Quantitation Report (Qedit)

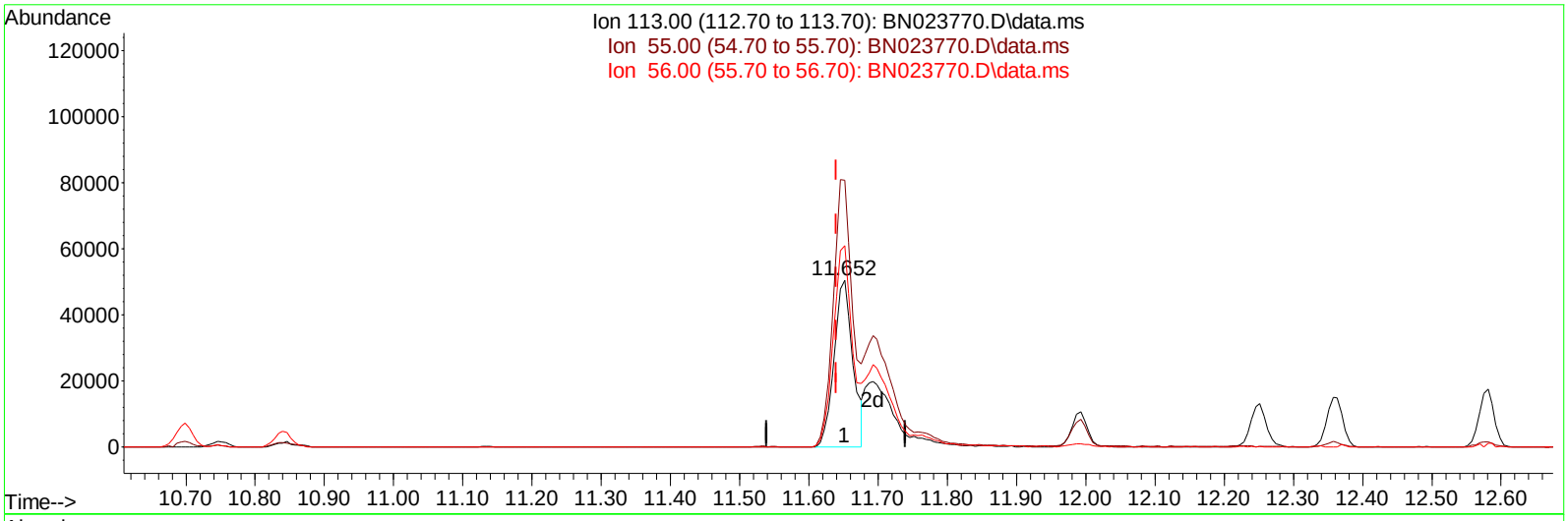
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012323\
Data File : BN023770.D
Acq On : 24 Jan 2023 10:47
Operator : CG/JU
Sample : PB150407BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

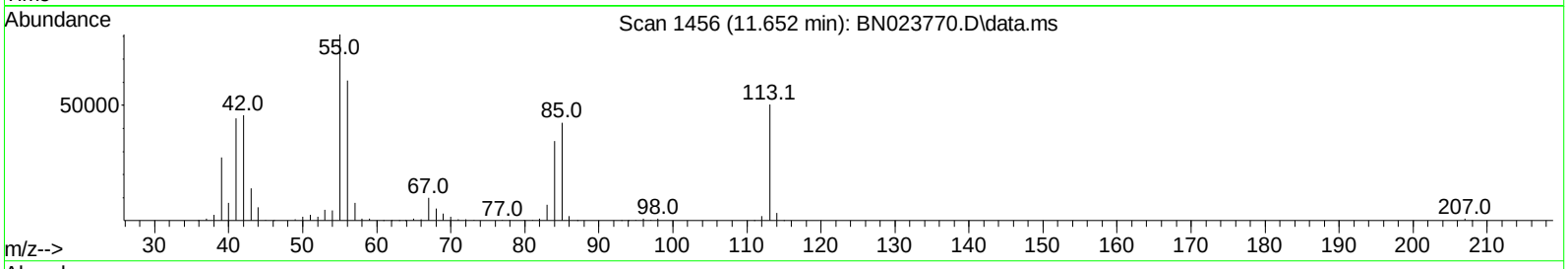
Quant Time: Jan 24 23:55:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 24 23:52:16 2023
Response via : Initial Calibration

