Quantitation Report (Qedit)

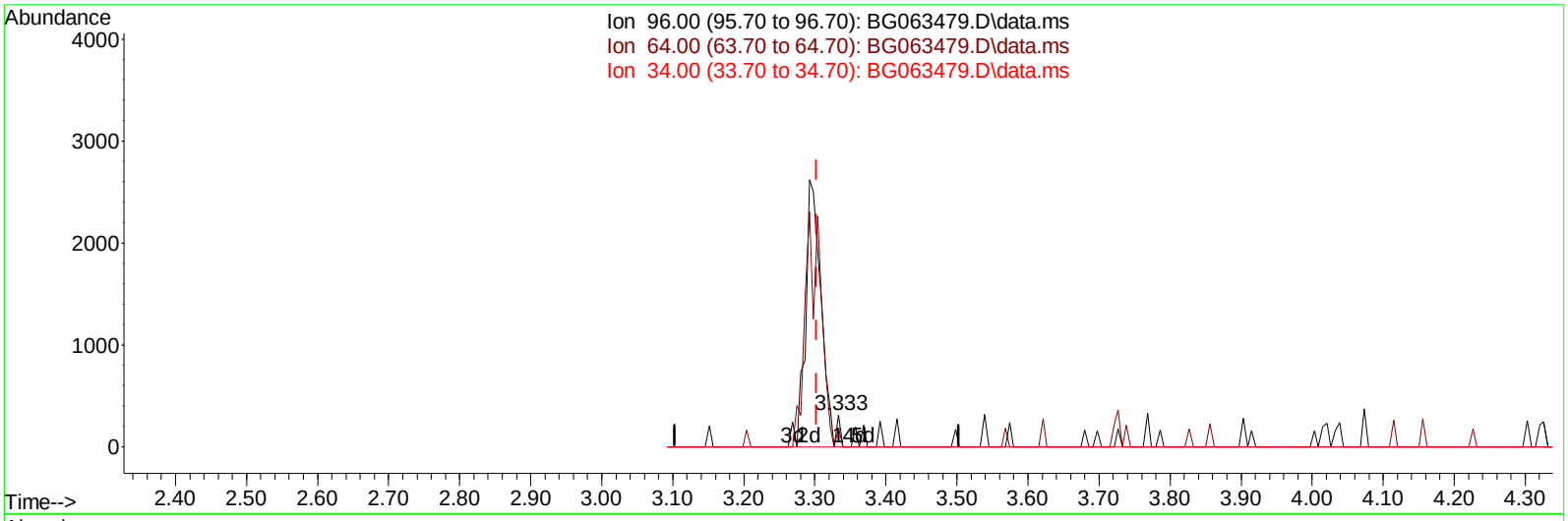
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112024\
Data File : BG063479.D
Acq On : 20 Nov 2024 10:20
Operator : RC/JU
Sample : SSTD00576
Misc :
ALS Vial : 2 Sample Multiplier: 1

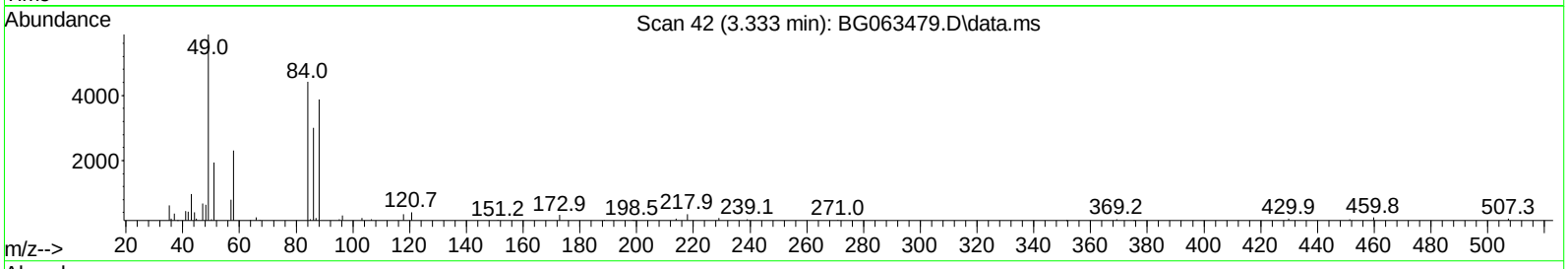
Quant Time: Nov 20 13:43:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 13:32:55 2024
Response via : Initial Calibration

