Quantitation Report (Qedit)

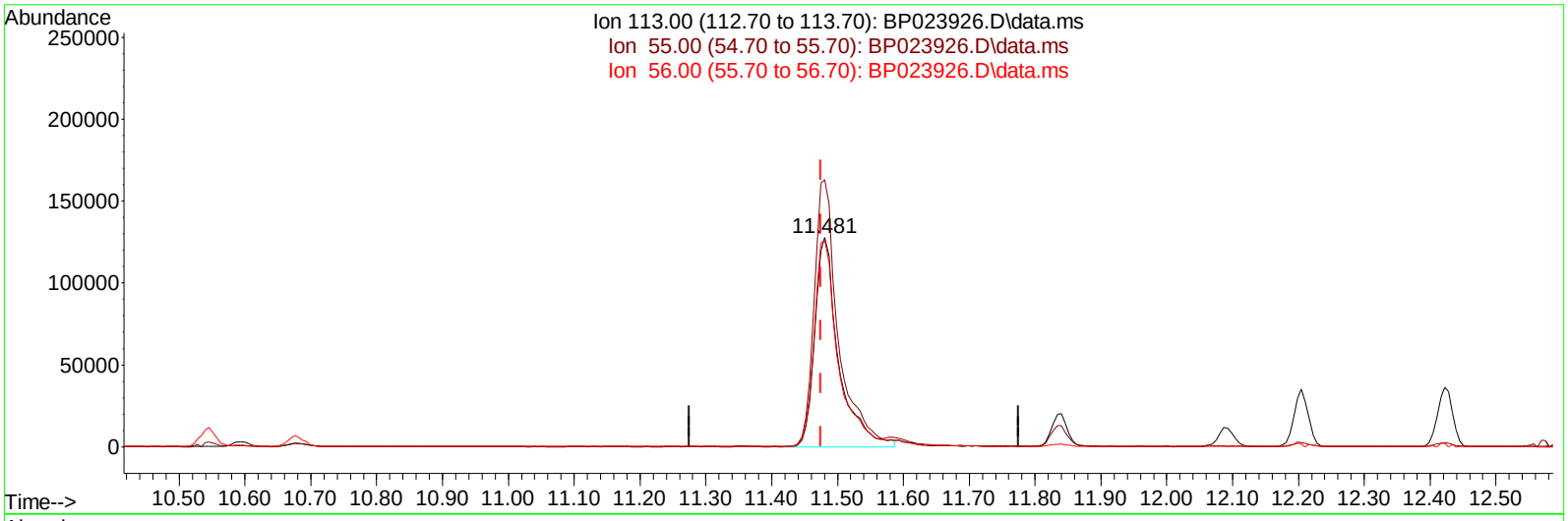
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023926.D
Acq On : 05 Feb 2025 00:11
Operator : RC/JU
Sample : PB166444BS
Misc :
ALS Vial : 56 Sample Multiplier: 1

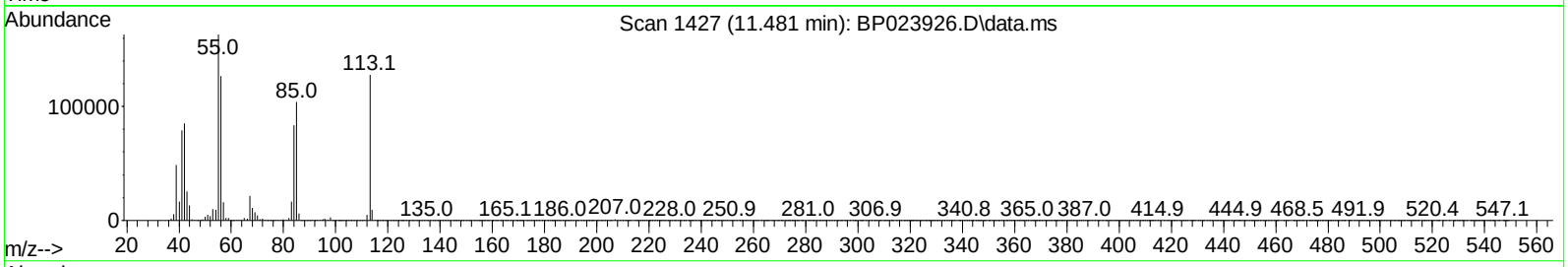
Quant Time: Feb 05 07:57:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

