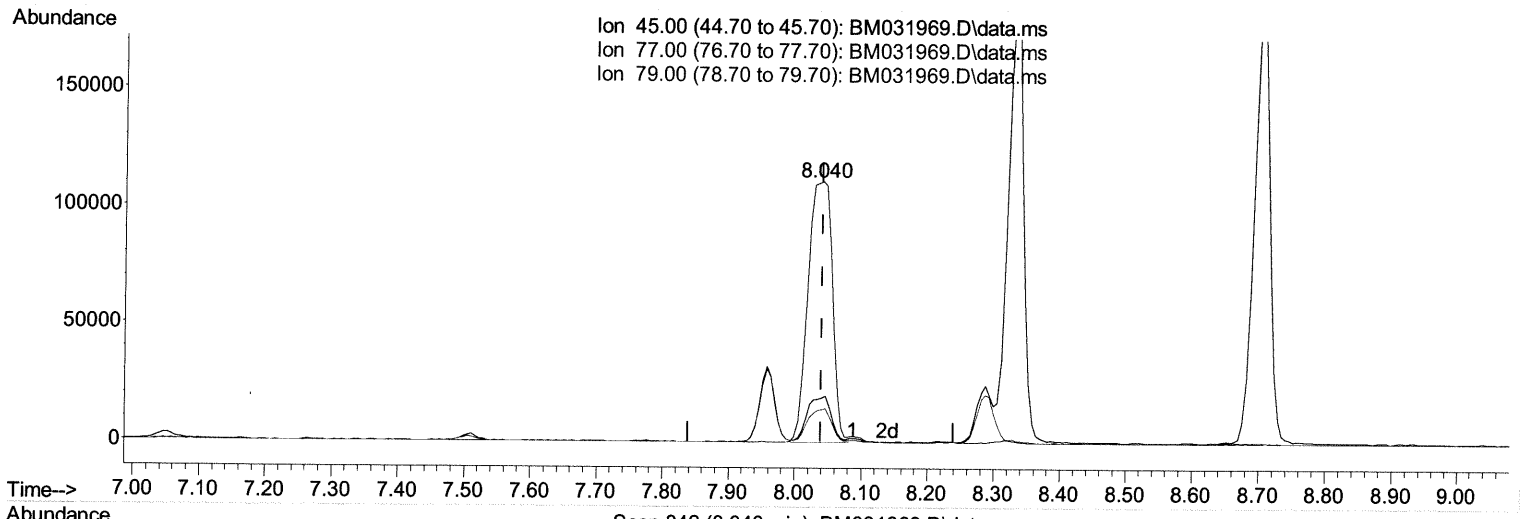

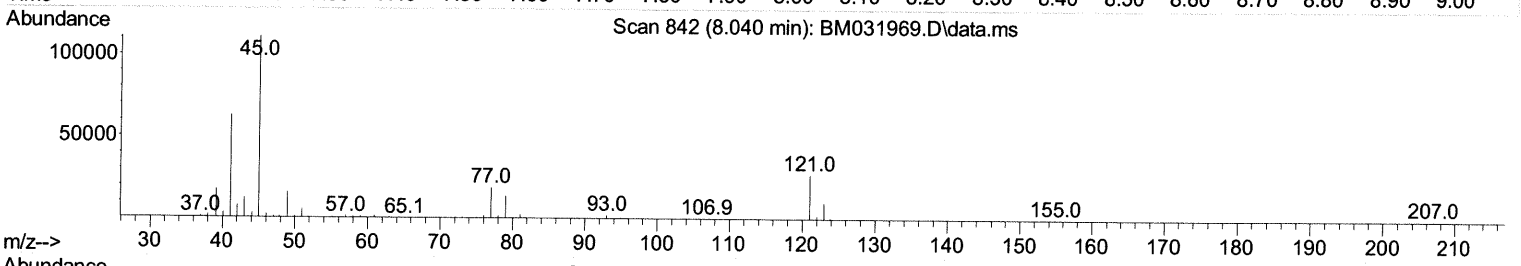

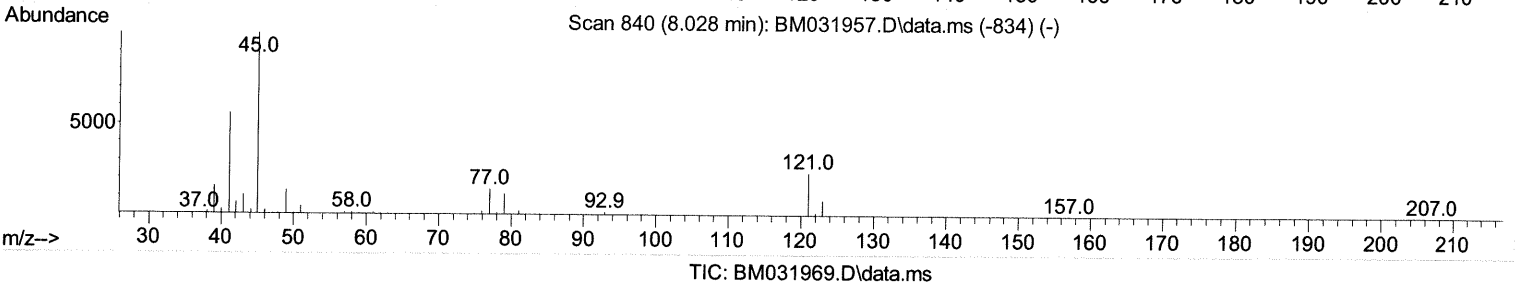

TIC: BM031969.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.040min (+ 0.000) 36.05 ng/ul m 09/01/21 JU