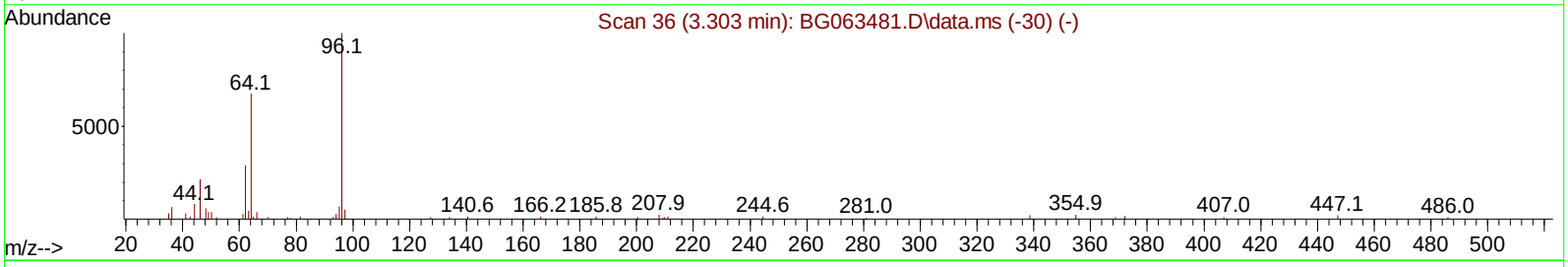
Instrument :
BNA_G
ClientSampleId :
SSTD005417

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024







TIC: BG063479.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.333min (+ 0.030) 0.05 ng/uL

response 111

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.50	58.60
34.00	0.00	0.00
0.00	0.00	0.00

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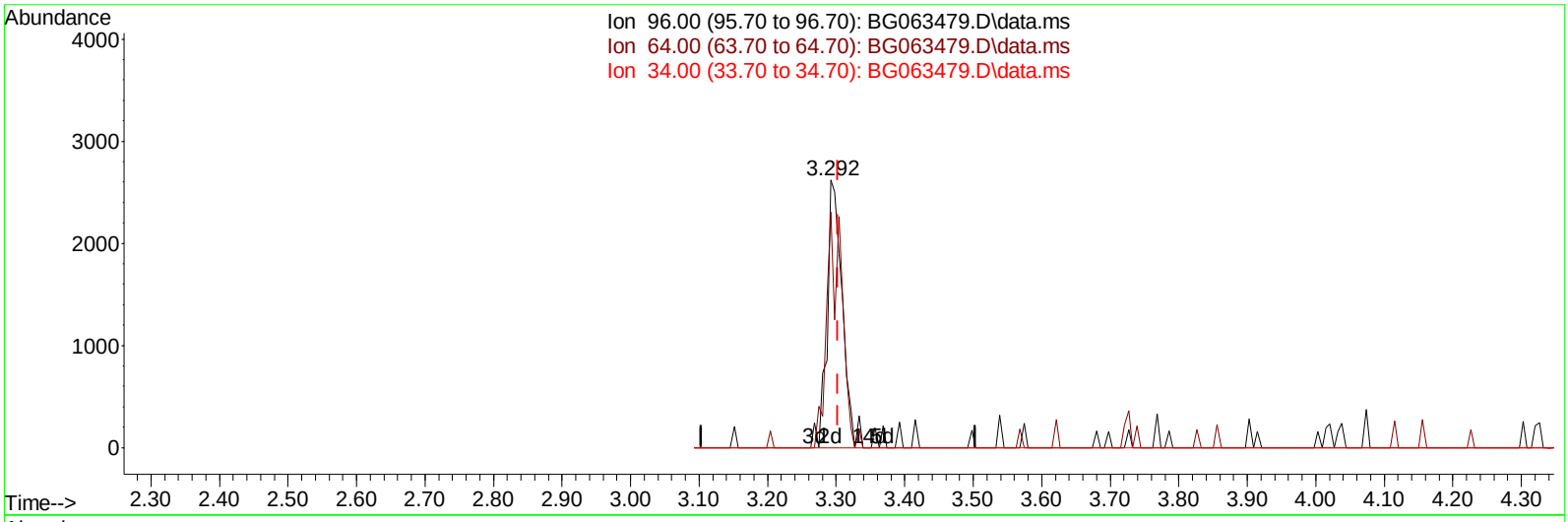

