Quantitation Report (Qedit)

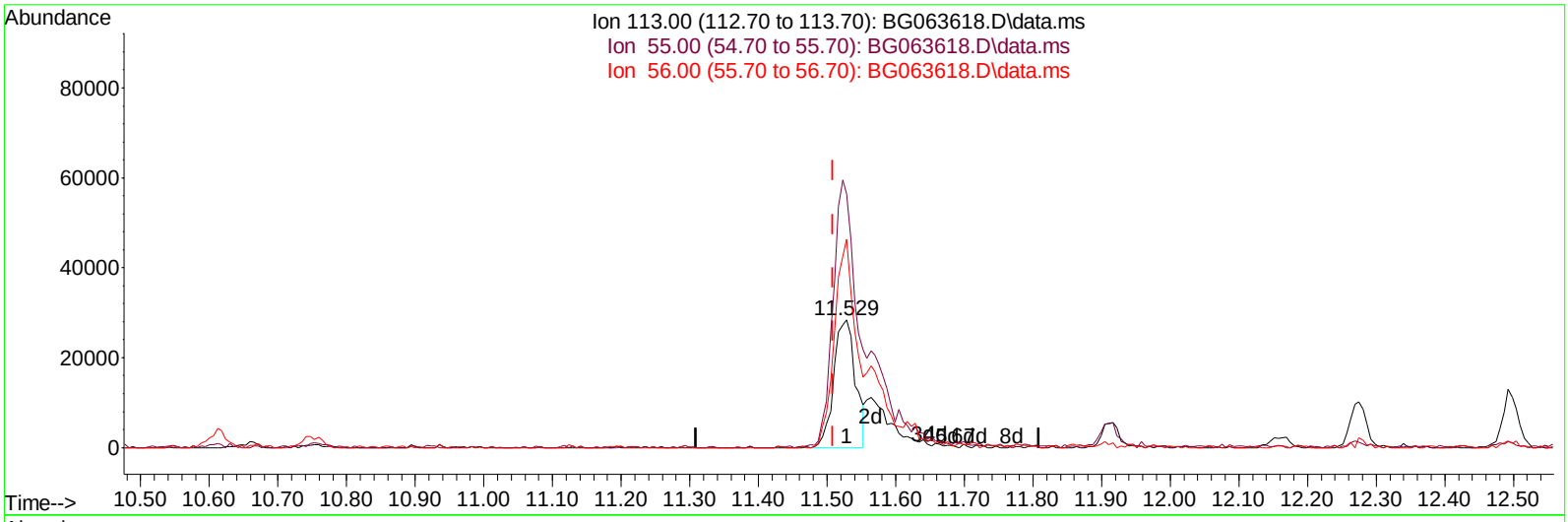
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063618.D
Acq On : 10 Dec 2024 1:12
Operator : RC/JU
Sample : PB165438BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

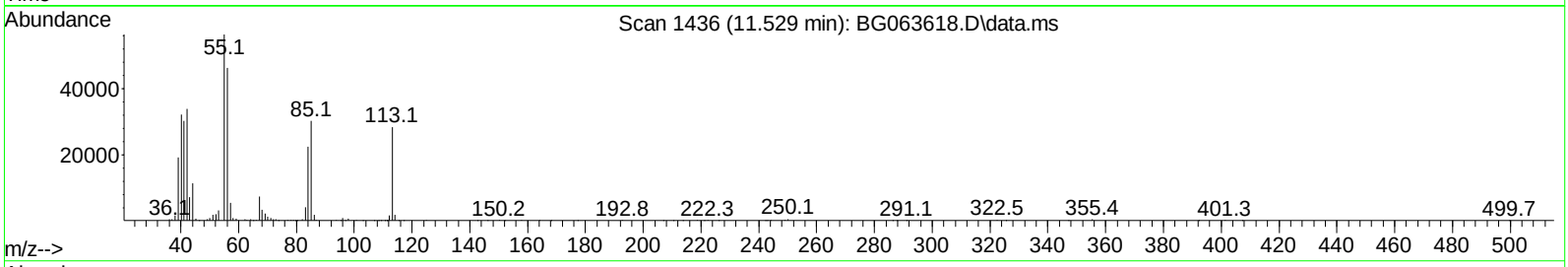
Quant Time: Dec 10 03:31:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 06 15:14:46 2024
Response via : Initial Calibration

