

(QT Reviewed)

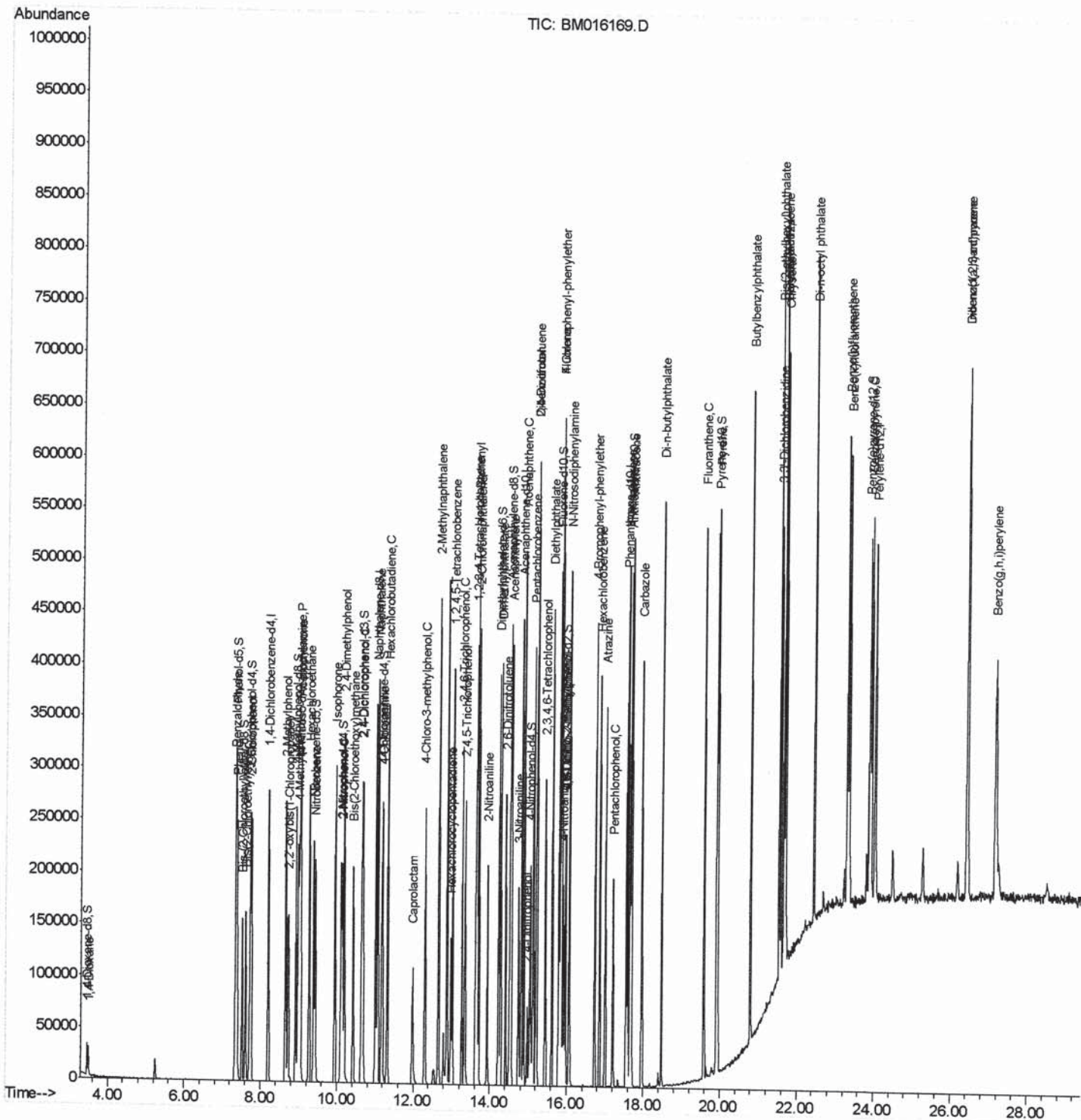
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Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080218\  
Data File : BM016169.D  
Acq On : 02 Aug 2018 23:53  
Operator : SJ/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1
```

Instrument :
BNA_M
LabSampleId :
SSTD02056

Manual Integrations
APPROVED

Sohil
8/3/2018 5:56:13 PM

Quant Time: Aug 03 02:27:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 03 01:12:01 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

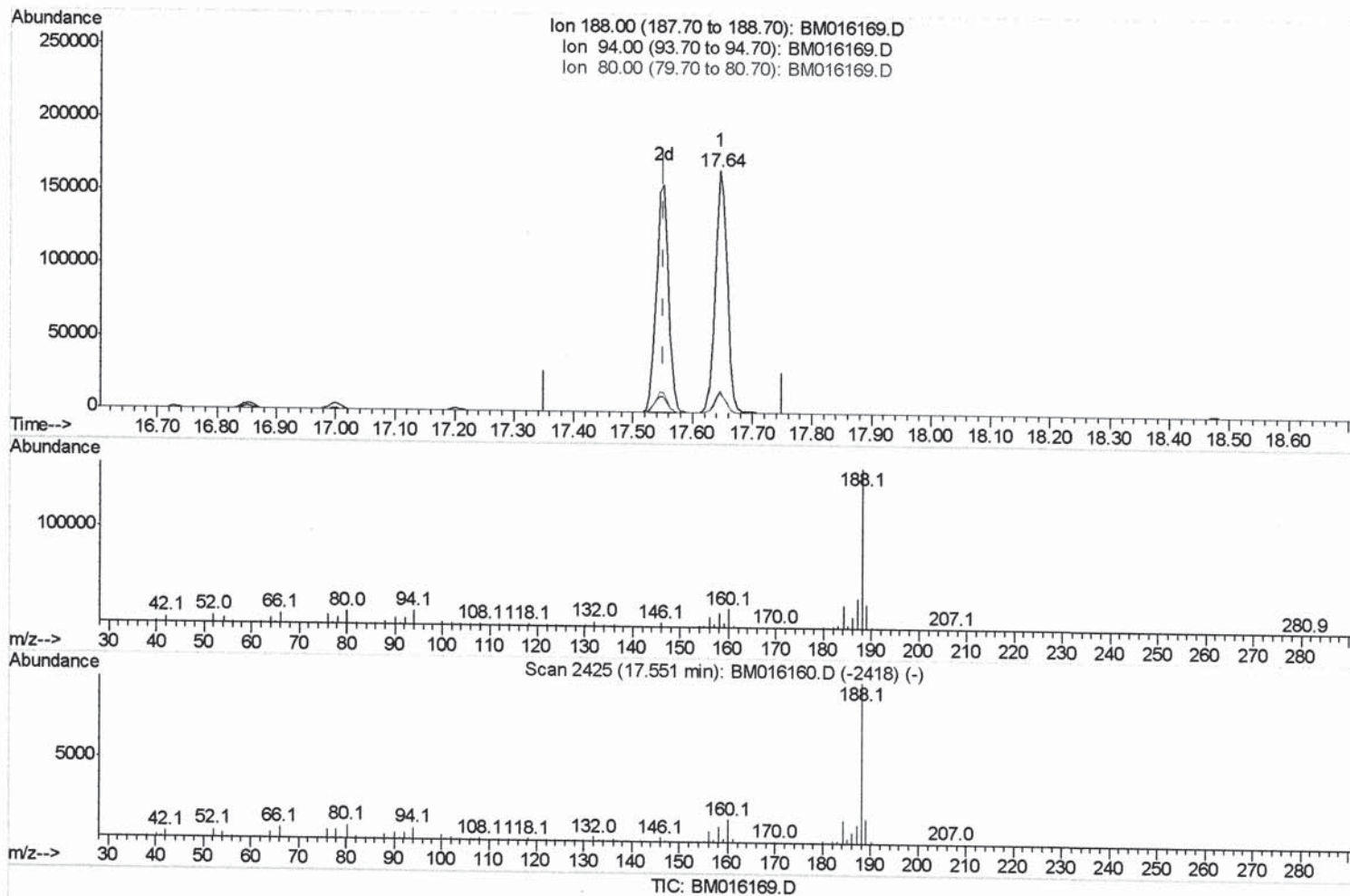
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8/3/2018 5:56:13 PM

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(61) Phenanthrene-d10 (I)

17.645min (+0.094) 20.00ng/ul

response 229724

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	8.96
80.00	9.70	8.18
0.00	0.00	0.00

Quantitation Report (Qedit)

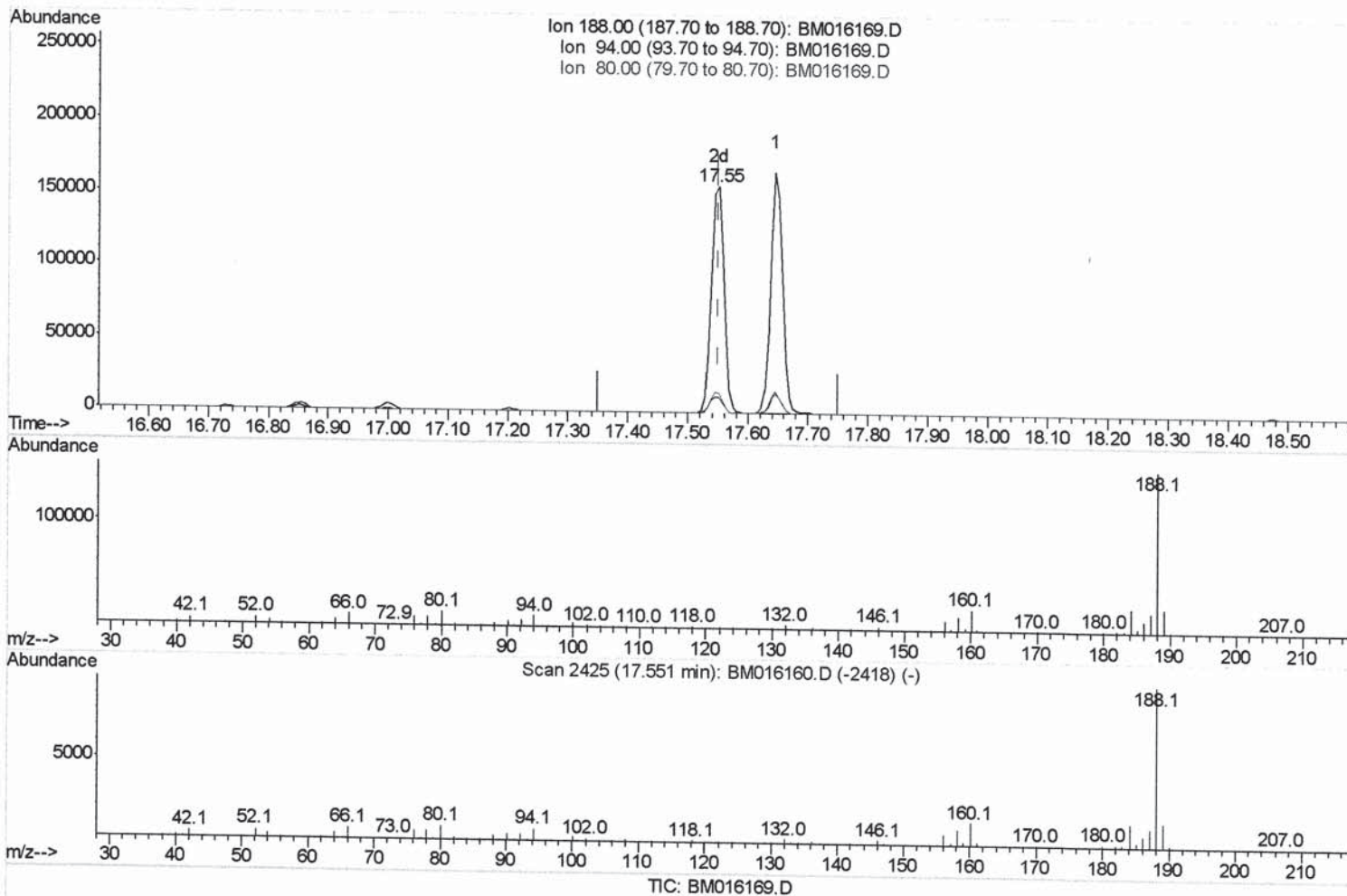
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(61) Phenanthrene-d10 (I)

