Quantitation Report (Qedit)

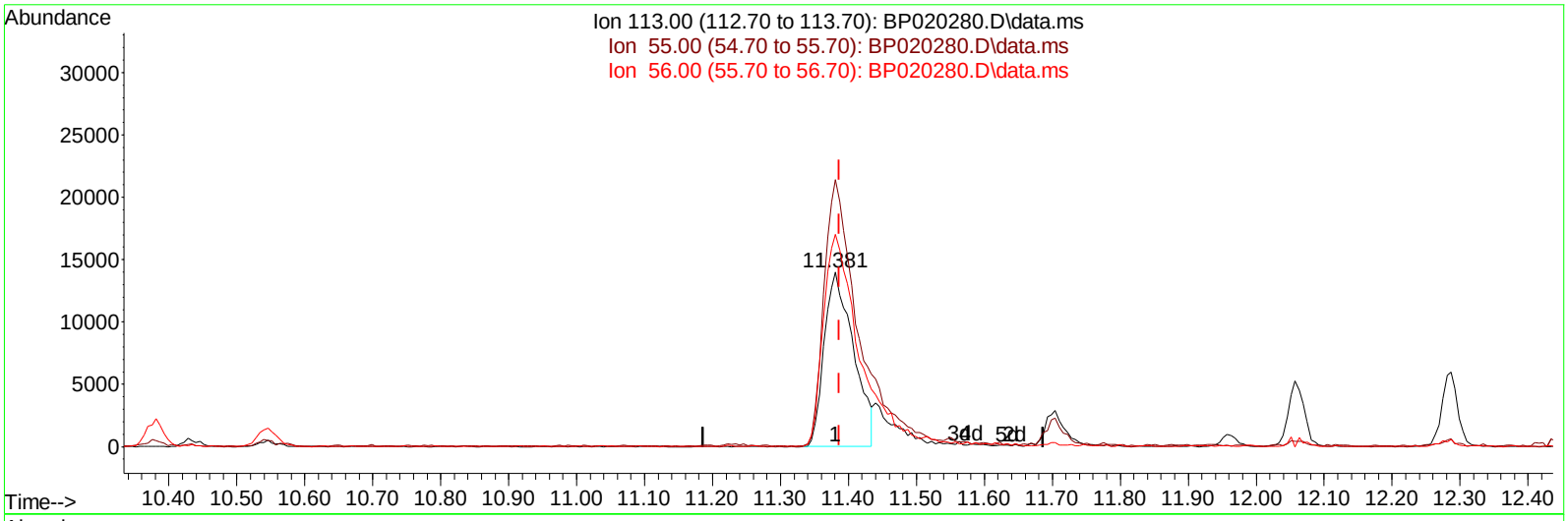
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020280.D
Acq On : 10 May 2024 00:08
Operator : MA/JU
Sample : PB160729BS
Misc :
ALS Vial : 48 Sample Multiplier: 1

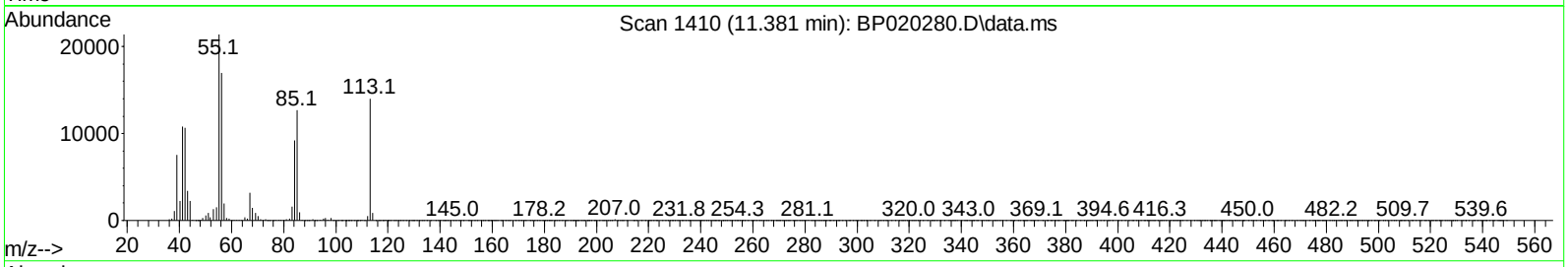
Quant Time: May 10 01:10:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 08 22:57:55 2024
Response via : Initial Calibration