response 280702

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	12.80	16.87#
79.00	9.80	12.34#
0.00	0.00	0.00

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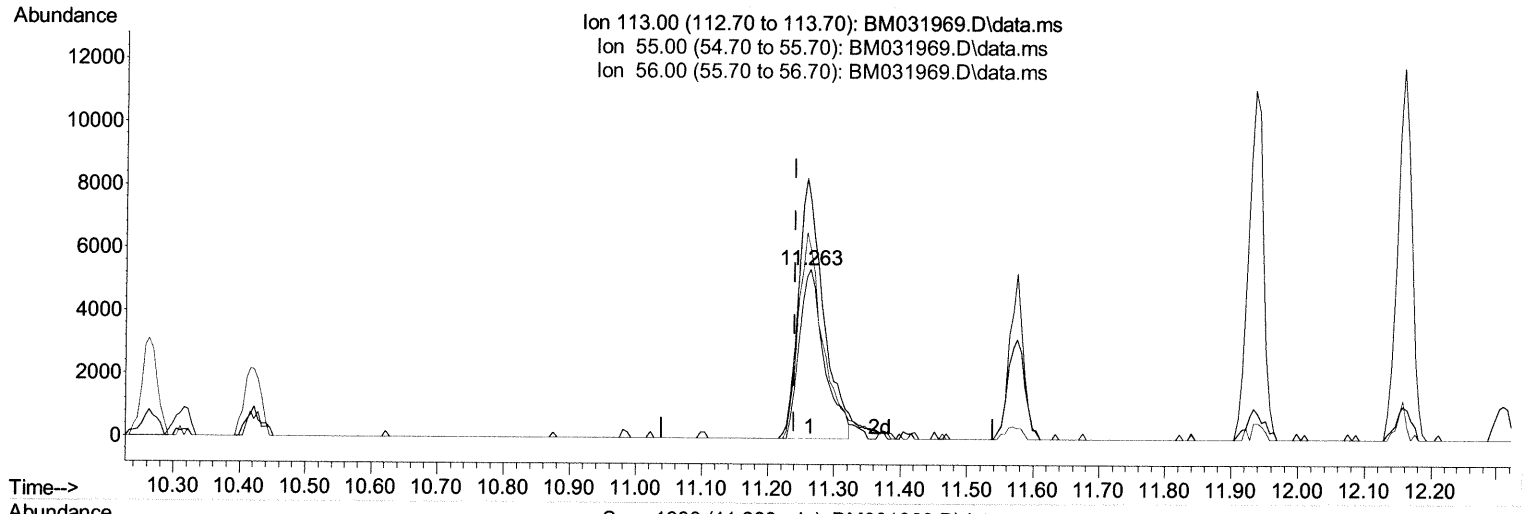

