Quantitation Report (Qedit)

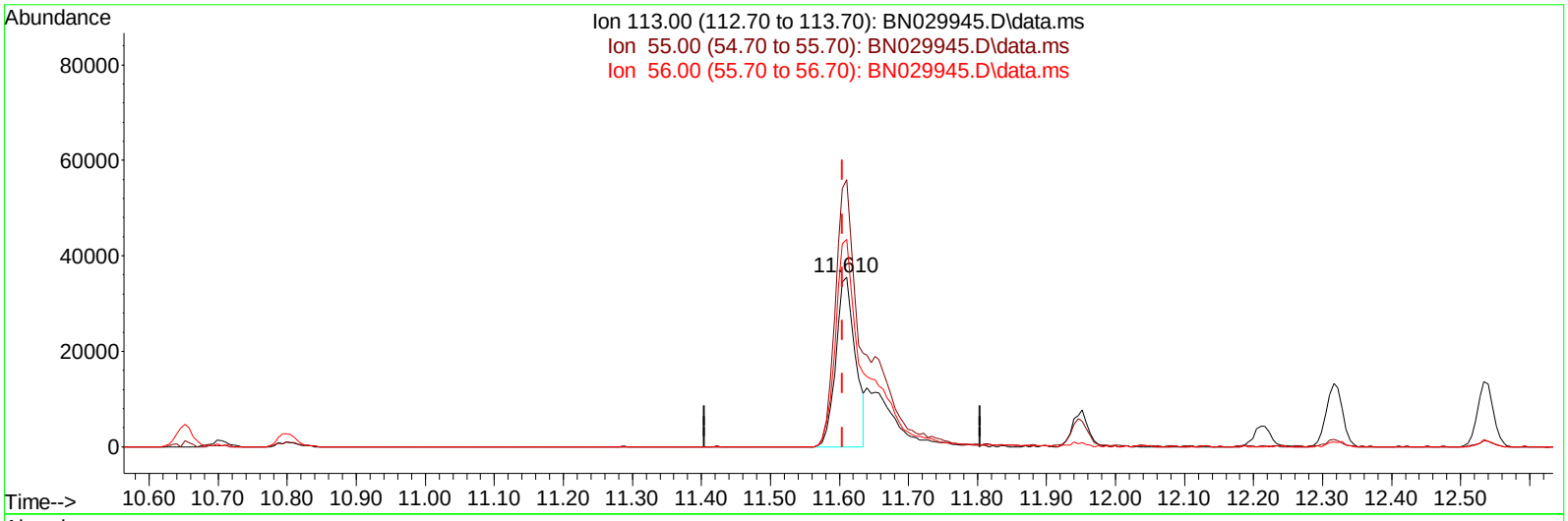
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022124\
Data File : BN029945.D
Acq On : 23 Feb 2024 01:49
Operator : MA/JU
Sample : PB159098BS
Misc :
ALS Vial : 66 Sample Multiplier: 1

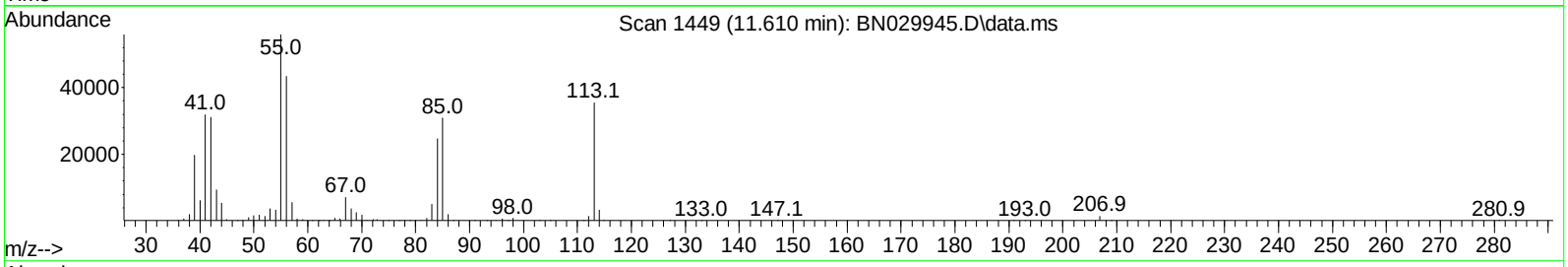
Quant Time: Feb 23 02:33:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 21 22:34:54 2024
Response via : Initial Calibration

