Quantitation Report (Qedit)

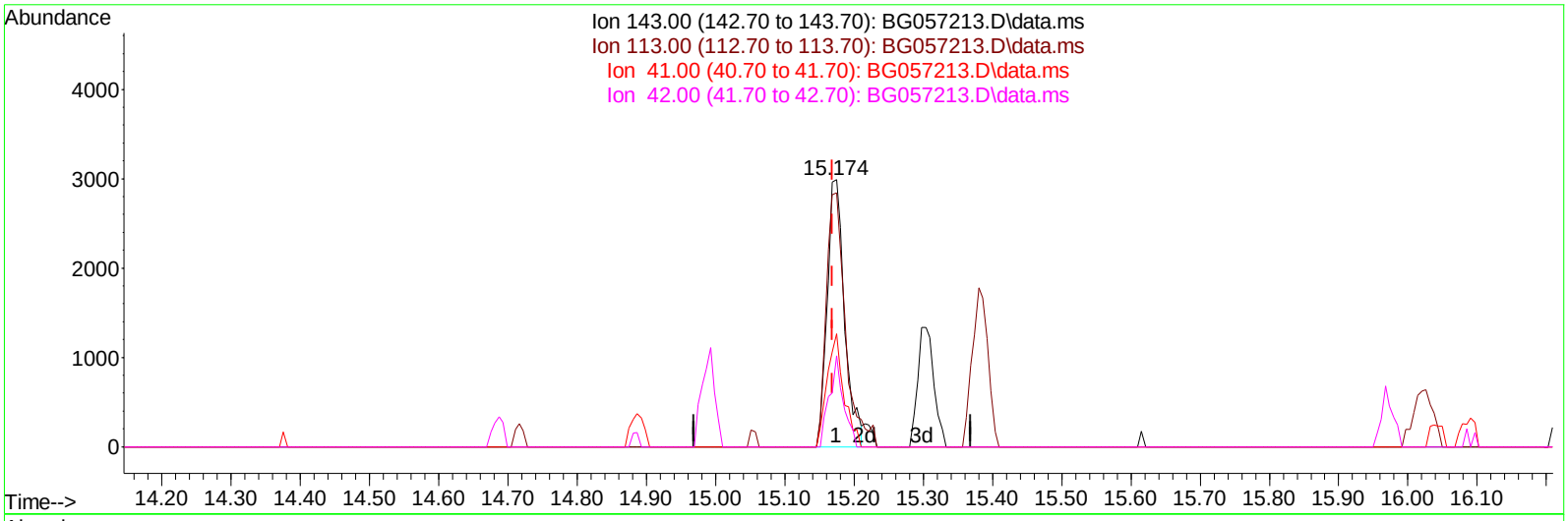
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057213.D
Acq On : 28 Apr 2023 11:17
Operator : CG/JU
Sample : SSTD01081
Misc :
ALS Vial : 3 Sample Multiplier: 1

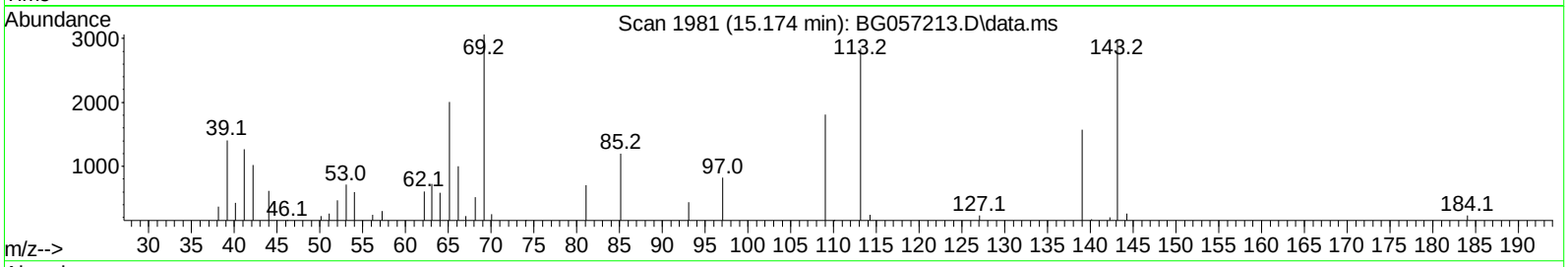
Quant Time: Apr 28 22:48:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 28 14:45:43 2023
Response via : Initial Calibration