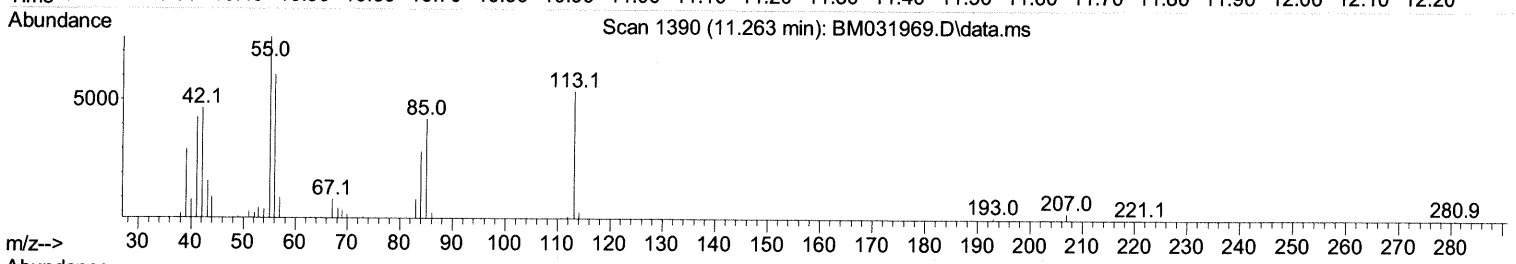

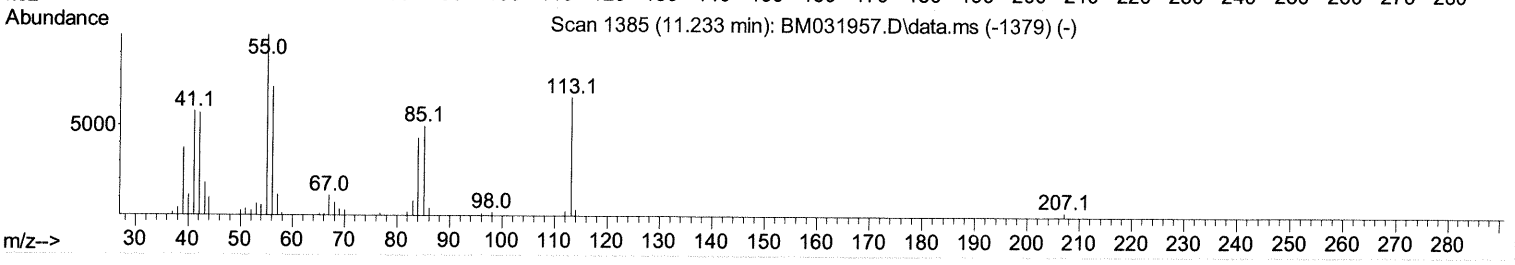

TIC: BM031969.D\data.ms

(34) Caprolactam

11.263min (+ 0.024) 6.13 ng/ul

response 14025

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	194.00	140.86#
56.00	127.40	112.15
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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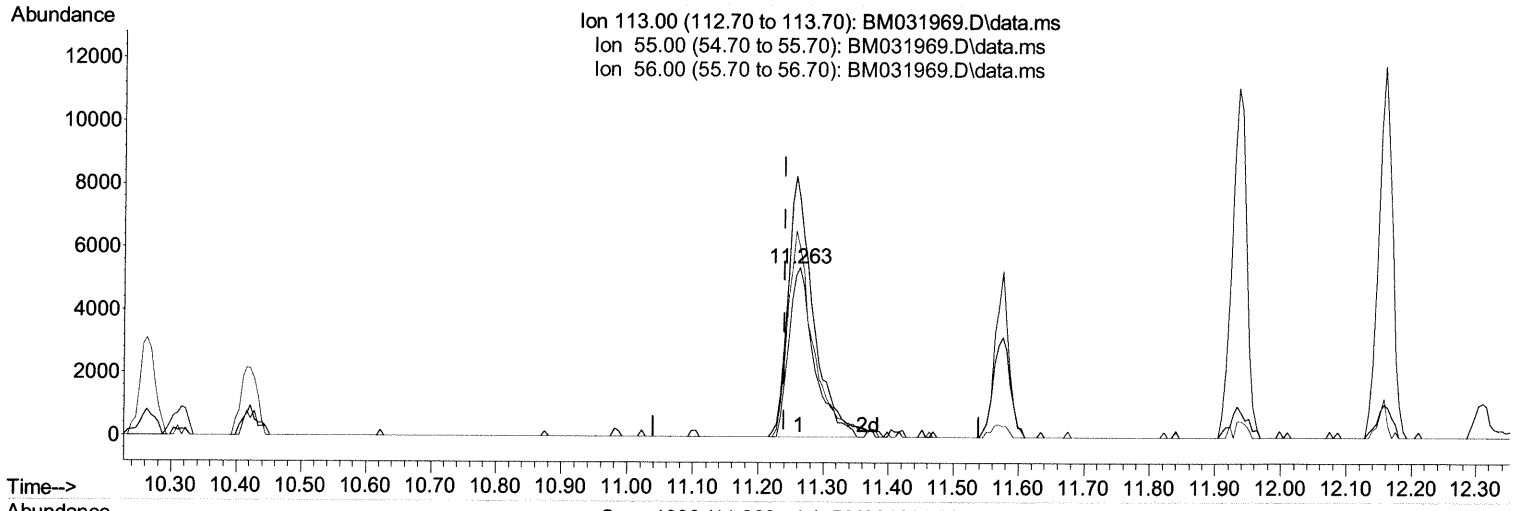