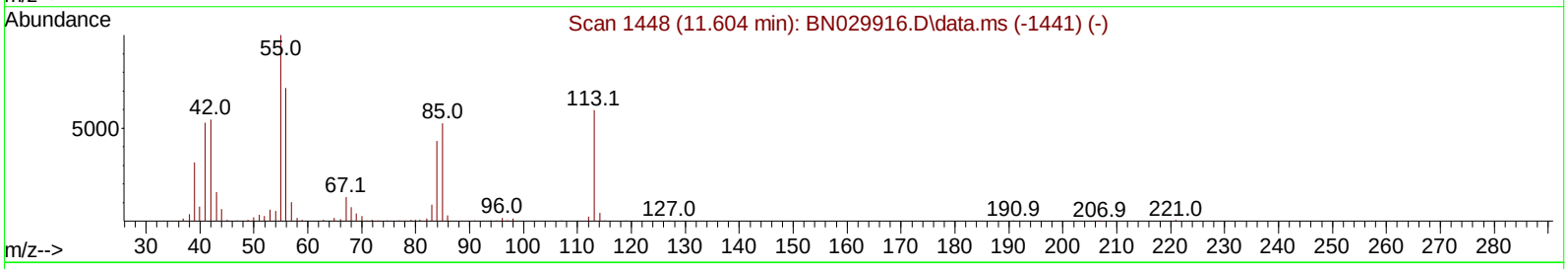
Instrument :
BNA_N
ClientSampleId :
SLCS098

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/23/2024
Supervised By :mohammad ahmed 02/24/2024







TIC: BN029945.D\data.ms

(34) Caprolactam

11.610min (+ 0.006) 25.57 ng/ul

response 69449

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.60	157.36
56.00	129.20	122.33
0.00	0.00	0.00

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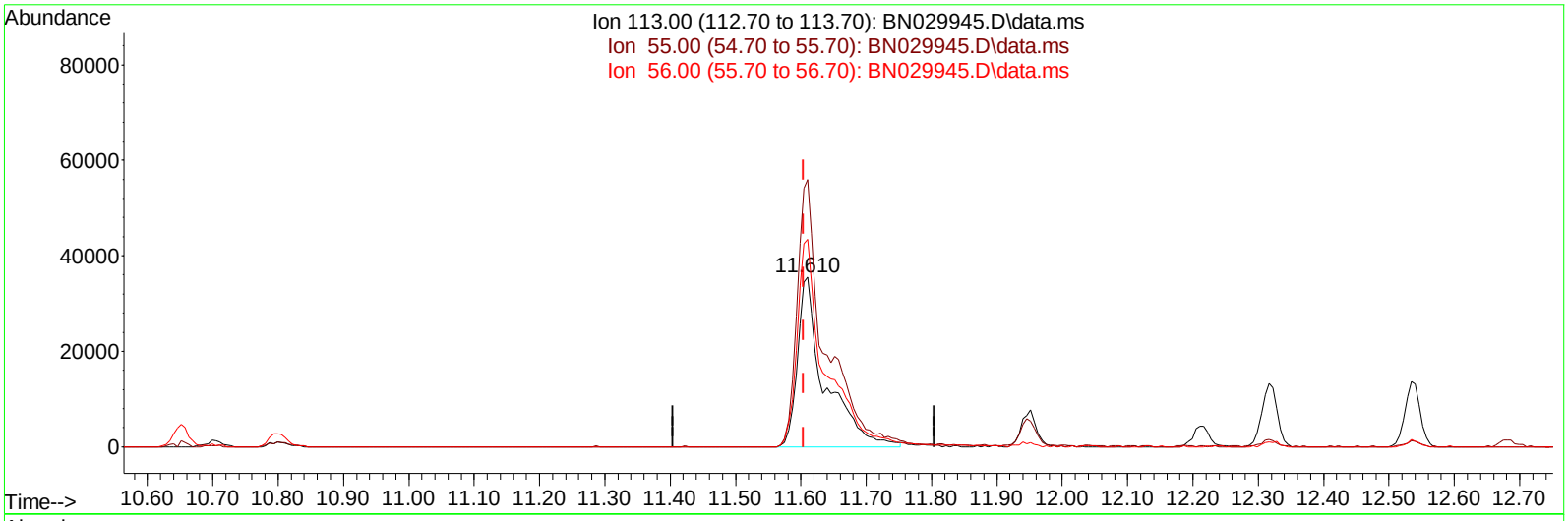