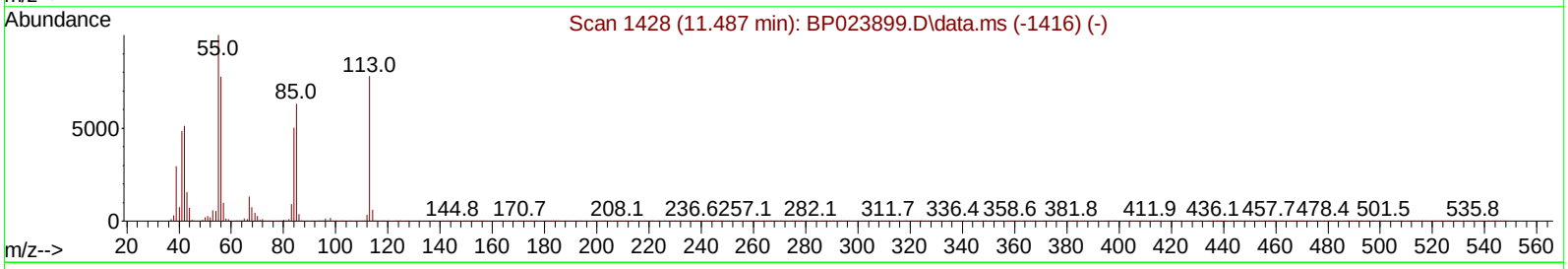
Instrument :
BNA_P
ClientSampleId :
SLCS444

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/05/2025
Supervised By :mohammad ahmed 02/06/2025







TIC: BP023926.D\data.ms

(34) Caprolactam

11.481min (+ 0.006) 26.09 ng/ul

response 322512

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	126.40	127.72
56.00	96.30	98.97
0.00	0.00	0.00

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Misc :
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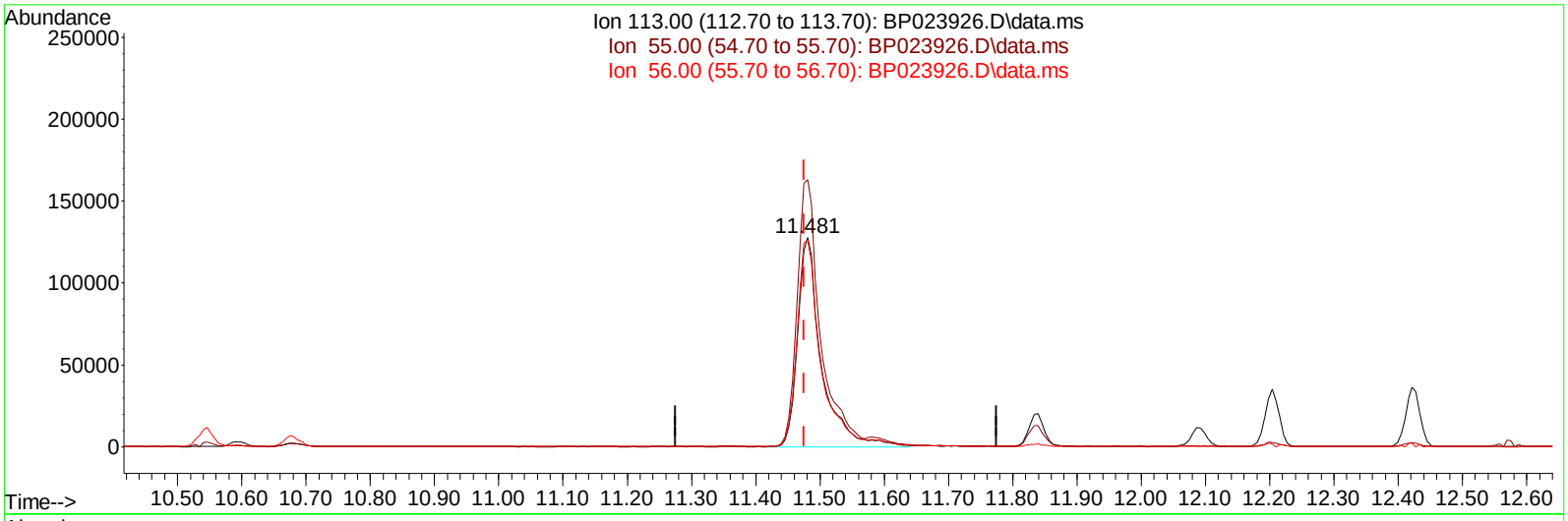