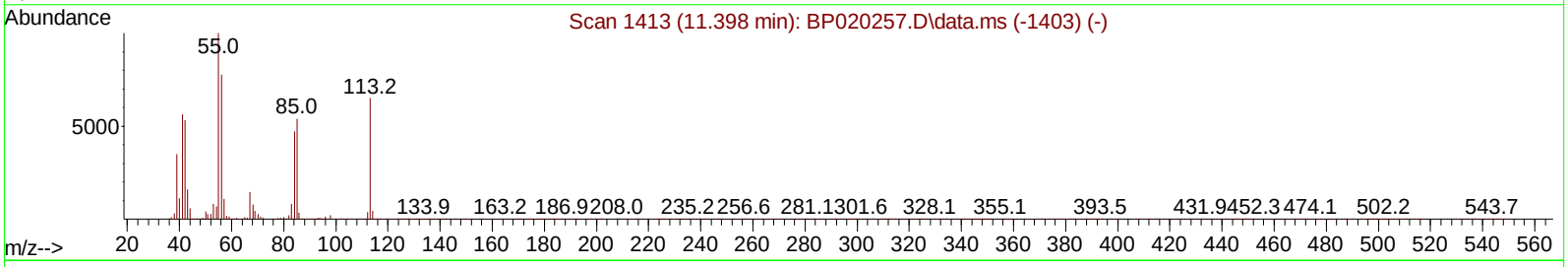
Instrument :
BNA_P
ClientSampleId :
SLCS729

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/10/2024
Supervised By :mohammad ahmed 05/11/2024







TIC: BP020280.D\data.ms

(34) Caprolactam

11.381min (-0.006) 26.68 ng/ul

response 41876

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.80	152.64
56.00	131.80	121.31
0.00	0.00	0.00

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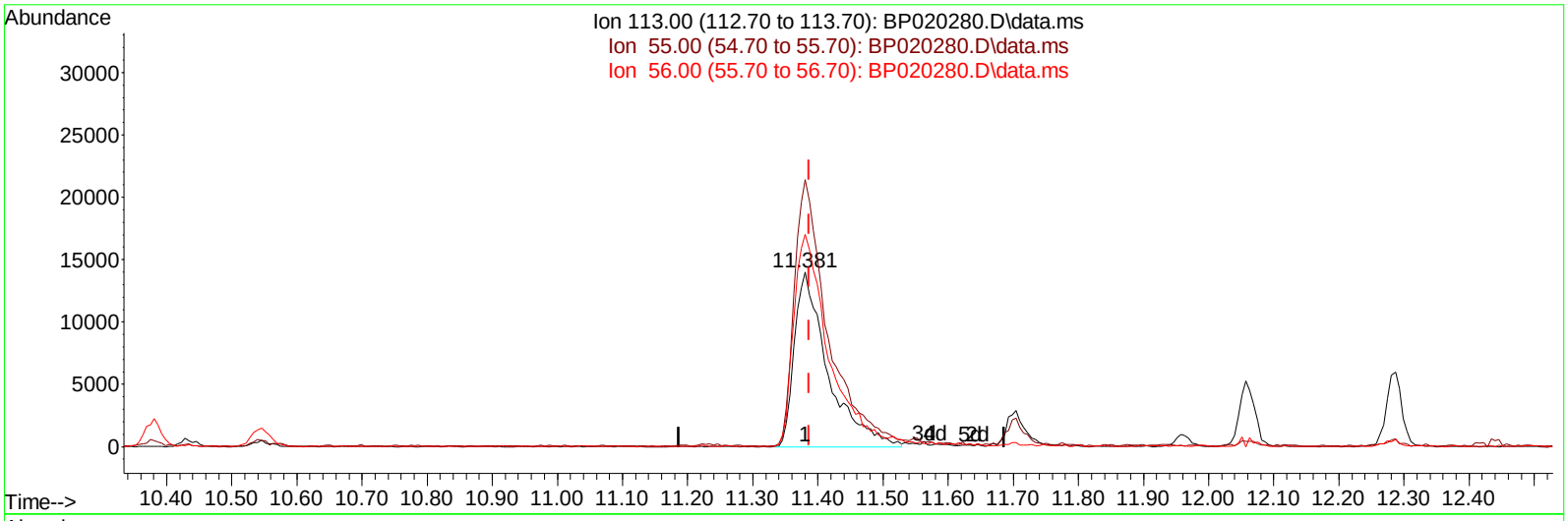

