Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072521\
Data File : BG049452.D
Acq On : 24 Jul 2021 15:23
Operator : CG/JU
Sample : M2995-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 25 07:21:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 24 06:15:51 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
JLX86MS

Manual Integrations APPROVED
mohammad
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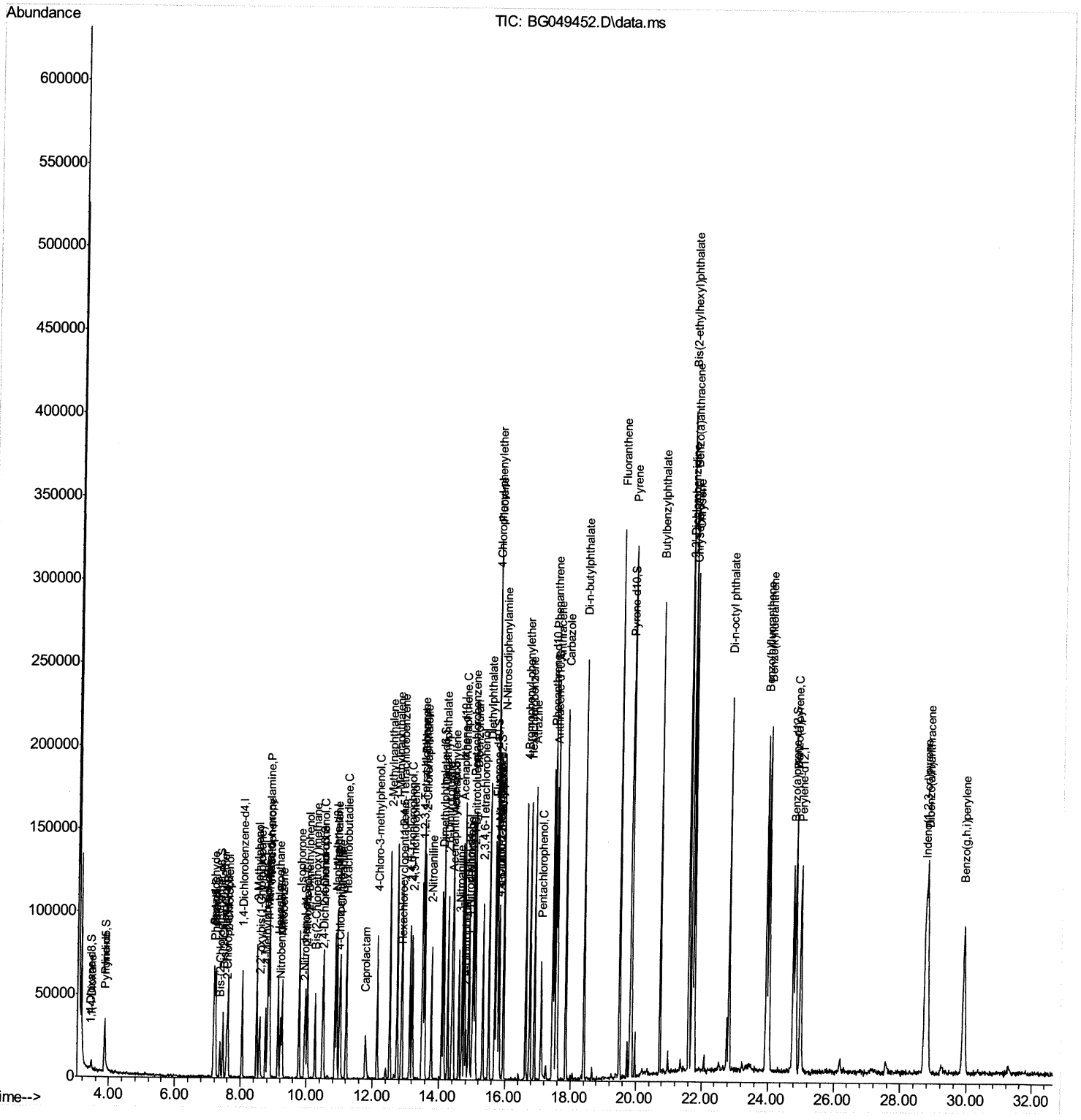

Quantitation Report (Qedit)

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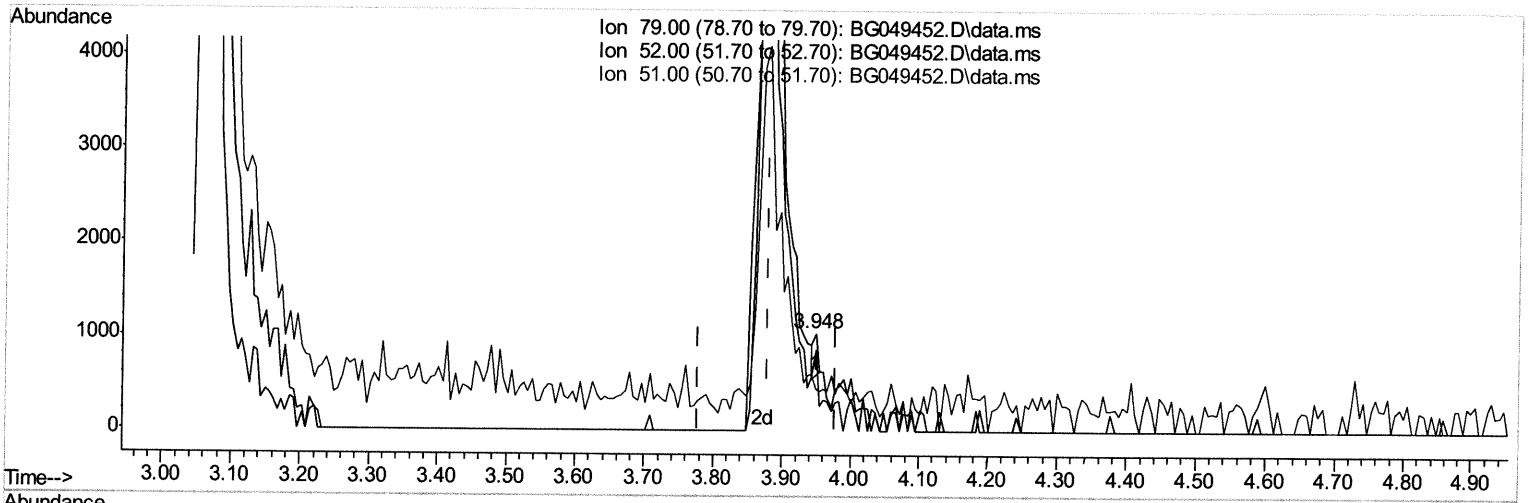