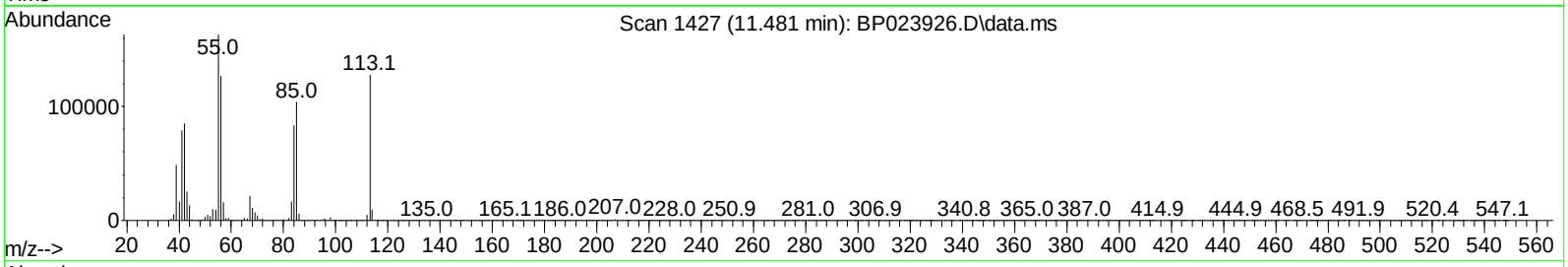

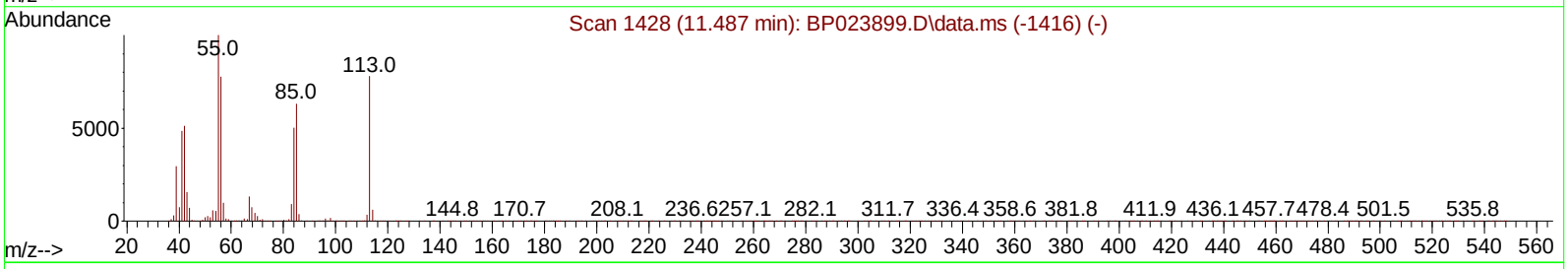

TIC: BP023926.D\data.ms

(34) Caprolactam

11.481min (+ 0.006) 26.64 ng/ul m

response 329312

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	126.40	127.72
56.00	96.30	98.97
0.00	0.00	0.00

