Quantitation Report (Qedit)

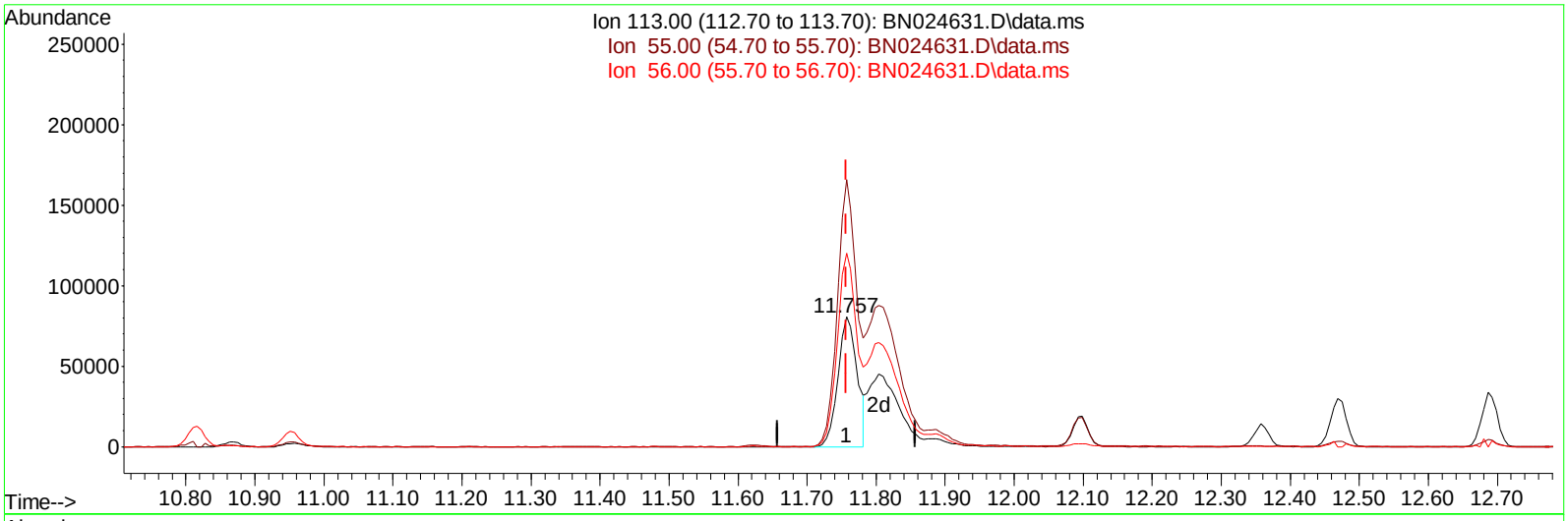
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032923\
Data File : BN024631.D
Acq On : 30 Mar 2023 04:15
Operator : CG/JU
Sample : PB151707BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

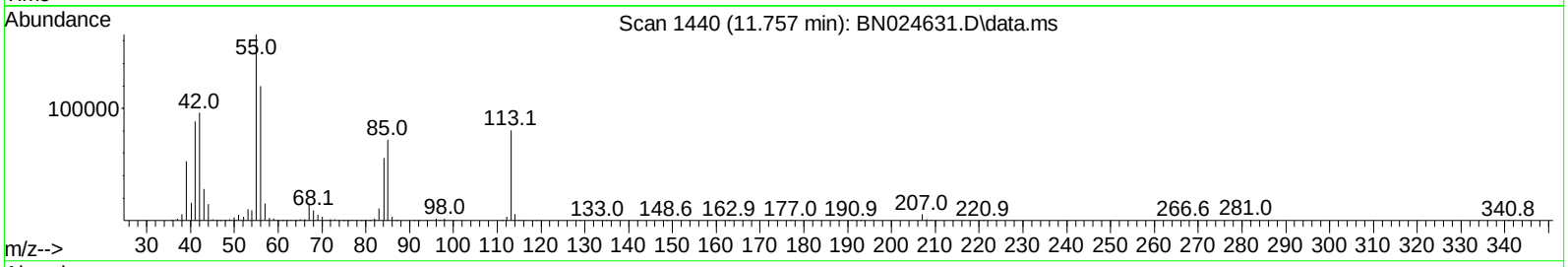
Quant Time: Mar 30 05:23:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032923.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 30 03:30:09 2023
Response via : Initial Calibration

