

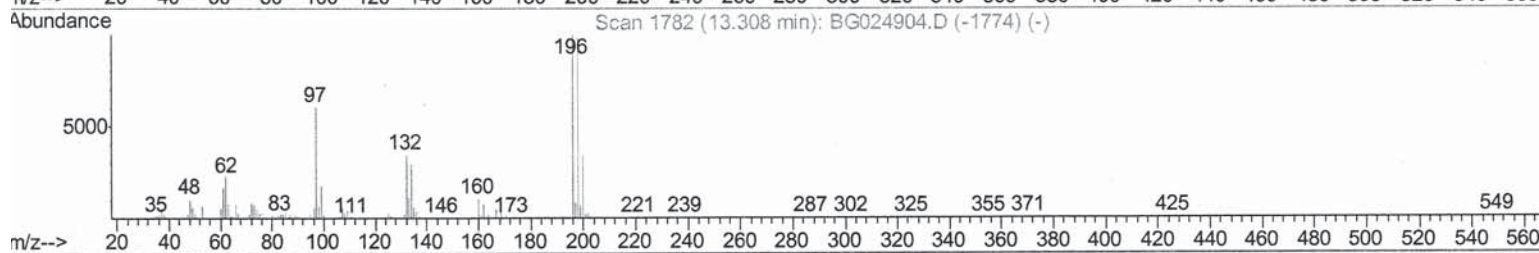
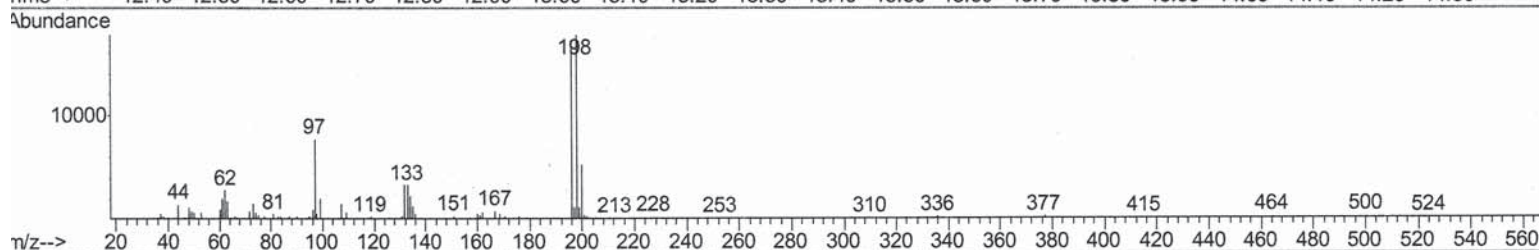
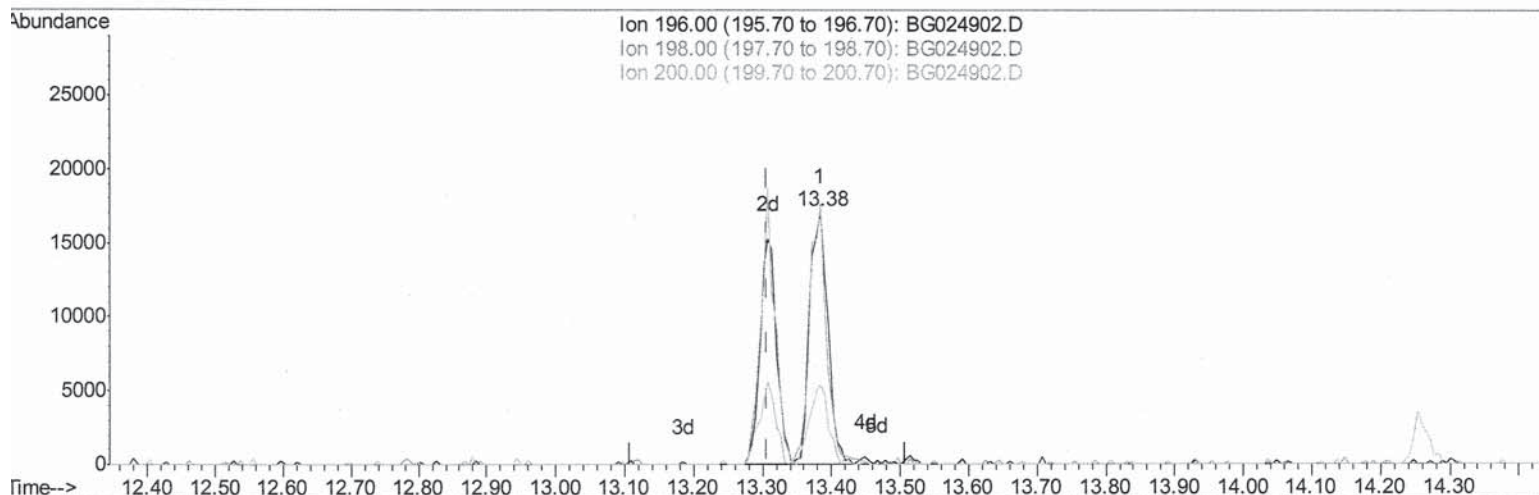
Data Path : Z:\HPCHEM1\BNA G\DATA\BG112316\
 Data File : BG024902.D
 Acq On : 23 Nov 2016 10:23
 Operator : UM/SJ
 Sample : SST00526
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST00526