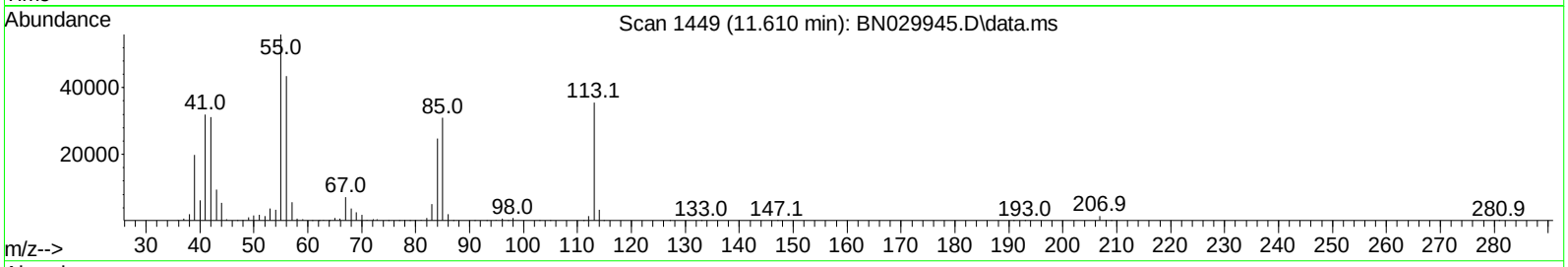

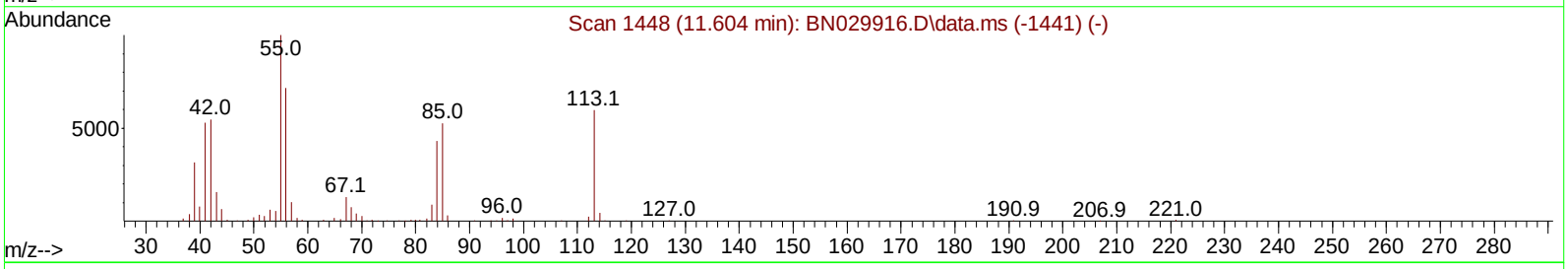

TIC: BN029945.D\data.ms

(34) Caprolactam

11.610min (+ 0.006) 38.43 ng/ul m

response 104381

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.60	157.36
56.00	129.20	122.33
0.00	0.00	0.00