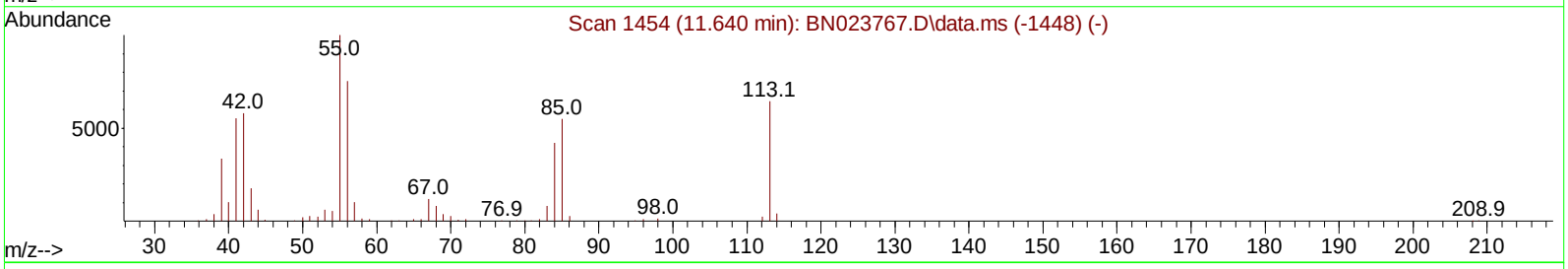
Instrument :
BNA_N
ClientSampleId :
SLCS407

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Yogesh Patel 01/25/2023







TIC: BN023770.D\data.ms

(34) Caprolactam

11.652min (+ 0.012) 18.38 ng/ul

response 94232

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.40	159.88
56.00	117.80	120.62
0.00	0.00	0.00

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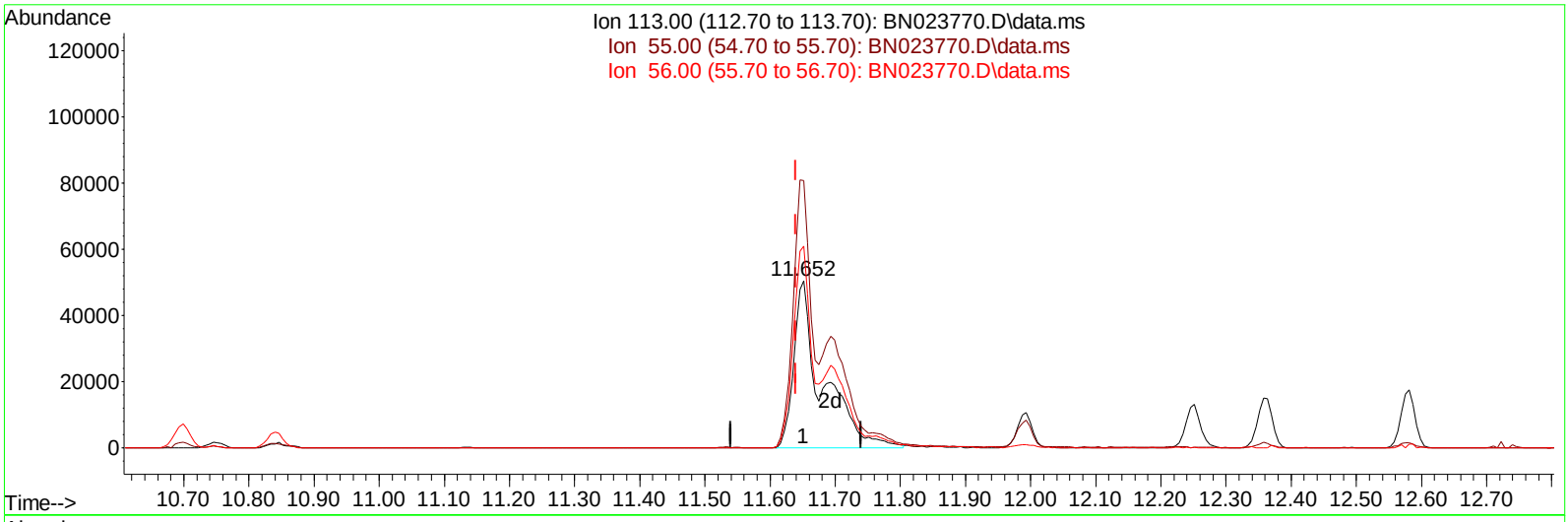