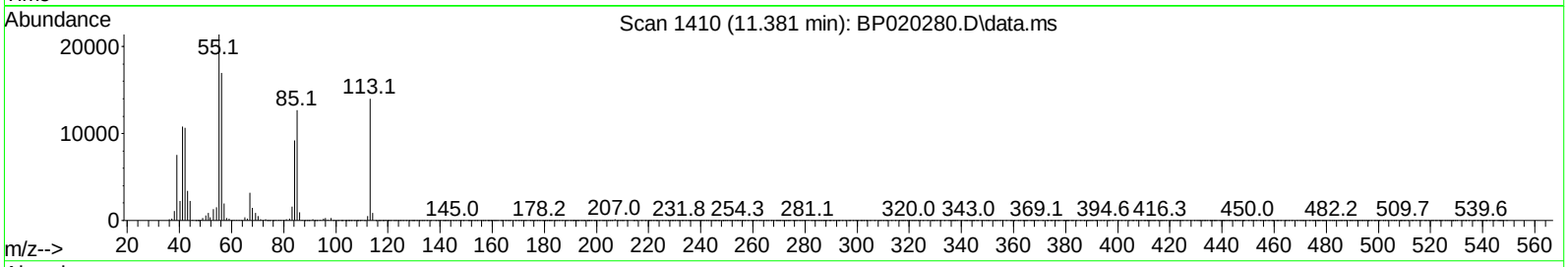

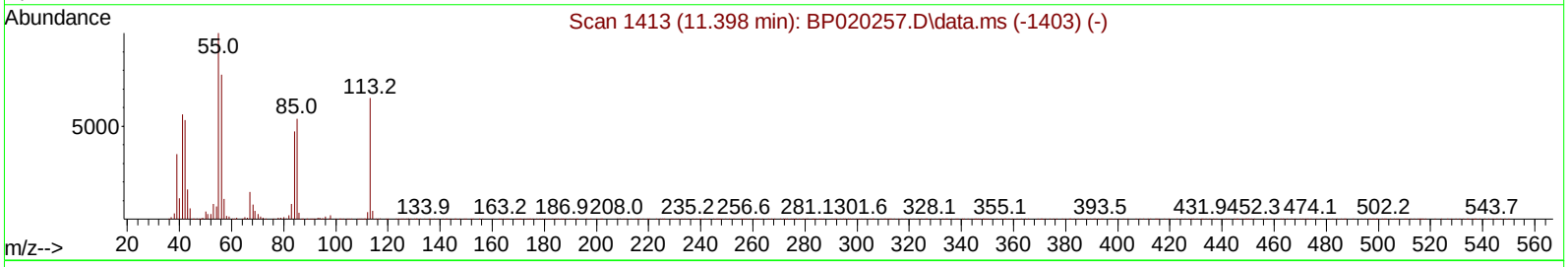

TIC: BP020280.D\data.ms

(34) Caprolactam

11.381min (-0.006) 31.84 ng/ul m

response 49982

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.80	152.64
56.00	131.80	121.31
0.00	0.00	0.00