17.551min (-0.000) 20.00ng/ul m

response 225893

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	6.81#
80.00	9.70	8.93
0.00	0.00	0.00

SJ 8/6/18

Quantitation Report (Qedit)

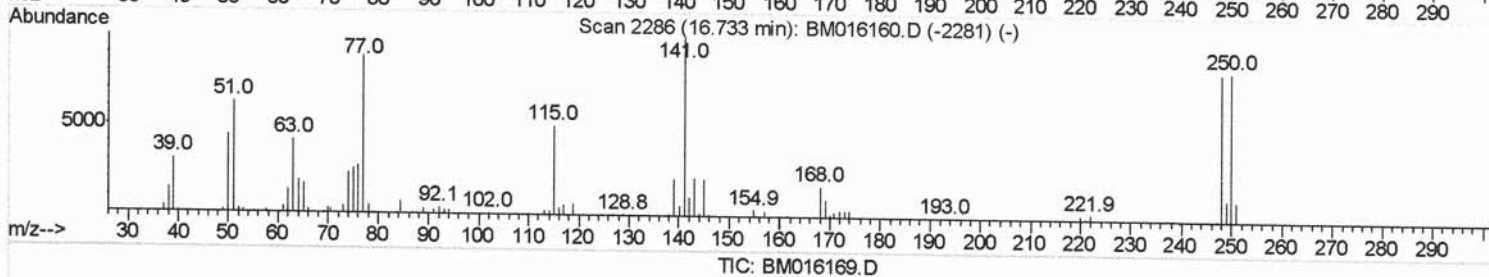
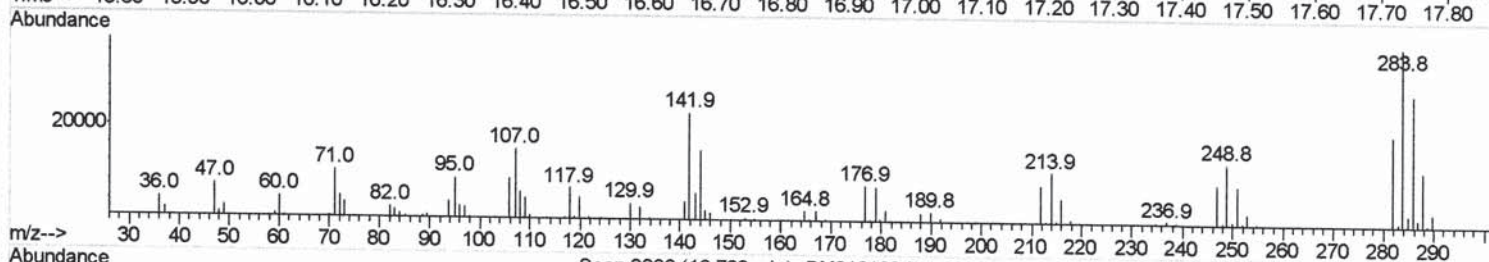
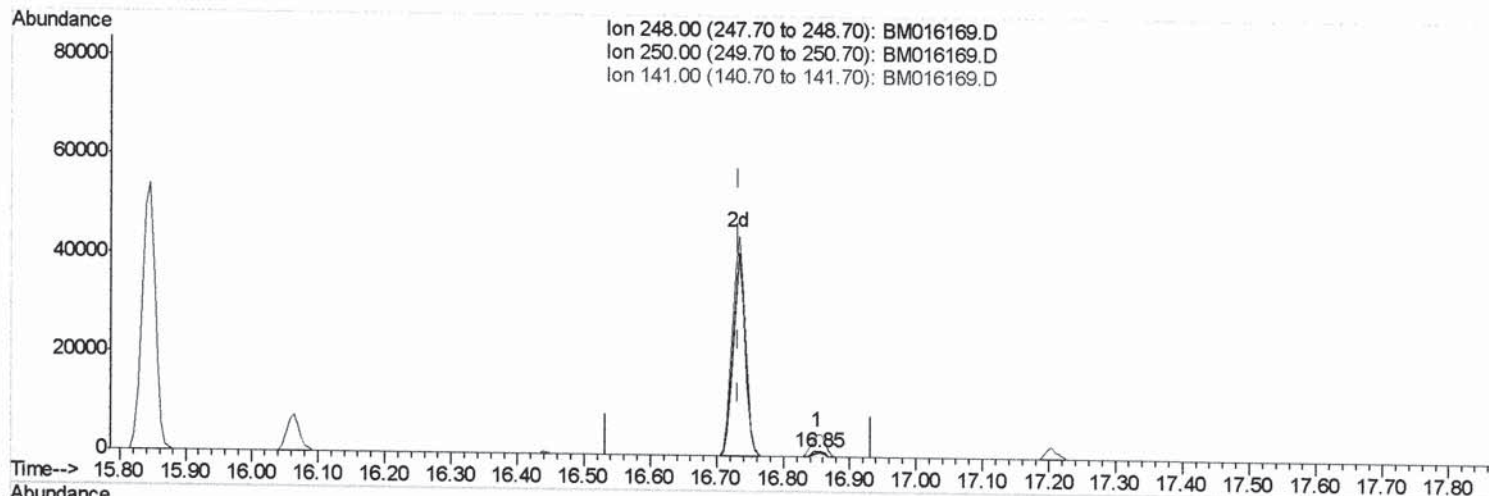
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(65) 4-Bromophenyl-phenylether

16.851min (+0.118) 0.37ng/ul

response 890

Ion	Exp%	Act%
248.00	100	100
250.00	98.40	138.19#
141.00	90.20	563.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

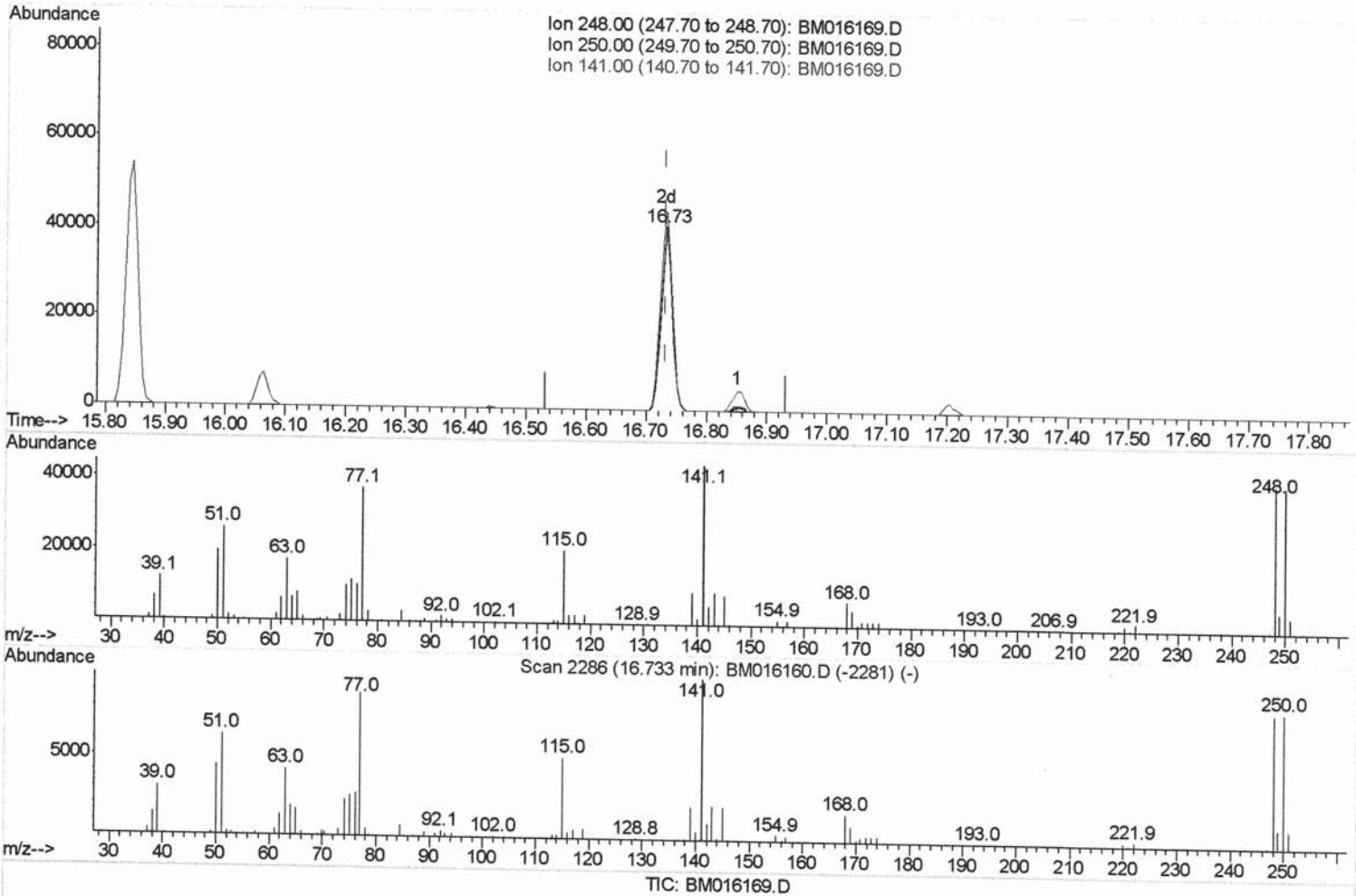
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(65) 4-Bromophenyl-phenylether

16.733min (-0.000) 21.86ng/ul m

response 53216

Ion	Exp%	Act%
248.00	100	100
250.00	98.40	99.65
141.00	90.20	108.93#
0.00	0.00	0.00

5/8/6/18

Quantitation Report (Qedit)

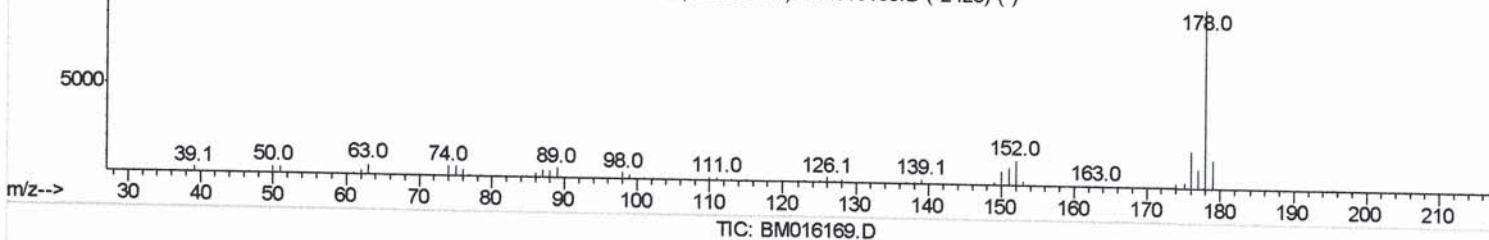
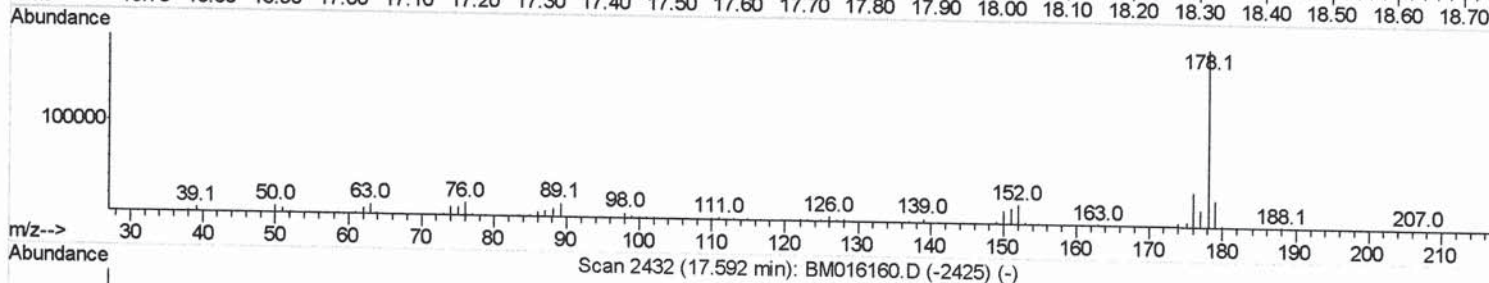
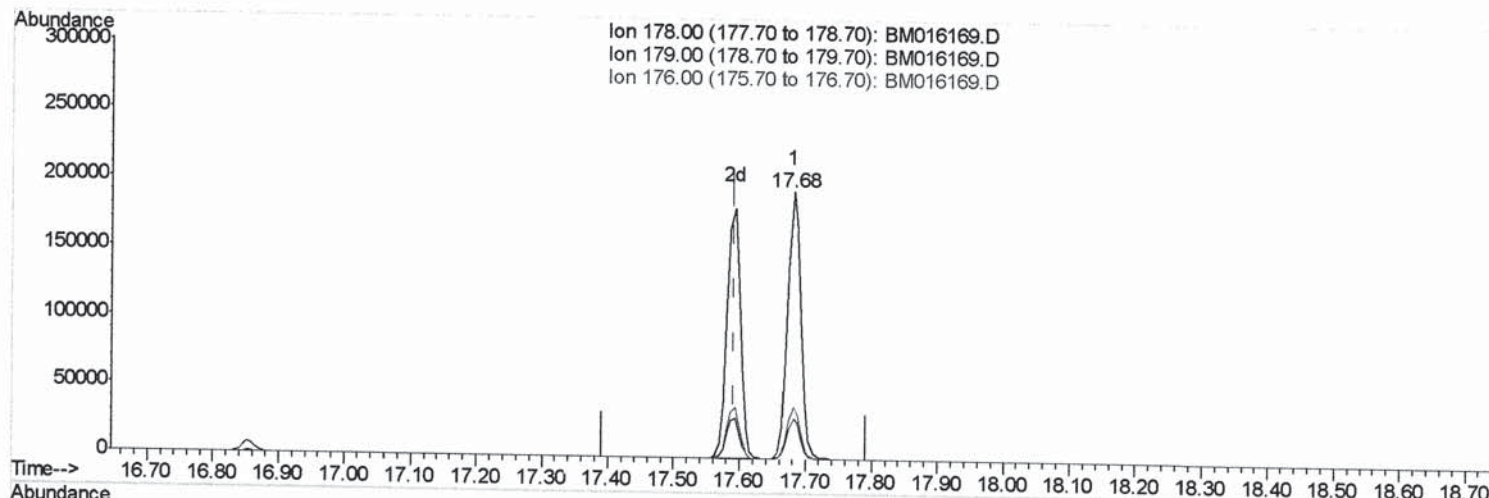