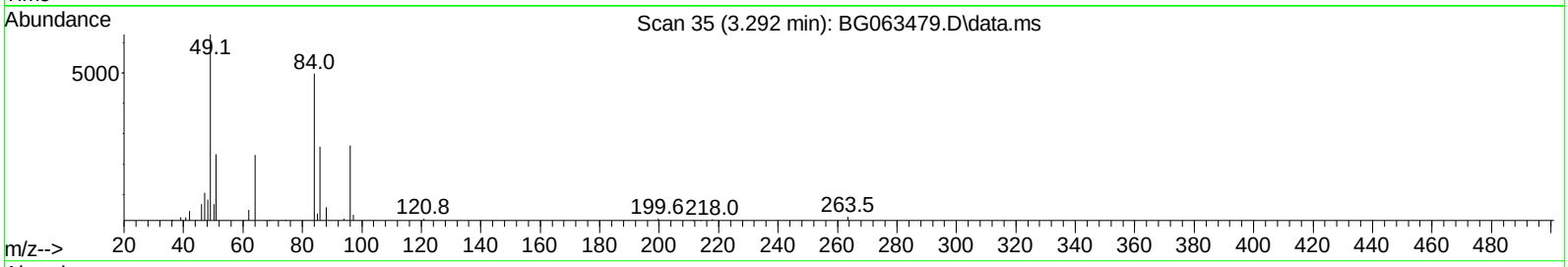

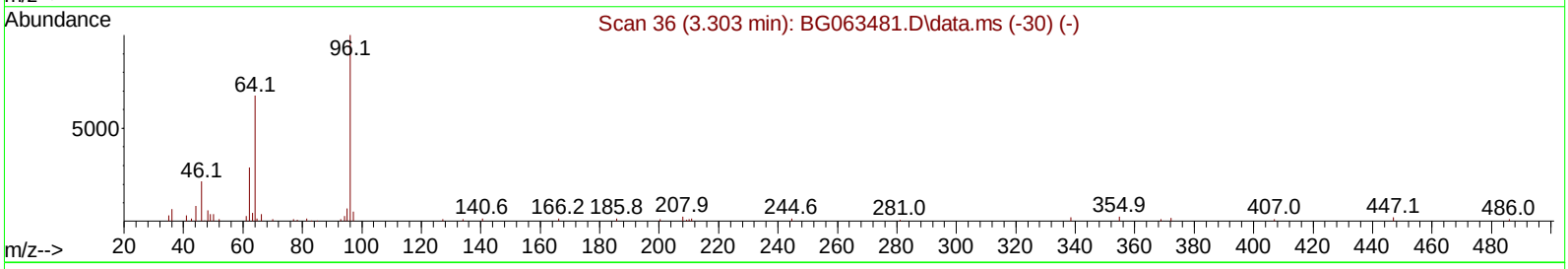

TIC: BG063479.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.292min (-0.011) 2.01 ng/uL m

response 4111

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.50	88.05#
34.00	0.00	0.00
0.00	0.00	0.00