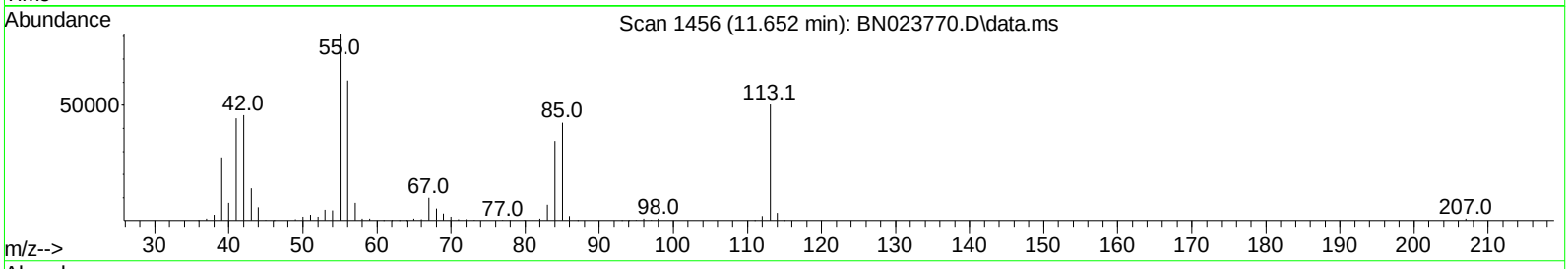

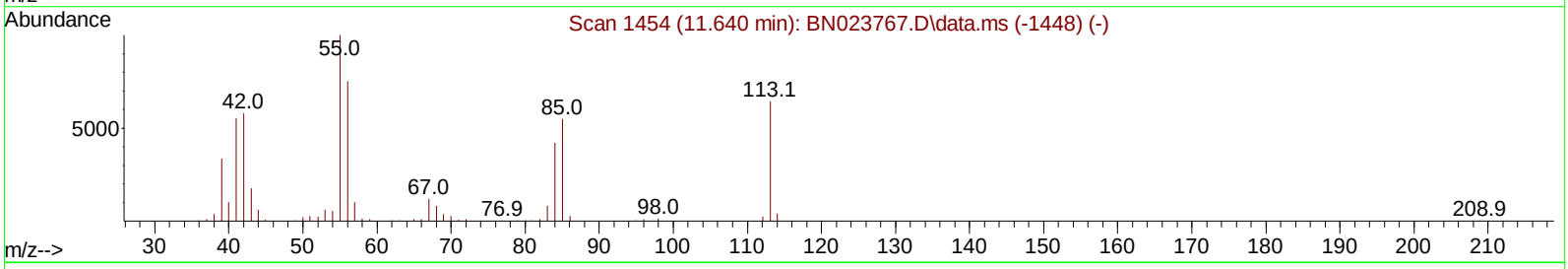

TIC: BN023770.D\data.ms

(34) Caprolactam

11.652min (+ 0.012) 29.94 ng/ul m

response 153491

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.40	159.88
56.00	117.80	120.62
0.00	0.00	0.00