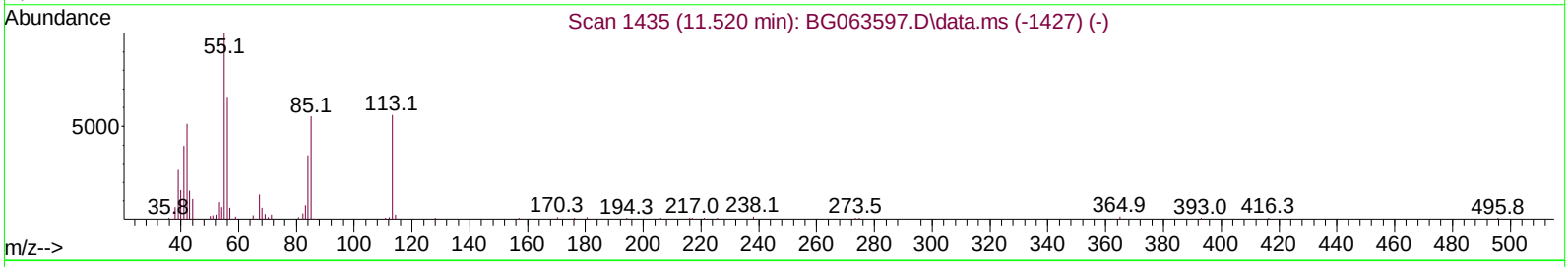
Instrument :
BNA_G
ClientSampleId :
SLCS438

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024







TIC: BG063618.D\data.ms

(34) Caprolactam

11.529min (+ 0.019) 23.61 ng/ul

response 62505

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	166.60	198.62
56.00	152.00	163.05
0.00	0.00	0.00

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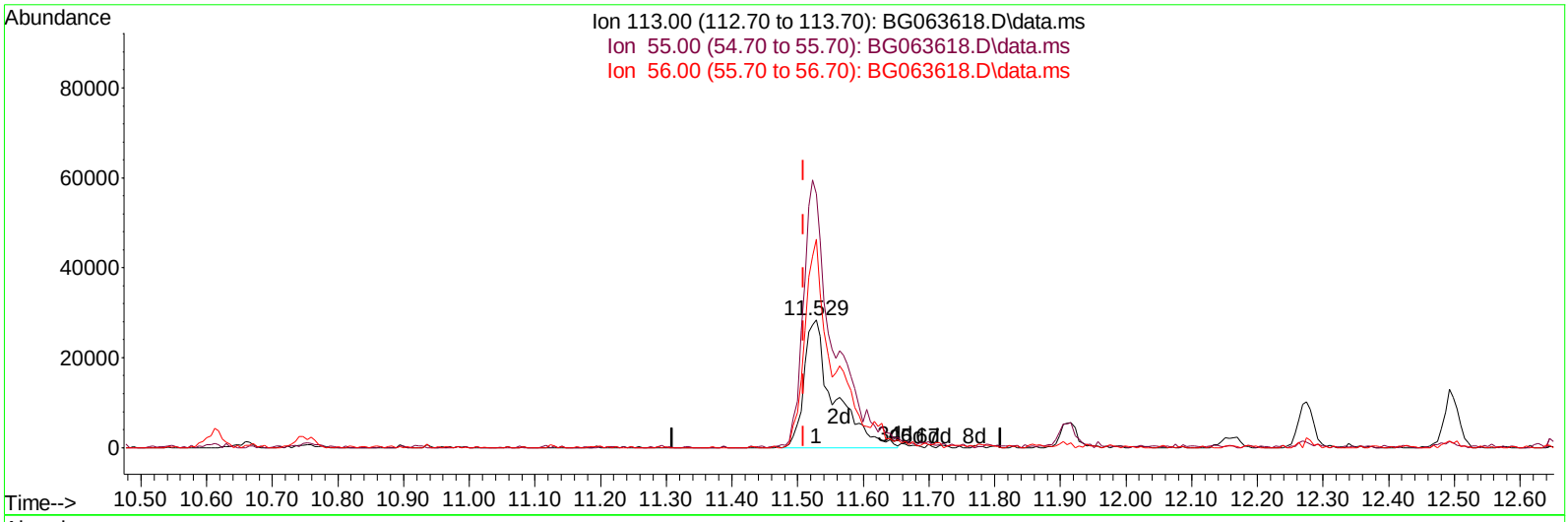