Manual Integrations
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 11/28/2016 4:44:10 PM

Quant Time: Nov 23 14:28:59 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG112316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 23 13:49:23 2016
 Response via : Initial Calibration



TIC: BG024902.D

(38) 2,4,6-Trichlorophenol (C)

13.384min (+0.076) 6.02ng/ul

response 31212

Ion	Exp%	Act%
196.00	100	100
198.00	89.30	102.93
200.00	30.80	30.97
0.00	0.00	0.00

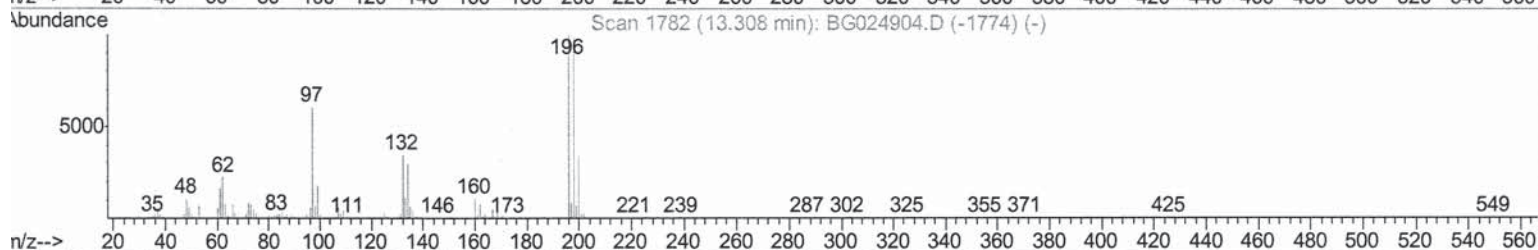
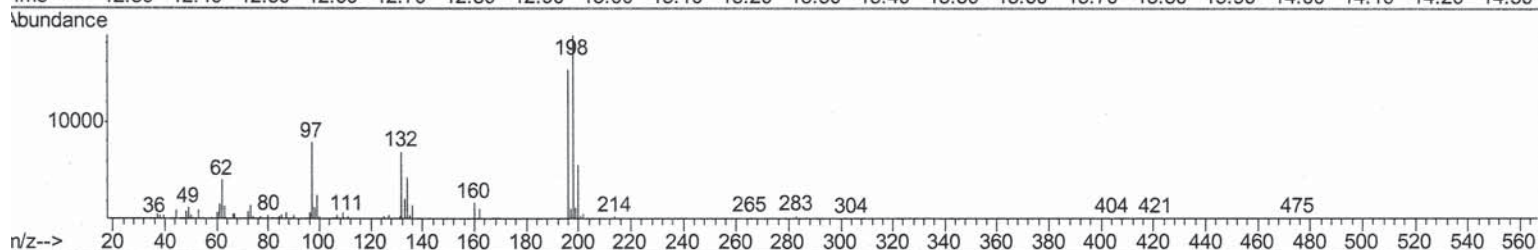
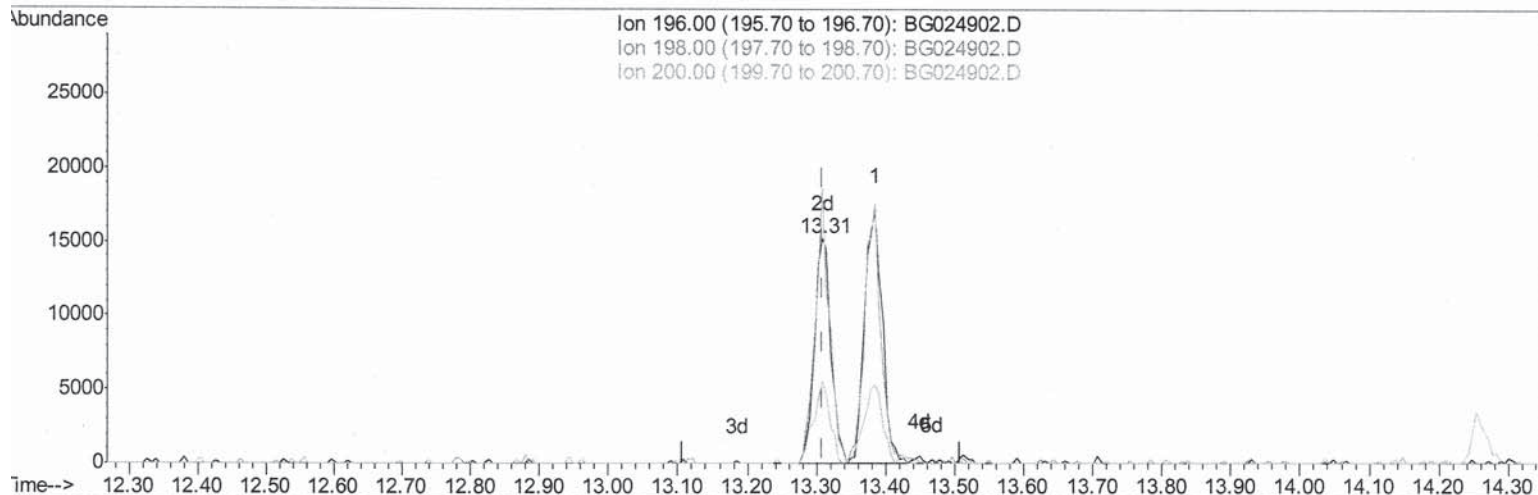
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 Misc :
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Instrument :
 BNA_G
 ClientSampled :
 SSTD00526

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(38) 2,4,6-Trichlorophenol (C)

13.308min (+0.000) 4.88ng/ul m

response 25328

Ion	Exp%	Act%
196.00	100	100
198.00	89.30	122.53#
200.00	30.80	36.95
0.00	0.00	0.00