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(69) Phenanthrene
 17.680min (+0.088) 20.15ng/ul
 response 269114

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	14.92
176.00	19.50	19.45
0.00	0.00	0.00

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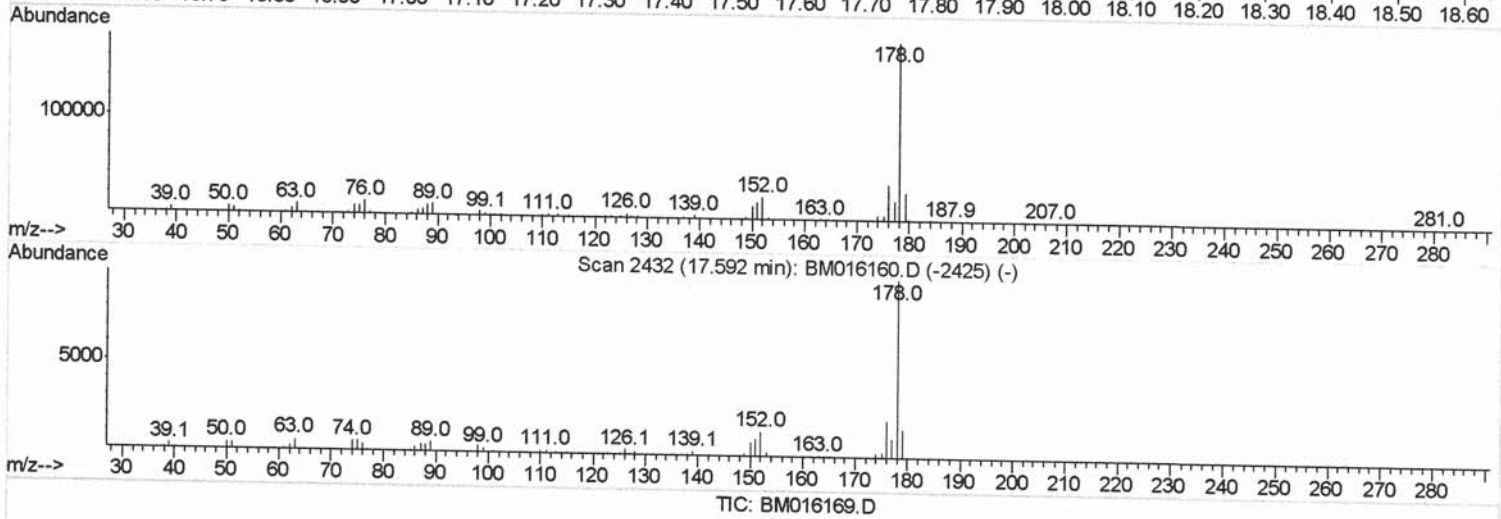
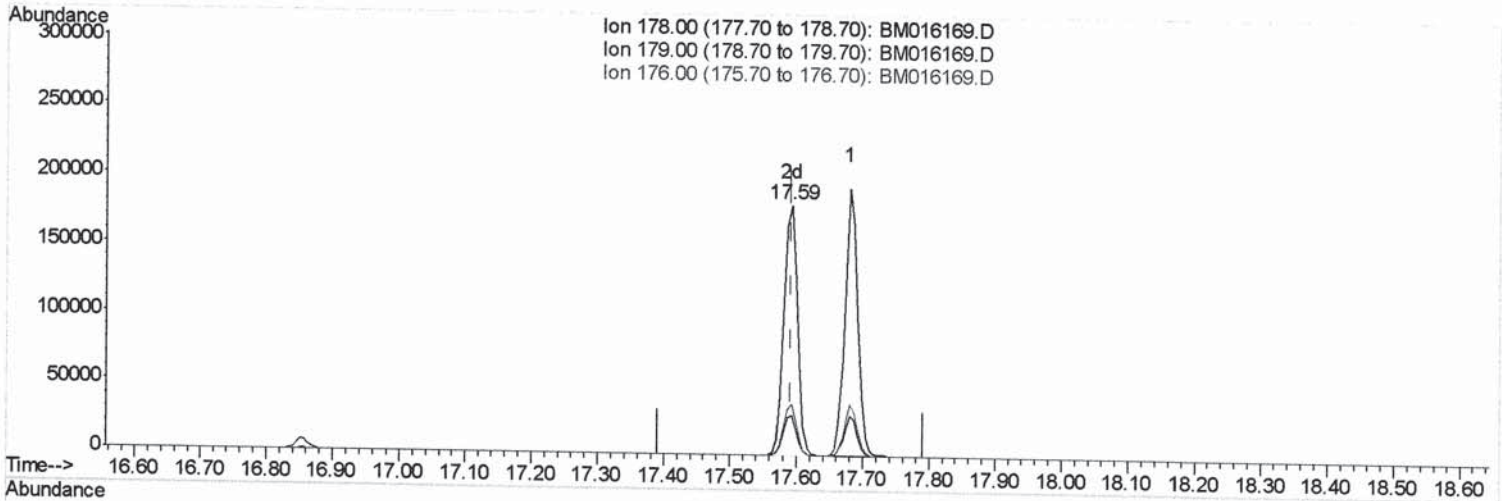
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

Sohil
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(69) Phenanthrene

17.592min (-0.000) 19.27ng/ul m

response 257420

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.86
176.00	19.50	20.28
0.00	0.00	0.00

SJ 8/6/18

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	59528	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	256312	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.82	164	124290	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	225893m	20.00	ng/ul	0.00
77) Chrysene-d12	21.67	240	207699	20.00	ng/ul	0.00
85) Perylene-d12	24.03	264	212824	20.00	ng/ul	0.00

SJ 8/6/18

