

Instrument :
BNA_M
ClientSampleId :
CB3E8

Sohil
9/29/2017 2:23:04 PM

Quant Time: Sep 28 05:32:15 2017

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Sep 28 05:09:12 2017

Response via : Initial Calibration



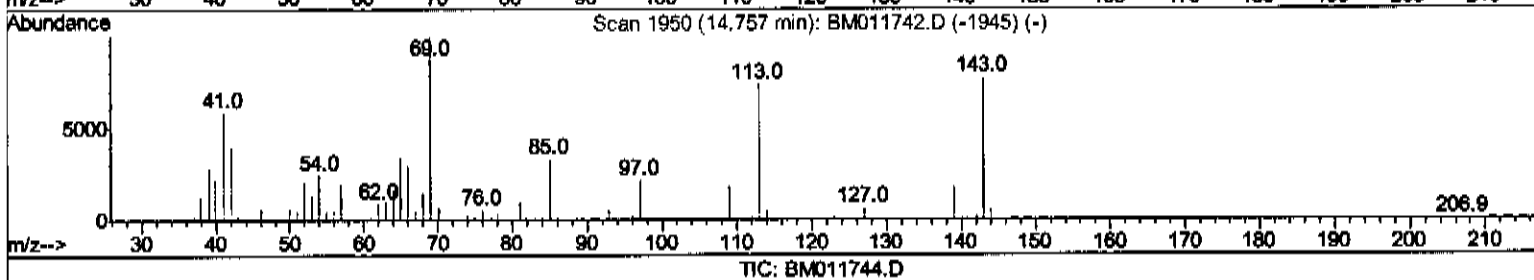
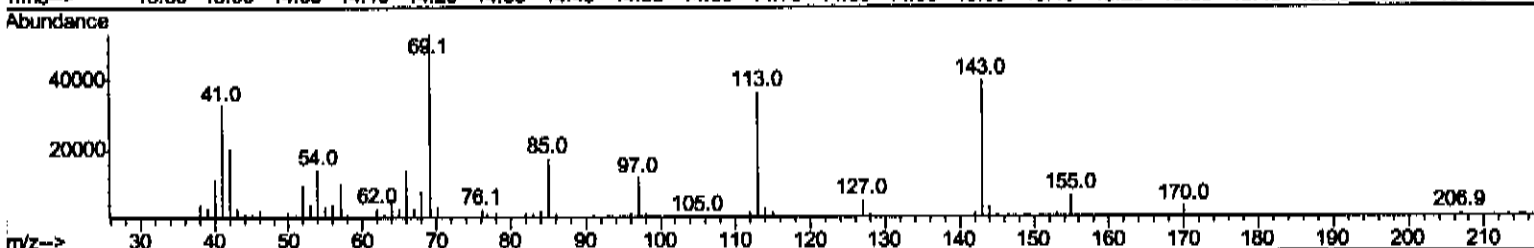
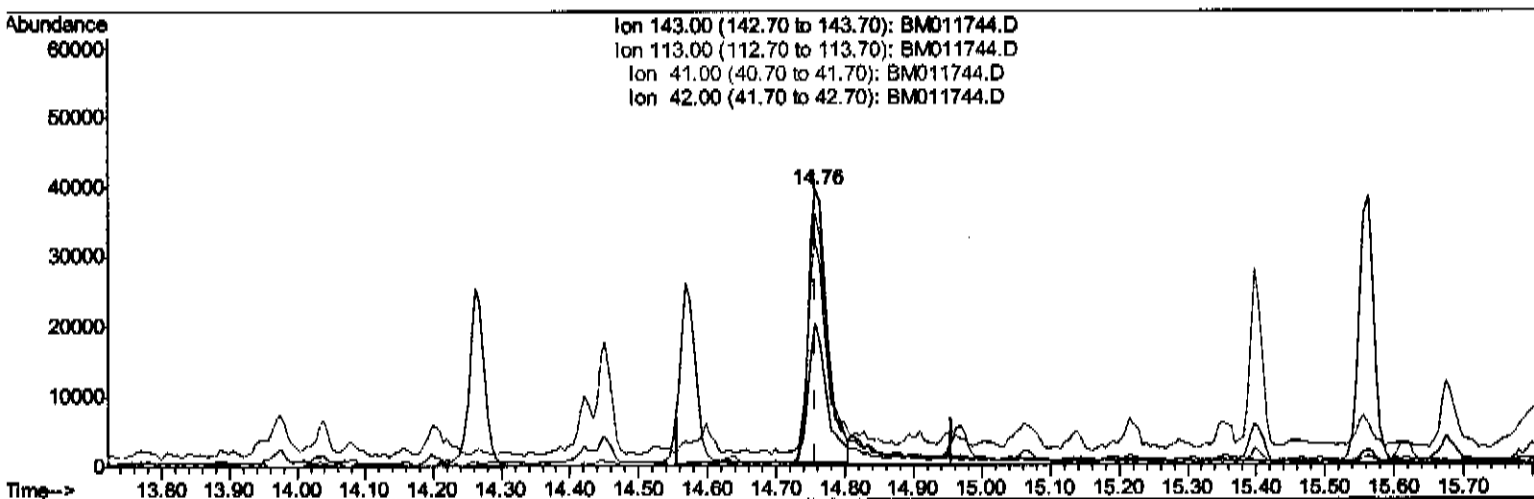
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
Data File : BM011744.D
Acq On : 28 Sep 2017 03:46
Operator : SJ/JU
Sample : I5377-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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Manual Integrations
APPROVED