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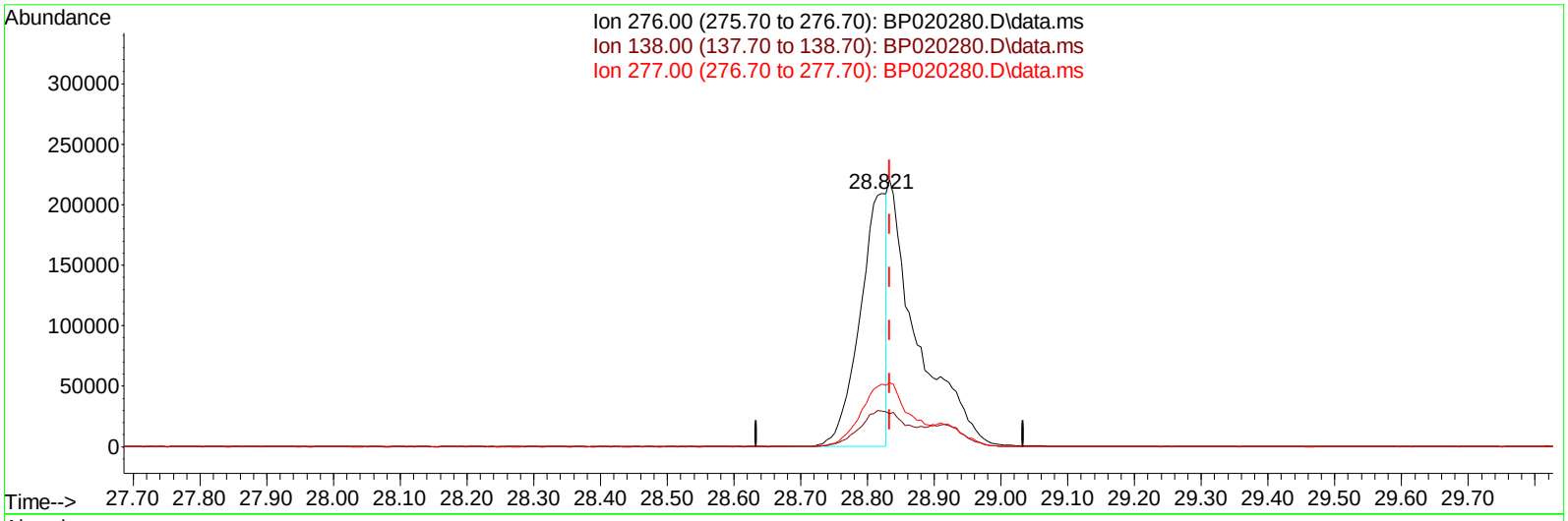

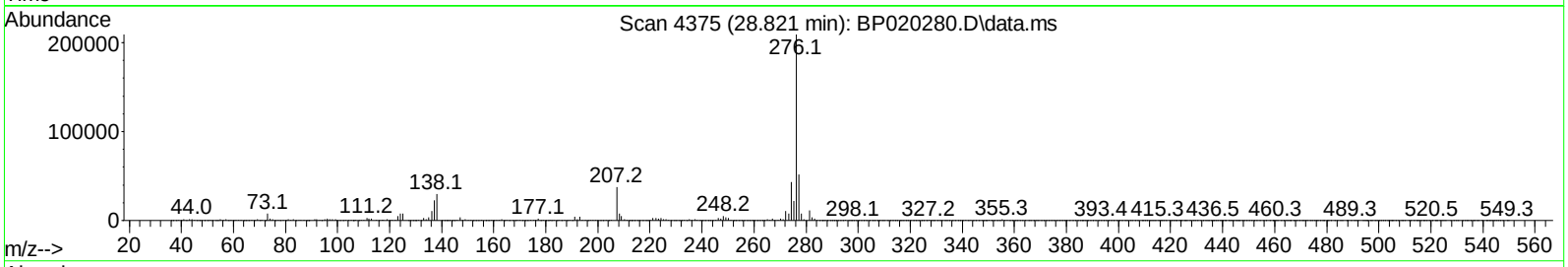

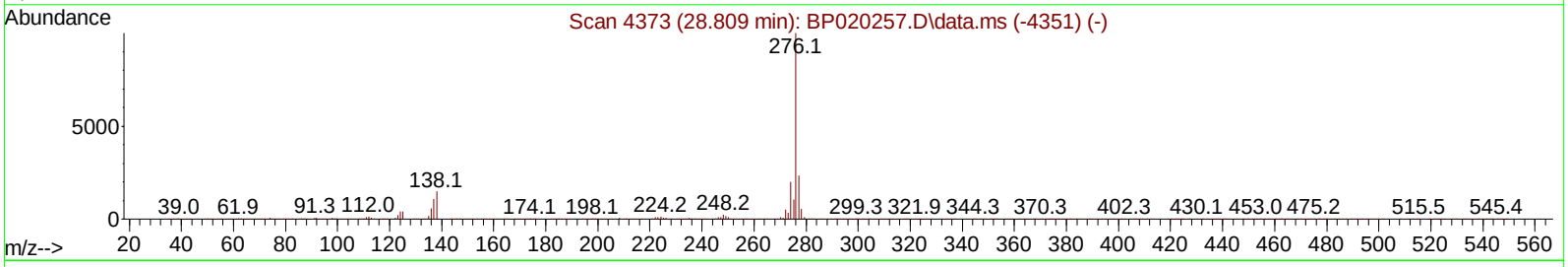

TIC: BP020280.D\data.ms

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

28.821min (-0.012) 15.07 ng/ul

response 573829

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.40	14.09
277.00	23.70	24.76
0.00	0.00	0.00