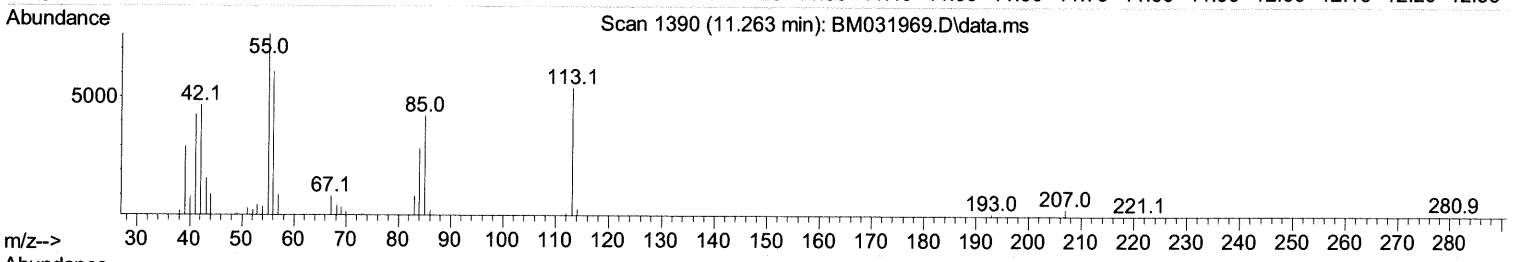

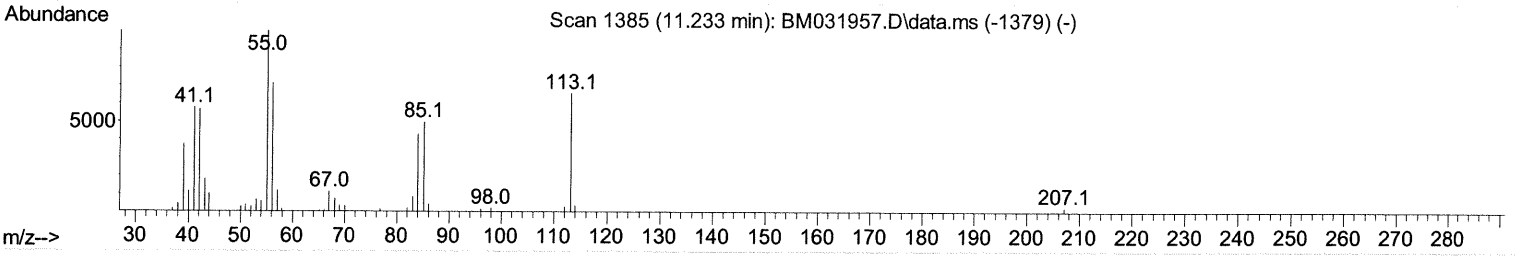

TIC: BM031969.D\data.ms

(34) Caprolactam

11.263min (+ 0.024) 6.34 ng/ul m 09/6/21 JU

response 14502

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	194.00	140.86#
56.00	127.40	112.15
0.00	0.00	0.00