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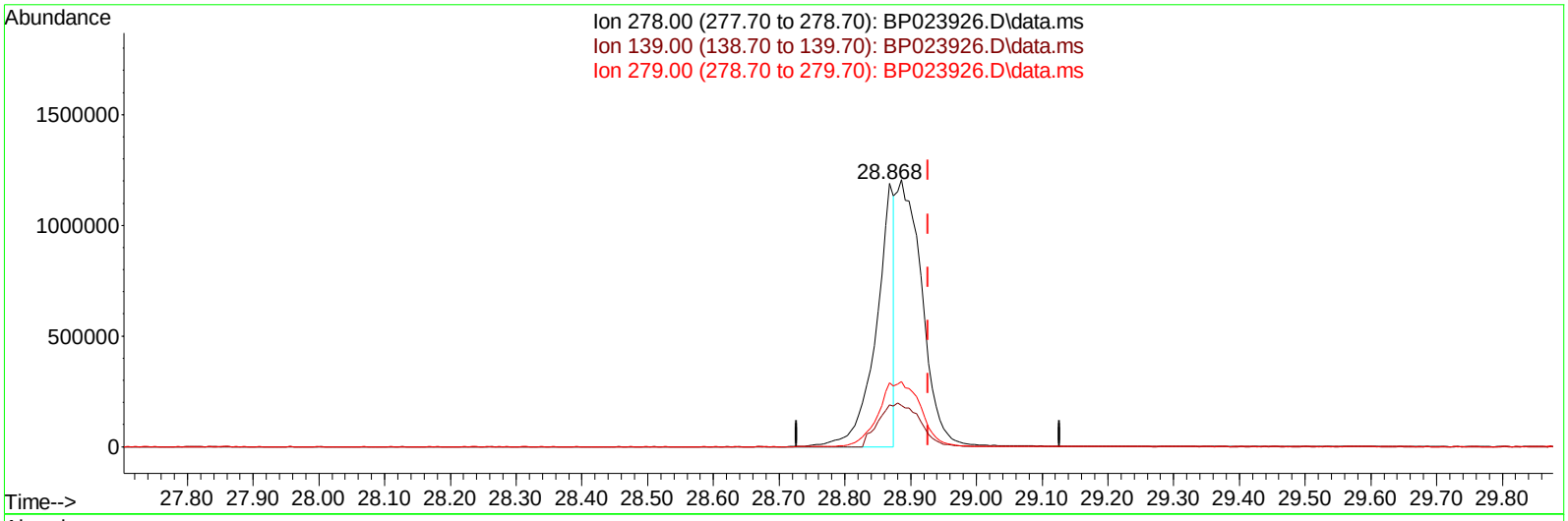

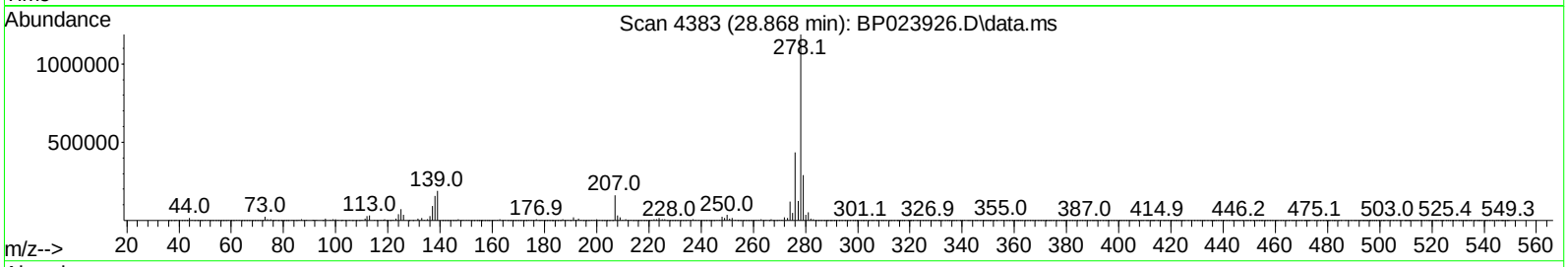

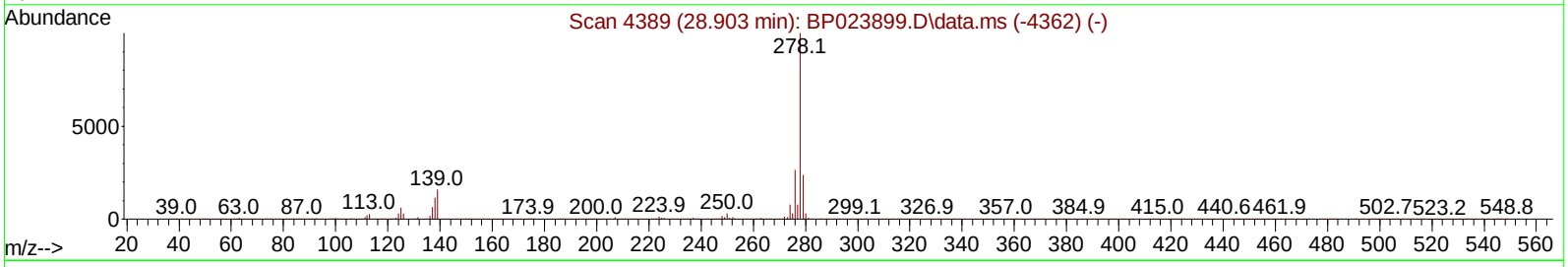

TIC: BP023926.D\data.ms

(95) Dibenzo(a,h)anthracene

28.868min (-0.059) 14.25 ng/ul

response 2311008

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.90	15.90
279.00	23.80	24.27
0.00	0.00	0.00

