

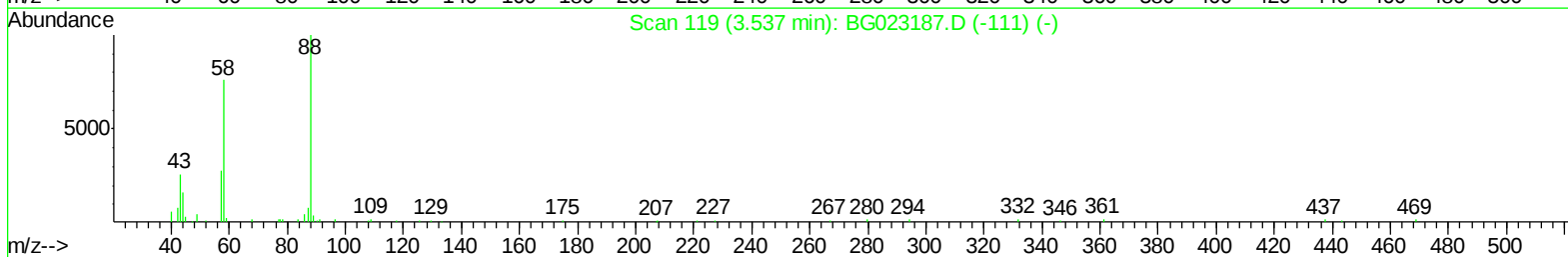
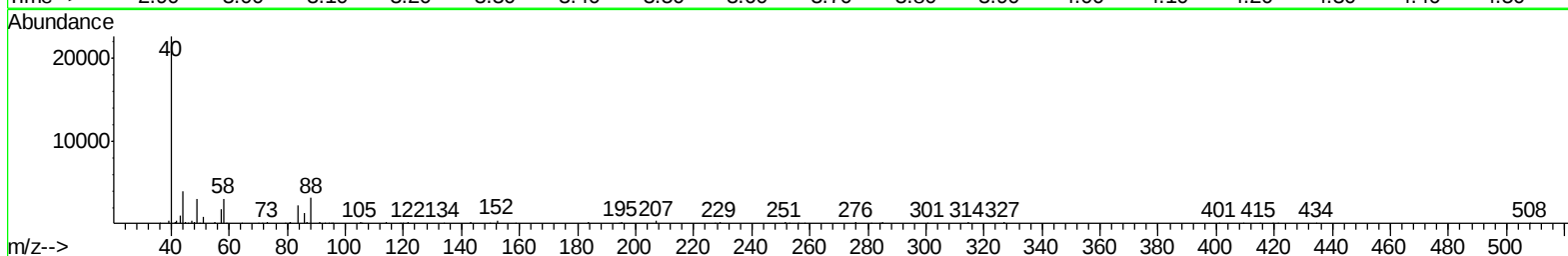
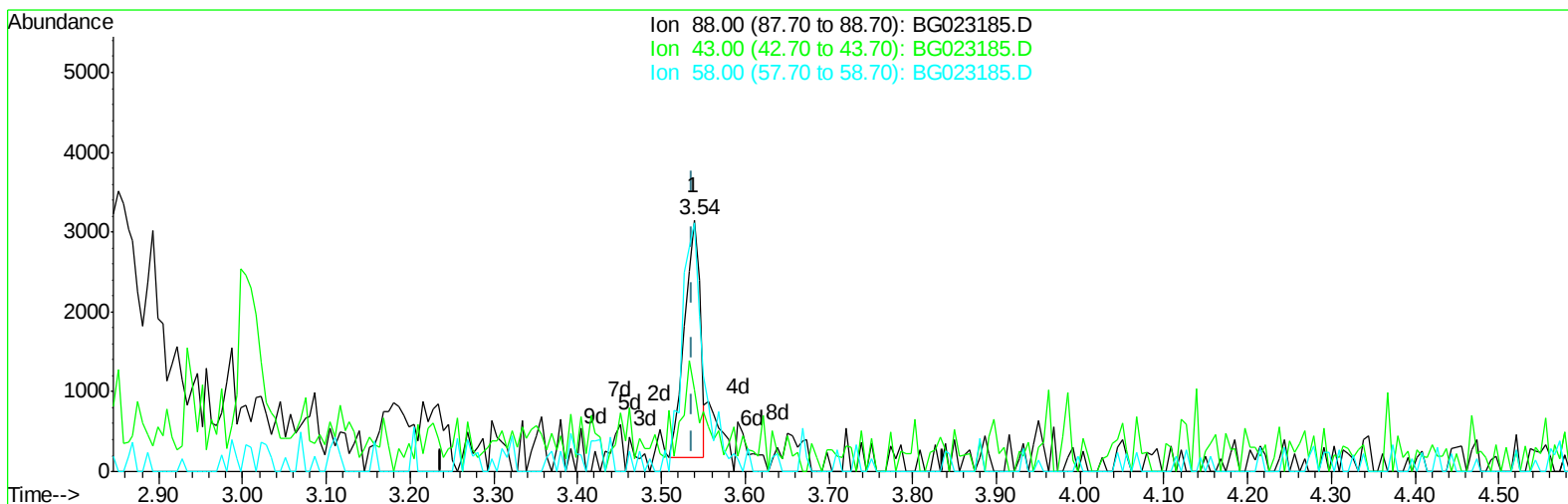
Data Path : Z:\HPCHEM1\BNA_G\Data\BG072016\
Data File : BG023185.D
Acq On : 20 Jul 2016 12:31
Operator : UM/SJ
Sample : SST000501
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD00501