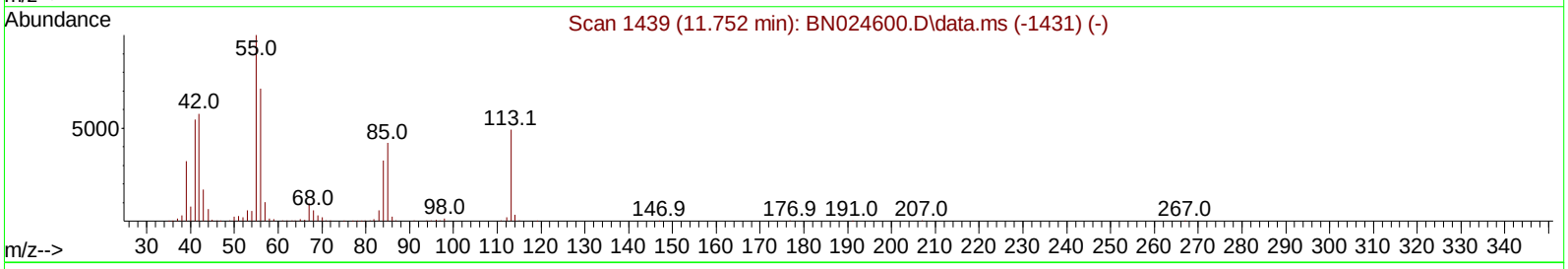
Instrument :
BNA_N
ClientSampleId :
SLCS707

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/30/2023
Supervised By :Jagrut Upadhyay 03/30/2023







TIC: BN024631.D\data.ms

(34) Caprolactam

11.757min (-0.000) 18.32 ng/ul

response 155973

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.70	205.60
56.00	152.00	148.86
0.00	0.00	0.00

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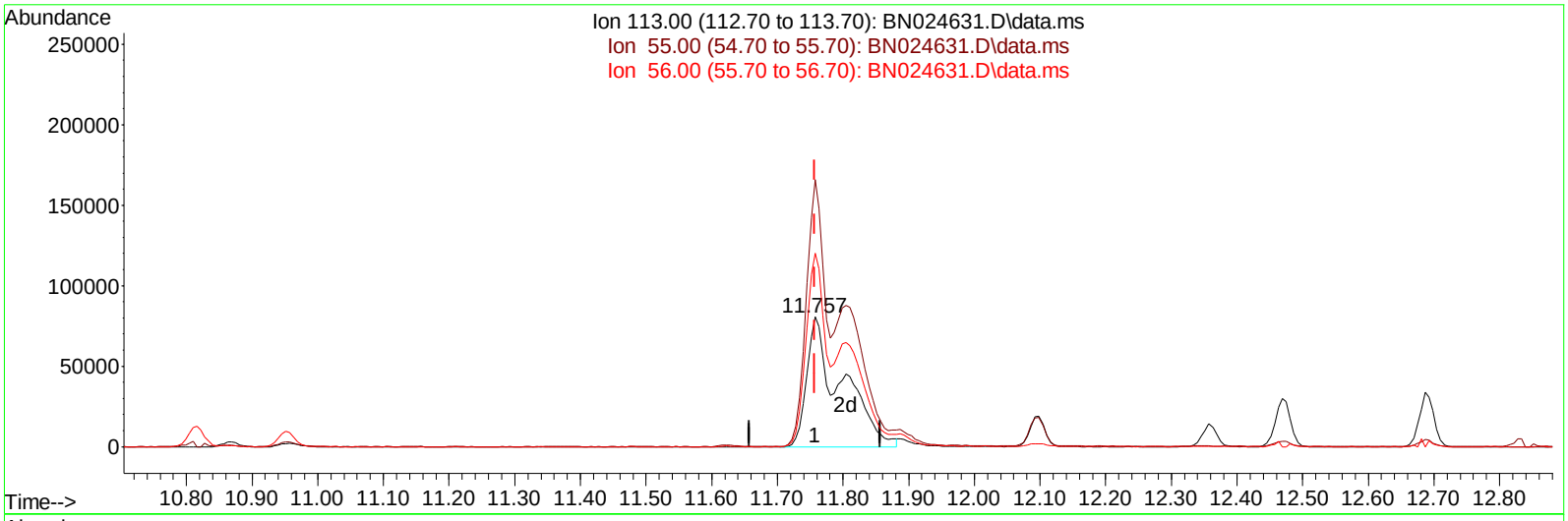