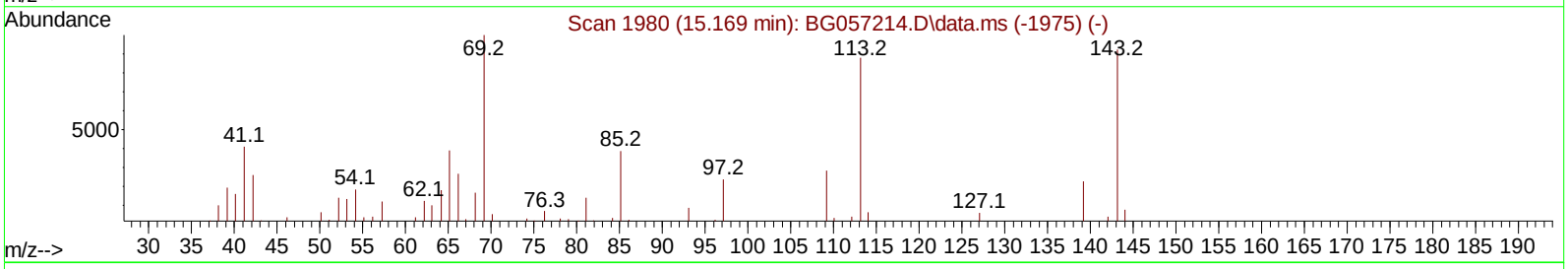
Instrument :
BNA_G
ClientSampleId :
SSTD010429

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023







TIC: BG057213.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.174min (+ 0.006) 8.83 ng/ul

response 5176

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	95.60	95.21
41.00	44.40	42.44
42.00	28.40	34.14#

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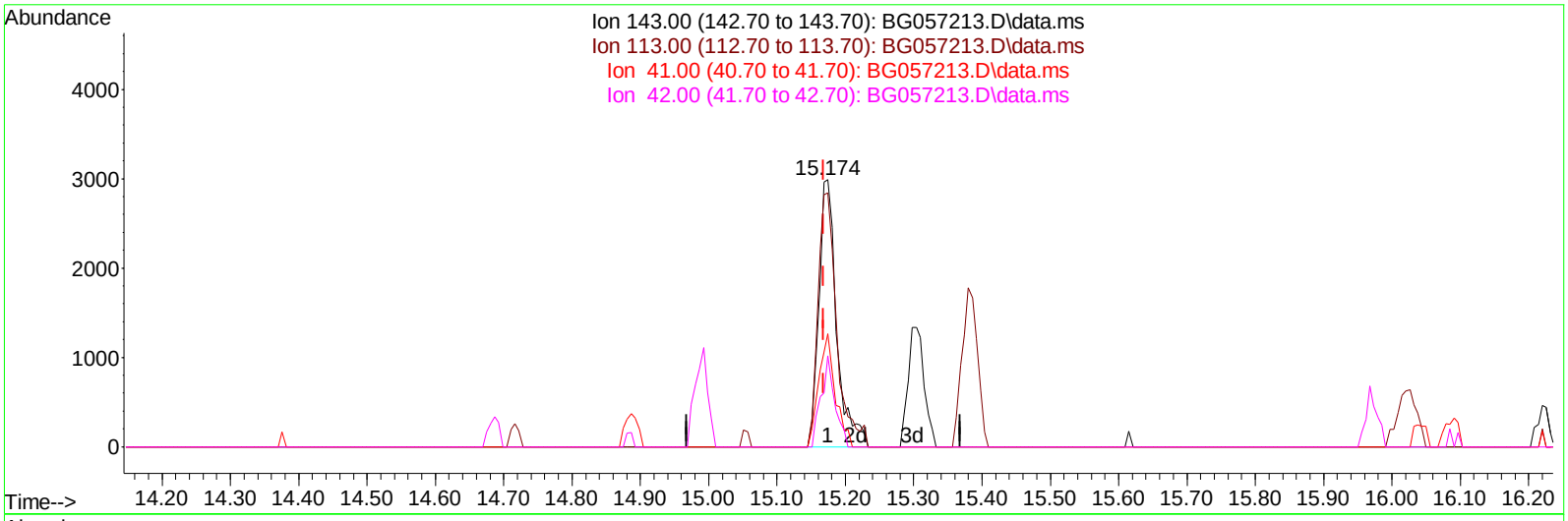