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.45	96	12451	9.21	ng/uL	0.00
5) Phenol-d5	7.35	99	97842	17.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	64898	18.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	89286	20.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	80283	17.23	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	40183	21.83	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	45634	21.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	80047	19.75	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	99926	20.27	ng/ul	0.00
43) Dimethylphthalate-d6	14.22	166	214076	18.90	ng/ul	0.00
46) Acenaphthylene-d8	14.52	160	263628	20.40	ng/ul	0.00
51) 4-Nitrophenol-d4	15.04	143	26694	13.60	ng/ul	0.00
57) Fluorene-d10	15.80	176	165597	17.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.95	200	23750	15.75	ng/ul	0.00
70) Anthracene-d10	17.64	188	229724	19.86	ng/ul	0.00
78) Pyrene-d10	19.91	212	217938	22.64	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.87	264	225756	19.29	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)	Ovalue
2) 1,4-Dioxane	3.49	88	12780	9.690	ng/uL#	83	
4) Benzaldehyde	7.33	77	74504	21.308	ng/ul	87	
6) Phenol	7.37	94	98070	17.954	ng/ul#	66	
8) Bis(2-Chloroethyl)ether	7.61	93	75975	18.835	ng/ul#	88	
10) 2-Chlorophenol	7.75	128	87637	19.976	ng/ul#	89	
11) 2-Methylphenol	8.64	108	71065	16.915	ng/ul	97	
12) 2,2'-oxybis(1-Chloropropan	8.72	45	107851	16.834	ng/ul#	91	
14) Acetophenone	9.03	105	132205	17.079	ng/ul#	78	
15) N-Nitroso-di-n-propylamine	9.00	70	68364	17.655	ng/ul#	62	
16) 4-Methylphenol	8.97	108	78369	16.891	ng/ul	96	
17) Hexachloroethane	9.26	117	45921	23.257	ng/ul#	86	
20) Nitrobenzene	9.42	77	109915	21.129	ng/ul	88	
21) Isophorone	9.93	82	177406	19.546	ng/ul	96	
23) 2-Nitrophenol	10.13	139	47843	21.304	ng/ul#	61	
24) 2,4-Dimethylphenol	10.17	107	104112	20.270	ng/ul	89	
25) Bis(2-Chloroethoxy)methane	10.41	93	98636	18.678	ng/ul	99	
27) 2,4-Dichlorophenol	10.66	162	76873	19.374	ng/ul	97	
28) Naphthalene	11.06	128	262621	19.333	ng/ul	99	