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(51) 4-Nitrophenol-d4 (S)

14.757min (+0.000) 7.50ng/ul

response 74126

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	91.20#
41.00	34.80	81.77#
42.00	20.50	51.39#

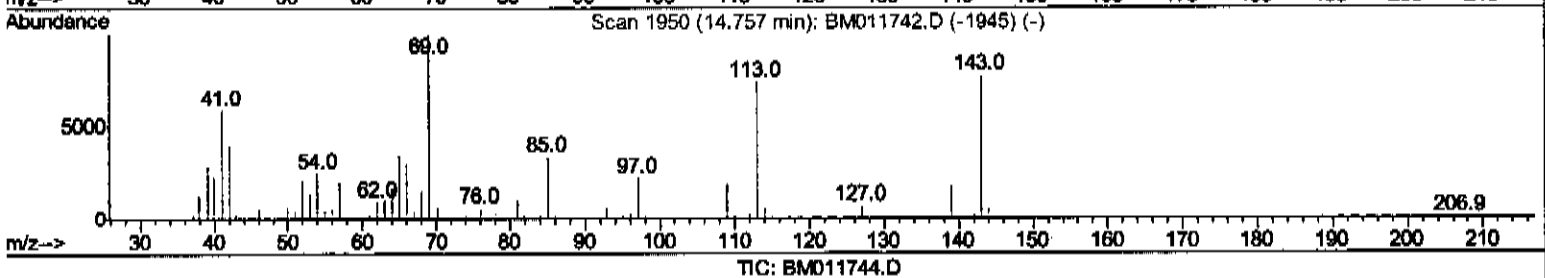
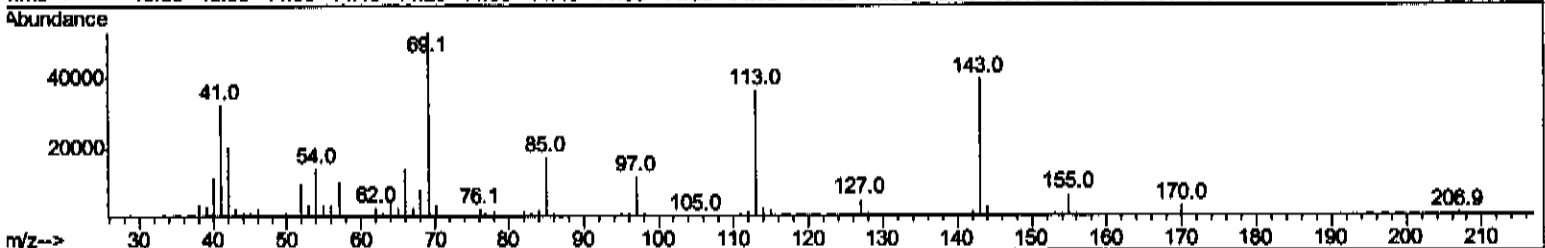