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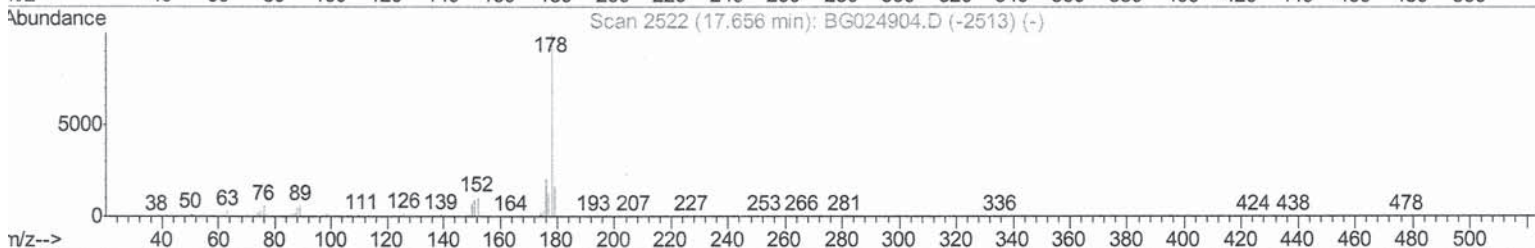
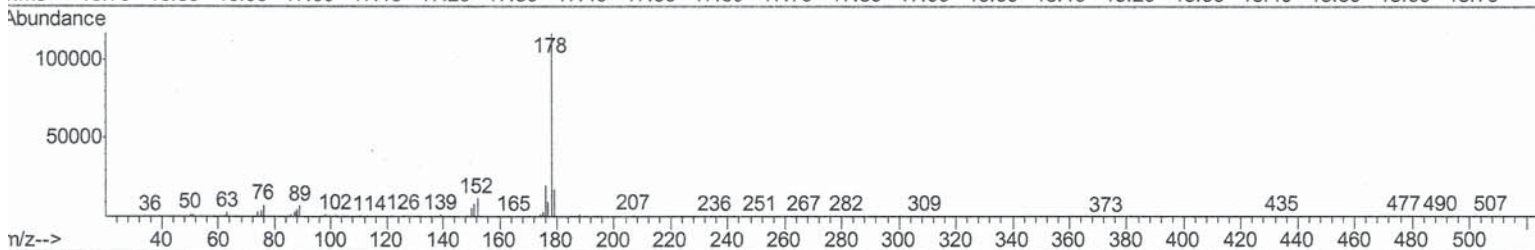
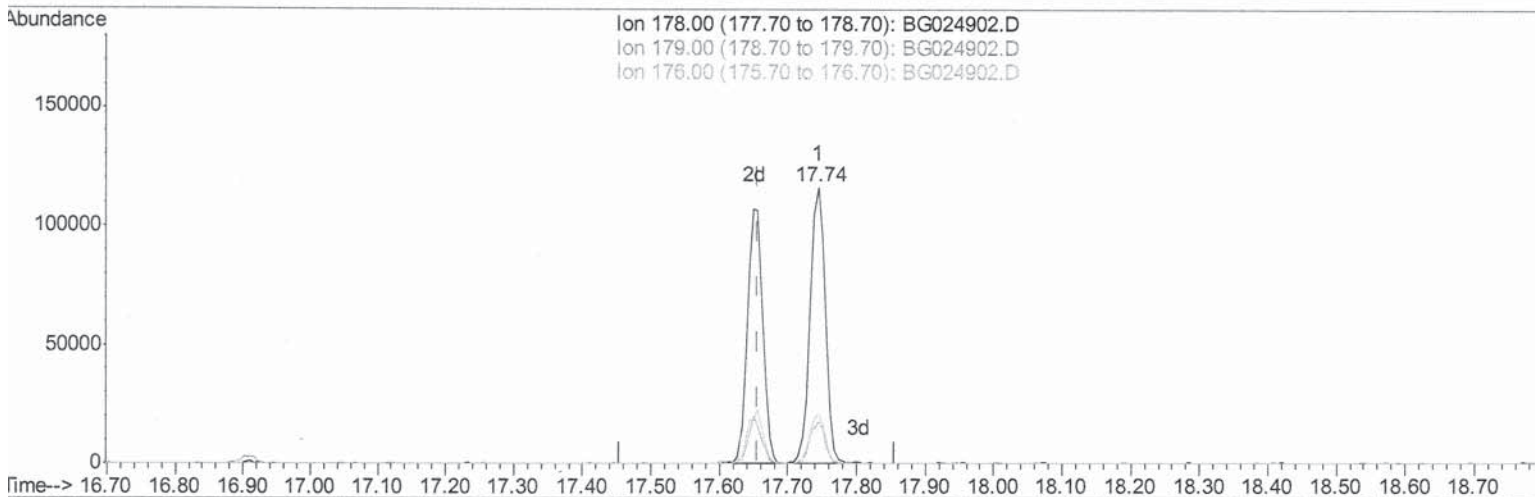
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 Sample : SST00526
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST00526