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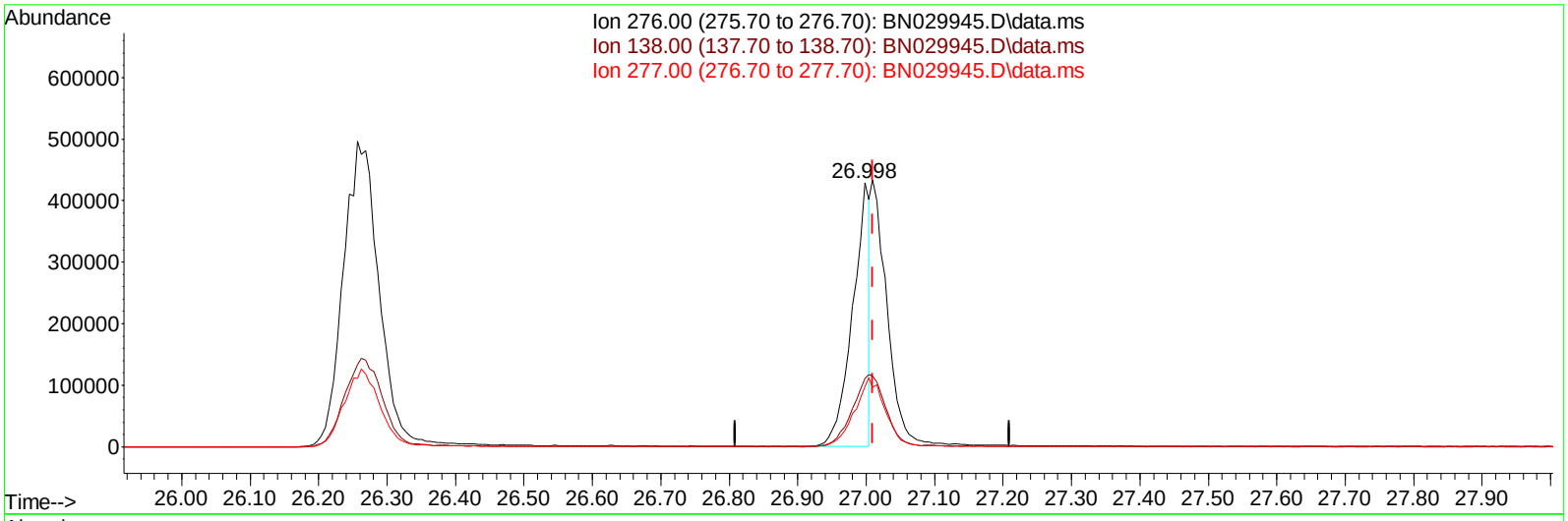

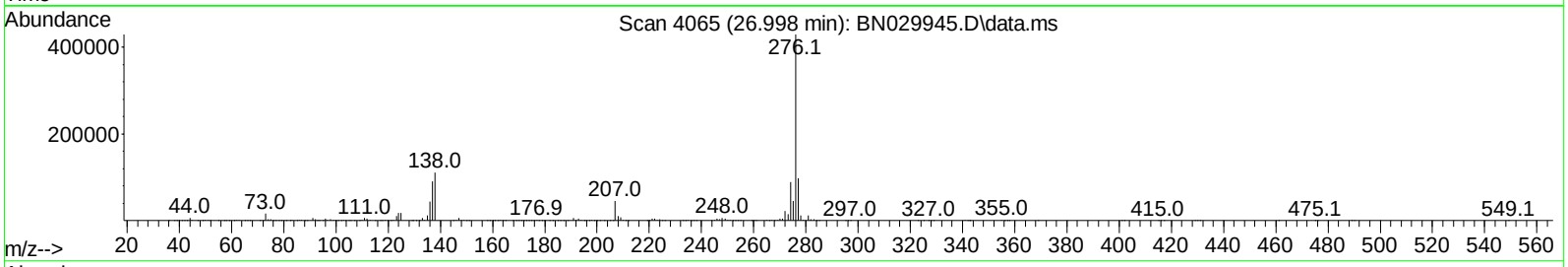

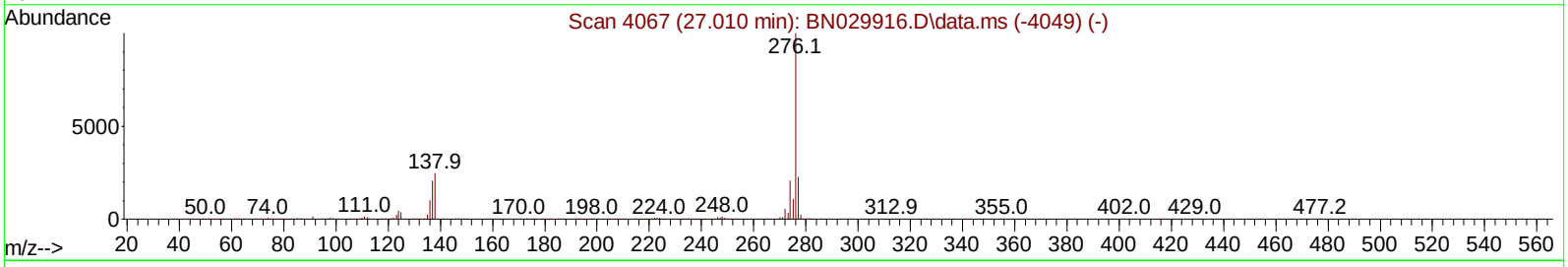

TIC: BN029945.D\data.ms

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

26.998min (-0.012) 18.40 ng/ul

response 741248

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	29.90	25.91
277.00	23.30	22.69
0.00	0.00	0.00