Manual Integrations

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7/21/2016 1:50:16 PM

Quant Time: Jul 20 15:42:04 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 20 15:17:08 2016
Response via : Initial Calibration



TIC: BG023185.D

(2) 1,4-Dioxane

3.539min (+0.002) 1.93ng/uL

response 3852

Ion	Exp%	Act%
88.00	100	100
43.00	20.70	32.25#
58.00	59.00	98.95#
0.00	0.00	0.00

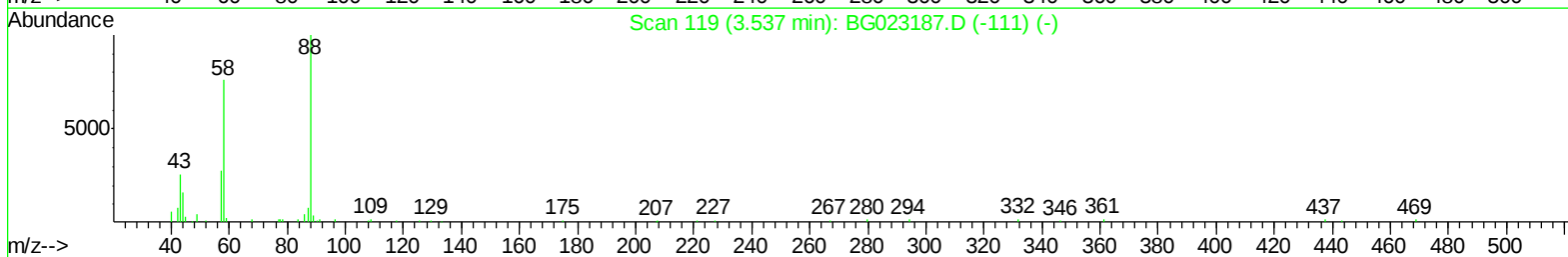
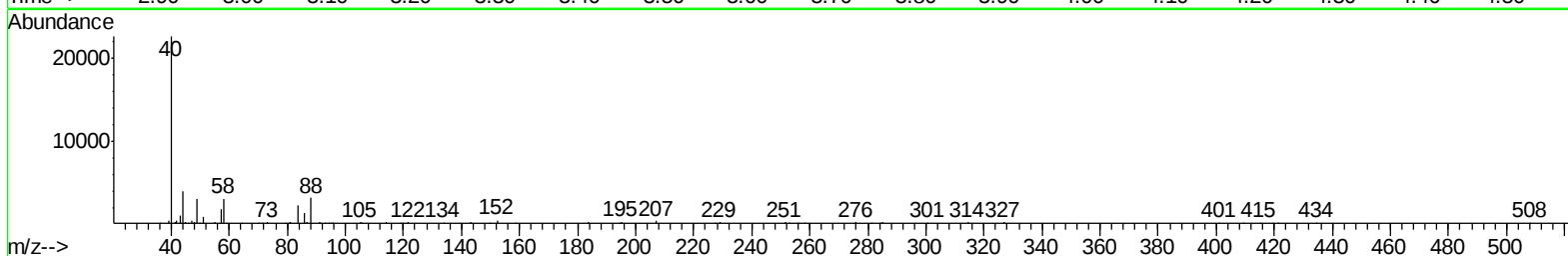
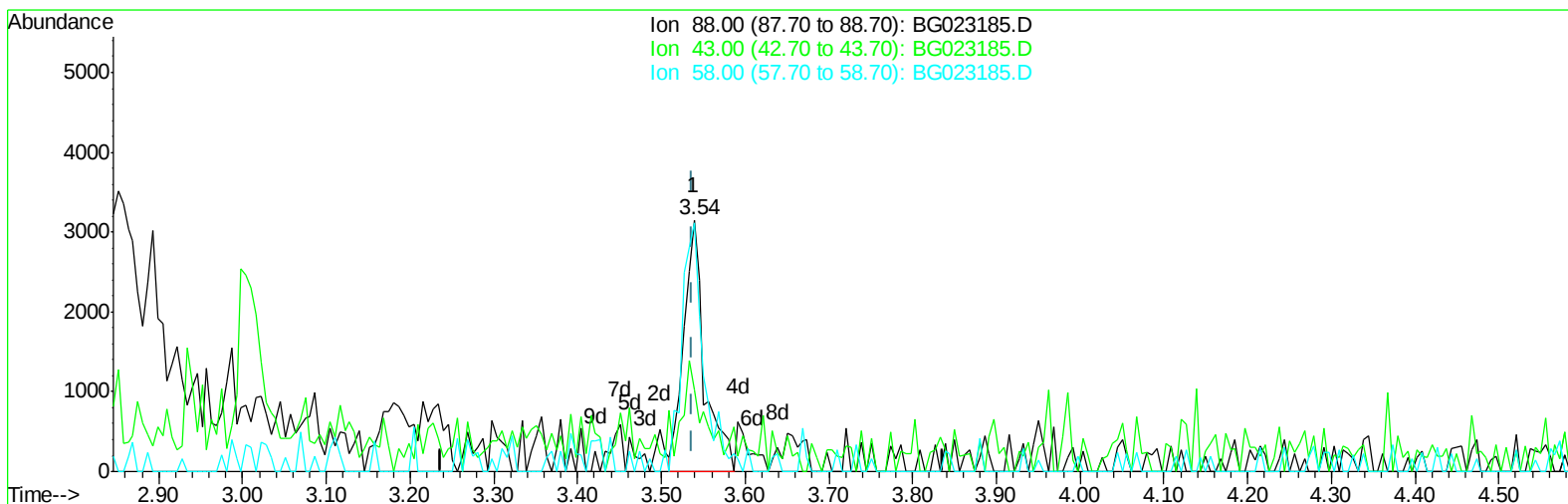
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TIC: BG023185.D