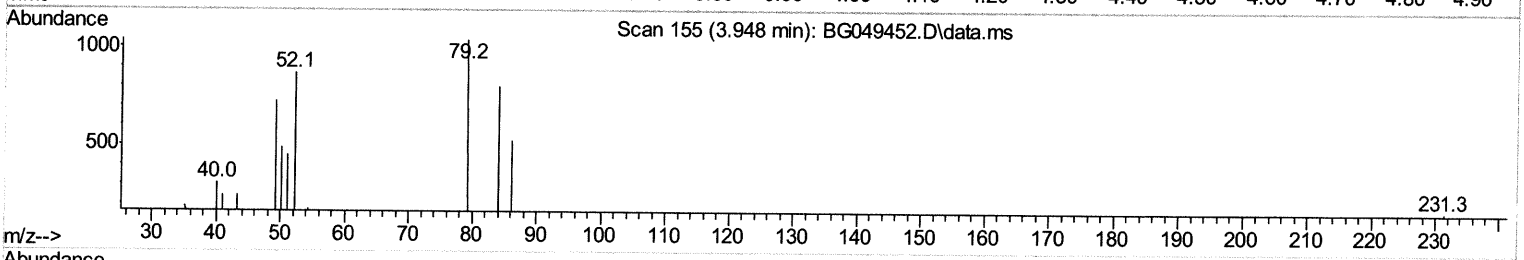

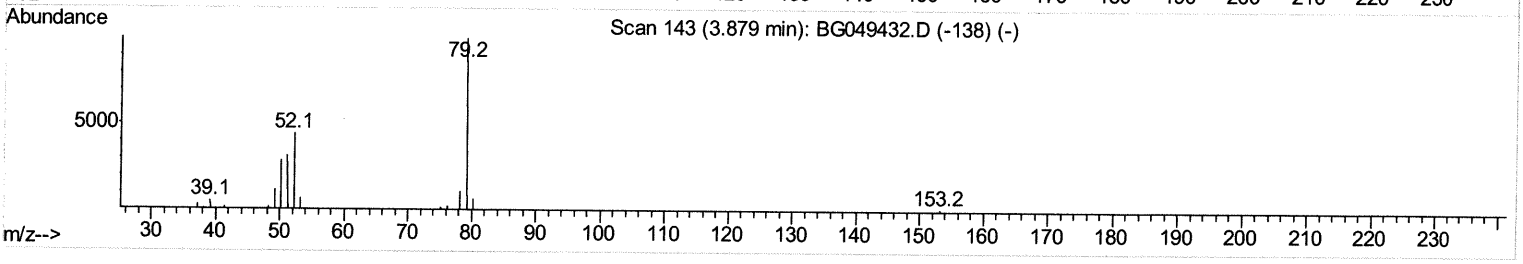

TIC: BG049452.D\data.ms

(5) Pyridine

3.948min (+ 0.070) 0.15 ng/ul

response 172

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	71.80	83.54
51.00	36.10	43.12
0.00	0.00	0.00

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Manual Integrations APPROVED
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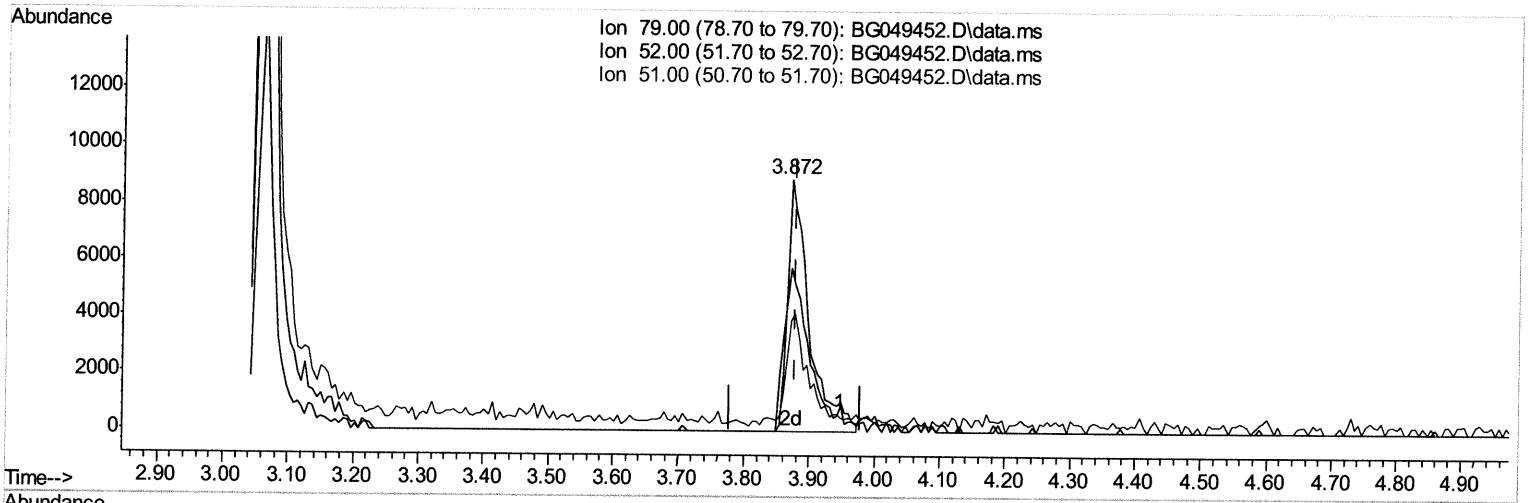