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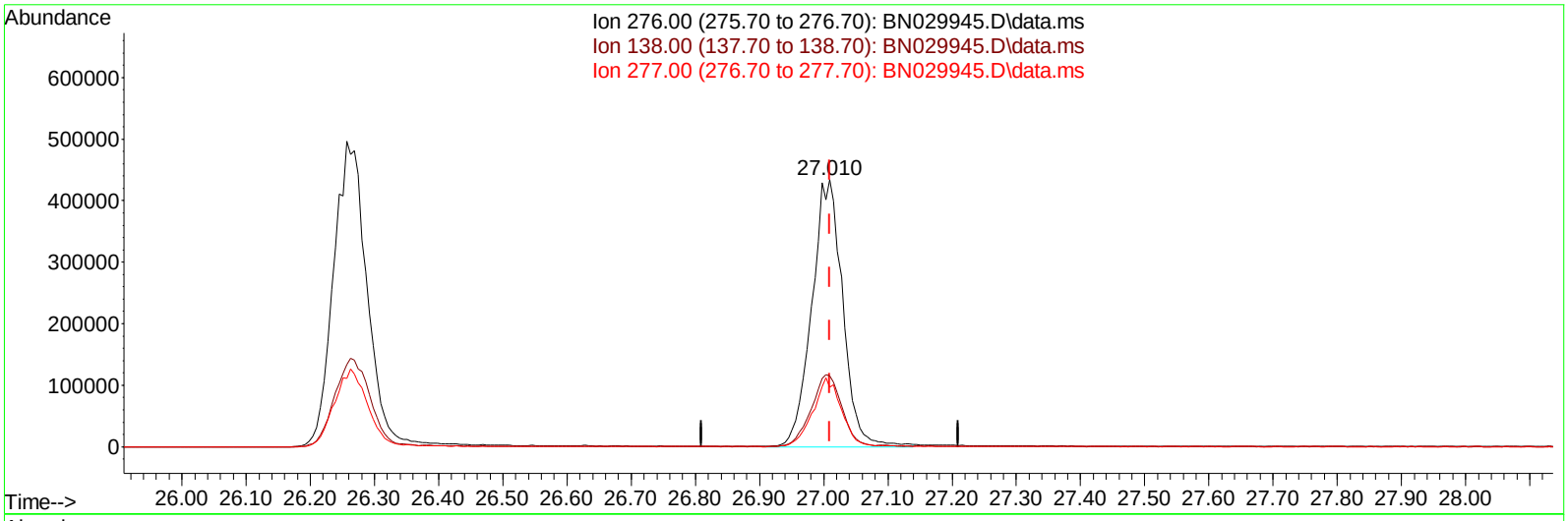