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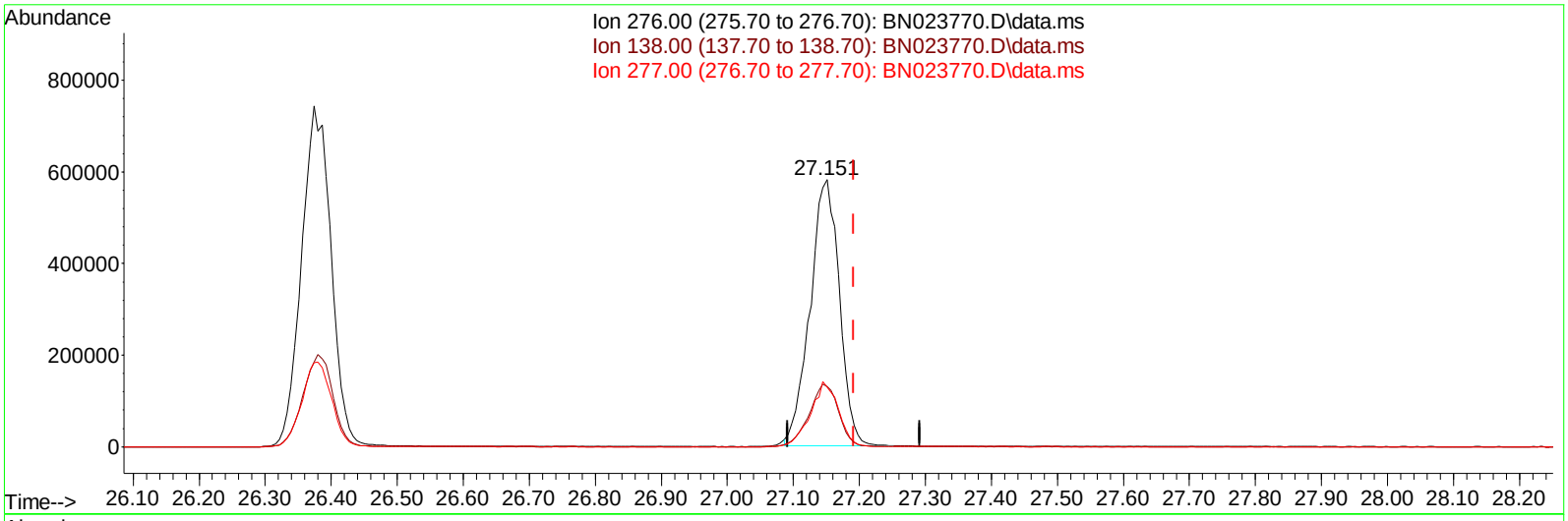

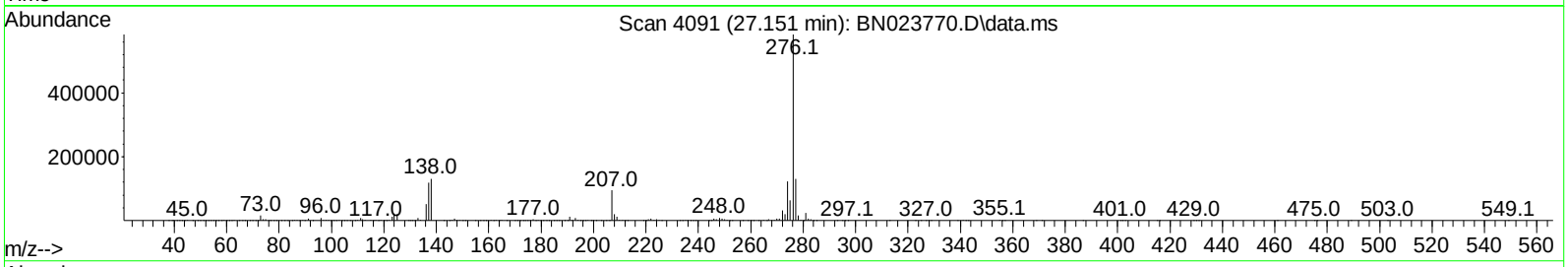

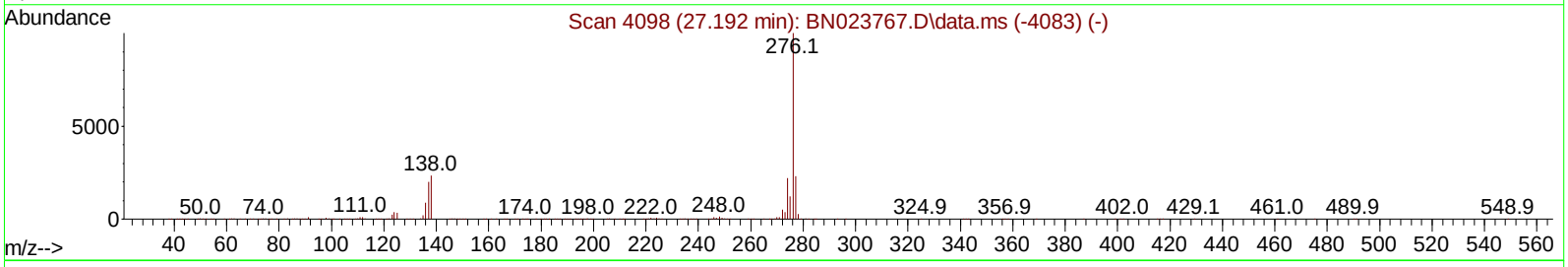

TIC: BN023770.D\data.ms

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

27.151min (-0.041) 28.65 ng/ul

response 1792793

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.30	22.51
277.00	22.00	22.39
0.00	0.00	0.00