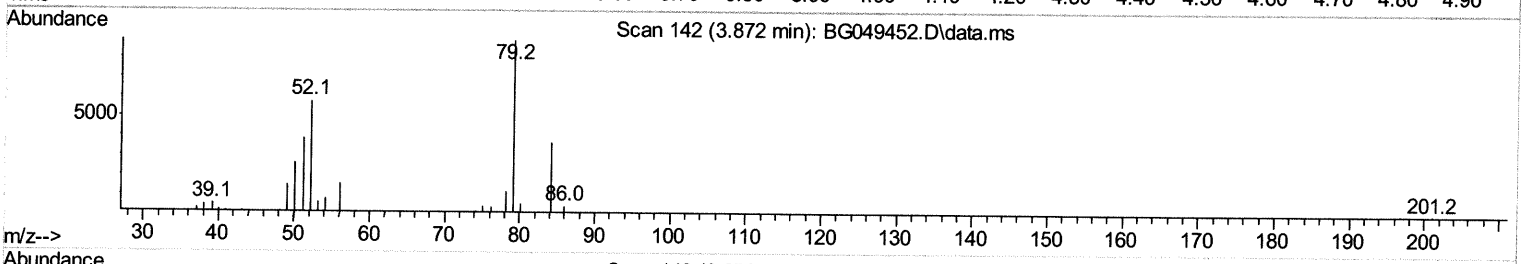

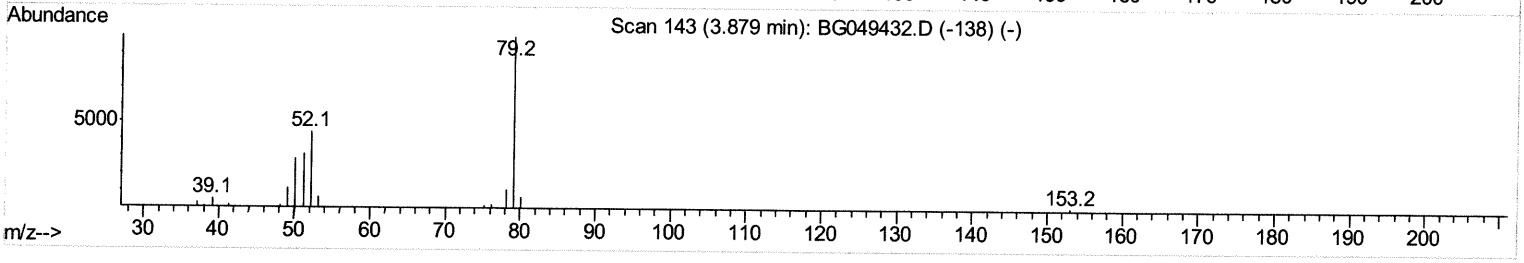

TIC: BG049452.D\data.ms

(5) Pyridine

3.872min (-0.007) 17.24 ng/ul m 07/27/21 JU

response 20089

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	71.80	64.93
51.00	36.10	43.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
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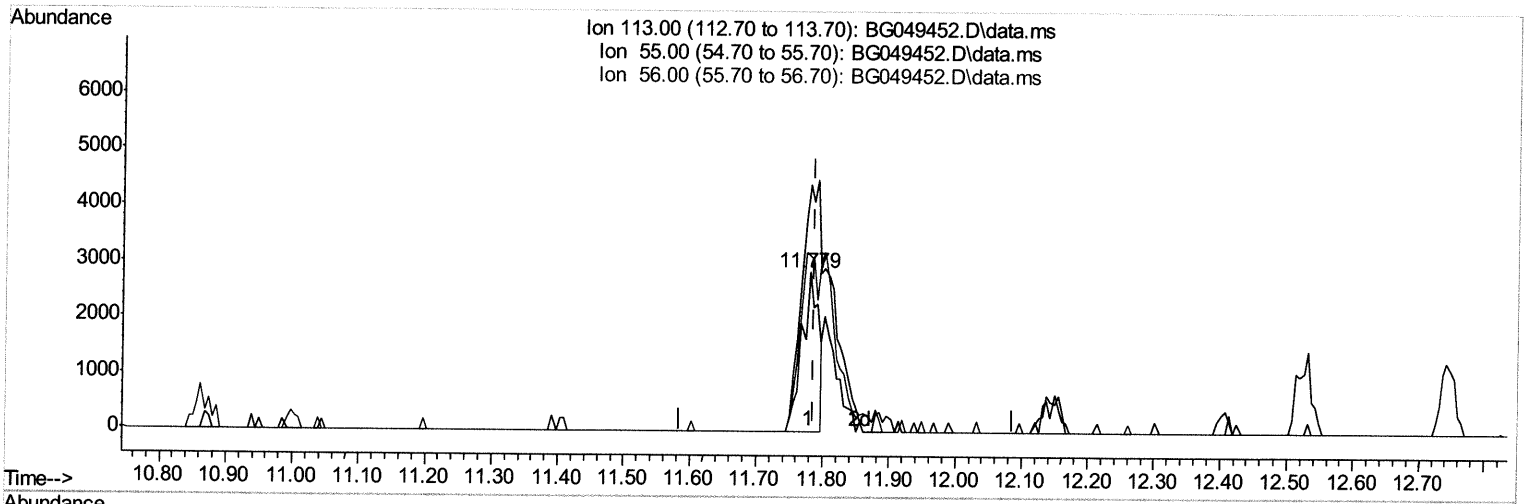