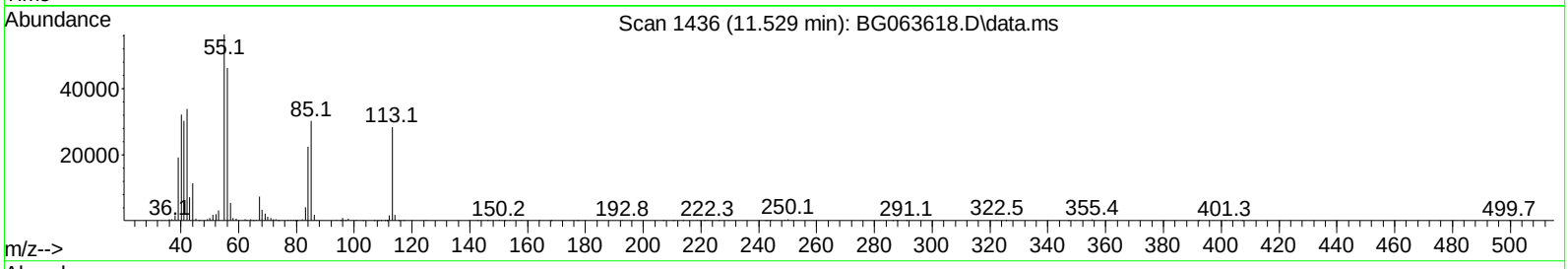

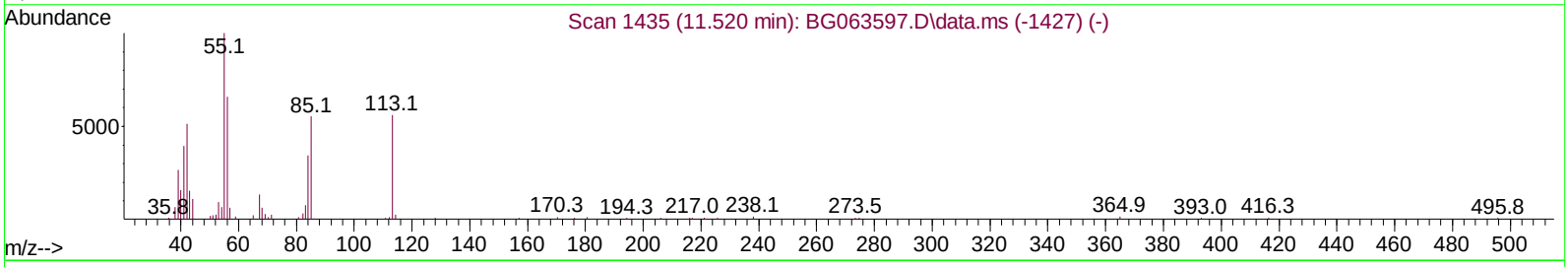

TIC: BG063618.D\data.ms

(34) Caprolactam

11.529min (+ 0.019) 34.33 ng/ul m

response 90893

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	166.60	198.62
56.00	152.00	163.05
0.00	0.00	0.00