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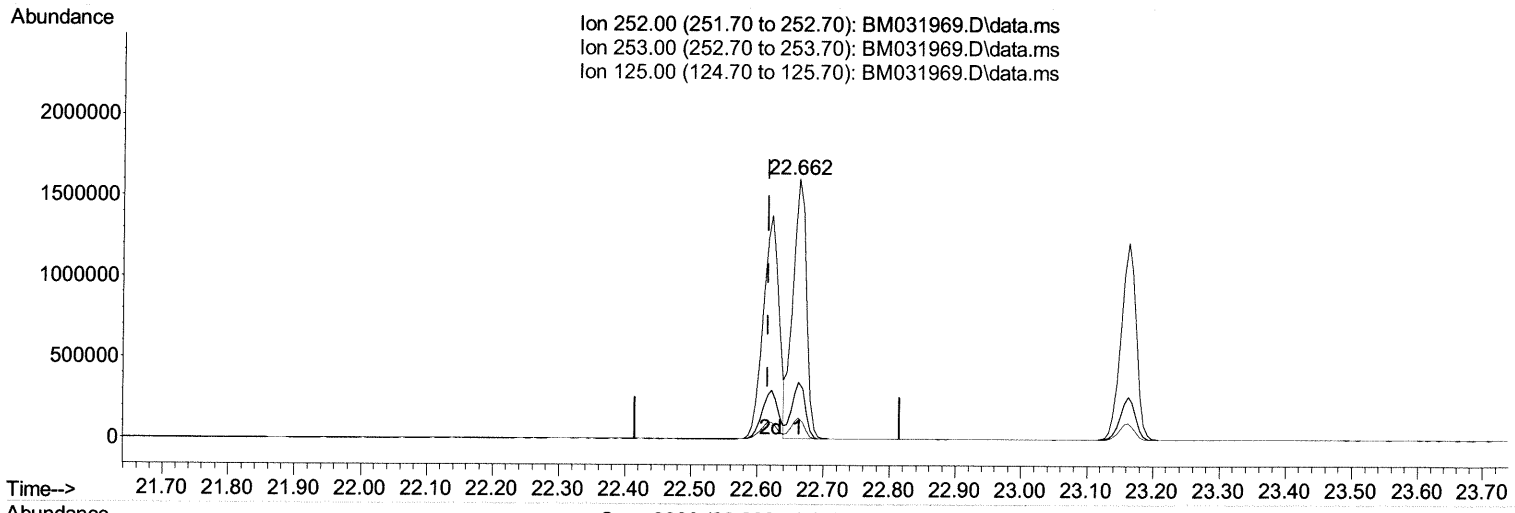

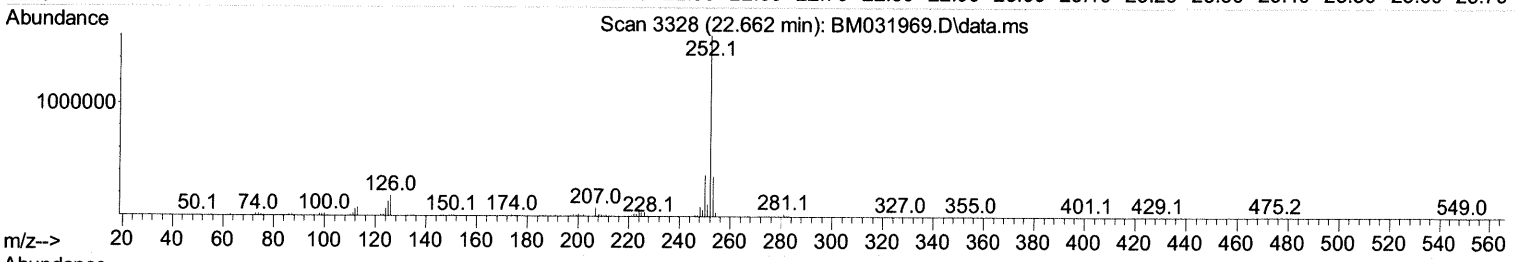

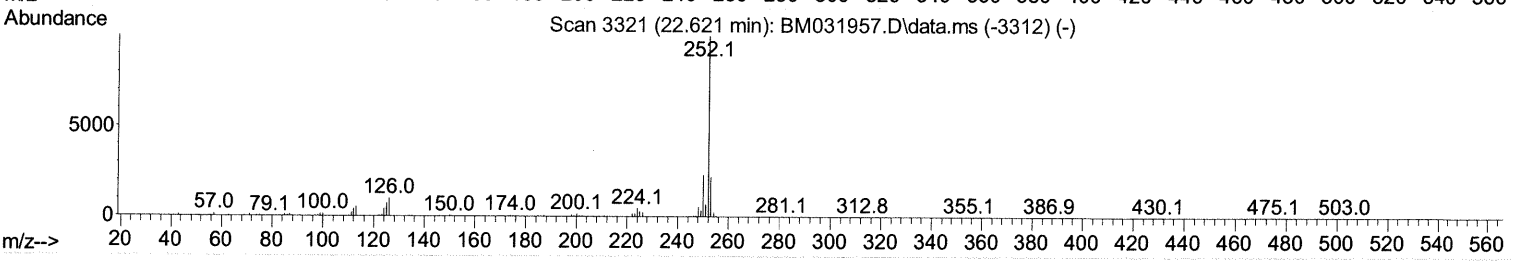

TIC: BM031969.D\data.ms

(90) Benzo(b)fluoranthene

22.662min (+ 0.047) 51.98 ng/ul

response 2300634

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	21.93
125.00	9.60	8.05
0.00	0.00	0.00