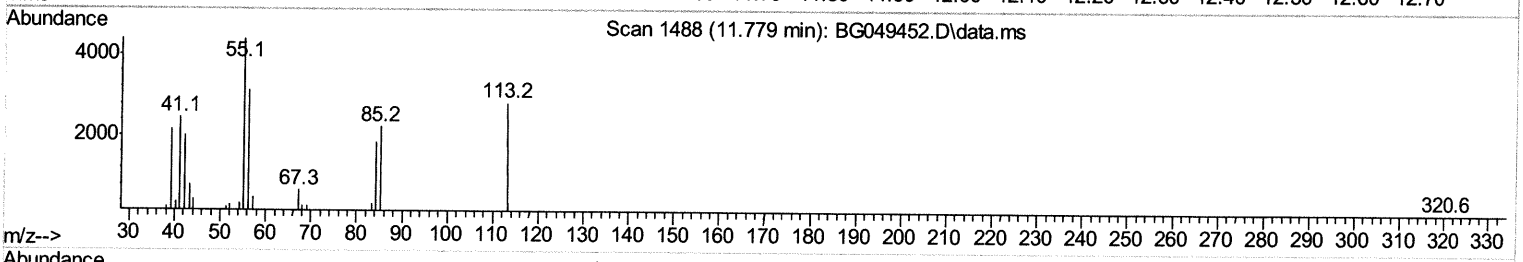

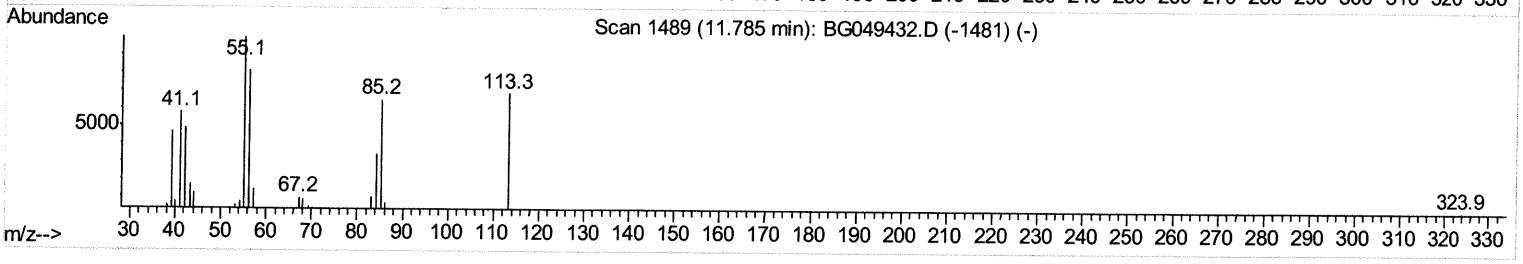

TIC: BG049452.D\data.ms

(34) Caprolactam

11.779min (-0.007) 13.05 ng/ul

response 4899

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	145.70	155.29
56.00	118.80	110.33
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
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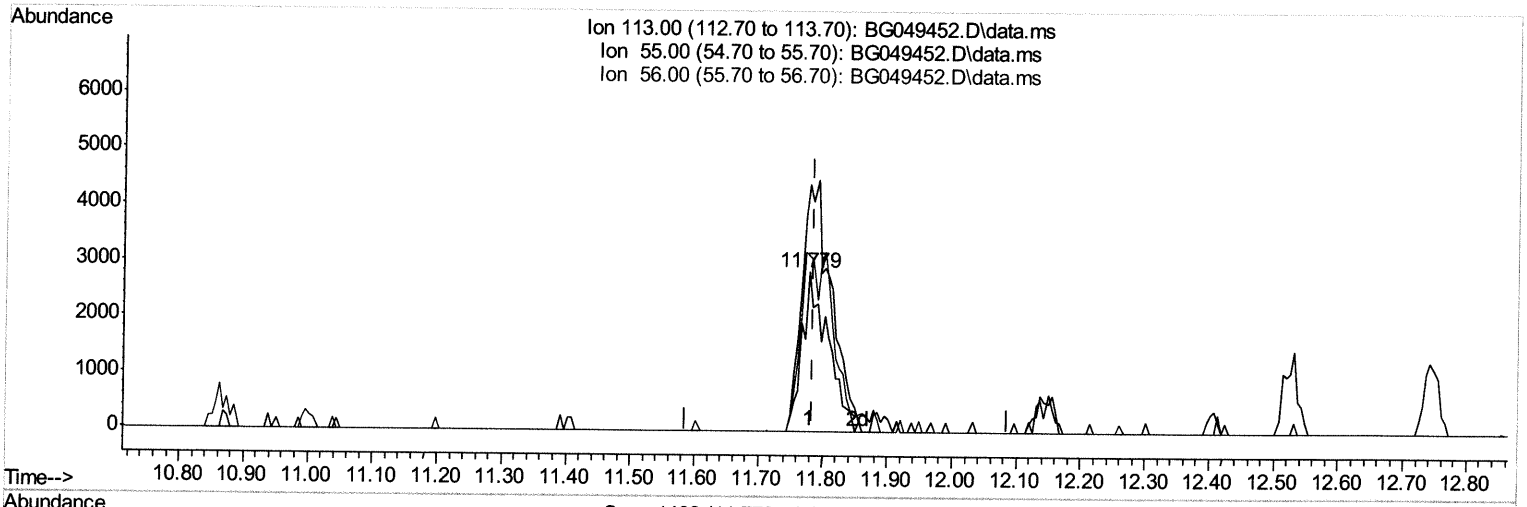