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Operator : RC/JU
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ALS Vial : 56 Sample Multiplier: 1

Quant Time: Feb 05 07:57:08 2025
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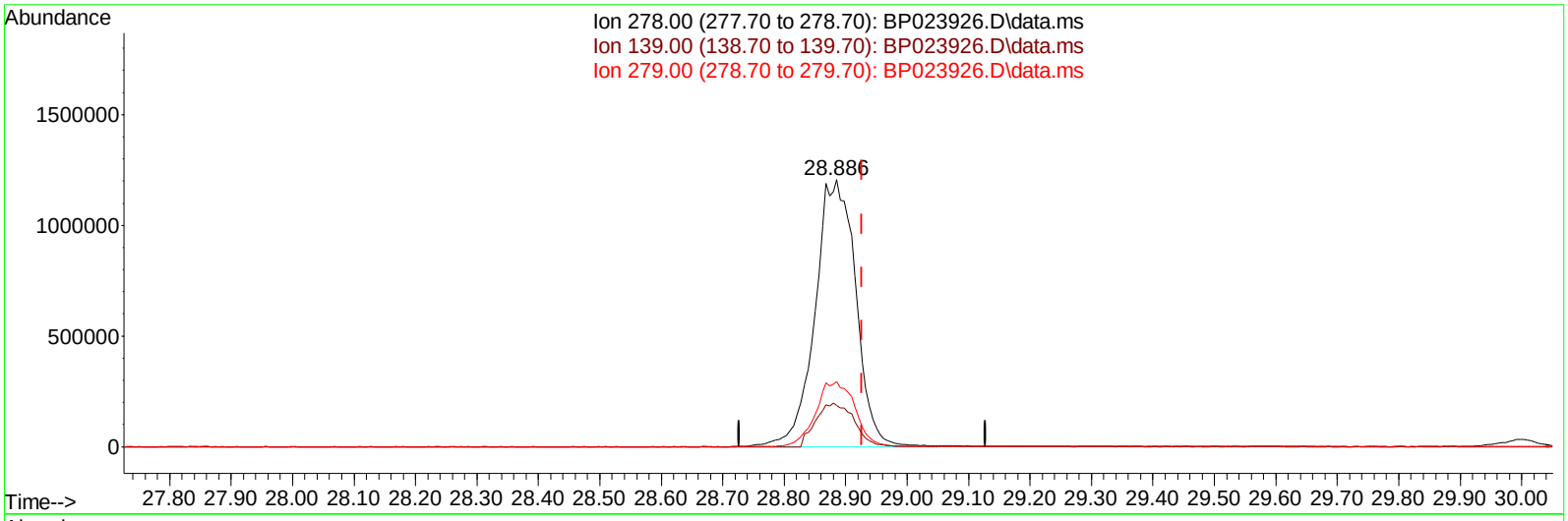