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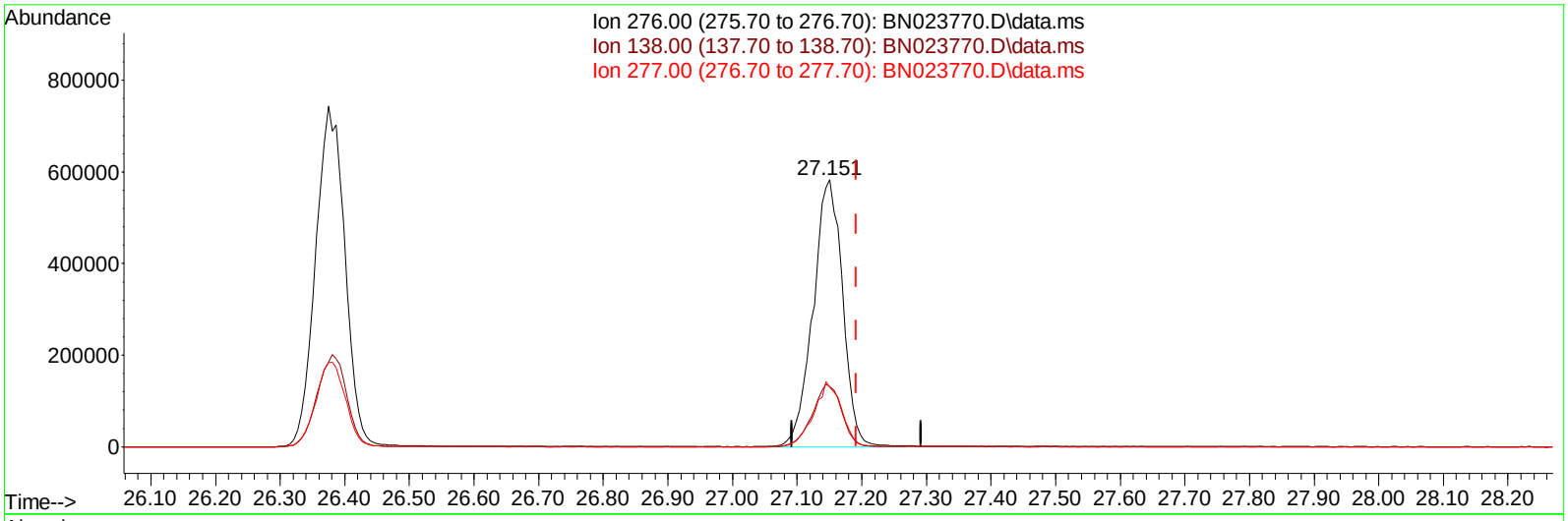