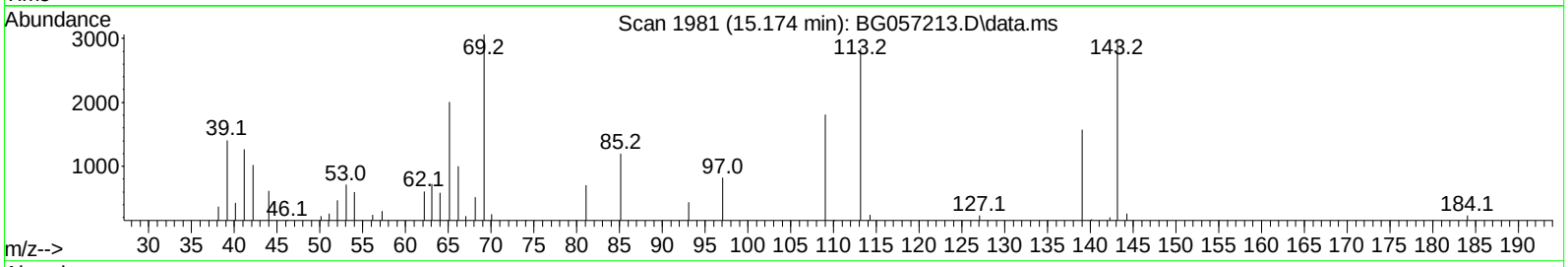

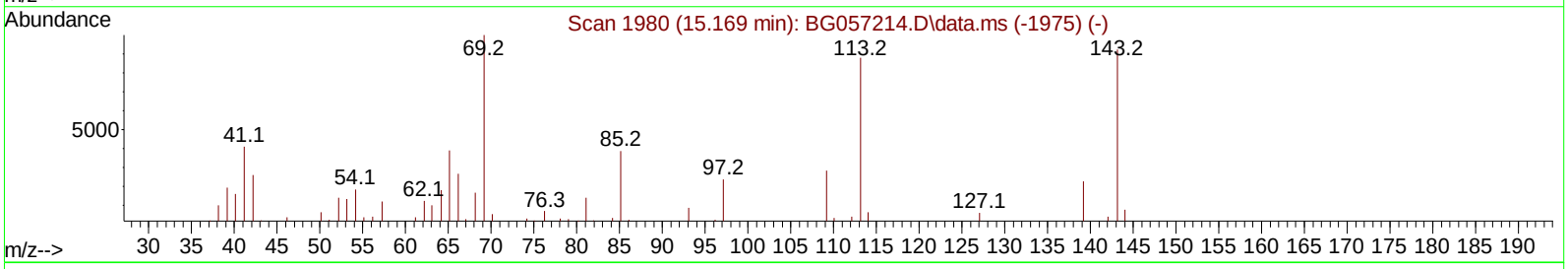

TIC: BG057213.D\data.ms

(54) 4-Nitrophenol-d4 (S)