(2) 1,4-Dioxane

3.539min (+0.002) 2.68ng/uL m

response 5362

Ion	Exp%	Act%
88.00	100	100
43.00	20.70	32.25#
58.00	59.00	98.95#
0.00	0.00	0.00

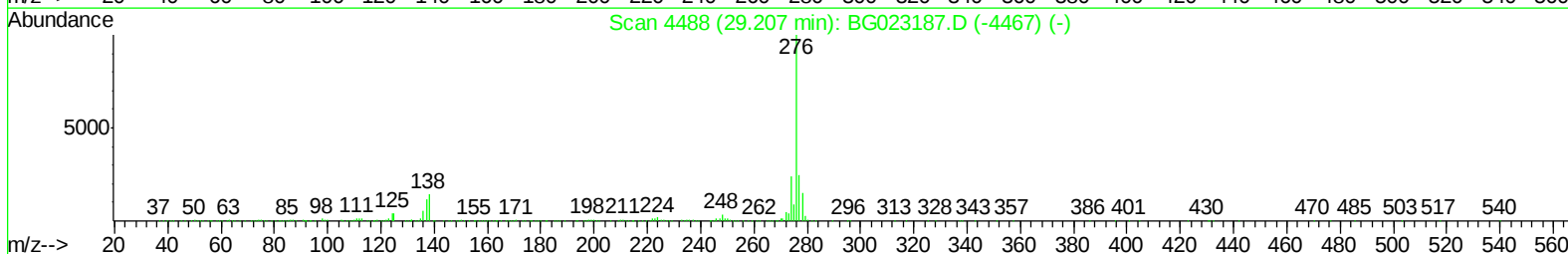
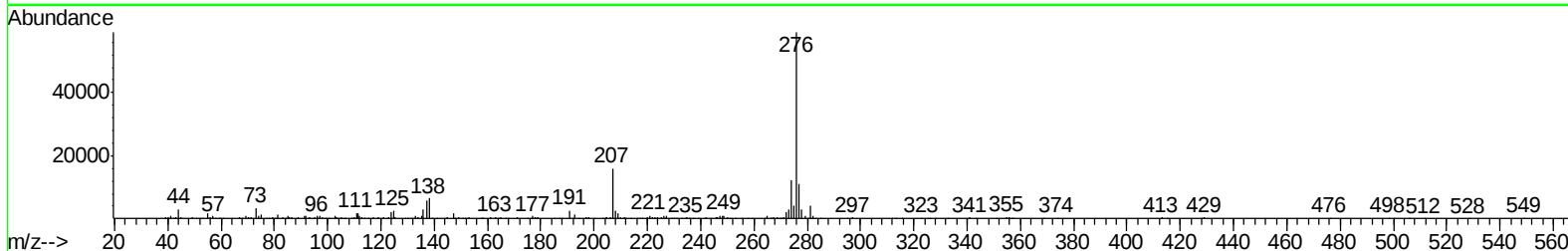
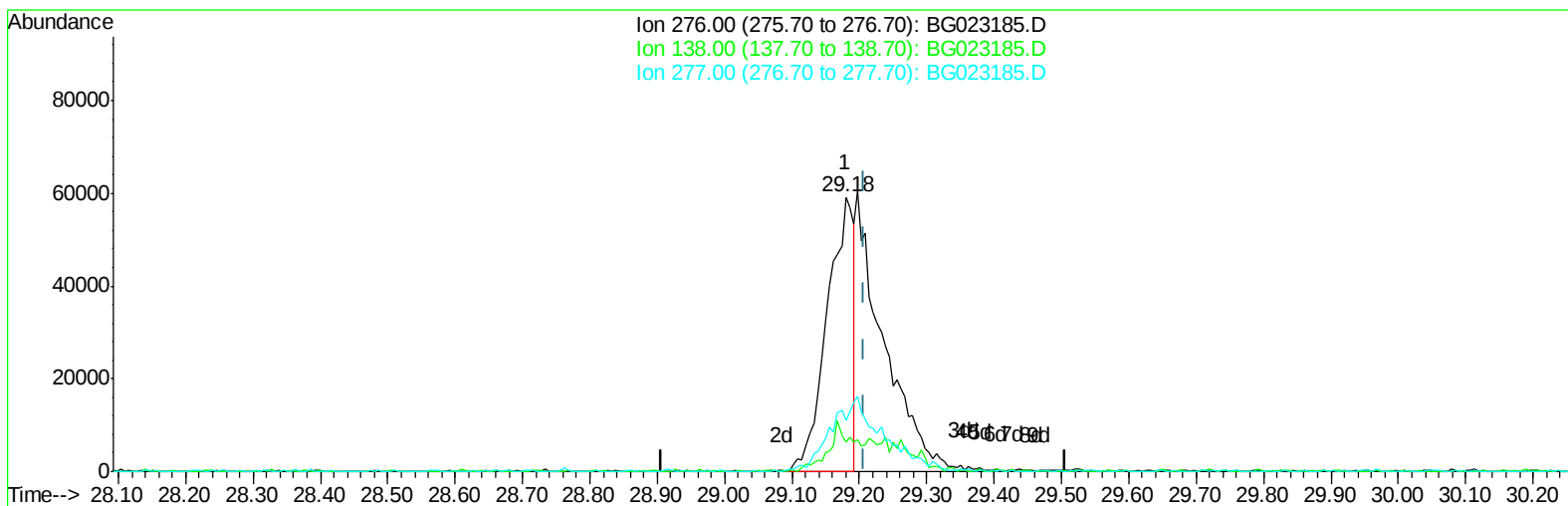
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Operator : UM/SJ
Sample : SSTD00501
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations