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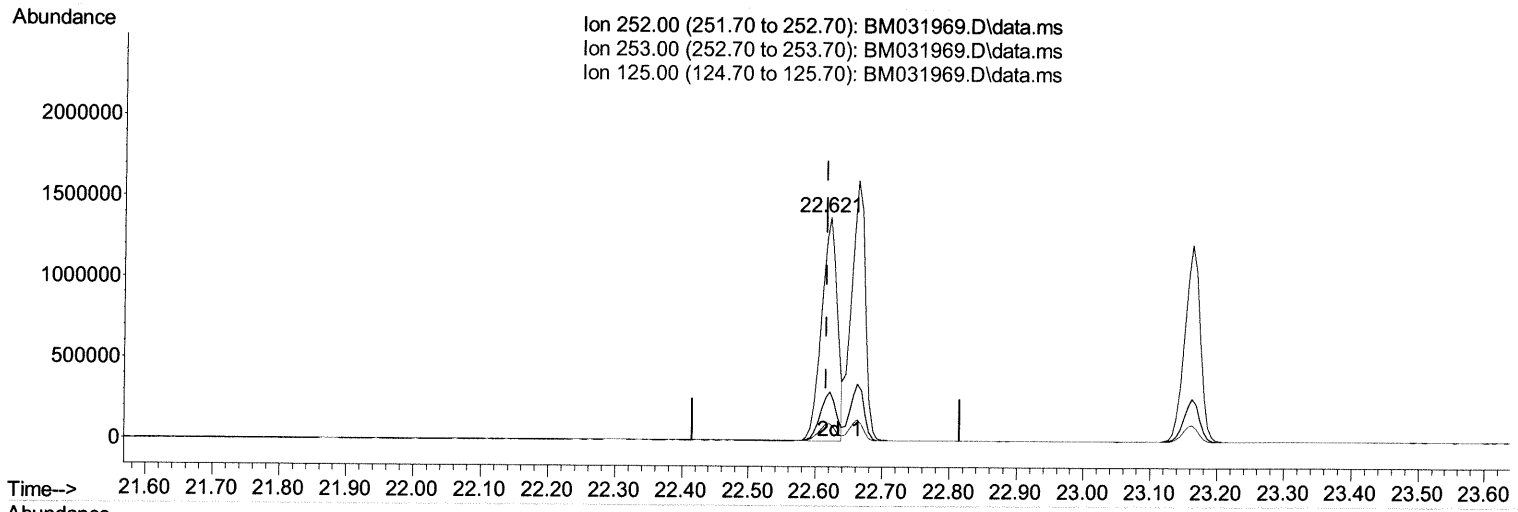