15.174min (+ 0.006) 9.22 ng/ul m

response 5406

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	95.60	95.21
41.00	44.40	42.44
42.00	28.40	34.14#

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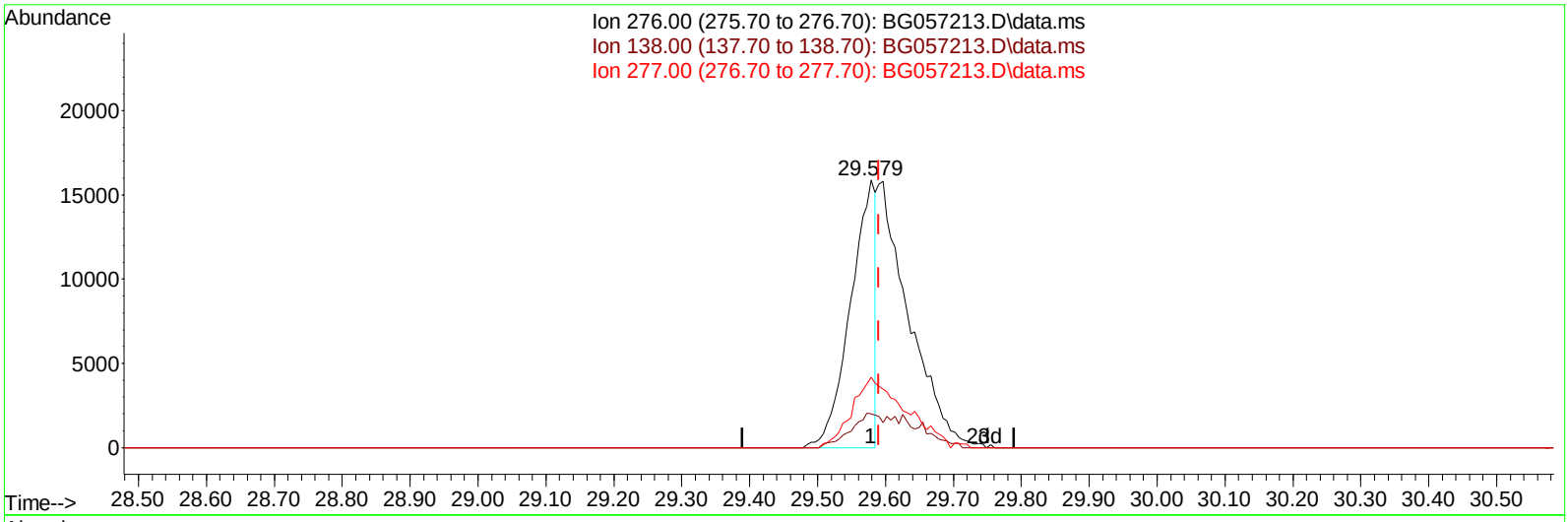