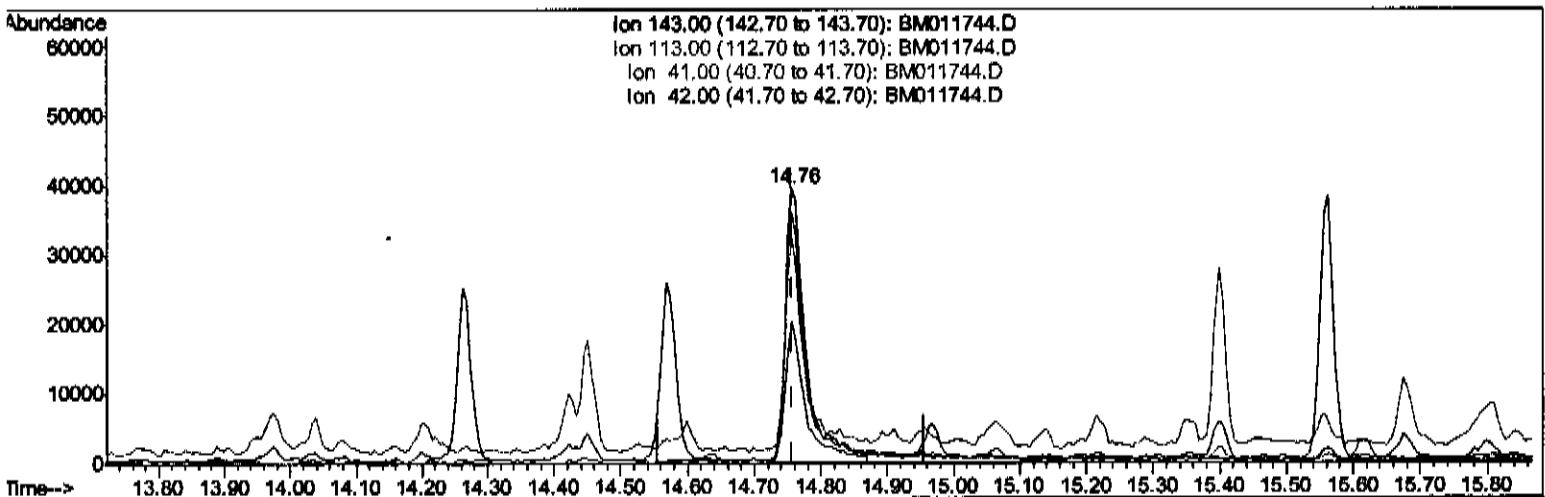
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(51) 4-Nitrophenol-d4 (S)

14.757min (+0.000) 8.47ng/ul m

response 83694

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	91.20#
41.00	34.80	81.77#
42.00	20.50	51.39#