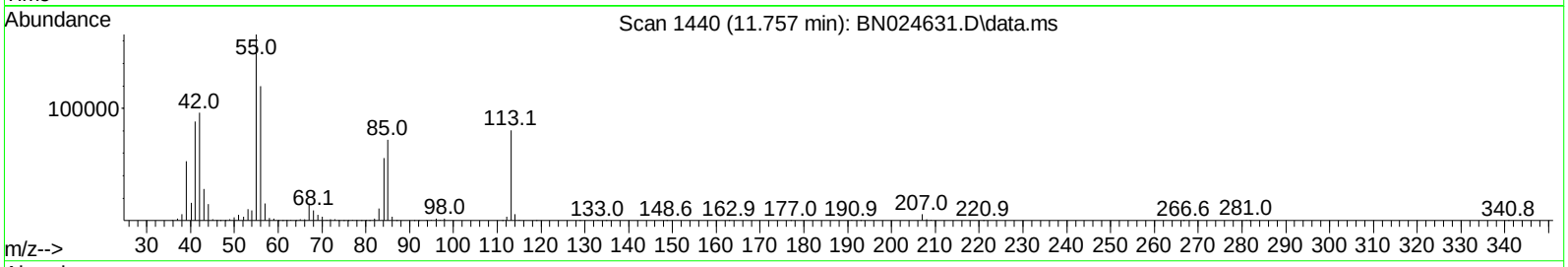

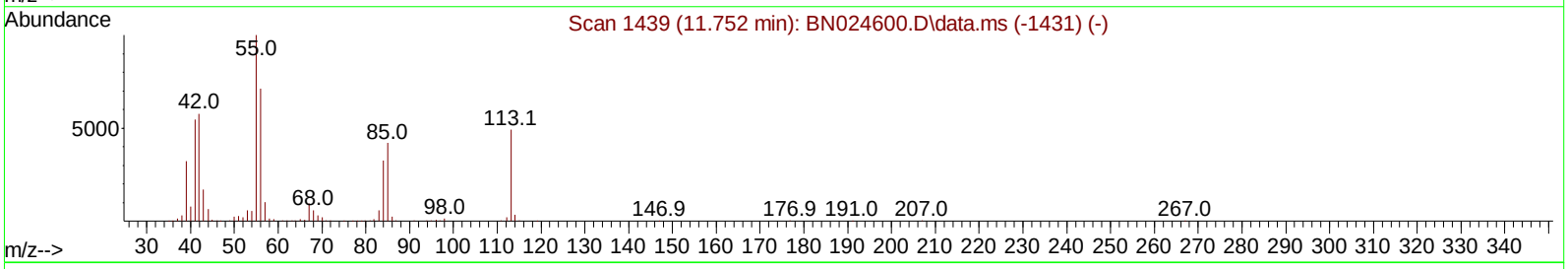

TIC: BN024631.D\data.ms

(34) Caprolactam

11.757min (-0.000) 34.91 ng/ul m

response 297210

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.70	205.60
56.00	152.00	148.86
0.00	0.00	0.00