Manual Integrations
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TIC: BG024902.D

(69) Phenanthrene

17.744min (+0.088) 5.54ng/ul

response 178274

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	15.13
176.00	20.60	17.54
0.00	0.00	0.00

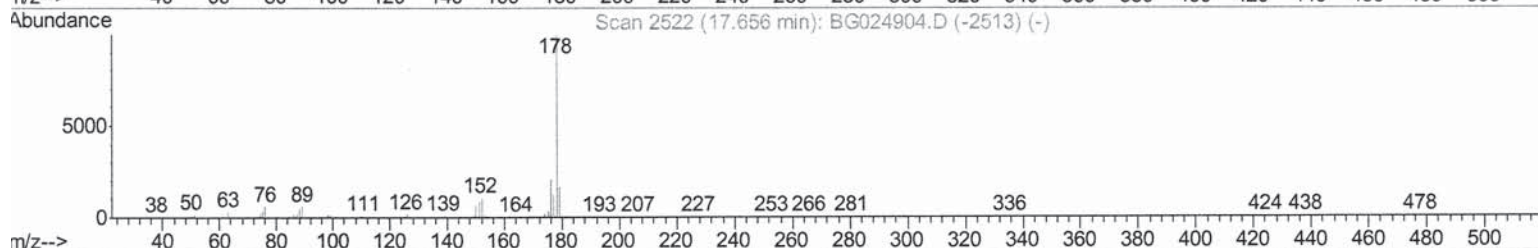
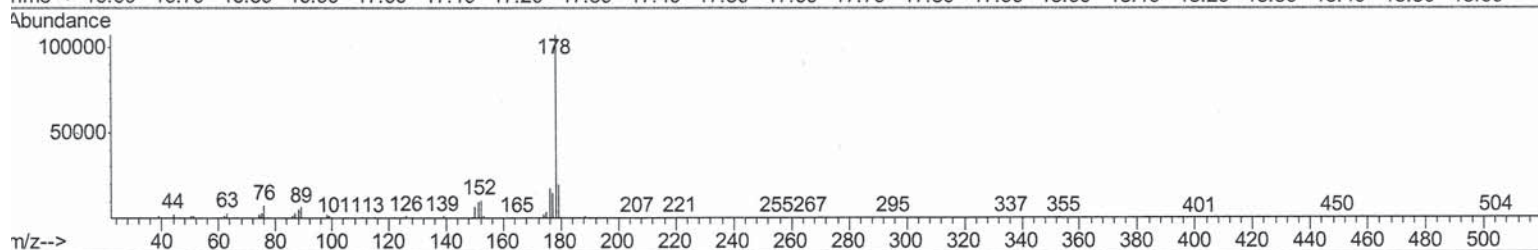
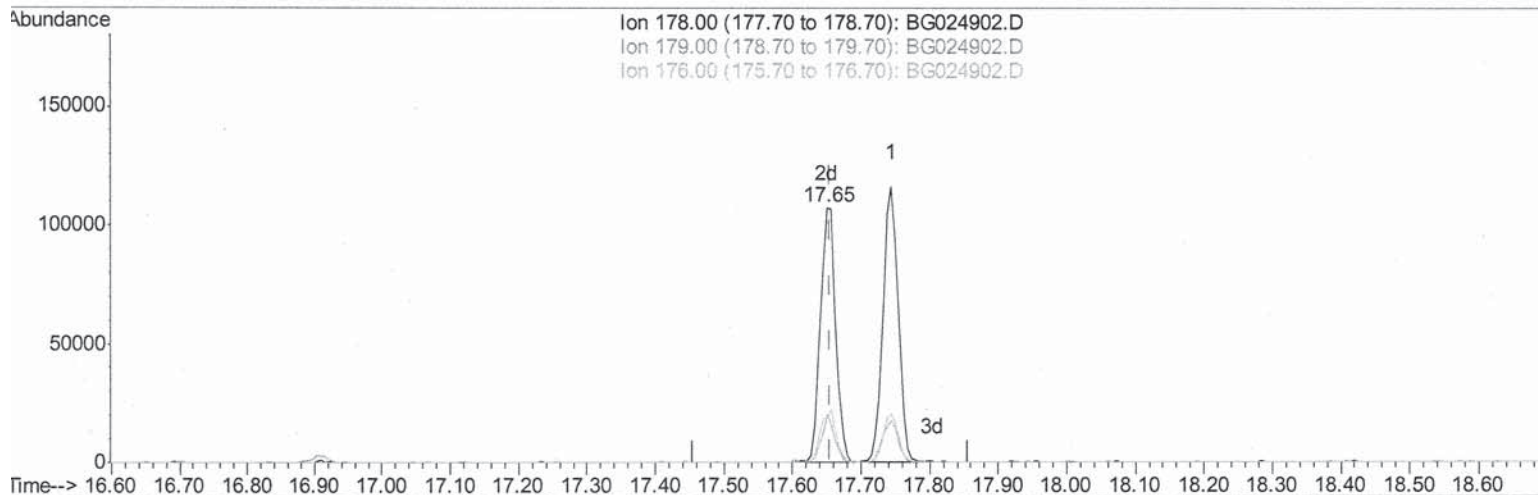
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Manual Integrations
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TIC: BG024902.D