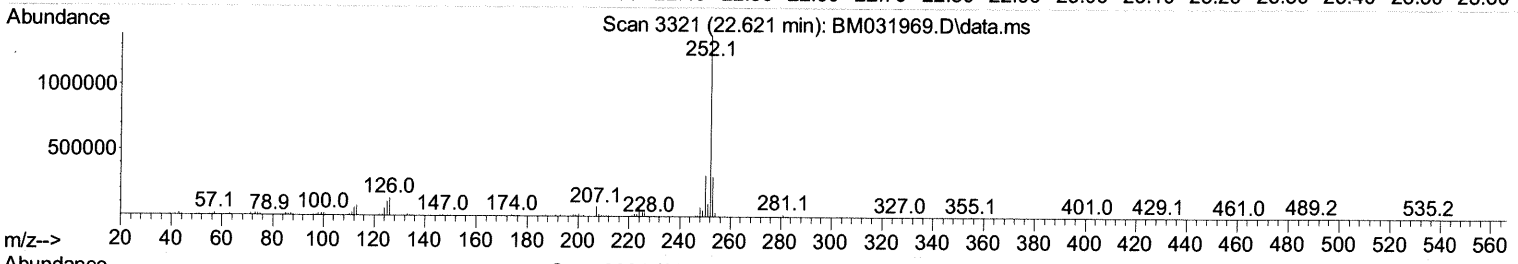

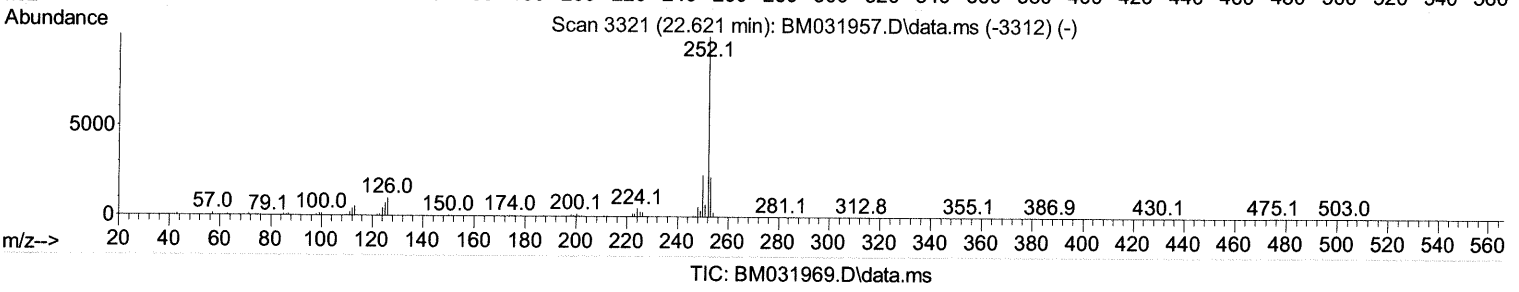

TIC: BM031969.D\data.ms

(90) Benzo(b)fluoranthene

22.621min (+ 0.006) 51.86 ng/ul m 09/01/21 JU

response 2295255

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	21.97
125.00	9.60	7.65#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	94284	20.000	ng/ul	0.00
20) Naphthalene-d8	10.263	136	418134	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.151	164	314995	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	695250	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.115	240	764438	20.000	ng/ul	# 0.00
88) Perylene-d12	23.250	264	694700	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	10797	5.284	ng/uL	0.00
4) Pyridine-d5	3.528	84	60711	10.462	ng/ul	0.00
7) Phenol-d5	6.704	99	48440	6.196	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	159442	35.247	ng/ul	0.00
11) 2-Chlorophenol-d4	7.046	132	150044	24.939	ng/ul	0.00
15) 4-Methylphenol-d8	8.222	113	98479	14.681	ng/ul	0.00
21) Nitrobenzene-d5	8.657	128	122259	40.256	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	119856	33.347	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.898	165	221408	30.703	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	299487	29.442	ng/ul	0.00
46) Dimethylphthalate-d6	13.580	166	1087116	45.610	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	1216560	43.099	ng/ul	0.00
54) 4-Nitrophenol-d4	14.392	143	31791	7.369	ng/ul	0.00
60) Fluorene-d10	15.151	176	938405	44.788	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	178517	37.368	ng/ul	0.00
73) Anthracene-d10	17.010	188	1575002	47.727	ng/ul	0.00
81) Pyrene-d10	19.310	212	1828206	51.059	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.121	264	1765660	48.360	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.164	88	11194	4.544	ng/uL	91
5) Pyridine	3.546	79	66203	11.097	ng/ul	94
6) Benzaldehyde	6.675	77	188361	53.218	ng/ul	96
8) Phenol	6.734	94	52992	6.736	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.957	93	219158	36.574	ng/ul	90
12) 2-Chlorophenol	7.081	128	153967	25.628	ng/ul	95
13) 2-Methylphenol	7.957	108	109653	18.077	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.040	45	280702m >	36.047	ng/ul >	09/01/2021
16) Acetophenone	8.328	105	388363	36.967	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.316	70	200484	39.116	ng/ul	94
18) 4-Methylphenol	8.287	108	103004	15.291	ng/ul	97
19) Hexachloroethane	8.557	117	98576	38.303	ng/ul	86
22) Nitrobenzene	8.704	77	298737	38.963	ng/ul	98
23) Isophorone	9.228	82	564121	39.976	ng/ul#	96
25) 2-Nitrophenol	9.398	139	126196	33.705	ng/ul#	95
26) 2,4-Dimethylphenol	9.469	107	150587	19.758	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.704	93	327917	39.201	ng/ul	99
29) 2,4-Dichlorophenol	9.928	162	216674	31.589	ng/ul	97
30) Naphthalene	10.316	128	801189	38.275	ng/ul	99
32) 4-Chloroaniline	10.445	127	296467	29.217	ng/ul	99
33) Hexachlorobutadiene	10.587	225	174788	38.412	ng/ul	99
34) Caprolactam	11.263	113	14502m >	6.343	ng/ul >	09/01/2021