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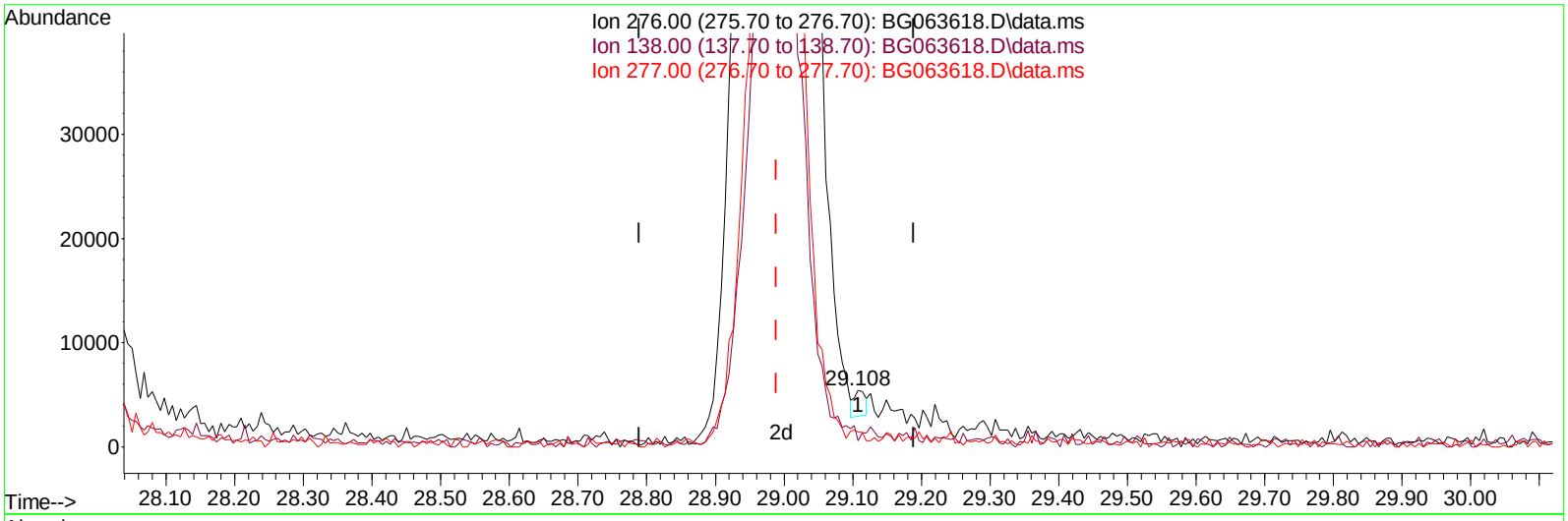