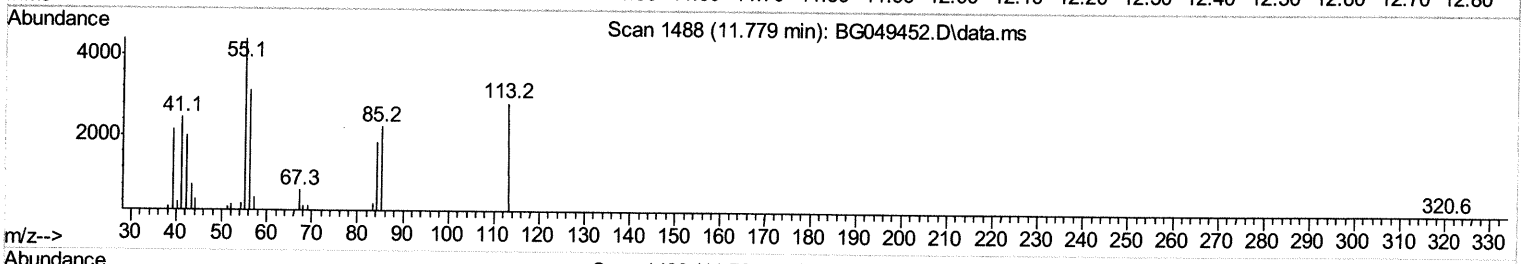

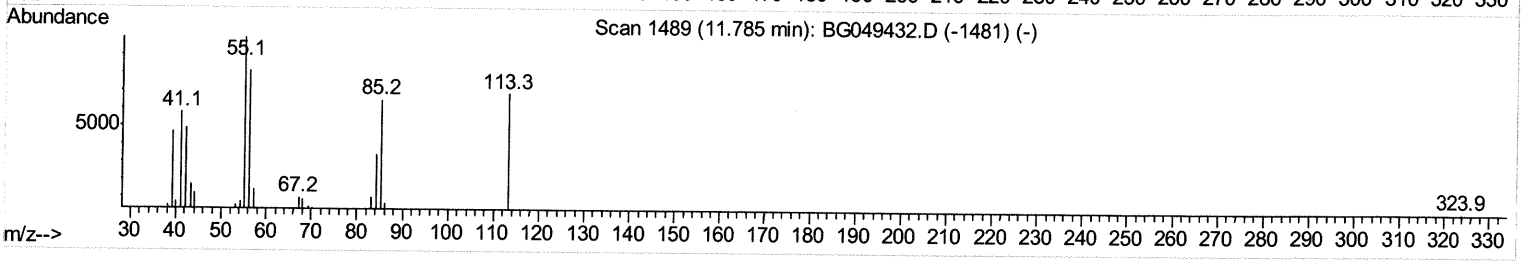

TIC: BG049452.D\data.ms

(34) Caprolactam

11.779min (-0.007) 20.89 ng/ul m 07/27/21 JU

response 7845

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	145.70	155.29
56.00	118.80	110.33
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
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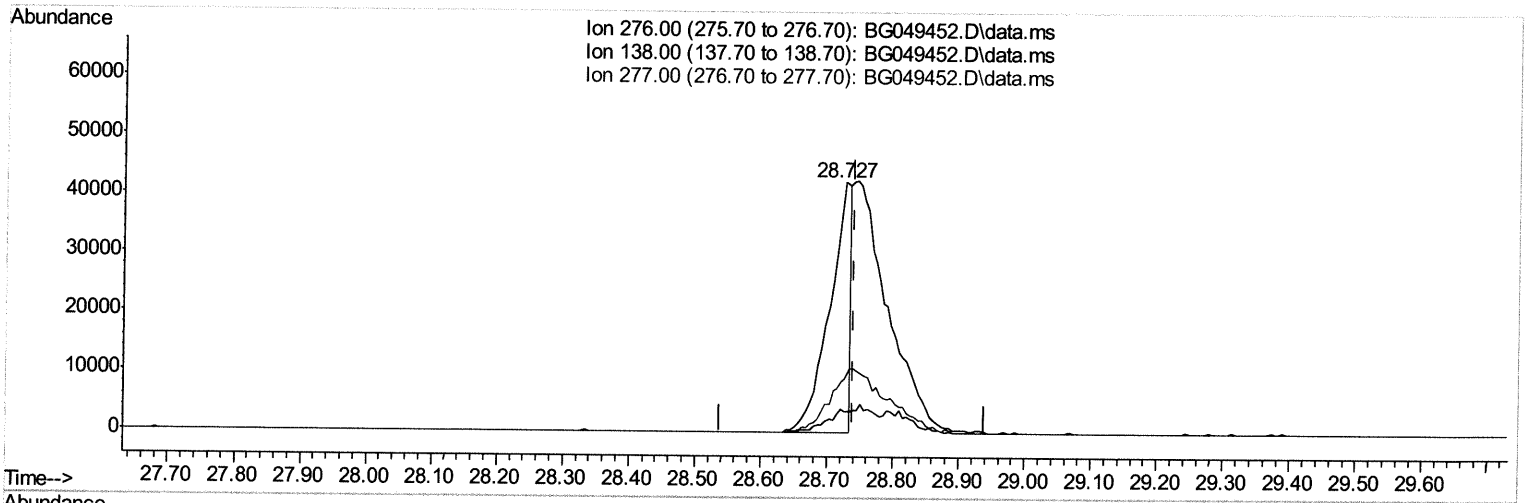