(69) Phenanthrene

17.650min (-0.006) 5.23ng/ul m

(17)

response 168274

11/28/16

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	18.62#
176.00	20.60	16.58
0.00	0.00	0.00

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Quant Time: Nov 23 14:36:01 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG112316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 23 13:49:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	68653	20.00	nq/ul	0.00
18) Naphthalene-d8	11.08	136	293329	20.00	nq/ul	0.00
35) Acenaphthene-d10	14.87	164	262880	20.00	nq/ul	0.00
61) Phenanthrene-d10	17.61	188	645057	20.00	nq/ul	0.00
75) Chrysene-d12	21.90	240	788001	20.00	nq/ul	0.00
83) Perylene-d12	25.32	264	824703	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.61	96	3187	2.41	nq/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	nq/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	nq/ul	
9) 2-Chlorophenol-d4	7.77	132	21928	5.20	nq/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	nq/ul	
19) Nitrobenzene-d5	9.43	128	12253	5.52	nq/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	12485	4.71	nq/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	25862	4.90	nq/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	nq/ul	
43) Dimethylphthalate-d6	14.26	166	102827	5.36	nq/ul	0.00
46) Acenaphthylene-d8	14.57	160	106256	5.09	nq/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	nq/ul	
57) Fluorene-d10	15.85	176	92669	5.14	nq/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	nq/ul	
70) Anthracene-d10	17.71	188	148810	5.22	nq/ul	0.00
76) Pyrene-d10	19.98	212	184385	5.40	nq/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	182634	5.06	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) 1,4-Dioxane	3.64	88	4230	2.55	nq/uL#	52
10) 2-Chlorophenol	7.81	128	22316	5.47	nq/ul#	82
15) N-Nitroso-di-n-propylamine	9.04	70	22400	5.30	nq/ul#	87
17) Hexachloroethane	9.34	117	9867	5.28	nq/ul	89
20) Nitrobenzene	9.47	77	32539	4.93	nq/ul	94
21) Isophorone	9.98	82	63745	5.18	nq/ul#	92
23) 2-Nitrophenol	10.18	139	14438	5.39	nq/ul	88
24) 2,4-Dimethylphenol	10.22	107	33068	5.20	nq/ul	89
25) Bis(2-Chloroethoxy)methane	10.46	93	33841	5.24	nq/ul#	97