30) 4-Chloroaniline	11.18	127	97906	19.915	ng/ul	99	
31) Hexachlorobutadiene	11.32	225	59709	21.422	ng/ul	95	
32) Caprolactam	11.97	113	19014	14.217	ng/ul#	68	
33) 4-Chloro-3-methylphenol	12.29	107	79354	17.034	ng/ul	98	
34) 2-Methylnaphthalene	12.65	142	179404	17.800	ng/ul	100	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.02	216	88246	22.876	ng/ul#	95
37) Hexachlorocyclopentadiene	12.97	237	27824	15.213	ng/ul	99
38) 2,4,6-Trichlorophenol	13.26	196	55595	22.320	ng/ul	97
39) 2,4,5-Trichlorophenol	13.34	196	55996	21.160	ng/ul	97
40) 1,1'-Biphenyl	13.65	154	221733	21.067	ng/ul	98
41) 2-Chloronaphthalene	13.70	162	172579	21.244	ng/ul	98
42) 2-Nitroaniline	13.92	65	53559	20.604	ng/ul#	74
44) Dimethylphthalate	14.27	163	208895	18.619	ng/ul	99
45) 2,6-Dinitrotoluene	14.41	165	39923	19.914	ng/ul#	60
47) Acenaphthylene	14.55	152	256840	20.296	ng/ul	98
48) 3-Nitroaniline	14.75	138	37882	18.351	ng/ul	91
49) Acenaphthene	14.88	153	178085	19.376	ng/ul	97