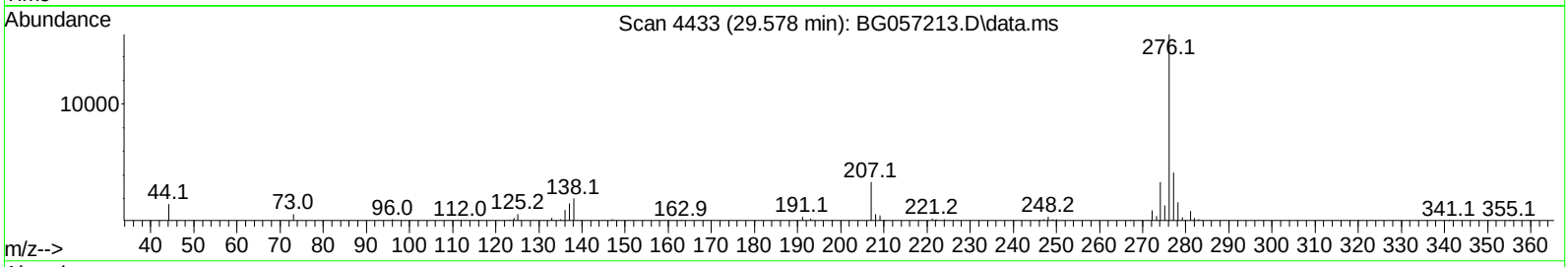

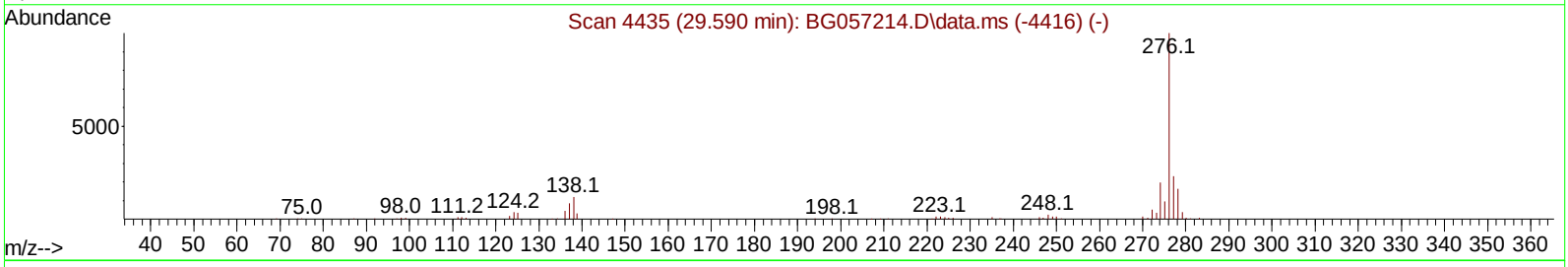

TIC: BG057213.D\data.ms

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

29.578min (-0.012) 4.33 ng/ul

response 40620

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.80	12.72
277.00	23.30	26.33
0.00	0.00	0.00

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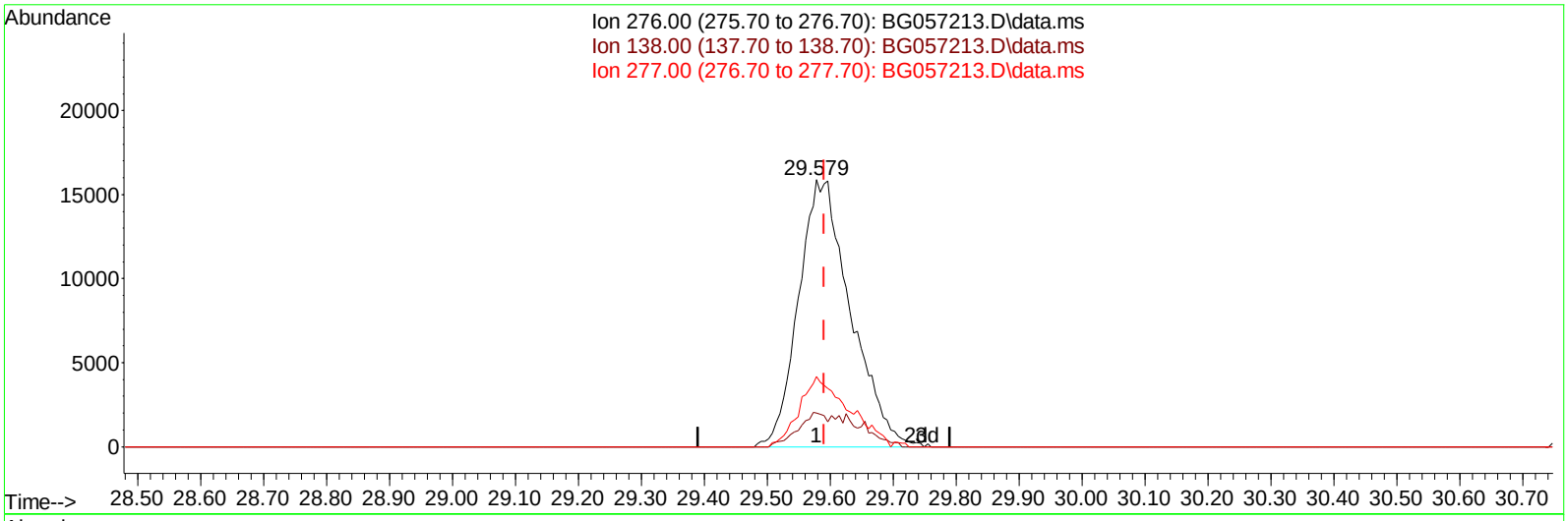