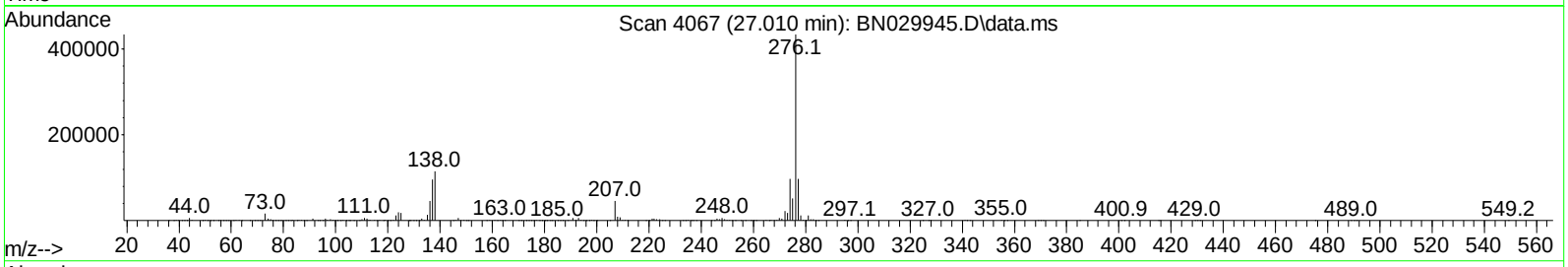

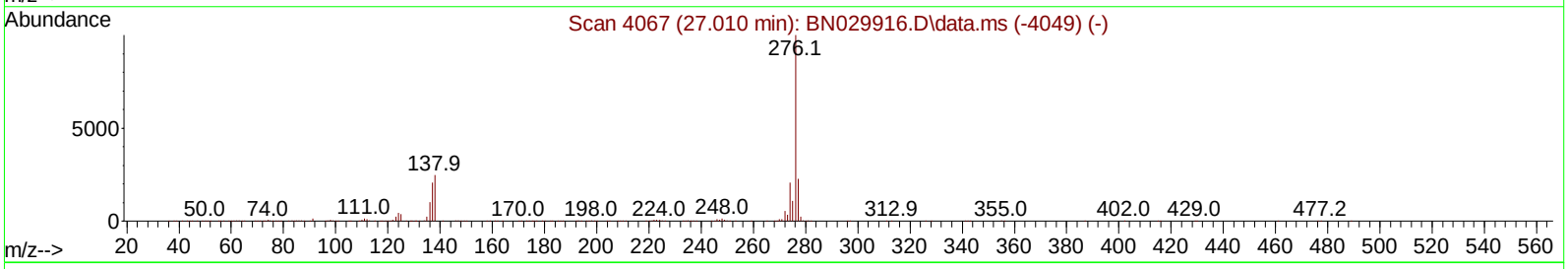

TIC: BN029945.D\data.ms

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

27.010min (+ 0.000) 36.20 ng/ul m

response 1457778

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	29.90	26.52
277.00	23.30	22.32
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	7.852	152	144229	20.000	ng/ul	0.00
20) Naphthalene-d8	10.652	136	592081	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	318030	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	668432	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	621805	20.000	ng/ul	0.00
88) Perylene-d12	23.816	264	654666	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	29773	6.790	ng/uL	0.00
4) Pyridine-d5	3.723	84	400059	34.210	ng/ul	0.00
7) Phenol-d5	7.022	99	477429	35.390	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	313831	34.857	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	365329	37.370	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	352878	35.074	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	175393	38.168	ng/ul	0.00
24) 2-Nitrophenol-d4	9.740	143	168893	42.200	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	321161	40.655	ng/ul	0.00
31) 4-Chloroaniline-d4	10.799	131	445893	33.086	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	887278	37.473	ng/ul	0.00
49) Acenaphthylene-d8	14.193	160	1066043	37.912	ng/ul	0.00
54) 4-Nitrophenol-d4	14.710	143	168668	37.532	ng/ul	0.00
60) Fluorene-d10	15.493	176	775555	38.503	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	125581	38.557	ng/ul	0.00
73) Anthracene-d10	17.351	188	1175785	37.533	ng/ul	0.00
81) Pyrene-d10	19.651	212	1368629	36.678	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.663	264	1326330	40.488	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	60713	13.368	ng/uL	97
5) Pyridine	3.740	79	412507	34.097	ng/ul	96
6) Benzaldehyde	7.005	77	254254	42.045	ng/ul	99
8) Phenol	7.052	94	501587	36.278	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.293	93	406534	34.967	ng/ul	99
12) 2-Chlorophenol	7.417	128	390676	38.090	ng/ul	99
13) 2-Methylphenol	8.299	108	356931	35.774	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.387	45	540685	35.608	ng/ul	99
16) Acetophenone	8.687	105	590176	36.857	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.675	70	316333	38.264	ng/ul	95
18) 4-Methylphenol	8.634	108	383843	36.408	ng/ul	99
19) Hexachloroethane	8.922	117	169847	35.684	ng/ul	96
22) Nitrobenzene	9.063	77	493678	37.916	ng/ul	99
23) Isophorone	9.593	82	845014	37.259	ng/ul	98
25) 2-Nitrophenol	9.775	139	193643	42.370	ng/ul	99
26) 2,4-Dimethylphenol	9.834	107	351562	32.097	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.081	93	519542	36.046	ng/ul	98
29) 2,4-Dichlorophenol	10.299	162	317944	38.951	ng/ul	100
30) Naphthalene	10.705	128	1219163	36.025	ng/ul	99
32) 4-Chloroaniline	10.822	127	386427	29.046	ng/ul	99
33) Hexachlorobutadiene	10.975	225	196931	39.091	ng/ul	98
34) Caprolactam	11.610	113	104381m	38.429	ng/ul	