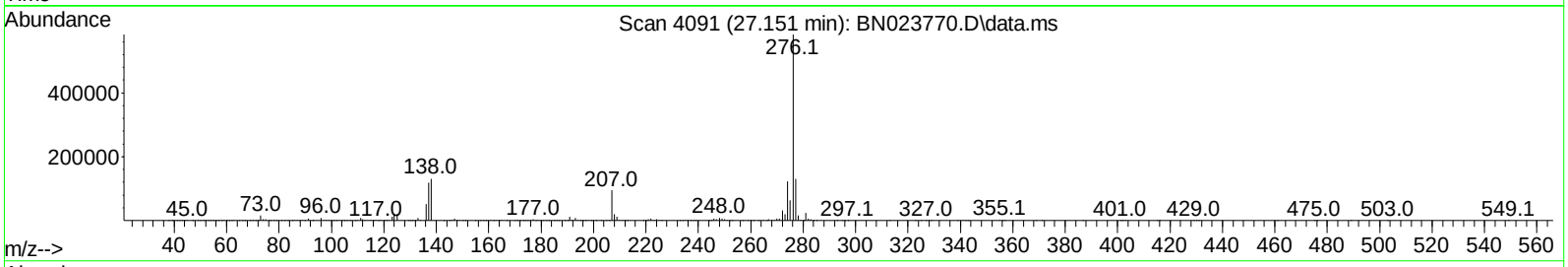

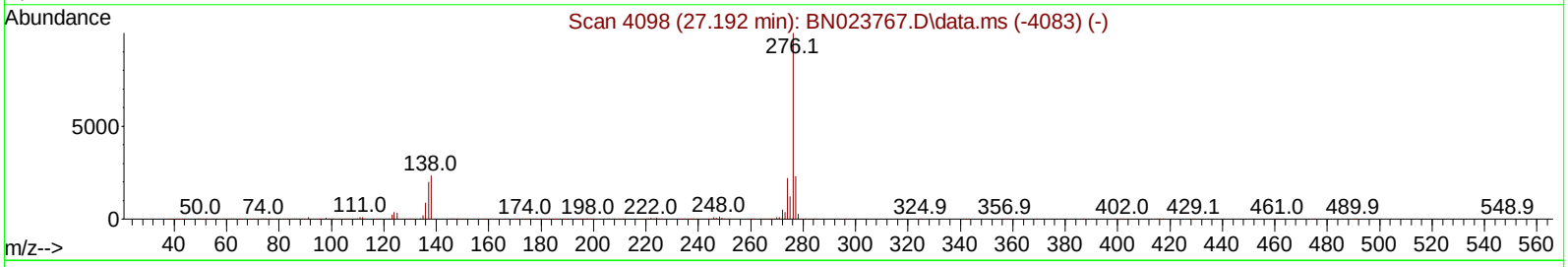

TIC: BN023770.D\data.ms

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

27.151min (-0.041) 29.26 ng/ul m

response 1830739

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.30	22.51
277.00	22.00	22.39
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 01/24/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	233611	20.000	ng/ul	0.00
20) Naphthalene-d8	10.699	136	1001808	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.540	164	607231	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.287	188	1271360	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	1050736	20.000	ng/ul	0.00
88) Perylene-d12	23.880	264	1150899	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	34262	6.311	ng/uL	0.00
4) Pyridine-d5	3.693	84	471402	28.942	ng/ul	0.00
7) Phenol-d5	7.052	99	590207	28.506	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	371832	29.275	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	502463	31.688	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	497924	30.131	ng/ul	0.00
21) Nitrobenzene-d5	9.058	128	245979	32.561	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	261169	32.658	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	487398	31.953	ng/ul	0.00
31) 4-Chloroaniline-d4	10.840	131	625129	26.054	ng/ul	0.00
46) Dimethylphthalate-d6	13.951	166	1405449	31.114	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	1606728	32.103	ng/ul	0.00
54) 4-Nitrophenol-d4	14.740	143	281806	30.645	ng/ul	0.00
60) Fluorene-d10	15.528	176	1181443	30.609	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	237328	30.944	ng/ul	0.00
73) Anthracene-d10	17.387	188	1853149	32.573	ng/ul	0.00
81) Pyrene-d10	19.681	212	1844121	30.688	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	1778667	31.251	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	66841	11.663	ng/uL	100
5) Pyridine	3.711	79	469290	28.145	ng/ul	99
6) Benzaldehyde	7.022	77	331497	41.342	ng/ul	99
8) Phenol	7.081	94	592816	28.128	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.311	93	481093	28.890	ng/ul	99
12) 2-Chlorophenol	7.446	128	504757	30.803	ng/ul	99
13) 2-Methylphenol	8.334	108	470655	29.675	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.428	45	673805	30.254	ng/ul	98
16) Acetophenone	8.722	105	746163	29.213	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.711	70	392828	30.545	ng/ul	98
18) 4-Methylphenol	8.669	108	518688	29.696	ng/ul	98
19) Hexachloroethane	8.969	117	201096	30.684	ng/ul	96
22) Nitrobenzene	9.099	77	585953	30.992	ng/ul	99
23) Isophorone	9.628	82	1014306	29.663	ng/ul	99
25) 2-Nitrophenol	9.810	139	274962	30.932	ng/ul	98
26) 2,4-Dimethylphenol	9.875	107	524084	29.051	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.110	93	679637	30.643	ng/ul	99
29) 2,4-Dichlorophenol	10.346	162	464699	30.447	ng/ul	97
30) Naphthalene	10.746	128	1583415	29.402	ng/ul	99
32) 4-Chloroaniline	10.863	127	602545	25.075	ng/ul	97
33) Hexachlorobutadiene	11.028	225	275700	29.205	ng/ul	97
34) Caprolactam	11.652	113	153491m	29.943	ng/ul	