50) 2,4-Dinitrophenol	14.97	184	13366	12.065	ng/ul#	2
52) 4-Nitrophenol	15.05	109	37317	15.946	ng/ul#	66
53) Dibenzofuran	15.22	168	238033	18.148	ng/ul#	86
54) 2,4-Dinitrotoluene	15.20	165	56145	17.450	ng/ul#	21
55) 2,3,4,6-Tetrachlorophenol	15.44	232	41725	17.309	ng/ul#	83
56) Diethylphthalate	15.62	149	214023	17.551	ng/ul	96
58) Fluorene	15.86	166	183827	17.299	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.85	204	92657	17.497	ng/ul	90
60) 4-Nitroaniline	15.90	138	33098	14.618	ng/ul#	51
63) 4,6-Dinitro-2-methylphenol	15.96	198	25103	16.259	ng/ul#	72
64) N-Nitrosodiphenylamine	16.06	169	151075	21.591	ng/ul	97
65) 4-Bromophenyl-phenylether	16.73	248	53216m	21.860	ng/ul	
66) Hexachlorobenzene	16.85	284	54918	20.205	ng/ul#	82
67) Atrazine	17.00	200	57670	20.652	ng/ul	92
68) Pentachlorophenol	17.20	266	25857	17.695	ng/ul	96
69) Phenanthrene	17.59	178	257420m	19.274	ng/ul	
71) Anthracene	17.68	178	269114	19.542	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.62	216	89362	28.278	ng/uL	100