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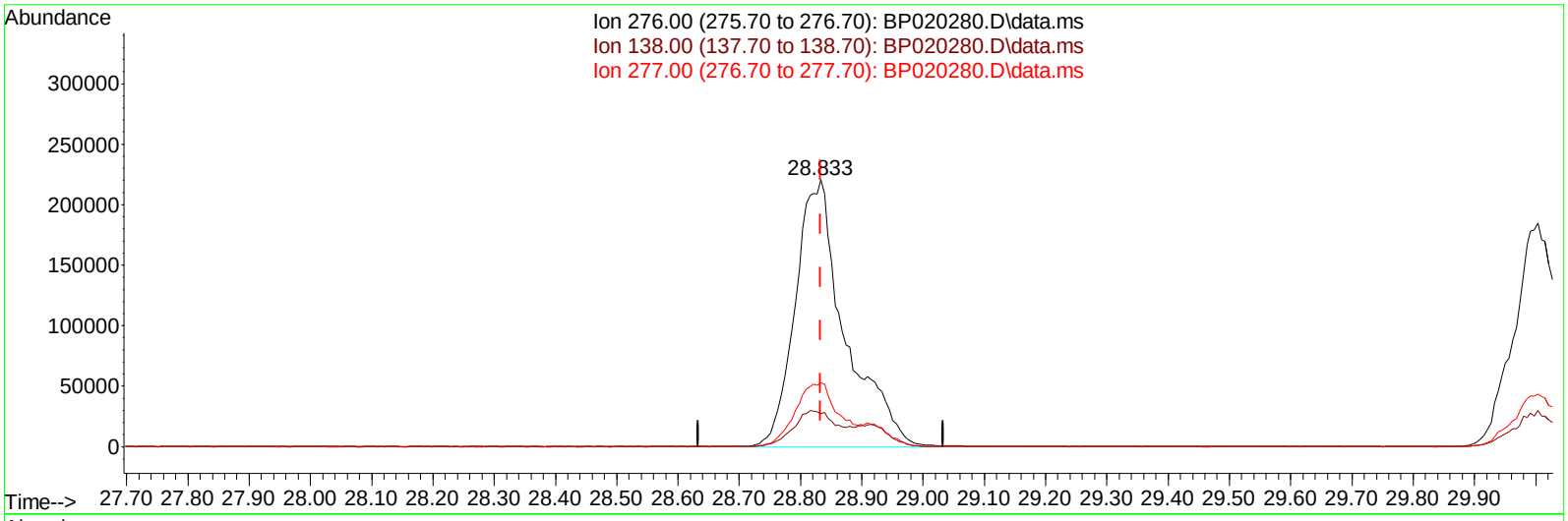