35) 4-Chloro-3-methylphenol	11.946	107	384004	40.729	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.316	142	787751	37.972	ng/ul	98
37) 1-Methylnaphthalene	12.534	142	775352	37.698	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.681	216	354687	37.625	ng/ul	95
40) Hexachlorocyclopentadiene	12.652	237	175996	28.562	ng/ul	98
41) 2,4,6-Trichlorophenol	12.928	196	225814	41.559	ng/ul	98
42) 2,4,5-Trichlorophenol	12.999	196	247281	40.503	ng/ul	97
43) 1,1'-Biphenyl	13.334	154	977814	36.457	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	771275	37.000	ng/ul	97
45) 2-Nitroaniline	13.593	65	260153	42.450	ng/ul	94
47) Dimethylphthalate	13.969	163	940233	38.793	ng/ul	100
48) 2,6-Dinitrotoluene	14.093	165	184823	42.615	ng/ul	93
50) Acenaphthylene	14.222	152	1246331	36.932	ng/ul	99
51) 3-Nitroaniline	14.422	138	200147	39.651	ng/ul	97
52) Acenaphthene	14.563	153	834452	37.432	ng/ul	95
53) 2,4-Dinitrophenol	14.628	184	81733	37.134	ng/ul	99
55) 4-Nitrophenol	14.728	109	161813	39.378	ng/ul	98
56) Dibenzofuran	14.898	168	1115603	37.898	ng/ul	96
57) 2,4-Dinitrotoluene	14.881	165	276896	45.347	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.128	232	195406	45.097	ng/ul	93
59) Diethylphthalate	15.340	149	988194	39.691	ng/ul	98
61) Fluorene	15.551	166	913268	39.249	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.551	204	416658	40.036	ng/ul	94
63) 4-Nitroaniline	15.587	138	213750	46.918	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.640	198	140868	39.231	ng/ul	99
67) N-Nitrosodiphenylamine	15.769	169	765142	36.733	ng/ul	98
68) 4-Bromophenyl-phenylether	16.445	248	252715	39.944	ng/ul	87
69) Hexachlorobenzene	16.545	284	276355	38.753	ng/ul	97
70) Atrazine	16.728	200	166746	25.623	ng/ul	99
71) Pentachlorophenol	16.898	266	155198	37.475	ng/ul	92
72) Phenanthrene	17.298	178	1460330	37.768	ng/ul	100
74) Anthracene	17.387	178	1475963	38.035	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.293	216	355051	36.197	ng/uL	96
76) Pentachlorobenzene	14.816	250	327218	37.256	ng/uL	98
77) Carbazole	17.663	167	1343325	37.901	ng/ul	99
78) Di-n-butylphthalate	18.239	149	1750705	41.076	ng/ul	99
80) Fluoranthene	19.316	202	1642282	36.231	ng/ul	100
82) Pyrene	19.681	202	1730744	36.093	ng/ul	97
83) Butylbenzylphthalate	20.604	149	814400	41.672	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.380	252	437845	36.354	ng/ul	96
85) Benzo(a)anthracene	21.439	228	1697034	37.152	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.386	149	1259571	41.666	ng/ul	99
87) Chrysene	21.492	228	1568948	36.651	ng/ul	99
89) Di-n-octyl phthalate	22.310	149	2156549	42.497	ng/ul	100
90) Benzo(b)fluoranthene	23.098	252	1640874	39.793	ng/ul	99
91) Benzo(k)fluoranthene	23.151	252	1694434	40.147	ng/ul	96
93) Benzo(a)pyrene	23.716	252	1544029	39.045	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.257	276	1807350	37.532	ng/ul	100
95) Dibenzo(a,h)anthracene	26.286	278	1485316	37.782	ng/ul	96
96) Benzo(g,h,i)perylene	27.010	276	1457778m	36.195	ng/ul	

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

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