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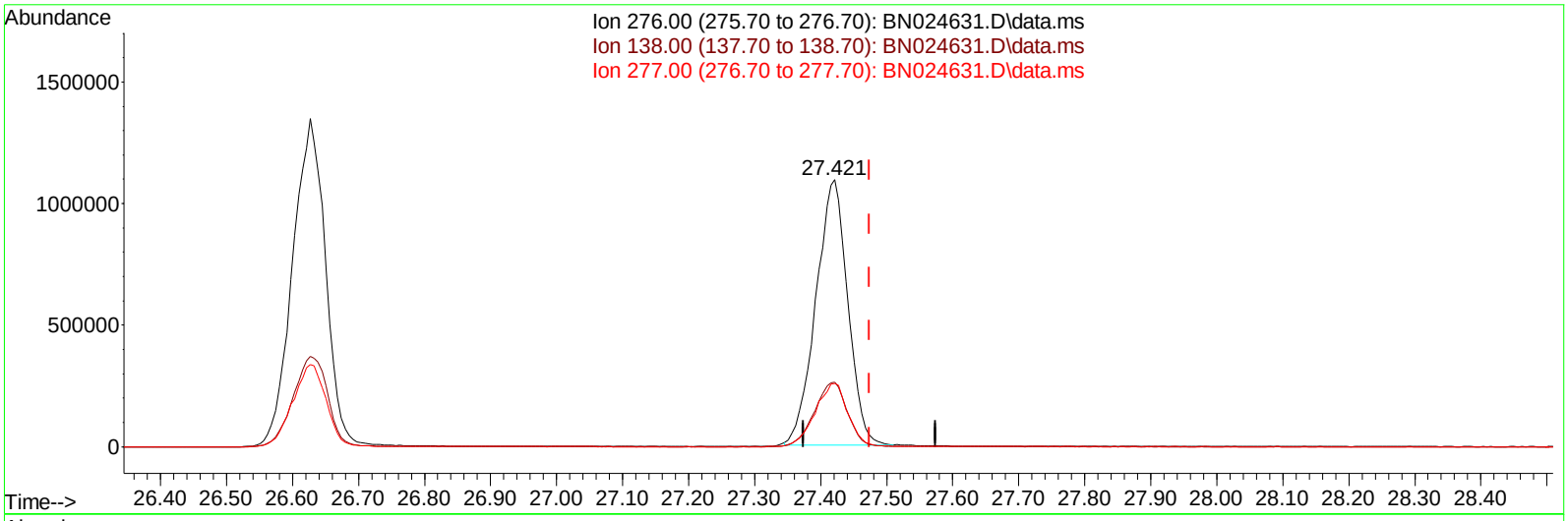

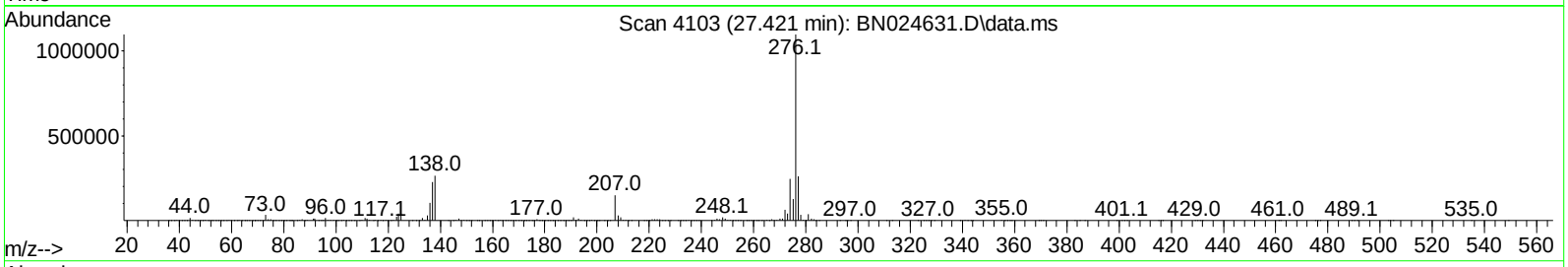

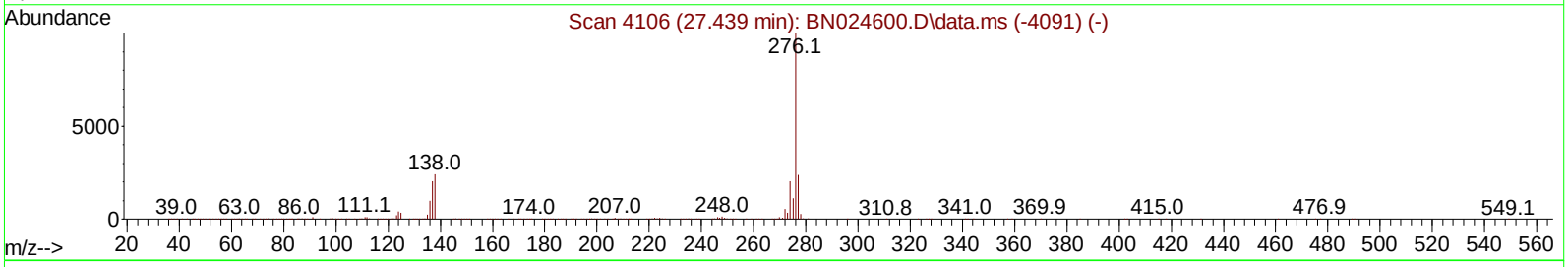

TIC: BN024631.D\data.ms

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

27.421min (-0.053) 32.34 ng/ul

response 3656623

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.40	24.11
277.00	23.00	23.65
0.00	0.00	0.00