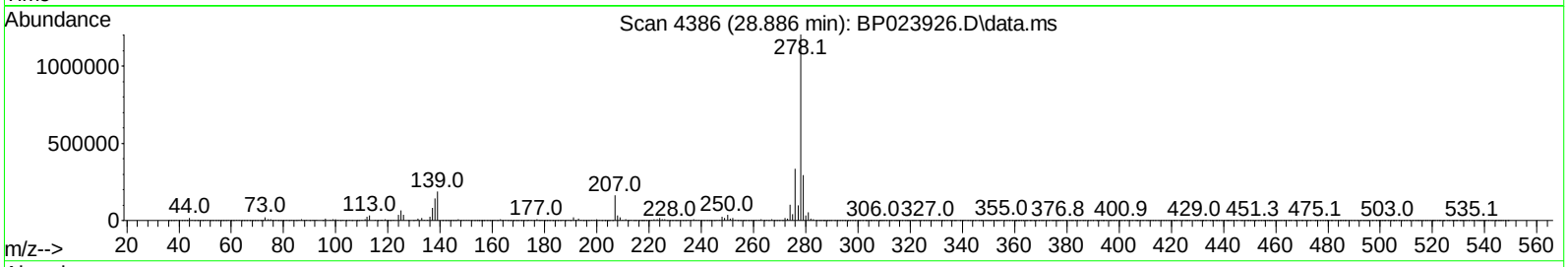

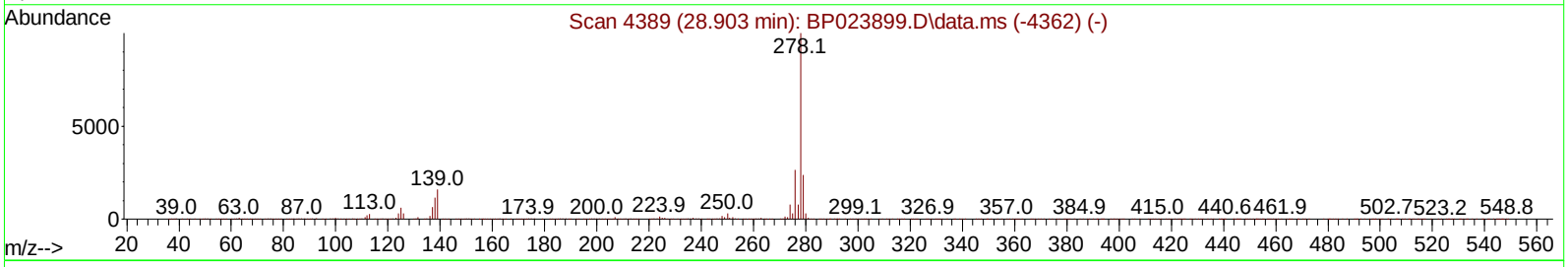

TIC: BP023926.D\data.ms

(95) Dibenzo(a,h)anthracene

28.886min (-0.041) 34.22 ng/ul m

response 5550079

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.90	15.51
279.00	23.80	24.52
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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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	7.775	152	486979	20.000	ng/ul	0.00
20) Naphthalene-d8	10.546	136	1986894	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.387	164	1191379	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.181	188	2428390	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	2790974	20.000	ng/ul	-0.02
88) Perylene-d12	24.980	264	2721954	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	75911	6.477	ng/uL	0.00
4) Pyridine-d5	3.705	84	1118850	33.082	ng/ul	0.00
7) Phenol-d5	6.958	99	1406292	32.631	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	726920	31.866	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	1126297	33.281	ng/ul	0.00
15) 4-Methylphenol-d8	8.481	113	1075585	30.552	ng/ul	0.00
21) Nitrobenzene-d5	8.916	128	523580	32.937	ng/ul	0.00
24) 2-Nitrophenol-d4	9.634	143	552797	32.228	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	1032632	32.817	ng/ul	0.00
31) 4-Chloroaniline-d4	10.675	131	1176612	25.003	ng/ul	0.00
46) Dimethylphthalate-d6	13.792	166	2773729	31.213	ng/ul	0.00
49) Acenaphthylene-d8	14.081	160	3316980	33.095	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	597895	33.879	ng/ul	0.00
60) Fluorene-d10	15.392	176	2469504	32.999	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	459356	30.662	ng/ul	0.00
73) Anthracene-d10	17.281	188	3901033	32.717	ng/ul	0.00
81) Pyrene-d10	19.657	212	4717615	31.546	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.762	264	4899651	34.500	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	156828	12.724	ng/uL	98
5) Pyridine	3.722	79	1109868	32.778	ng/ul	100
6) Benzaldehyde	6.922	77	194773	9.208	ng/ul	95
8) Phenol	6.987	94	1456674	32.918	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.199	93	1055294	31.327	ng/ul	99
12) 2-Chlorophenol	7.352	128	1165193	33.420	ng/ul	99
13) 2-Methylphenol	8.216	108	1029342	30.914	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.287	45	1089710	31.355	ng/ul	99
16) Acetophenone	8.587	105	1642119	30.512	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.569	70	766494	30.245	ng/ul	98
18) 4-Methylphenol	8.540	108	1148740	31.095	ng/ul	99
19) Hexachloroethane	8.846	117	441291	32.009	ng/ul	97
22) Nitrobenzene	8.957	77	1162183	33.689	ng/ul	98
23) Isophorone	9.487	82	2114645	30.359	ng/ul	99
25) 2-Nitrophenol	9.663	139	598477	31.989	ng/ul	95
26) 2,4-Dimethylphenol	9.728	107	965062	27.869	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.957	93	1325599	30.552	ng/ul	100