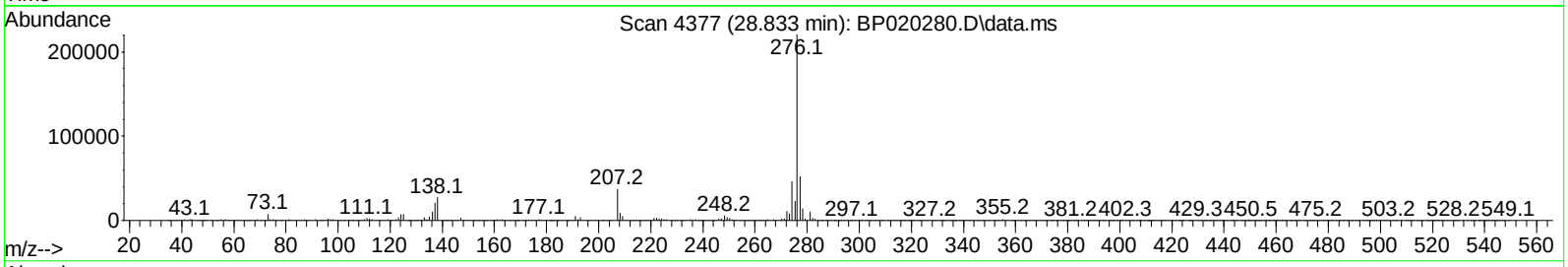

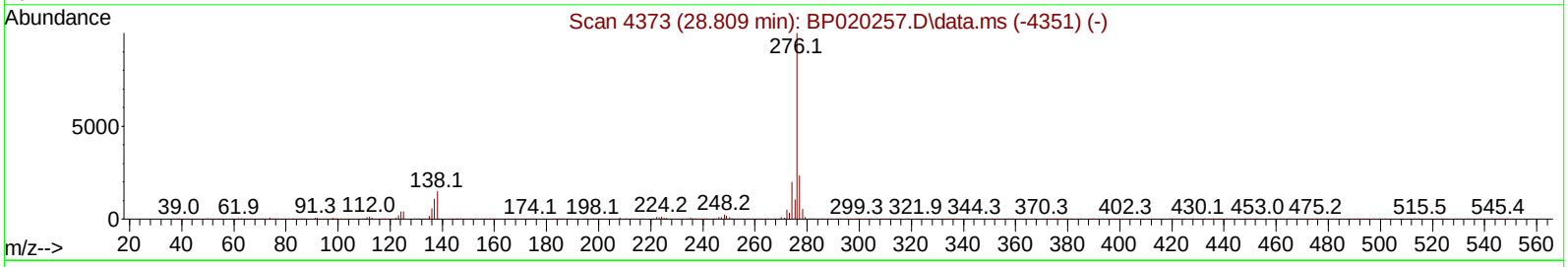

TIC: BP020280.D\data.ms

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

28.833min (-0.000) 32.66 ng/ul m

response 1243687

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.40	12.49
277.00	23.70	23.84
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 05/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	73775	20.000	ng/ul	0.00
20) Naphthalene-d8	10.381	136	295348	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164	202122	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.134	188	450250	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	471061	20.000	ng/ul	0.00
88) Perylene-d12	24.998	264	548802	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	10661	6.103	ng/uL	0.00
4) Pyridine-d5	3.617	84	148924	29.340	ng/ul	0.00
7) Phenol-d5	6.799	99	190939	30.137	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.963	67	108344	28.150	ng/ul	0.00
11) 2-Chlorophenol-d4	7.152	132	151113	33.364	ng/ul	0.00
15) 4-Methylphenol-d8	8.322	113	154607	30.183	ng/ul	0.00
21) Nitrobenzene-d5	8.769	128	72397	32.734	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.481	143	86694	34.230	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.016	165	162507	35.161	ng/ul	0.00
31) 4-Chloroaniline-d4	10.546	131	217736	33.661	ng/ul	0.00
46) Dimethylphthalate-d6	13.704	166	507851	34.407	ng/ul	0.00
49) Acenaphthylene-d8	13.981	160	548275	33.626	ng/ul	0.00
54) 4-Nitrophenol-d4	14.551	143	74942	33.036	ng/ul	0.00
60) Fluorene-d10	15.322	176	425000	34.521	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	87140	30.499	ng/ul	0.00
73) Anthracene-d10	17.239	188	707750	36.336	ng/ul	0.00
81) Pyrene-d10	19.645	212	858264	31.169	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.768	264	921321	34.721	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	21107	10.648	ng/uL#	96
5) Pyridine	3.634	79	137805	26.842	ng/ul	97
6) Benzaldehyde	6.787	77	105593	33.157	ng/ul	93
8) Phenol	6.828	94	185893	28.427	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.058	93	135353	26.452	ng/ul	98
12) 2-Chlorophenol	7.181	128	143373	30.319	ng/ul	94
13) 2-Methylphenol	8.058	108	133216	27.311	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.122	45	157520	24.677	ng/ul	99
16) Acetophenone	8.440	105	226528	26.646	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.416	70	118665	25.722	ng/ul	95
18) 4-Methylphenol	8.387	108	149696	28.235	ng/ul	94
19) Hexachloroethane	8.658	117	61545	28.460	ng/ul	94
22) Nitrobenzene	8.816	77	175538	27.648	ng/ul	97
23) Isophorone	9.328	82	334217	27.376	ng/ul	99
25) 2-Nitrophenol	9.516	139	83264	31.739	ng/ul	90
26) 2,4-Dimethylphenol	9.575	107	157137	27.455	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.816	93	183633	27.132	ng/ul	98
29) 2,4-Dichlorophenol	10.046	162	146050	32.488	ng/ul	100
30) Naphthalene	10.434	128	441320	28.990	ng/ul	99
32) 4-Chloroaniline	10.569	127	179170	28.325	ng/ul	97
33) Hexachlorobutadiene	10.693	225	107241	30.713	ng/ul	95
34) Caprolactam	11.381	113	49982m	31.842	ng/ul	