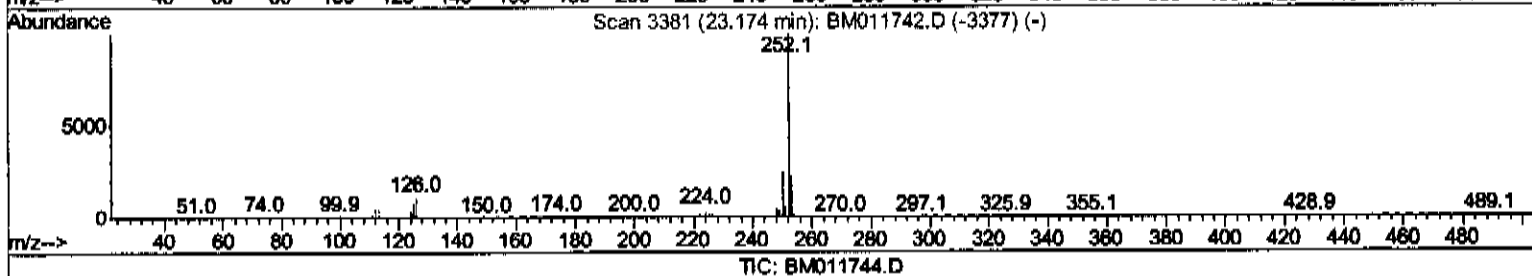
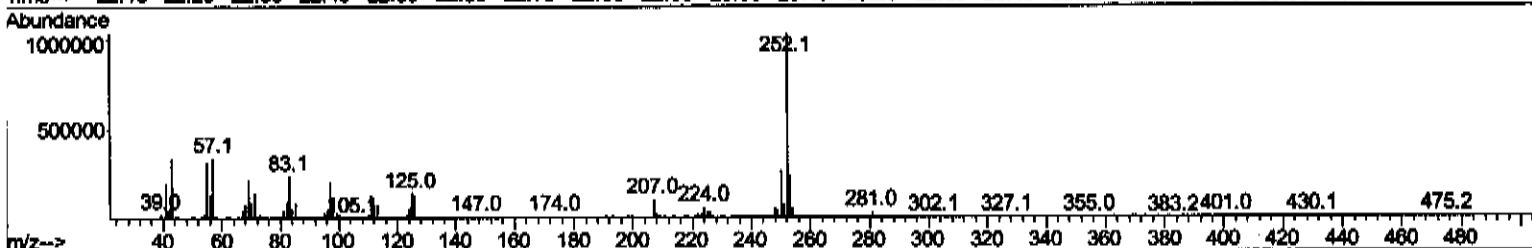
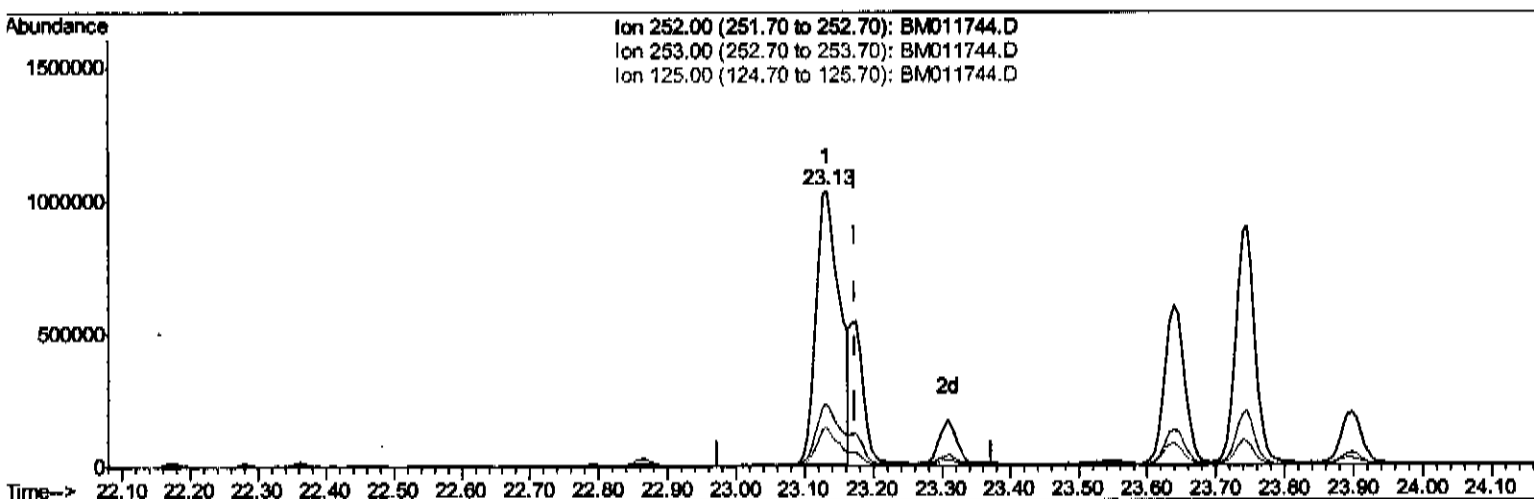
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(86) Benzo(k)fluoranthene

23.133min (-0.041) 42.82ng/ul

response 2500722

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.50
125.00	4.30	13.61#
0.00	0.00	0.00