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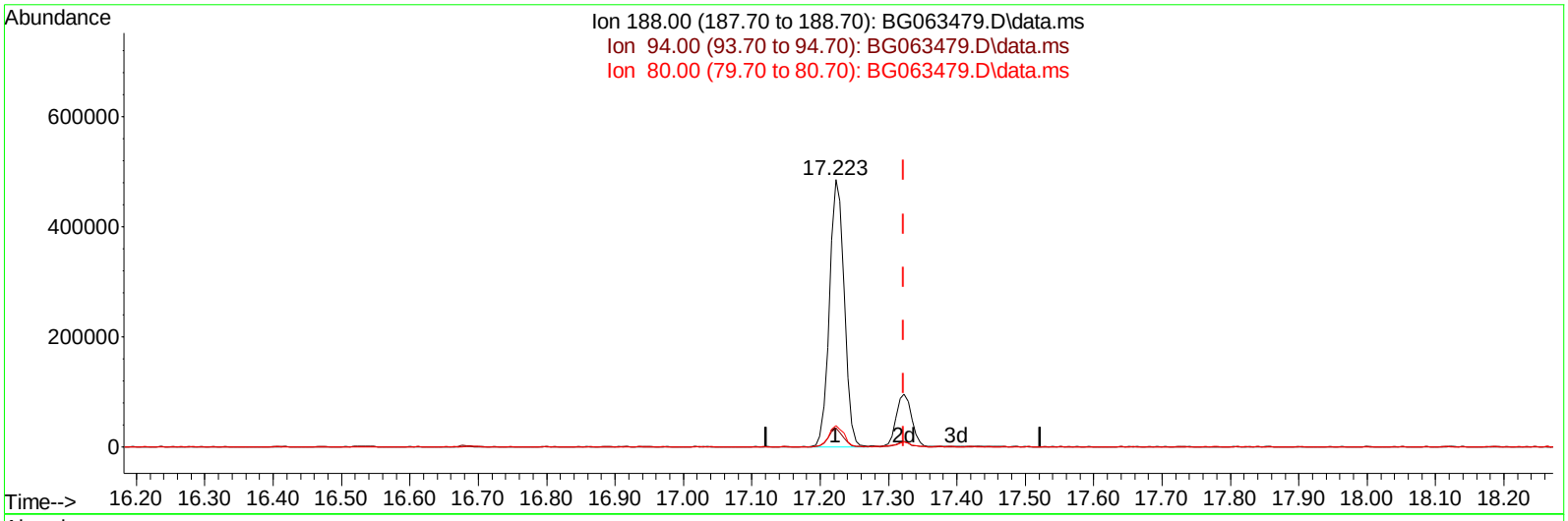