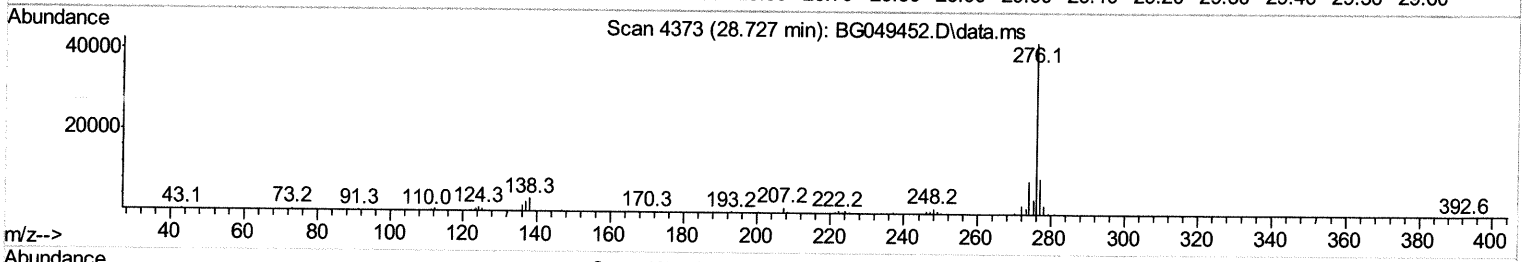

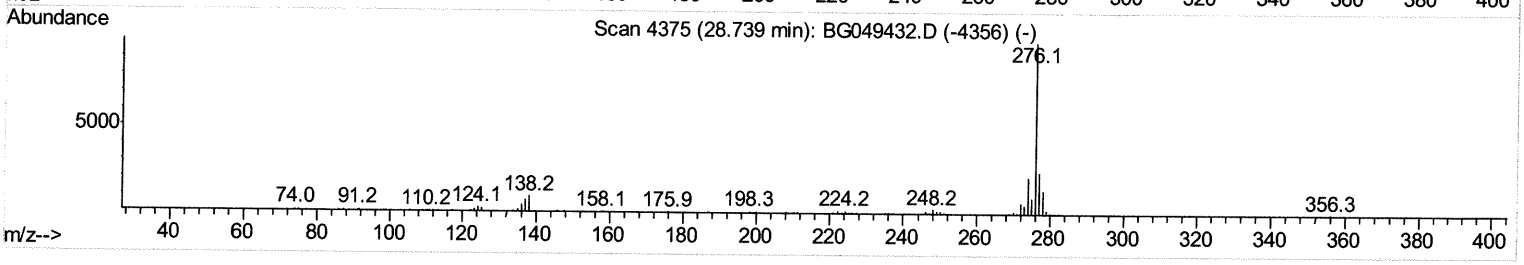

TIC: BG049452.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.727min (-0.012) 9.66 ng/ul

response 92483

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.10	8.05
277.00	24.00	21.32
0.00	0.00	0.00

Quantitation Report (Qedit)

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ALS Vial : 8 Sample Multiplier: 1

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BNA_G
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Manual Integrations APPROVED
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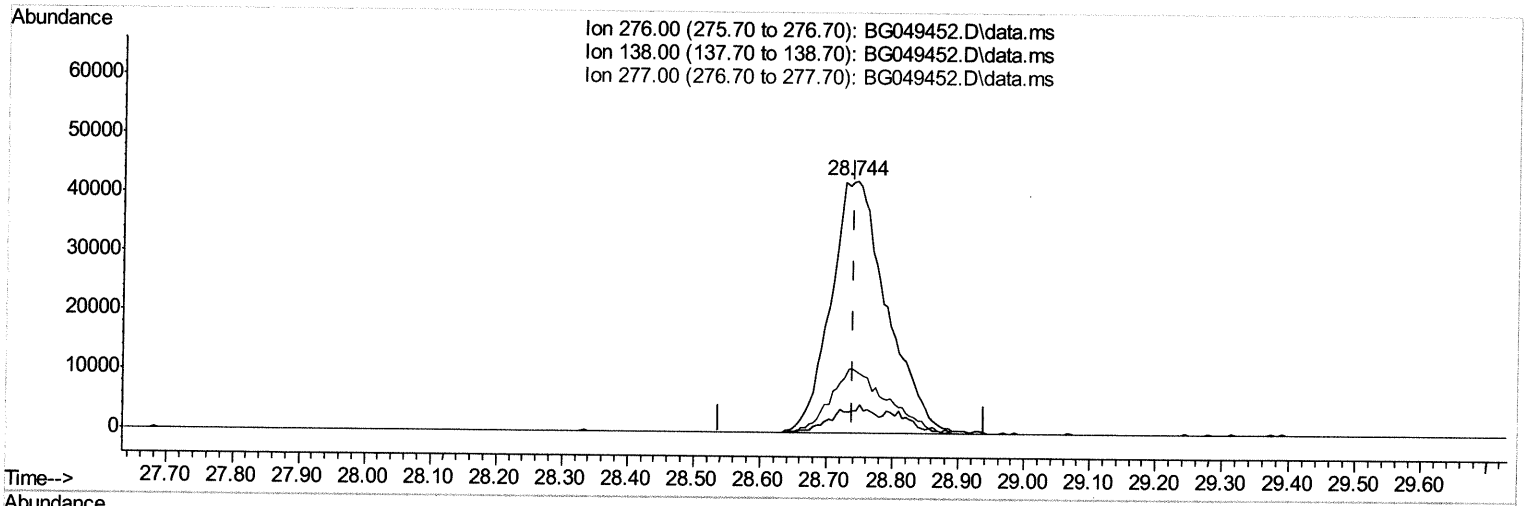