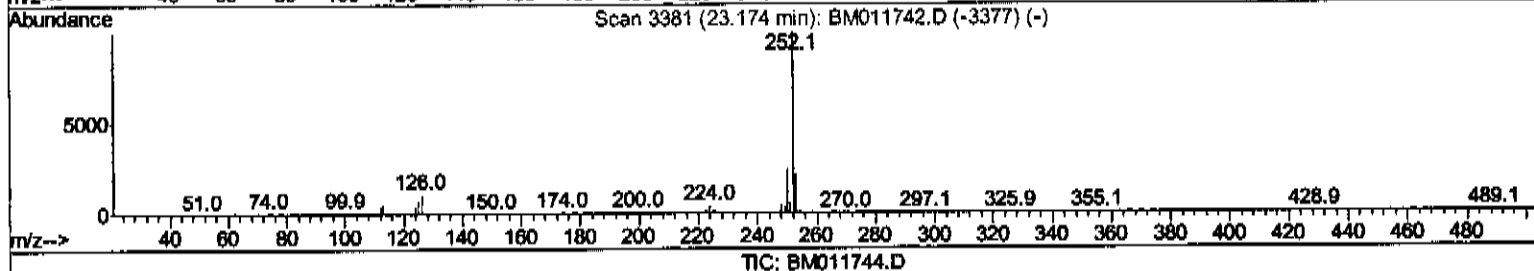
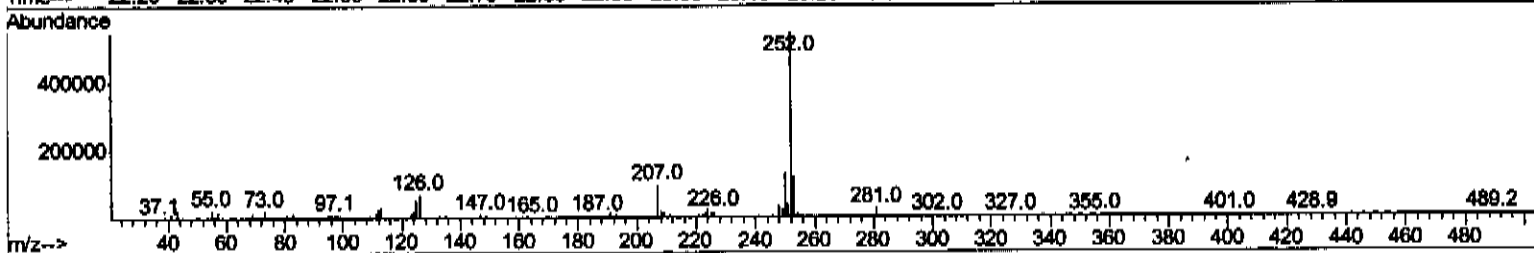
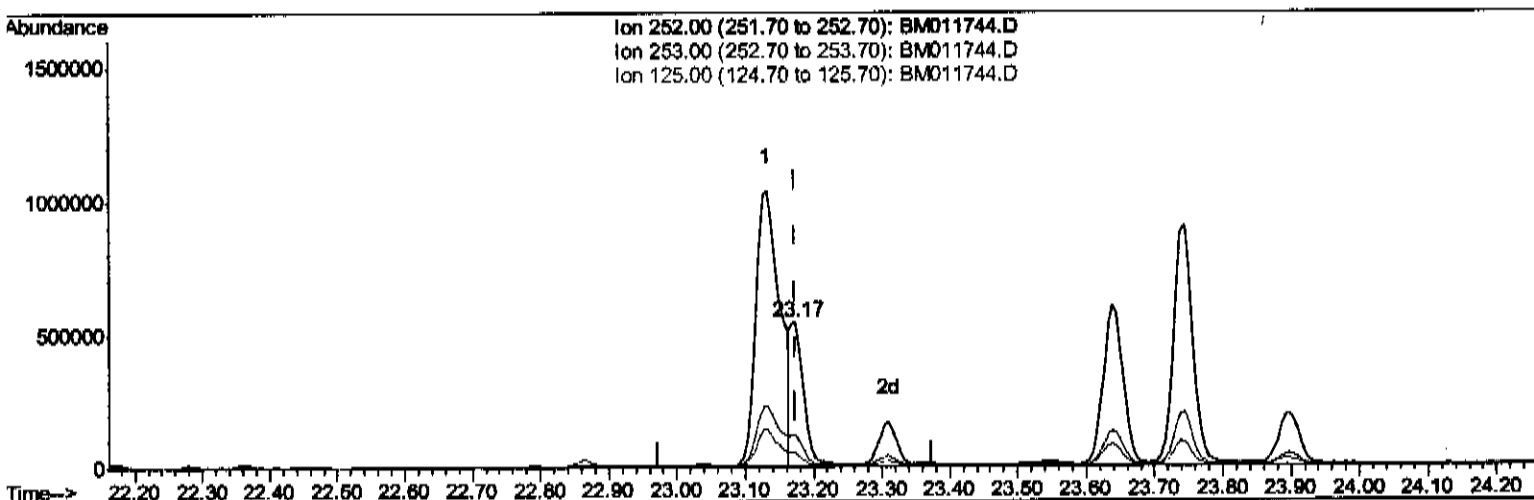
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(86) Benzo(k)fluoranthene