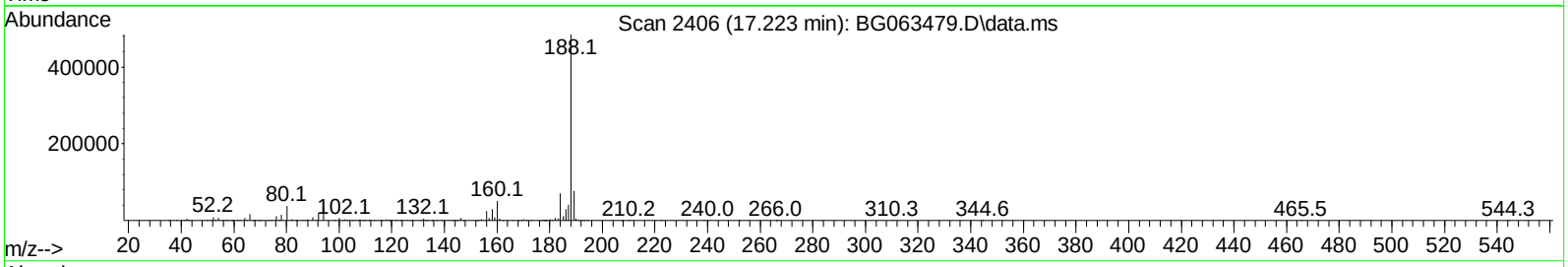

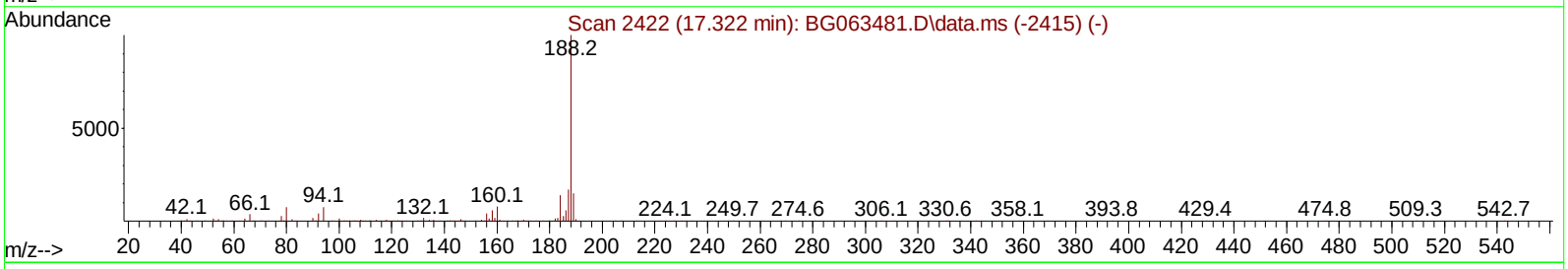

TIC: BG063479.D\data.ms

(73) Anthracene-d10 (S)

17.223min (-0.099) 22.86 ng/ul

response 722455

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	7.50	7.09
80.00	7.40	7.88
0.00	0.00	0.00

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ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 20 13:43:19 2024
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Instrument :
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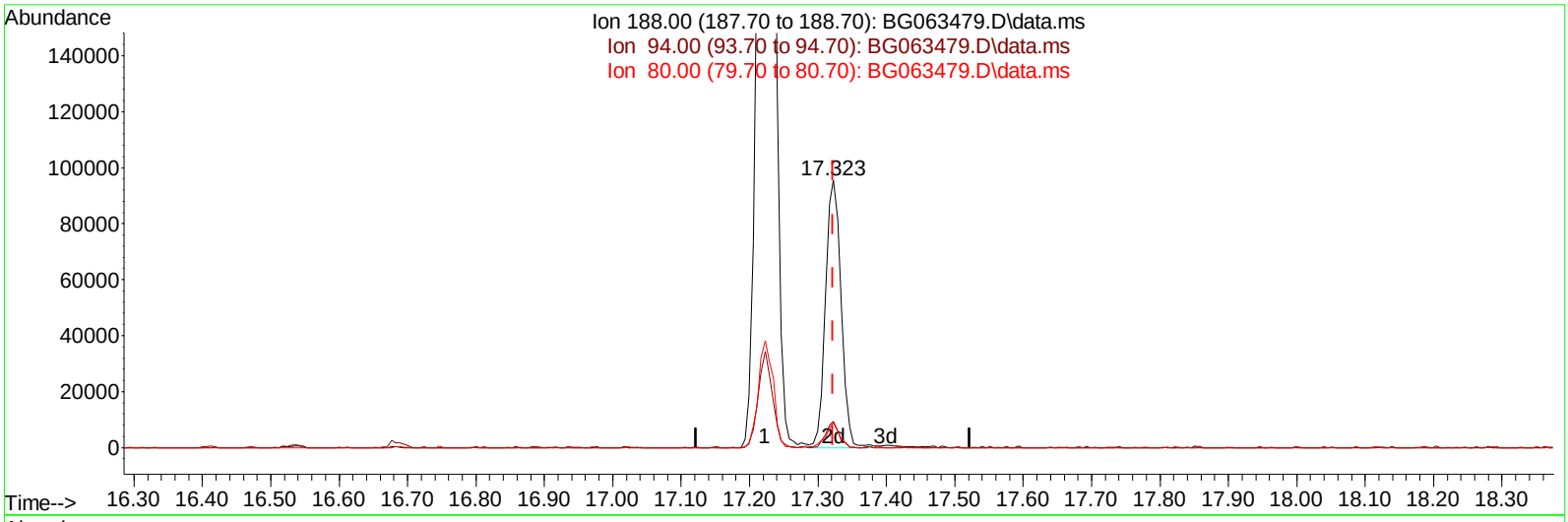