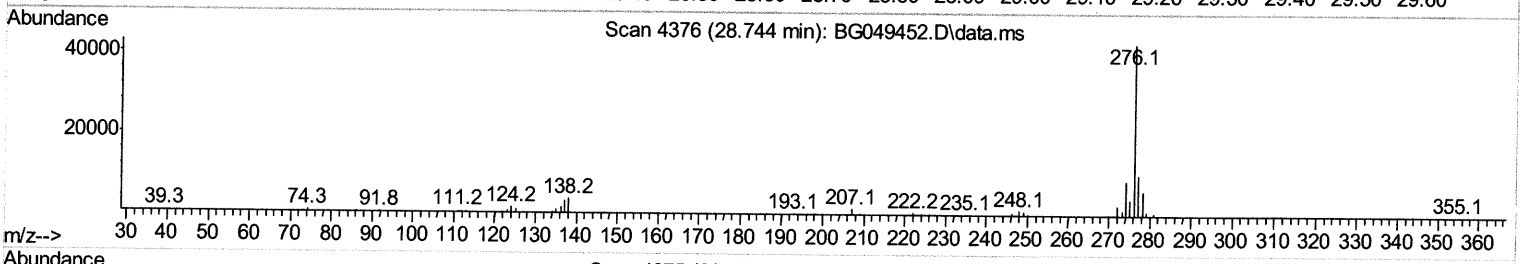

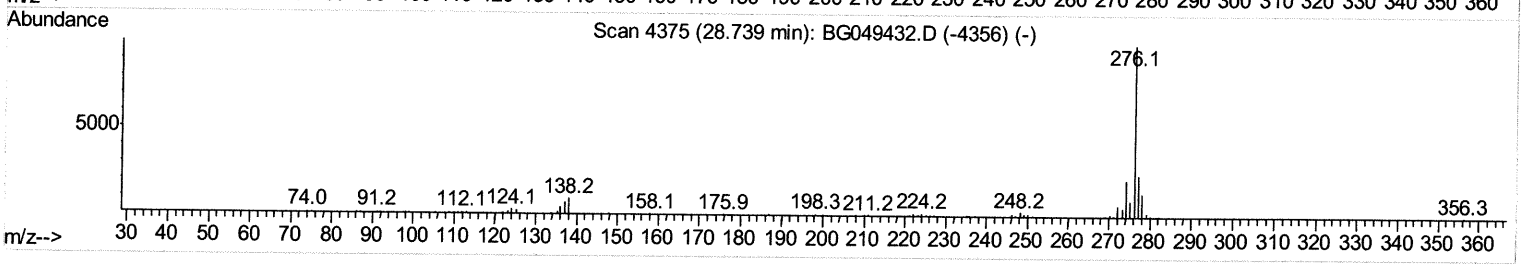

TIC: BG049452.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.744min (+ 0.005) 26.18 ng/ul m 07/27/21 JU

response 250703

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.10	8.71
277.00	24.00	24.12
0.00	0.00	0.00