35) 4-Chloro-3-methylphenol	11.704	107	172350	30.791	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.057	142	317317	29.958	ng/ul	95
37) 1-Methylnaphthalene	12.287	142	317039	29.744	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.440	216	199832	31.701	ng/ul	98
40) Hexachlorocyclopentadiene	12.393	237	61547	17.953	ng/ul	98
41) 2,4,6-Trichlorophenol	12.698	196	128645	32.543	ng/ul	99
42) 2,4,5-Trichlorophenol	12.781	196	134423	31.601	ng/ul	89
43) 1,1'-Biphenyl	13.098	154	429392	30.036	ng/ul	100
44) 2-Chloronaphthalene	13.140	162	338267	29.819	ng/ul	99
45) 2-Nitroaniline	13.381	65	115323	30.648	ng/ul	93
47) Dimethylphthalate	13.757	163	458467	30.751	ng/ul	100
48) 2,6-Dinitrotoluene	13.893	165	94750	31.968	ng/ul	98
50) Acenaphthylene	14.010	152	548923	29.931	ng/ul	99
51) 3-Nitroaniline	14.234	138	93655	33.879	ng/ul	94
52) Acenaphthene	14.357	153	363475	29.492	ng/ul	99
53) 2,4-Dinitrophenol	14.463	184	49572	27.249	ng/ul	89
55) 4-Nitrophenol	14.569	109	68887	29.167	ng/ul	91
56) Dibenzofuran	14.704	168	526118	31.039	ng/ul	98
57) 2,4-Dinitrotoluene	14.710	165	146227	34.316	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	14.951	232	129751	33.968	ng/ul	97
59) Diethylphthalate	15.157	149	468406	31.474	ng/ul	100
61) Fluorene	15.375	166	444617	31.569	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.375	204	234801	31.425	ng/ul	94
63) 4-Nitroaniline	15.440	138	92121	39.988	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.492	198	91384	30.673	ng/ul	93
67) N-Nitrosodiphenylamine	15.604	169	386123	30.800	ng/ul	100
68) 4-Bromophenyl-phenylether	16.298	248	153031	31.378	ng/ul	99
69) Hexachlorobenzene	16.398	284	183633	32.509	ng/ul	94
70) Atrazine	16.604	200	153783	34.594	ng/ul	97
71) Pentachlorophenol	16.781	266	112761	33.026	ng/ul	97
72) Phenanthrene	17.181	178	714517	31.103	ng/ul	99
74) Anthracene	17.281	178	729671	31.229	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	194947	29.133	ng/uL	97
76) Pentachlorobenzene	14.622	250	205709	30.719	ng/uL	99
77) Carbazole	17.575	167	660294	32.804	ng/ul	99
78) Di-n-butylphthalate	18.175	149	804734	32.984	ng/ul	100
80) Fluoranthene	19.298	202	897606	27.699	ng/ul	99
82) Pyrene	19.675	202	949325	28.155	ng/ul	100
83) Butylbenzylphthalate	20.651	149	384588	30.048	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.539	252	330385	34.462	ng/ul	100
85) Benzo(a)anthracene	21.616	228	988501	30.939	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.557	149	567908	30.757	ng/ul	98
87) Chrysene	21.680	228	936029	31.609	ng/ul	99
89) Di-n-octyl phthalate	22.857	149	991197	28.202	ng/ul	100
90) Benzo(b)fluoranthene	23.933	252	1021532	31.291	ng/ul	99
91) Benzo(k)fluoranthene	24.010	252	993674	29.867	ng/ul	100
93) Benzo(a)pyrene	24.845	252	853912	27.490	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.833	276	1243687m	32.661	ng/ul	
95) Dibenzo(a,h)anthracene	28.909	278	1001307	31.791	ng/ul	96
96) Benzo(g,h,i)perylene	30.003	276	945494	30.786	ng/ul	98

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

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