23.174min (+0.000) 12.74ng/ul m

response 744336

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.20
125.00	4.30	9.85#
0.00	0.00	0.00

ju 10/5/17

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 QLast Update : Thu Sep 28 05:09:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	276990	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	1231027	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	673893	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	1416130	20.00	ng/ul	0.00
75) Chrysene-d12	21.48	240	1111610	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	970301	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	22890	3.68	ng/uL	0.00
5) Phenol-d5	7.09	99	541694	19.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	435777	22.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	453312	22.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	447843	20.99	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	227235	23.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	235132	22.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	424195	21.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	352082	16.29	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	1368096	23.67	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	1680786	24.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	83694m	8.47	ng/ul	0.00
57) Fluorene-d10	15.56	176	1169822	23.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	80473	8.39	ng/ul	0.00
70) Anthracene-d10	17.41	188	1717089	23.83	ng/ul	0.00
76) Pyrene-d10	19.70	212	1771179	33.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	1123830	24.19	ng/ul	0.00

Target Compounds

				Ovalue	
28) Naphthalene	10.79	128	212602	3.304	ng/ul 99
34) 2-Methylnaphthalene	12.40	142	109729	2.406	ng/ul 97
44) Dimethylphthalate	14.02	163	273697	4.951	ng/ul 98
49) Acenaphthene	14.63	153	194130	4.065	ng/ul 97
53) Dibenzofuran	14.97	168	119444	1.821	ng/ul 93
58) Fluorene	15.62	166	177114	3.189	ng/ul 95
69) Phenanthrene	17.36	178	2976072	37.549	ng/ul 98
71) Anthracene	17.44	178	570233	6.983	ng/ul 98
72) Carbazole	17.72	167	175252	2.450	ng/ul# 94
73) Di-n-butylphthalate	18.26	149	145443	1.579	ng/ul 99
74) Fluoranthene	19.37	202	4597515	47.510	ng/ul# 91
77) Pyrene	19.73	202	4496510	67.879	ng/ul# 90
80) Benzo(a)anthracene	21.47	228	1939367	31.184	ng/ul 96
81) Bis(2-ethylhexyl)phthalate	21.37	149	50793	1.229	ng/ul# 96
82) Chrysene	21.52	228	1871343	31.904	ng/ul 97
85) Benzo(b)fluoranthene	23.13	252	2500722	43.681	ng/ul# 95
86) Benzo(k)fluoranthene	23.17	252	744336m	12.745	ng/ul 95
88) Benzo(a)pyrene	23.74	252	1726614	31.226	ng/ul# 97
89) Indeno(1,2,3-cd)pyrene	26.27	276	1235160	21.455	ng/ul# 92
90) Dibenzo(a,h)anthracene	26.27	278	345564	7.167	ng/ul# 88
91) Benzo(a,h,i)perylene	27.01	276	1245063	26.055	ng/ul# 92

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Internal Standards	R.T.	QI	on	Response	Conc	Units	Dev	(Min)

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