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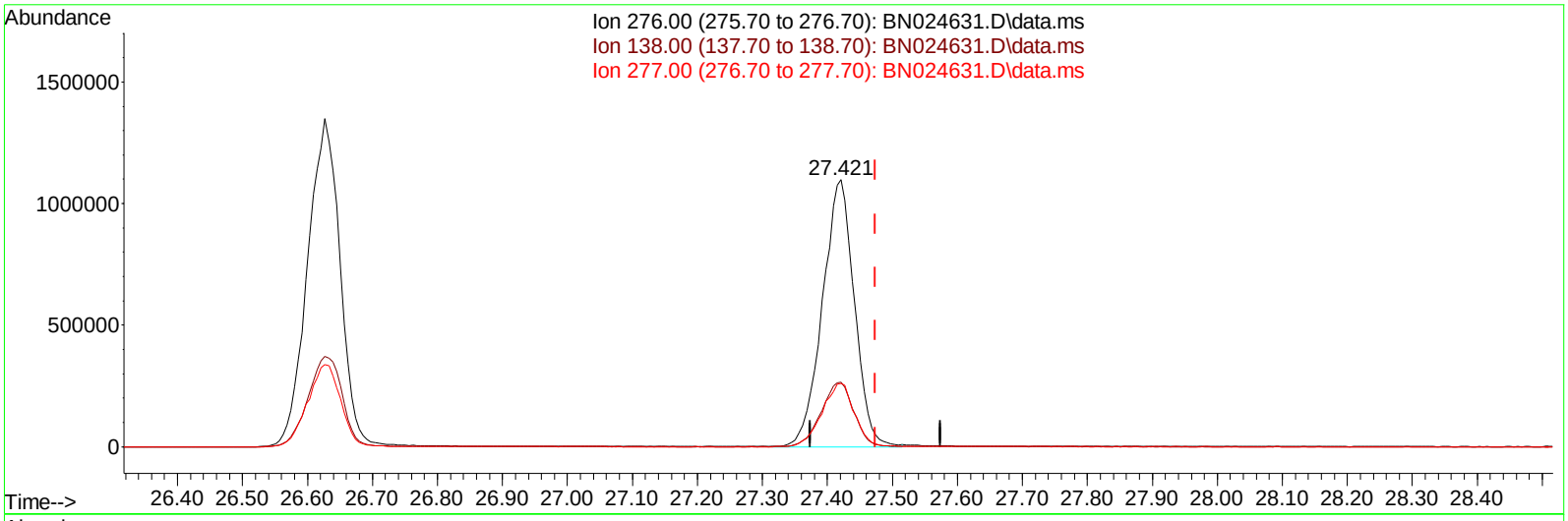