35) 4-Chloro-3-methylphenol	11.575	107	220557	30.662	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.934	142	651703	39.487	ng/ul	99
37) 1-Methylnaphthalene	12.157	142	633436	37.681	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.310	216	371710	41.109	ng/ul	99
40) Hexachlorocyclopentadiene	12.281	237	155783	32.009	ng/ul	100
41) 2,4,6-Trichlorophenol	12.563	196	229998	37.969	ng/ul	98
42) 2,4,5-Trichlorophenol	12.639	196	255010	38.766	ng/ul	98
43) 1,1'-Biphenyl	12.975	154	909303	41.039	ng/ul	97
44) 2-Chloronaphthalene	13.010	162	722410	41.154	ng/ul	99
45) 2-Nitroaniline	13.239	65	231442	47.857	ng/ul	98
47) Dimethylphthalate	13.628	163	1083611	46.301	ng/ul	99
48) 2,6-Dinitrotoluene	13.751	165	232891	50.441	ng/ul	97
50) Acenaphthylene	13.869	152	1124020	43.276	ng/ul	99
51) 3-Nitroaniline	14.080	138	195261	45.191	ng/ul	94
52) Acenaphthene	14.216	153	812075	43.050	ng/ul	99
53) 2,4-Dinitrophenol	14.298	184	115701	35.840	ng/ul	93
55) 4-Nitrophenol	14.410	109	30633	7.691	ng/ul	84
56) Dibenzofuran	14.551	168	1230789	44.242	ng/ul	97
57) 2,4-Dinitrotoluene	14.551	165	352827	50.950	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	14.786	232	242968	41.144	ng/ul#	100
59) Diethylphthalate	15.004	149	1160334	48.509	ng/ul	98
61) Fluorene	15.210	166	1099301	46.702	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.210	204	554349	45.984	ng/ul	100
63) 4-Nitroaniline	15.257	138	202716	52.376	ng/ul#	82
66) 4,6-Dinitro-2-methylph...	15.316	198	174241	37.510	ng/ul#	99
67) N-Nitrosodiphenylamine	15.433	169	968950	48.530	ng/ul	98
68) 4-Bromophenyl-phenylether	16.104	248	349943	49.117	ng/ul	97
69) Hexachlorobenzene	16.210	284	409785	49.538	ng/ul	96
70) Atrazine	16.404	200	383260	50.947	ng/ul	98
71) Pentachlorophenol	16.563	266	212751	39.330	ng/ul	97
72) Phenanthrene	16.951	178	1822342	47.991	ng/ul	99
74) Anthracene	17.045	178	1879329	48.359	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.928	216	380680	42.076	ng/uL	98
76) Pentachlorobenzene	14.469	250	426850	44.972	ng/uL	99
77) Carbazole	17.321	167	1686731	47.423	ng/ul	99
78) Di-n-butylphthalate	17.892	149	2176170	53.394	ng/ul	99
80) Fluoranthene	18.974	202	2262939	52.012	ng/ul#	94
82) Pyrene	19.339	202	2351384	51.046	ng/ul	95
83) Butylbenzylphthalate	20.262	149	1043080	57.669	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.039	252	429577	24.961	ng/ul	98
85) Benzo(a)anthracene	21.098	228	2313834	48.660	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.045	149	1637482	56.135	ng/ul#	96
87) Chrysene	21.151	228	2226148	48.673	ng/ul	99
89) Di-n-octyl phthalate	21.898	149	2797460	59.025	ng/ul	100
90) Benzo(b)fluoranthene	22.621	252	2295255m	51.857	ng/ul	04/01/21 JU
91) Benzo(k)fluoranthene	22.662	252	2300634	53.691	ng/ul	98
93) Benzo(a)pyrene	23.162	252	1966510	49.202	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.368	276	2177541	42.568	ng/ul	96
95) Dibenzo(a,h)anthracene	25.374	278	1878454	43.663	ng/ul	97
96) Benzo(g,h,i)perylene	26.003	276	1723900	40.697	ng/ul	96

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