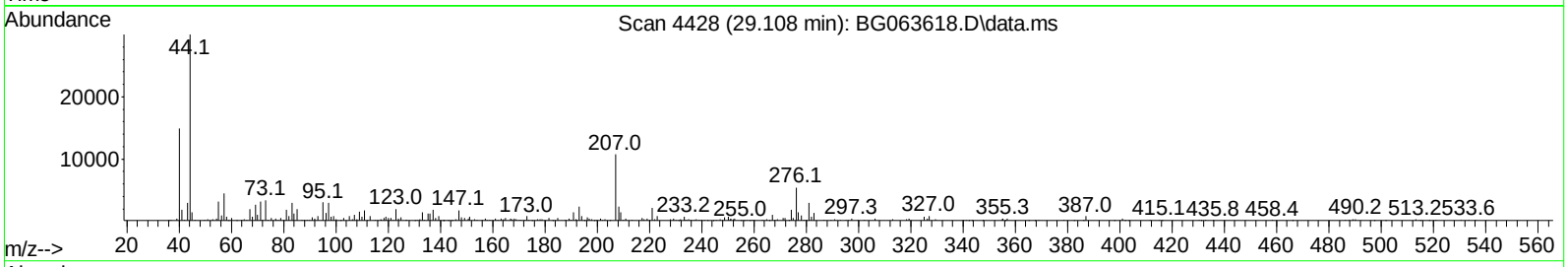

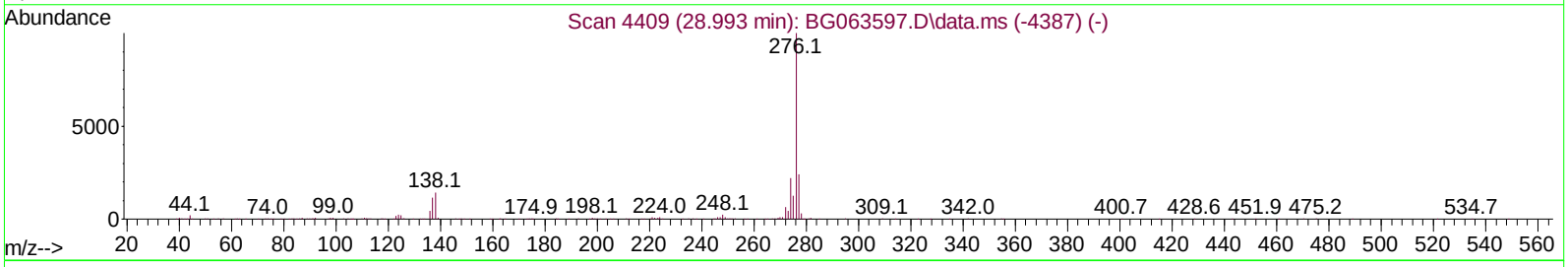

TIC: BG063618.D\data.ms

(96) Benzo(g,h,i)perylene

29.108min (+ 0.119) 0.06 ng/ul

response 2944

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.20	10.40
277.00	22.90	26.49
0.00	0.00	0.00

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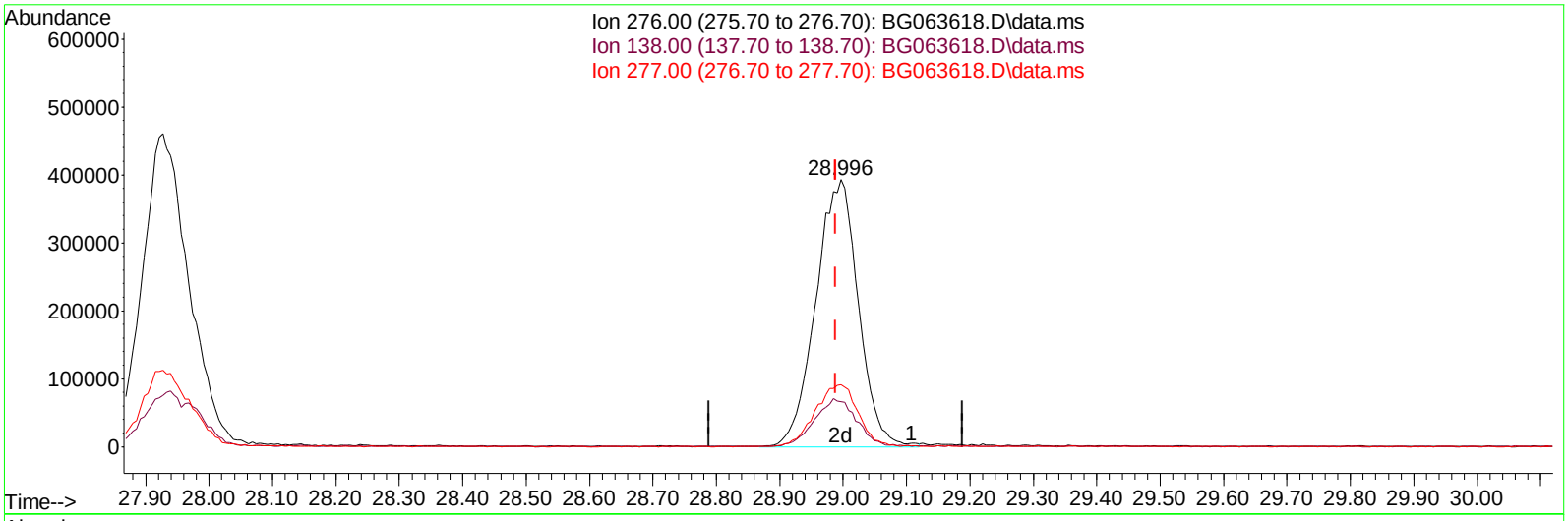