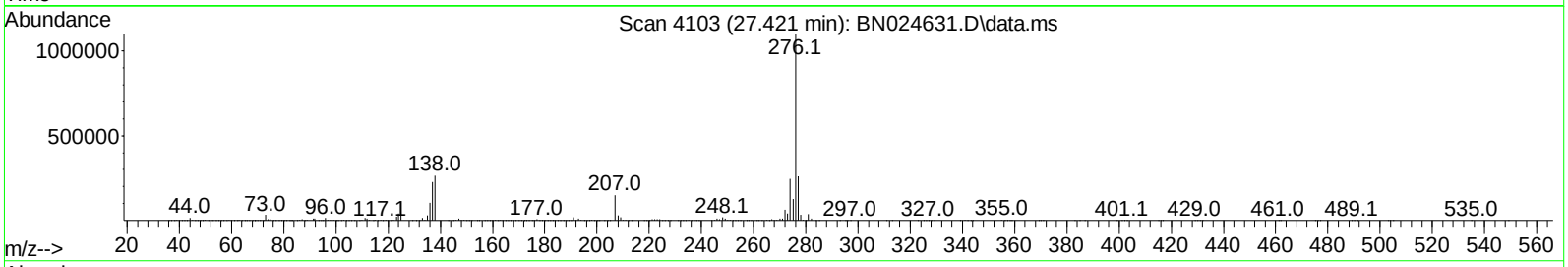

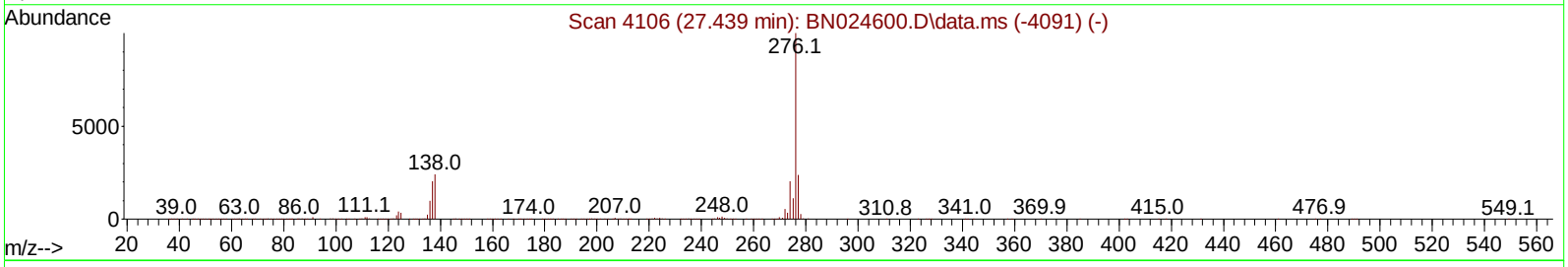

TIC: BN024631.D\data.ms

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

27.421min (-0.053) 33.16 ng/ul m

response 3749742

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.40	24.11
277.00	23.00	23.65
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	7.999	152	354278	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	1559776	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.639	164	962479	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	2055751	20.000	ng/ul	0.00
79) Chrysene-d12	21.568	240	1740858	20.000	ng/ul	0.00
88) Perylene-d12	24.039	264	1862500	20.000	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	62330	6.821	ng/uL	0.00
4) Pyridine-d5	3.793	84	901256	34.157	ng/ul	0.00
7) Phenol-d5	7.157	99	1221974	36.447	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.322	67	764594	35.315	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	912370	36.705	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	944646	35.230	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	460686	37.320	ng/ul	0.00
24) 2-Nitrophenol-d4	9.893	143	510733	38.224	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	918009	37.828	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	1194526	32.259	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	2709393	36.606	ng/ul	0.00
49) Acenaphthylene-d8	14.334	160	3105016	36.842	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	552997	35.698	ng/ul	0.00
60) Fluorene-d10	15.628	176	2253361	35.483	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	494390	36.512	ng/ul	0.00
73) Anthracene-d10	17.486	188	3438520	35.562	ng/ul	0.00
81) Pyrene-d10	19.774	212	3932835	39.072	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.880	264	3719621	39.414	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	123895	12.584	ng/uL	98
5) Pyridine	3.816	79	879940	32.039	ng/ul	96
6) Benzaldehyde	7.134	77	624776	40.827	ng/ul	99
8) Phenol	7.181	94	1217107	34.971	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.416	93	945027	34.435	ng/ul	95
12) 2-Chlorophenol	7.557	128	912610	35.191	ng/ul	99
13) 2-Methylphenol	8.440	108	897884	34.548	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.534	45	1699815	34.867	ng/ul	99
16) Acetophenone	8.828	105	1440827	34.423	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.816	70	767567	34.845	ng/ul	97
18) 4-Methylphenol	8.775	108	987961	34.240	ng/ul	99
19) Hexachloroethane	9.087	117	360773	35.224	ng/ul	94
22) Nitrobenzene	9.210	77	1147483	35.787	ng/ul	99
23) Isophorone	9.740	82	2116291	35.509	ng/ul	99
25) 2-Nitrophenol	9.928	139	536687	36.946	ng/ul	98
26) 2,4-Dimethylphenol	9.981	107	880690	29.188	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.222	93	1313546	34.344	ng/ul	99
29) 2,4-Dichlorophenol	10.457	162	876482	35.607	ng/ul	97
30) Naphthalene	10.869	128	3000895	34.624	ng/ul	100
32) 4-Chloroaniline	10.975	127	1133831	30.237	ng/ul	99
33) Hexachlorobutadiene	11.151	225	494868	34.909	ng/ul	98
34) Caprolactam	11.757	113	297210m	34.913	ng/ul	