73) Pentachlorobenzene	15.13	250	73326	23.717	ng/uL	98
74) Carbazole	17.96	167	224836	18.015	ng/ul	97
75) Di-n-butylphthalate	18.47	149	332881	20.877	ng/ul#	96
76) Fluoranthene	19.58	202	273117	16.294	ng/ul#	94
79) Pvrene	19.94	202	274055	22.383	ng/ul#	93
80) Butylbenzylphthalate	20.80	149	148238	25.166	ng/ul#	86
81) 3,3'-Dichlorobenzidine	21.58	252	89280	19.541	ng/ul	97
82) Benzo(a)anthracene	21.66	228	265195	19.749	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.54	149	213565	24.724	ng/ul	94
84) Chrysene	21.71	228	247872	19.733	ng/ul	99
86) Di-n-octyl phthalate	22.45	149	359932	21.593	ng/ul#	83
87) Benzo(b)fluoranthene	23.31	252	263385	19.293	ng/ul	97
88) Benzo(k)fluoranthene	23.36	252	253376	19.415	ng/ul	98
90) Benzo(a)pyrene	23.93	252	249318	18.994	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	26.43	276	311223	19.284	ng/ul#	92
92) Dibenzo(a,h)anthracene	26.43	278	255840	18.719	ng/ul	96
93) Benzo(g,h,i)perylene	27.17	276	251213	19.467	ng/ul#	93

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