27) 2,4-Dichlorophenol	10.72	162	26774	5.29	nq/ul	95
28) Naphthalene	11.13	128	73516	5.23	nq/ul#	94
31) Hexachlorobutadiene	11.40	225	20052	4.52	nq/ul	95
33) 4-Chloro-3-methylphenol	12.33	107	32950	5.38	nq/ul	92
34) 2-Methylnaphthalene	12.71	142	60745	5.49	nq/ul	87
36) 1,2,4,5-Tetrachlorobenzene	13.07	216	38316	4.49	nq/ul	95
38) 2,4,6-Trichlorophenol	13.31	196	25328m	4.88	nq/ul	
39) 2,4,5-Trichlorophenol	13.38	196	31212	5.54	nq/ul	95
40) 1,1'-Biphenyl	13.70	154	87624	5.18	nq/ul	98
41) 2-Chloronaphthalene	13.75	162	67106	5.10	nq/ul#	95
42) 2-Nitroaniline	13.95	65	25916	4.97	nq/ul	93
44) Dimethylphthalate	14.31	163	100603	5.47	nq/ul	98
45) 2,6-Dinitrotoluene	14.44	165	19260	4.98	nq/ul#	66
47) Acenaphthylene	14.59	152	103136	5.10	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Acenaphthene	14.94	153	70404	4.92	ng/ul	88
53) Dibenzofuran	15.26	168	112164	5.12	ng/ul	98
54) 2,4-Dinitrotoluene	15.22	165	31042	5.31	ng/ul#	93
55) 2,3,4,6-Tetrachlorophenol	15.48	232	29927	5.10	ng/ul#	93
56) Diethylphthalate	15.65	149	99895	5.11	ng/ul	97
58) Fluorene	15.91	166	94535	5.32	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.89	204	50399	5.01	ng/ul	90
64) N-Nitrosodiphenylamine	16.10	169	88397	5.07	ng/ul	98
65) 4-Bromophenyl-phenylether	16.79	248	38474	4.90	ng/ul	93
66) Hexachlorobenzene	16.91	284	41045	4.73	ng/ul#	87
69) Phenanthrene	17.65	178	168274m	5.23	ng/ul	96
71) Anthracene	17.74	178	178274	5.36	ng/ul	96
73) Di-n-butylphthalate	18.54	149	179336	5.22	ng/ul	99
77) Pvrene	20.01	202	220073	5.68	ng/ul	98
78) Butylbenzylphthalate	20.86	149	81493	5.14	ng/ul	99
80) Benzo(a)anthracene	21.88	228	226989	5.29	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.74	149	117122	5.40	ng/ul	96
82) Chrysene	21.95	228	213904	5.32	ng/ul	96
85) Benzo(b)fluoranthene	24.22	252	221577	5.10	ng/ul	97
86) Benzo(k)fluoranthene	24.29	252	211606	5.13	ng/ul	97
88) Benzo(a)pyrene	25.16	252	214763	5.11	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.25	276	250238	4.76	ng/ul	93
90) Dibenzo(a,h)anthracene	29.31	278	208882	4.77	ng/ul#	95
91) Benzo(g,h,i)perylene	30.48	276	210163	4.85	ng/ul#	92

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