35) 4-Chloro-3-methylphenol	12.098	107	1005727	35.738	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.469	142	2013859	34.707	ng/ul	97
37) 1-Methylnaphthalene	12.687	142	2046624	35.599	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.840	216	1015073	35.578	ng/ul	96
40) Hexachlorocyclopentadiene	12.816	237	522785	29.118	ng/ul	99
41) 2,4,6-Trichlorophenol	13.075	196	671203	35.311	ng/ul	93
42) 2,4,5-Trichlorophenol	13.145	196	751755	35.984	ng/ul	98
43) 1,1'-Biphenyl	13.475	154	2676936	35.007	ng/ul	98
44) 2-Chloronaphthalene	13.522	162	2098612	35.154	ng/ul	99
45) 2-Nitroaniline	13.722	65	716240	38.615	ng/ul	95
47) Dimethylphthalate	14.092	163	2646126	35.206	ng/ul	100
48) 2,6-Dinitrotoluene	14.216	165	544804	38.267	ng/ul	96
50) Acenaphthylene	14.363	152	3292538	35.683	ng/ul	99
51) 3-Nitroaniline	14.545	138	569622	37.642	ng/ul	97
52) Acenaphthene	14.704	153	2276295	35.401	ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	335843	34.728	ng/ul	99
55) 4-Nitrophenol	14.851	109	422246	35.626	ng/ul	98
56) Dibenzofuran	15.039	168	3118906	34.858	ng/ul	97
57) 2,4-Dinitrotoluene	15.004	165	805034	38.598	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.263	232	617028	35.442	ng/ul	99
59) Diethylphthalate	15.457	149	2615837	35.566	ng/ul	99
61) Fluorene	15.686	166	2526345	35.215	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.675	204	1205166	35.406	ng/ul	99
63) 4-Nitroaniline	15.710	138	592798	39.764	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.763	198	479101	35.781	ng/ul	98
67) N-Nitrosodiphenylamine	15.892	169	2148381	34.947	ng/ul	99
68) 4-Bromophenyl-phenylether	16.569	248	726878	35.426	ng/ul	96
69) Hexachlorobenzene	16.692	284	838990	34.744	ng/ul	97
70) Atrazine	16.839	200	552239	26.293	ng/ul	100
71) Pentachlorophenol	17.033	266	483249	32.738	ng/ul	97
72) Phenanthrene	17.428	178	3991122	34.646	ng/ul	99
74) Anthracene	17.522	178	3984288	34.428	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.440	216	1044758	35.547	ng/uL	95
76) Pentachlorobenzene	14.957	250	999995	35.027	ng/uL	98
77) Carbazole	17.792	167	3713295	35.686	ng/ul	99
78) Di-n-butylphthalate	18.345	149	4329651	36.719	ng/ul	100
80) Fluoranthene	19.439	202	4609682	38.617	ng/ul	99
82) Pyrene	19.804	202	4688046	37.255	ng/ul	99
83) Butylbenzylphthalate	20.692	149	1940472	40.499	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.480	252	1378503	33.875	ng/ul	91
85) Benzo(a)anthracene	21.551	228	4511940	36.690	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.468	149	2785670	41.699	ng/ul#	98
87) Chrysene	21.610	228	4239618	36.434	ng/ul	99
89) Di-n-octyl phthalate	22.416	149	4764992	42.233	ng/ul	100
90) Benzo(b)fluoranthene	23.286	252	4581410	37.565	ng/ul	98
91) Benzo(k)fluoranthene	23.333	252	4304012	36.967	ng/ul	99
93) Benzo(a)pyrene	23.933	252	3856188	36.108	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.627	276	4604138	33.831	ng/ul	100
95) Dibenzo(a,h)anthracene	26.645	278	3868003	34.271	ng/ul	99
96) Benzo(g,h,i)perylene	27.421	276	3749742m	33.161	ng/ul	

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

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