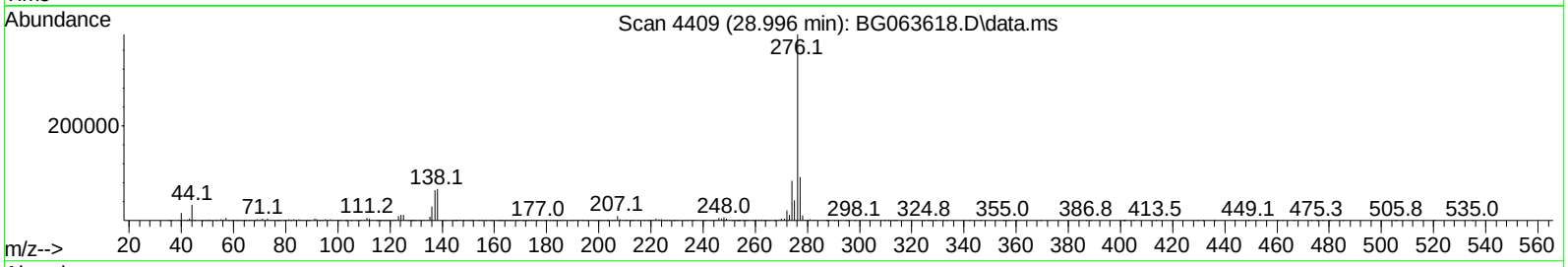

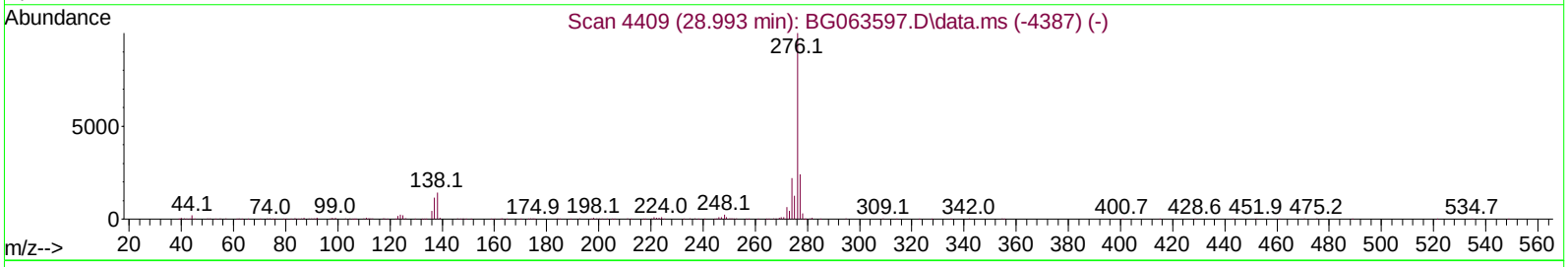

TIC: BG063618.D\data.ms

(96) Benzo(g,h,i)perylene

28.996min (+ 0.008) 34.96 ng/ul m

response 1828735

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.20	16.96#
277.00	22.90	23.30
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/11/2024
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.821	152	103961	20.000	ng/ul		0.00
20) Naphthalene-d8	10.612	136	466539	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.466	164	376461	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.216	188	991352	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.476	240	910157	20.000	ng/ul	#	0.00
88) Perylene-d12	24.502	264	979306	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.285	96	16586	7.043	ng/uL		0.00
4) Pyridine-d5	3.697	84	283371	32.529	ng/ul		0.00
7) Phenol-d5	7.005	99	382941	37.412	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.151	67	219899	31.774	ng/ul		0.00
11) 2-Chlorophenol-d4	7.357	132	243608	40.402	ng/ul		0.00
15) 4-Methylphenol-d8	8.538	113	285840	37.665	ng/ul		0.00
21) Nitrobenzene-d5	8.979	128	111876	34.163	ng/ul		0.00
24) 2-Nitrophenol-d4	9.701	143	130397	34.797	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.242	165	286485	35.506	ng/ul		0.00
31) 4-Chloroaniline-d4	10.747	131	295360	30.290	ng/ul		0.00
46) Dimethylphthalate-d6	13.873	166	897475	32.802	ng/ul		0.00
49) Acenaphthylene-d8	14.155	160	1036888	34.671	ng/ul		0.00
54) 4-Nitrophenol-d4	14.684	143	140862	40.207	ng/ul		0.00