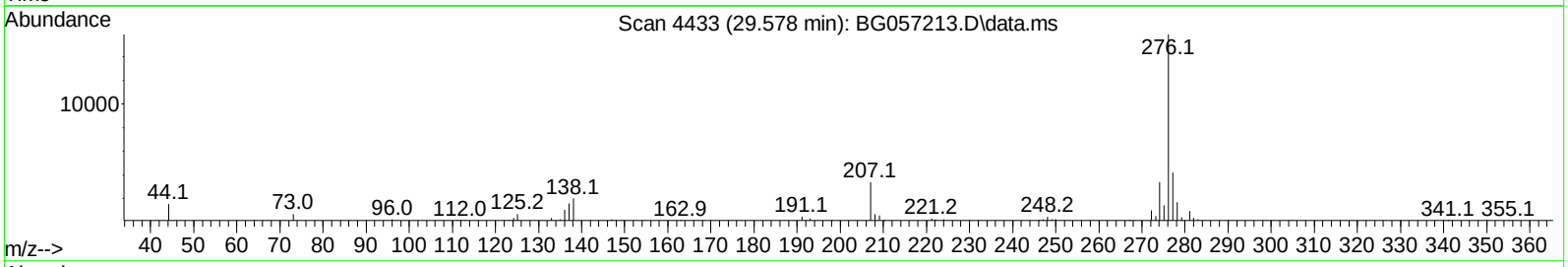

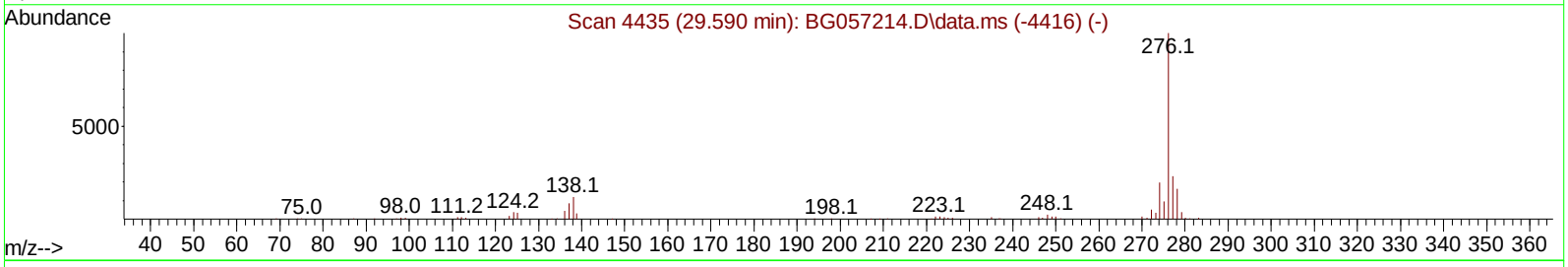

TIC: BG057213.D\data.ms

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

29.578min (-0.012) 9.73 ng/ul m

response 91202

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.80	12.72
277.00	23.30	26.33
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	8.378	152	14670	20.000	ng/ul	0.00
20) Naphthalene-d8	11.215	136	63400	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.986	164	51242	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.724	188	132936	20.000	ng/ul	0.00
79) Chrysene-d12	22.036	240	120837	20.000	ng/ul	0.00
88) Perylene-d12	25.543	264	125435	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.661	96	1272	3.816	ng/uL	0.00
4) Pyridine-d5	4.101	84	10086	9.597	ng/ul	0.00
7) Phenol-d5	7.514	99	12845	9.259	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.679	67	8109	9.937	ng/ul	0.00
11) 2-Chlorophenol-d4	7.902	132	9309	10.182	ng/ul	0.00
15) 4-Methylphenol-d8	9.077	113	9579	9.084	ng/ul	0.00
21) Nitrobenzene-d5	9.553	128	5016	9.935	ng/ul	0.00
24) 2-Nitrophenol-d4	10.281	143	5736	9.735	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.827	165	11080	9.747	ng/ul	0.00
31) 4-Chloroaniline-d4	11.344	131	15096	10.019	ng/ul	0.00
46) Dimethylphthalate-d6	14.376	166	41238	10.156	ng/ul	0.00
49) Acenaphthylene-d8	14.687	160	45266	9.919	ng/ul	0.00
54) 4-Nitrophenol-d4	15.174	143	5406m	9.219	ng/ul	0.00