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TIC: BG023185.D

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

29.180min (-0.027) 2.72ng/ul

response 161009

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	10.94#
277.00	22.00	18.58
0.00	0.00	0.00

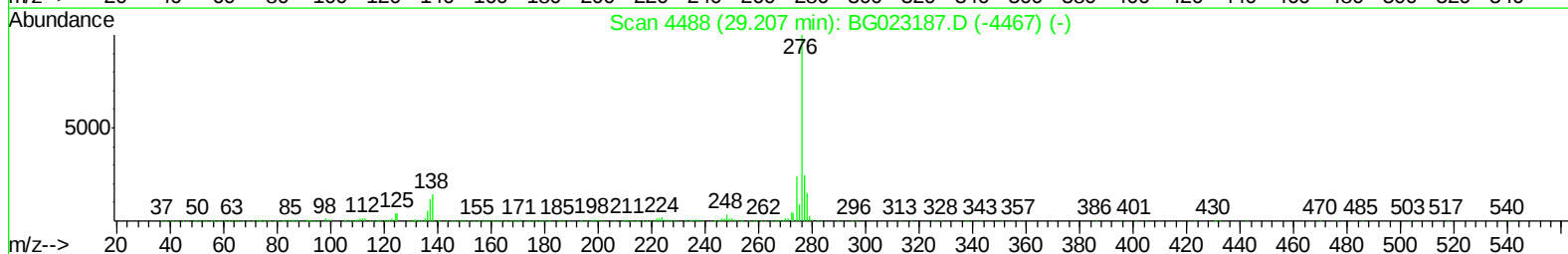
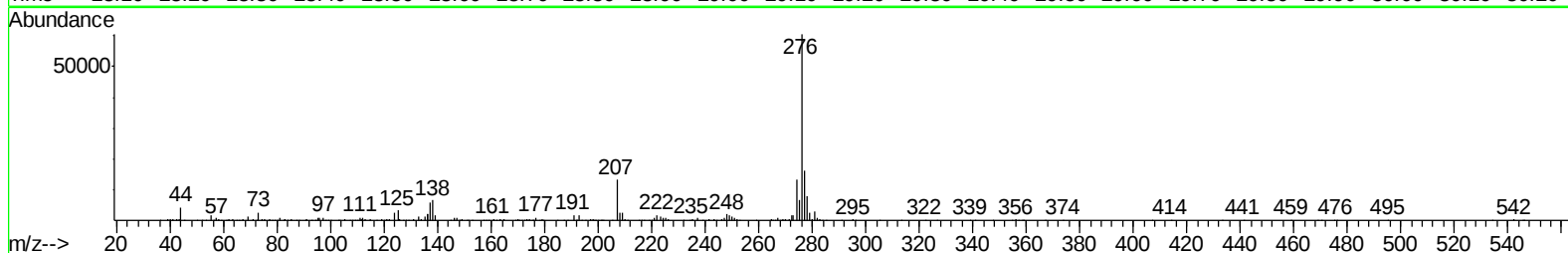
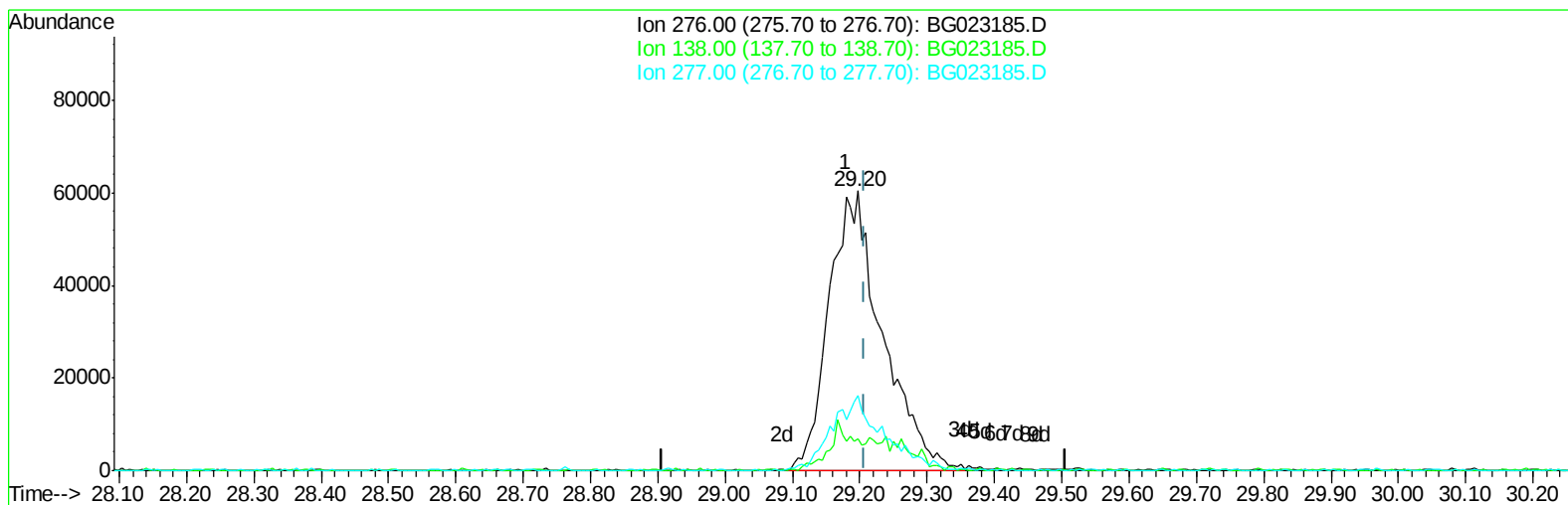
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Misc :
ALS Vial : 2 Sample Multiplier: 1

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TIC: BG023185.D

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

29.197min (-0.010) 5.61ng/ul m

response 332162

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	11.18#
277.00	22.00	26.72#
0.00	0.00	0.00

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Manual Integrations

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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 20 15:17:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	95331	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	430254	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	323614	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	887846	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	984361	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	943338	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	4537	2.66	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.67	132	32508	4.85	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.31	128	18953	5.52	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	19425	4.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	39435	4.56	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	14.20	166	155610	5.92	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	169808	5.64	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.80	176	136709	5.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.67	188	232218	5.63	ng/ul	0.00
76) Pyrene-d10	19.96	212	282922	6.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.05	264	237006	5.29	ng/ul	-0.02