60) Fluorene-d10	15.459	176	854623	31.688	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.589	200	152641	27.256	ng/ul		0.00
73) Anthracene-d10	17.316	188	1526446	33.721	ng/ul		0.00
81) Pyrene-d10	19.613	212	1737927	34.449	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.296	264	1679282	34.142	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.321	88	31478	10.039	ng/uL	#	65
5) Pyridine	3.714	79	301820	33.363	ng/ul		91
6) Benzaldehyde	6.963	77	57365	8.758	ng/ul		98
8) Phenol	7.028	94	417100	37.907	ng/ul		88
10) Bis(2-Chloroethyl)ether	7.245	93	265417	34.914	ng/ul		89
12) 2-Chlorophenol	7.392	128	256837	42.092	ng/ul		95
13) 2-Methylphenol	8.274	108	288722	37.604	ng/ul		92
14) 2,2'-oxybis(1-Chloropr...	8.338	45	403707	39.490	ng/ul		94
16) Acetophenone	8.638	105	453283	32.445	ng/ul		92
17) N-Nitroso-di-n-propyla...	8.620	70	257444	32.343	ng/ul	#	94
18) 4-Methylphenol	8.603	108	306475	36.350	ng/ul		98
19) Hexachloroethane	8.896	117	101927	31.260	ng/ul		93
22) Nitrobenzene	9.020	77	391656	29.566	ng/ul	#	89
23) Isophorone	9.537	82	725257	30.367	ng/ul		99
25) 2-Nitrophenol	9.725	139	133160	35.662	ng/ul	#	80
26) 2,4-Dimethylphenol	9.795	107	330798	32.510	ng/ul	#	88
27) Bis(2-Chloroethoxy)met...	10.024	93	378256	33.896	ng/ul		99
29) 2,4-Dichlorophenol	10.271	162	284703	35.200	ng/ul		96
30) Naphthalene	10.659	128	803587	33.460	ng/ul		97
32) 4-Chloroaniline	10.771	127	206816	22.390	ng/ul		97
33) Hexachlorobutadiene	10.947	225	199028	23.849	ng/ul		97
34) Caprolactam	11.529	113	90893m	34.329	ng/ul		
35) 4-Chloro-3-methylphenol	11.911	107	345262	34.220	ng/ul		87