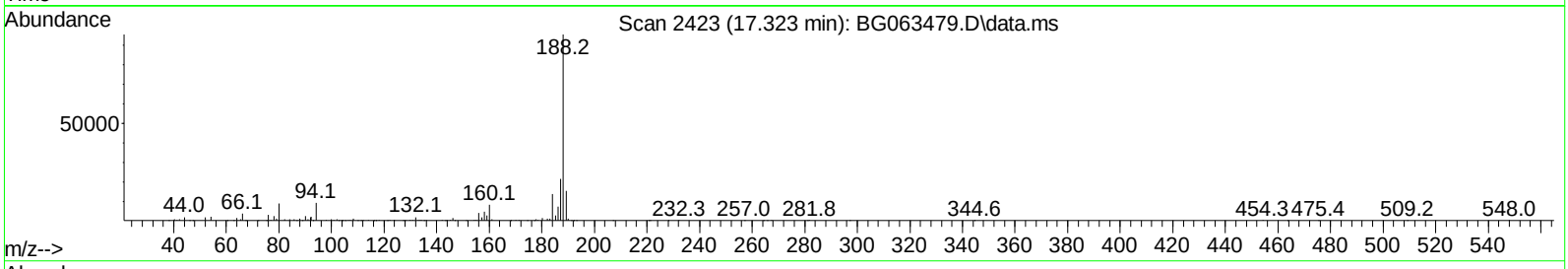

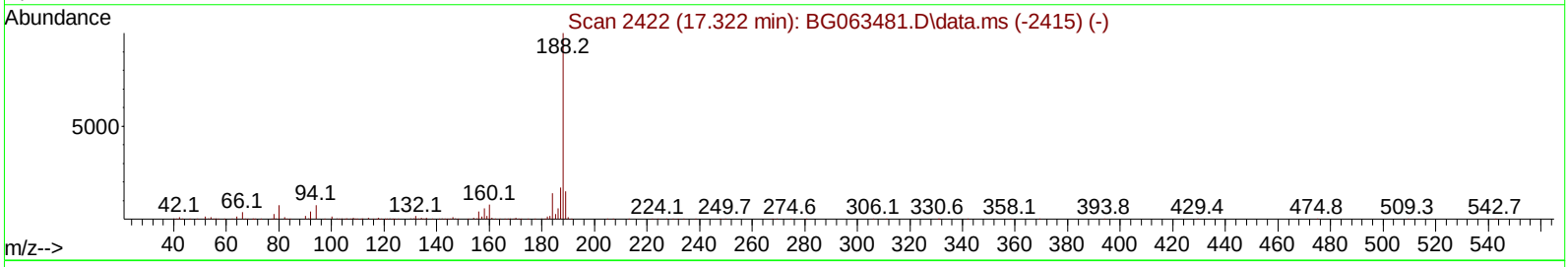

TIC: BG063479.D\data.ms

(73) Anthracene-d10 (S)