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.54	88	5362m	2.68	ng/uL
10) 2-Chlorophenol	7.70	128	33682	4.94	ng/ul# 89
15) N-Nitroso-di-n-propylamine	8.94	70	43471	5.75	ng/ul# 92
17) Hexachloroethane	9.24	117	16041	5.53	ng/ul# 64
20) Nitrobenzene	9.36	77	57795	5.48	ng/ul# 78
21) Isophorone	9.88	82	113856	6.05	ng/ul# 91
23) 2-Nitrophenol	10.08	139	21695	4.94	ng/ul# 61
24) 2,4-Dimethylphenol	10.13	107	49959	4.75	ng/ul# 88
25) Bis(2-Chloroethoxy)methane	10.37	93	62376	5.62	ng/ul# 94
27) 2,4-Dichlorophenol	10.61	162	38321	4.41	ng/ul 90
28) Naphthalene	11.03	128	114578	5.21	ng/ul 97
31) Hexachlorobutadiene	11.31	225	33142	4.95	ng/ul 91
33) 4-Chloro-3-methylphenol	12.26	107	51434	4.67	ng/ul# 82
34) 2-Methylnaphthalene	12.63	142	93164	5.12	ng/ul 94
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	57750	4.77	ng/ul 91
38) 2,4,6-Trichlorophenol	13.24	196	38936	4.67	ng/ul 95
39) 2,4,5-Trichlorophenol	13.32	196	39306	4.48	ng/ul 92
40) 1,1'-Biphenyl	13.64	154	135199	5.49	ng/ul 95
41) 2-Chloronaphthalene	13.69	162	108678	5.45	ng/ul 99
42) 2-Nitroaniline	13.89	65	45303	5.88	ng/ul# 53
44) Dimethylphthalate	14.25	163	158389	5.90	ng/ul 97
45) 2,6-Dinitrotoluene	14.38	165	31811	5.47	ng/ul# 76
47) Acenaphthylene	14.53	152	173419	5.72	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Acenaphthene	14.87	153	117063	5.68	ng/ul	98
53) Dibenzofuran	15.21	168	173618	5.45	ng/ul#	86
54) 2,4-Dinitrotoluene	15.17	165	49523	5.89	ng/ul#	78
55) 2,3,4,6-Tetrachlorophenol	15.44	232	39065	4.37	ng/ul	95
56) Diethylphthalate	15.61	149	169416	6.21	ng/ul	98
58) Fluorene	15.86	166	147104	5.75	ng/ul#	89
59) 4-Chlorophenyl-phenylether	15.85	204	78933	5.15	ng/ul	98
64) N-Nitrosodiphenylamine	16.07	169	133821	5.12	ng/ul	92
65) 4-Bromophenyl-phenylether	16.75	248	52432	4.41	ng/ul	91
66) Hexachlorobenzene	16.87	284	53980	4.29	ng/ul	94
69) Phenanthrene	17.62	178	258938	5.70	ng/ul	99
71) Anthracene	17.70	178	277422	5.94	ng/ul	98
73) Di-n-butylphthalate	18.52	149	314210	7.09	ng/ul#	98
77) Pyrene	19.99	202	354342	6.43	ng/ul#	88
78) Butylbenzylphthalate	20.87	149	137090	6.41	ng/ul#	82
80) Benzo(a)anthracene	21.87	228	330683	5.73	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.75	149	192388	6.98	ng/ul	96
82) Chrysene	21.94	228	299144	5.69	ng/ul	97
85) Benzo(b)fluoranthene	24.21	252	308913	5.24	ng/ul#	92
86) Benzo(k)fluoranthene	24.28	252	307123	5.55	ng/ul#	92
88) Benzo(a)pyrene	25.13	252	295028	5.27	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	29.20	276	332162m	5.61	ng/ul	
90) Dibenzo(a,h)anthracene	29.26	278	273895	5.59	ng/ul#	88
91) Benzo(g,h,i)perylene	30.40	276	269227	5.80	ng/ul#	85

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

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