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ClientSampleId : JLX86MS

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.049	152	17347	20.00	ng/ul	0.00
20) Naphthalene-d8	10.868	136	68928	20.00	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	49014	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	114760	20.00	ng/ul	0.00
79) Chrysene-d12	21.724	240	127473	20.00	ng/ul	0.00
88) Perylene-d12	25.002	264	138012	20.00	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.431	96	519	1.37	ng/uL	0.00
4) Pyridine-d5	3.860	84	7699	7.07	ng/ul	0.00
7) Phenol-d5	7.197	99	17405	11.34	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.367	67	11037	12.70	ng/ul	0.00
11) 2-Chlorophenol-d4	7.573	132	13371	12.15	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	15188	13.13	ng/ul	0.00
21) Nitrobenzene-d5	9.212	128	7367	13.90	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	8231	13.25	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	16125	14.28	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	20296	12.89	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166	67617	18.01	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	70583	16.19	ng/ul	0.00
54) 4-Nitrophenol-d4	14.886	143	10388	16.80	ng/ul	0.00
60) Fluorene-d10	15.685	176	55990	17.31	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.803	200	11883	16.71	ng/ul	0.00
73) Anthracene-d10	17.542	188	100506	18.84	ng/ul	0.00
81) Pyrene-d10	19.833	212	133250	20.44	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.773	264	141777	19.55	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.461	88	3226	6.22	ng/uL#	83
5) Pyridine	3.872	79	20089m	> 17.24	ng/ul	> 07/27/21 JU
6) Benzaldehyde	7.179	77	22887	24.99	ng/ul	93
8) Phenol	7.226	94	31693	21.14	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.461	93	23343	22.60	ng/ul	98
12) 2-Chlorophenol	7.608	128	22820	21.55	ng/ul	93
13) 2-Methylphenol	8.489	108	25893	22.66	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.577	45	26081	21.55	ng/ul#	87
16) Acetophenone	8.871	105	43692	23.47	ng/ul#	94
17) N-Nitroso-di-n-propyla...	8.853	70	22331	23.26	ng/ul#	94
18) 4-Methylphenol	8.818	108	25534	21.24	ng/ul	98
19) Hexachloroethane	9.135	117	11704	24.53	ng/ul	88
22) Nitrobenzene	9.253	77	36279	22.93	ng/ul	95
23) Isophorone	9.782	82	62603	23.61	ng/ul	99
25) 2-Nitrophenol	9.975	139	14394	24.63	ng/ul#	84
26) 2,4-Dimethylphenol	10.028	107	26067	18.72	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.263	93	30260	22.88	ng/ul	93
29) 2,4-Dichlorophenol	10.510	162	24189	21.91	ng/ul	92
30) Naphthalene	10.915	128	82132	23.13	ng/ul	96
32) 4-Chloroaniline	11.027	127	30560	20.41	ng/ul	93
33) Hexachlorobutadiene	11.197	225	19285	22.85	ng/ul	92
34) Caprolactam	11.779	113	7845m	> 20.89	ng/ul	> 07/27/21 JU
35) 4-Chloro-3-methylphenol	12.143	107	30935	24.90	ng/ul	97
36) 2-Methylnaphthalene	12.525	142	62363	24.00	ng/ul	96
37) 1-Methylnaphthalene	12.742	142	59001	22.47	ng/ul	91

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.889	216	33831	23.22 ng/ul	88
40) Hexachlorocyclopentadiene	12.866	237	12794	14.58 ng/ul	97
41) 2,4,6-Trichlorophenol	13.130	196	21383	23.89 ng/ul#	77
42) 2,4,5-Trichlorophenol	13.200	196	22589	23.63 ng/ul	94
43) 1,1'-Biphenyl	13.529	154	80175	22.97 ng/ul	98
44) 2-Chloronaphthalene	13.571	162	61441	22.62 ng/ul	98
45) 2-Nitroaniline	13.776	65	24537	25.46 ng/ul	91
47) Dimethylphthalate	14.140	163	88719	24.30 ng/ul#	99
48) 2,6-Dinitrotoluene	14.264	165	17642	24.21 ng/ul	92
50) Acenaphthylene	14.422	152	97239	23.35 ng/ul#	91
51) 3-Nitroaniline	14.599	138	17328	23.84 ng/ul	99
52) Acenaphthene	14.757	153	69735	23.35 ng/ul	93
53) 2,4-Dinitrophenol	14.804	184	7855	21.64 ng/ul#	64
55) 4-Nitrophenol	14.904	109	20035	23.90 ng/ul	96
56) Dibenzofuran	15.092	168	97683	24.22 ng/ul	97
57) 2,4-Dinitrotoluene	15.051	165	28182	27.28 ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.321	232	20306	23.40 ng/ul	94
59) Diethylphthalate	15.503	149	92559	24.49 ng/ul#	93
61) Fluorene	15.744	166	82735	24.16 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.732	204	43286	24.29 ng/ul#	85
63) 4-Nitroaniline	15.762	138	18684	25.93 ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.820	198	15618	23.86 ng/ul#	88
67) N-Nitrosodiphenylamine	15.944	169	71941	23.92 ng/ul	97
68) 4-Bromophenyl-phenylether	16.631	248	30964	24.23 ng/ul	91
69) Hexachlorobenzene	16.749	284	34166	23.63 ng/ul	95
70) Atrazine	16.895	200	34619	25.20 ng/ul	97
71) Pentachlorophenol	17.095	266	14709	21.97 ng/ul#	85
72) Phenanthrene	17.489	178	147996	24.77 ng/ul	97
74) Anthracene	17.577	178	147926	24.43 ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.494	216	34800	22.32 ng/uL	93
76) Pentachlorobenzene	15.016	250	38663	23.43 ng/uL	95
77) Carbazole	17.847	167	138051	25.51 ng/ul	99
78) Di-n-butylphthalate	18.399	149	172085	25.57 ng/ul#	98
80) Fluoranthene	19.498	202	202160	25.54 ng/ul	98
82) Pyrene	19.862	202	202357	25.75 ng/ul	98
83) Butylbenzylphthalate	20.737	149	78773	25.75 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.619	252	66502	22.70 ng/ul	95
85) Benzo(a)anthracene	21.707	228	200941	25.78 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.607	149	117586	25.90 ng/ul	98
87) Chrysene	21.771	228	192713	25.83 ng/ul	98
89) Di-n-octyl phthalate	22.834	149	198146	24.42 ng/ul	100
90) Benzo(b)fluoranthene	23.957	252	217930	25.19 ng/ul	99
91) Benzo(k)fluoranthene	24.027	252	207213	24.48 ng/ul	98
93) Benzo(a)pyrene	24.849	252	190841	25.43 ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	28.744	276	250703m	26.18 ng/ul	95
95) Dibenzo(a,h)anthracene	28.809	278	200289	25.28 ng/ul#	95
96) Benzo(g,h,i)perylene	29.907	276	196722	24.71 ng/ul#	92

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