17.323min (+ 0.001) 4.75 ng/ul m

response 150128

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	7.50	9.77#
80.00	7.40	9.36#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	91182	20.000	ng/ul	0.00
20) Naphthalene-d8	10.619	136	364453	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.473	164	286727	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.223	188	722455	20.000	ng/ul	0.00
79) Chrysene-d12	21.483	240	883148	20.000	ng/ul	0.00
88) Perylene-d12	24.526	264	965080	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.292	96	4111m	2.010	ng/uL	-0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.364	132	23859	4.486	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.985	128	10988	4.188	ng/ul	0.00
24) 2-Nitrophenol-d4	9.702	143	14715	4.401	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.255	165	26654	4.063	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.880	166	89633	4.050	ng/ul	0.00
49) Acenaphthylene-d8	14.162	160	105751	4.732	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.466	176	86148	4.568	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.323	188	150128m	4.750	ng/ul	0.00
81) Pyrene-d10	19.620	212	207448	4.595	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.309	264	216782	4.576	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.333	88	5039	2.012	ng/uL	94
12) 2-Chlorophenol	7.399	128	28191	4.912	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.633	70	24314	3.821	ng/ul#	82
19) Hexachloroethane	8.909	117	11684	4.994	ng/ul#	76
22) Nitrobenzene	9.027	77	35204	4.393	ng/ul#	95
23) Isophorone	9.544	82	67264	4.101	ng/ul	99
25) 2-Nitrophenol	9.737	139	14438	4.394	ng/ul#	77
26) 2,4-Dimethylphenol	9.808	107	32403	4.527	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.031	93	38070	4.693	ng/ul	96
29) 2,4-Dichlorophenol	10.278	162	27563	4.464	ng/ul	91
30) Naphthalene	10.672	128	86736	4.595	ng/ul#	94
33) Hexachlorobutadiene	10.954	225	25917	4.489	ng/ul#	89
35) 4-Chloro-3-methylphenol	11.923	107	27421	3.841	ng/ul#	93
36) 2-Methylnaphthalene	12.287	142	61113	4.189	ng/ul	96
37) 1-Methylnaphthalene	12.505	142	67994	4.500	ng/ul#	90
39) 1,2,4,5-Tetrachloroben...	12.658	216	47649	4.661	ng/ul#	94
41) 2,4,6-Trichlorophenol	12.904	196	26226	4.777	ng/ul	96
42) 2,4,5-Trichlorophenol	12.981	196	24870	4.180	ng/ul	91
43) 1,1'-Biphenyl	13.298	154	89091	4.775	ng/ul	93
44) 2-Chloronaphthalene	13.339	162	71548	4.908	ng/ul	96
45) 2-Nitroaniline	13.551	65	18804	3.818	ng/ul	88
47) Dimethylphthalate	13.927	163	90815	4.261	ng/ul	99
48) 2,6-Dinitrotoluene	14.044	165	16373	3.963	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Acenaphthylene	14.191	152	104685	4.676	ng/ul	96
52) Acenaphthene	14.538	153	78062	4.883	ng/ul	97
56) Dibenzofuran	14.873	168	108401	4.487	ng/ul	96
57) 2,4-Dinitrotoluene	14.849	165	25402	3.898	ng/ul#	73
58) 2,3,4,6-Tetrachlorophenol	15.108	232	23710	3.913	ng/ul#	98
59) Diethylphthalate	15.296	149	91190	4.191	ng/ul	99
61) Fluorene	15.519	166	96453	4.734	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.519	204	57059	4.433	ng/ul	97
67) N-Nitrosodiphenylamine	15.730	169	79908	4.803	ng/ul	96
68) 4-Bromophenyl-phenylether	16.412	248	36574	4.370	ng/ul	93
69) Hexachlorobenzene	16.535	284	40164	4.524	ng/ul#	87
72) Phenanthrene	17.264	178	166101	4.919	ng/ul	99
74) Anthracene	17.358	178	171737	4.965	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.269	216	48206	4.969	ng/ul	90
76) Pentachlorobenzene	14.796	250	46718	4.569	ng/ul	87
78) Di-n-butylphthalate	18.192	149	156585	4.763	ng/ul	99
80) Fluoranthene	19.291	202	230783	4.714	ng/ul#	96
82) Pyrene	19.649	202	253097	4.830	ng/ul	99
83) Butylbenzylphthalate	20.554	149	78467	5.018	ng/ul	90
85) Benzo(a)anthracene	21.465	228	278303	4.892	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.383	149	115676	5.098	ng/ul	98
87) Chrysene	21.530	228	260417	4.894	ng/ul	99
90) Benzo(b)fluoranthene	23.562	252	263336	4.505	ng/ul	99
91) Benzo(k)fluoranthene	23.627	252	273515	4.601	ng/ul	97
93) Benzo(a)pyrene	24.373	252	256407	4.696	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.940	276	305644	4.540	ng/ul#	94
95) Dibenzo(a,h)anthracene	28.004	278	251864	4.559	ng/ul	93
96) Benzo(g,h,i)perylene	29.015	276	232787	4.572	ng/ul	97

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

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