60) Fluorene-d10	15.973	176	38734	10.240	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.085	200	6887	8.744	ng/ul	0.00
73) Anthracene-d10	17.824	188	60986	10.051	ng/ul	0.00
81) Pyrene-d10	20.091	212	72870	10.160	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.302	264	61645	9.646	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.696	88	1307	3.697	ng/uL#	87
5) Pyridine	4.119	79	10542	9.515	ng/ul	98
6) Benzaldehyde	7.503	77	3592	8.477	ng/ul#	74
8) Phenol	7.544	94	13106	9.373	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.773	93	10219	9.765	ng/ul	95
12) 2-Chlorophenol	7.937	128	9155	9.533	ng/ul#	87
13) 2-Methylphenol	8.813	108	10327	9.530	ng/ul	88
14) 2,2'-oxybis(1-Chloropr...	8.895	45	13135	9.720	ng/ul#	92
16) Acetophenone	9.206	105	17751	9.783	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.171	70	10397	9.972	ng/ul	99
18) 4-Methylphenol	9.141	108	11072	9.439	ng/ul	95
19) Hexachloroethane	9.476	117	4152	10.334	ng/ul	93
22) Nitrobenzene	9.600	77	15114	10.053	ng/ul	97
23) Isophorone	10.117	82	28610	10.002	ng/ul	99
25) 2-Nitrophenol	10.322	139	5950	9.970	ng/ul#	86
26) 2,4-Dimethylphenol	10.352	107	13446	9.931	ng/ul#	93
27) Bis(2-Chloroethoxy)met...	10.592	93	14782	9.941	ng/ul	94
29) 2,4-Dichlorophenol	10.857	162	10547	9.774	ng/ul	96
30) Naphthalene	11.262	128	34598	9.939	ng/ul	98
32) 4-Chloroaniline	11.362	127	15866	10.106	ng/ul	98
33) Hexachlorobutadiene	11.538	225	9005	9.839	ng/ul	94
34) Caprolactam	12.114	113	3545	9.800	ng/ul	90
35) 4-Chloro-3-methylphenol	12.461	107	12119	9.761	ng/ul	95