35) 4-Chloro-3-methylphenol	11.993	107	513426	30.851	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.363	142	985282	27.445	ng/ul	98
37) 1-Methylnaphthalene	12.581	142	1031247	28.116	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.728	216	488915	27.224	ng/ul	96
40) Hexachlorocyclopentadiene	12.704	237	321068	28.366	ng/ul	100
41) 2,4,6-Trichlorophenol	12.969	196	326924	27.616	ng/ul	90
42) 2,4,5-Trichlorophenol	13.040	196	365708	28.248	ng/ul	94
43) 1,1'-Biphenyl	13.375	154	1276168	27.241	ng/ul	98
44) 2-Chloronaphthalene	13.410	162	993739	27.341	ng/ul	99
45) 2-Nitroaniline	13.622	65	333950	33.318	ng/ul	100
47) Dimethylphthalate	13.998	163	1387497	30.568	ng/ul	100
48) 2,6-Dinitrotoluene	14.122	165	287594	33.516	ng/ul	97
50) Acenaphthylene	14.263	152	1704898	30.636	ng/ul	100
51) 3-Nitroaniline	14.451	138	279692	32.526	ng/ul	98
52) Acenaphthene	14.604	153	1173447	29.908	ng/ul	99
53) 2,4-Dinitrophenol	14.651	184	138041	24.614	ng/ul	98
55) 4-Nitrophenol	14.757	109	216458	29.147	ng/ul	97
56) Dibenzofuran	14.934	168	1629514	29.838	ng/ul	97
57) 2,4-Dinitrotoluene	14.904	165	410880	32.800	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.163	232	340837	30.724	ng/ul	98
59) Diethylphthalate	15.363	149	1396498	30.714	ng/ul	99
61) Fluorene	15.587	166	1299815	29.392	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.581	204	644843	29.952	ng/ul	96
63) 4-Nitroaniline	15.616	138	305912	38.640	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.669	198	230529	30.458	ng/ul	99
67) N-Nitrosodiphenylamine	15.793	169	1137553	31.883	ng/ul	99
68) 4-Bromophenyl-phenylether	16.475	248	399797	31.373	ng/ul	98
69) Hexachlorobenzene	16.587	284	468194	31.352	ng/ul	98
70) Atrazine	16.751	200	413363	30.956	ng/ul	99
71) Pentachlorophenol	16.934	266	283132	29.707	ng/ul	94
72) Phenanthrene	17.328	178	2083230	30.581	ng/ul	99
74) Anthracene	17.422	178	2108589	31.101	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.334	216	494155	28.870	ng/uL	99
76) Pentachlorobenzene	14.857	250	532742	31.072	ng/uL	99
77) Carbazole	17.692	167	1974477	32.074	ng/ul	100
78) Di-n-butylphthalate	18.251	149	2402367	32.869	ng/ul	100
80) Fluoranthene	19.339	202	2189399	31.150	ng/ul	99
82) Pyrene	19.710	202	2234839	30.103	ng/ul	100
83) Butylbenzylphthalate	20.604	149	998930	33.987	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.398	252	726835	31.666	ng/ul	99
85) Benzo(a)anthracene	21.463	228	2208611	31.031	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.386	149	1433425	33.590	ng/ul	99
87) Chrysene	21.516	228	2034252	30.483	ng/ul	100
89) Di-n-octyl phthalate	22.316	149	2439218	30.709	ng/ul	100
90) Benzo(b)fluoranthene	23.151	252	2151740	29.351	ng/ul	99
91) Benzo(k)fluoranthene	23.204	252	2166751	29.881	ng/ul	99
93) Benzo(a)pyrene	23.780	252	1998505	31.433	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.374	276	2285849	29.091	ng/ul	98
95) Dibenzo(a,h)anthracene	26.398	278	1896472	29.190	ng/ul	98
96) Benzo(g,h,i)perylene	27.151	276	1830739m	29.256	ng/ul	

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

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