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.275	142	600542	32.435	ng/ul	96
37) 1-Methylnaphthalene	12.492	142	598301	31.871	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.651	216	392076	26.789	ng/ul	99
40) Hexachlorocyclopentadiene	12.627	237	110562	18.096	ng/ul	94
41) 2,4,6-Trichlorophenol	12.892	196	257669	35.698	ng/ul	98
42) 2,4,5-Trichlorophenol	12.974	196	277032	35.575	ng/ul	92
43) 1,1'-Biphenyl	13.291	154	846403	33.870	ng/ul#	93
44) 2-Chloronaphthalene	13.332	162	682674	33.146	ng/ul	96
45) 2-Nitroaniline	13.544	65	245451	36.480	ng/ul	88
47) Dimethylphthalate	13.914	163	896627	32.392	ng/ul	99
48) 2,6-Dinitrotoluene	14.037	165	170355	33.356	ng/ul	89
50) Acenaphthylene	14.184	152	1125085	35.774	ng/ul	98
51) 3-Nitroaniline	14.372	138	168666	39.185	ng/ul	93
52) Acenaphthene	14.525	153	796847	34.895	ng/ul	97
53) 2,4-Dinitrophenol	14.590	184	76527	30.354	ng/ul	92
55) 4-Nitrophenol	14.695	109	152374	28.308	ng/ul#	79
56) Dibenzofuran	14.866	168	1143235	32.393	ng/ul	96
57) 2,4-Dinitrotoluene	14.836	165	267753	33.242	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.101	232	245888	33.760	ng/ul	96
59) Diethylphthalate	15.289	149	919895	34.104	ng/ul	98
61) Fluorene	15.518	166	928945	32.315	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.506	204	516467	27.898	ng/ul	96
63) 4-Nitroaniline	15.542	138	202708	43.793	ng/ul#	79
66) 4,6-Dinitro-2-methylph...	15.606	198	159518	28.528	ng/ul#	97
67) N-Nitrosodiphenylamine	15.724	169	832260	35.848	ng/ul	95
68) 4-Bromophenyl-phenylether	16.405	248	342519	29.240	ng/ul	91
69) Hexachlorobenzene	16.529	284	379030	30.059	ng/ul	99
70) Atrazine	16.676	200	341801	31.496	ng/ul#	92
71) Pentachlorophenol	16.875	266	172191	38.839	ng/ul#	73
72) Phenanthrene	17.257	178	1732627	35.481	ng/ul	98
74) Anthracene	17.351	178	1752963	34.763	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.262	216	403030	28.806	ng/ul	98
76) Pentachlorobenzene	14.790	250	422450	28.901	ng/ul	97
77) Carbazole	17.621	167	1469142	36.365	ng/ul	97
78) Di-n-butylphthalate	18.186	149	1637456	37.967	ng/ul	97
80) Fluoranthene	19.278	202	2022970	35.679	ng/ul#	92
82) Pyrene	19.643	202	2120695	35.185	ng/ul#	90
83) Butylbenzylphthalate	20.536	149	609900	48.053	ng/ul#	88
84) 3,3'-Dichlorobenzidine	21.376	252	599380	38.470	ng/ul#	96
85) Benzo(a)anthracene	21.452	228	2103551	34.270	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.364	149	886121	46.437	ng/ul#	98
87) Chrysene	21.517	228	1969344	34.153	ng/ul	99
89) Di-n-octyl phthalate	22.510	149	1538217	44.945	ng/ul	100
90) Benzo(b)fluoranthene	23.544	252	2058110	33.831	ng/ul#	95
91) Benzo(k)fluoranthene	23.609	252	2005818	33.170	ng/ul#	97
93) Benzo(a)pyrene	24.361	252	1929464	33.816	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	27.927	276	2356437	34.237	ng/ul#	91
95) Dibenzo(a,h)anthracene	27.974	278	1919740	34.777	ng/ul#	94
96) Benzo(g,h,i)perylene	28.996	276	1828735m	34.958	ng/ul	

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

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