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.842	142	26050	10.205	ng/ul	96
37)	1-Methylnaphthalene	13.060	142	26262	10.231	ng/ul#	97
39)	1,2,4,5-Tetrachloroben...	13.201	216	18061	9.699	ng/ul	96
40)	Hexachlorocyclopentadiene	13.177	237	5438	5.852	ng/ul	90
41)	2,4,6-Trichlorophenol	13.436	196	10340	9.534	ng/ul	95
42)	2,4,5-Trichlorophenol	13.512	196	10826	9.298	ng/ul	93
43)	1,1'-Biphenyl	13.823	154	38620	9.877	ng/ul	97
44)	2-Chloronaphthalene	13.876	162	30125	9.937	ng/ul	96
45)	2-Nitroaniline	14.070	65	8409	9.188	ng/ul	94
47)	Dimethylphthalate	14.423	163	42027	10.307	ng/ul	100
48)	2,6-Dinitrotoluene	14.552	165	8033	9.573	ng/ul#	92
50)	Acenaphthylene	14.716	152	46859	10.105	ng/ul	99
51)	3-Nitroaniline	14.887	138	5460	9.183	ng/ul	99
52)	Acenaphthene	15.051	153	32836	9.938	ng/ul	99
53)	2,4-Dinitrophenol	15.104	184	2999	6.711	ng/ul	93
55)	4-Nitrophenol	15.192	109	5975	8.918	ng/ul	93
56)	Dibenzofuran	15.380	168	47911	10.041	ng/ul	95
57)	2,4-Dinitrotoluene	15.339	165	12094	10.068	ng/ul	88
58)	2,3,4,6-Tetrachlorophenol	15.609	232	10063	9.511	ng/ul#	99
59)	Diethylphthalate	15.768	149	41687	10.063	ng/ul	98
61)	Fluorene	16.026	166	41050	10.174	ng/ul	98
62)	4-Chlorophenyl-phenyle...	16.009	204	23724	10.075	ng/ul	97
63)	4-Nitroaniline	16.038	138	4658	8.273	ng/ul	88
66)	4,6-Dinitro-2-methylph...	16.097	198	6831	8.511	ng/ul#	97
67)	N-Nitrosodiphenylamine	16.220	169	34634	9.974	ng/ul	99
68)	4-Bromophenyl-phenylether	16.902	248	16000	10.070	ng/ul	97
69)	Hexachlorobenzene	17.031	284	16328	9.759	ng/ul	96
70)	Atrazine	17.148	200	15050	9.752	ng/ul	91
71)	Pentachlorophenol	17.377	266	6010	7.857	ng/ul	96
72)	Phenanthrene	17.771	178	70780	10.224	ng/ul	98
74)	Anthracene	17.859	178	71577	10.293	ng/ul	97
75)	1,2,3,4-Tetrachloroben...	13.800	216	19291	9.648	ng/uL	96
76)	Pentachlorobenzene	15.304	250	19881	9.768	ng/uL	95
77)	Carbazole	18.123	167	58585	10.081	ng/ul	98
78)	Di-n-butylphthalate	18.646	149	65895	9.916	ng/ul	99
80)	Fluoranthene	19.757	202	84360	9.901	ng/ul	99
82)	Pyrene	20.121	202	88185	10.224	ng/ul	97
83)	Butylbenzylphthalate	20.973	149	26215	9.491	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.912	252	27359	10.195	ng/ul	91
85)	Benzo(a)anthracene	22.012	228	83765	9.801	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.865	149	38319	9.538	ng/ul	94
87)	Chrysene	22.083	228	80365	9.967	ng/ul	96
89)	Di-n-octyl phthalate	23.164	149	64853	9.363	ng/ul	100
90)	Benzo(b)fluoranthene	24.415	252	83407	9.602	ng/ul	98
91)	Benzo(k)fluoranthene	24.491	252	85264	10.090	ng/ul	97
93)	Benzo(a)pyrene	25.378	252	75063	10.010	ng/ul	97
94)	Indeno(1,2,3-cd)pyrene	29.578	276	91202m	9.728	ng/ul	
95)	Dibenzo(a,h)anthracene	29.649	278	75486	9.711	ng/ul#	96
96)	Benzo(g,h,i)perylene	30.859	276	73815	9.730	ng/ul	94

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

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