29) 2,4-Dichlorophenol	10.199	162	1043300	32.695	ng/ul	98
30) Naphthalene	10.593	128	3412278	32.084	ng/ul	100
32) 4-Chloroaniline	10.704	127	782343	17.616	ng/ul	99
33) Hexachlorobutadiene	10.881	225	610571	31.606	ng/ul	99
34) Caprolactam	11.481	113	329312m	26.638	ng/ul	
35) 4-Chloro-3-methylphenol	11.840	107	1062514	30.975	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.204	142	2308137	30.866	ng/ul	100
37) 1-Methylnaphthalene	12.422	142	2287132	30.831	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.575	216	1179050	33.476	ng/ul	99
40) Hexachlorocyclopentadiene	12.557	237	434835	21.910	ng/ul	99
41) 2,4,6-Trichlorophenol	12.816	196	732910	31.153	ng/ul	99
42) 2,4,5-Trichlorophenol	12.893	196	832136	32.815	ng/ul	99
43) 1,1'-Biphenyl	13.216	154	2939481	33.239	ng/ul	100
44) 2-Chloronaphthalene	13.257	162	2315404	33.602	ng/ul	99
45) 2-Nitroaniline	13.463	65	620122	34.578	ng/ul	94
47) Dimethylphthalate	13.840	163	2765412	31.276	ng/ul	99
48) 2,6-Dinitrotoluene	13.957	165	559182	32.361	ng/ul	98
50) Acenaphthylene	14.110	152	3599849	33.727	ng/ul	100
51) 3-Nitroaniline	14.292	138	608960	32.067	ng/ul	99
52) Acenaphthene	14.457	153	2494239	32.959	ng/ul	99
53) 2,4-Dinitrophenol	14.498	184	290061	28.157	ng/ul	96
55) 4-Nitrophenol	14.622	109	454756	36.423	ng/ul	96
56) Dibenzofuran	14.798	168	3420800	32.622	ng/ul	99
57) 2,4-Dinitrotoluene	14.751	165	847032	32.956	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.028	232	639002	29.613	ng/ul	94
59) Diethylphthalate	15.222	149	2778689	31.367	ng/ul	100
61) Fluorene	15.451	166	2973211	34.179	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.445	204	1402276	32.564	ng/ul	96
63) 4-Nitroaniline	15.469	138	768872	41.615	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.528	198	497145	30.183	ng/ul#	99
67) N-Nitrosodiphenylamine	15.663	169	2359297	31.834	ng/ul	99
68) 4-Bromophenyl-phenylether	16.357	248	848723	30.978	ng/ul	99
69) Hexachlorobenzene	16.475	284	1018282	30.675	ng/ul	97
70) Atrazine	16.633	200	324760	11.316	ng/ul	99
71) Pentachlorophenol	16.822	266	577738	28.294	ng/ul	100
72) Phenanthrene	17.228	178	4570308	33.326	ng/ul	100
74) Anthracene	17.322	178	4567583	33.027	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.181	216	1140916	32.084	ng/uL	99
76) Pentachlorobenzene	14.716	250	1131768	29.534	ng/uL	99
77) Carbazole	17.598	167	4334383	35.774	ng/ul	99
78) Di-n-butylphthalate	18.186	149	4831777	32.220	ng/ul	100
80) Fluoranthene	19.310	202	5442181	31.594	ng/ul	99
82) Pyrene	19.680	202	5970668	33.146	ng/ul	97
83) Butylbenzylphthalate	20.633	149	2395276	30.878	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.521	252	1666954	27.606	ng/ul	100
85) Benzo(a)anthracene	21.604	228	5932049	32.322	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.545	149	3503003	30.950	ng/ul	99
87) Chrysene	21.669	228	5568959	32.931	ng/ul	98
89) Di-n-octyl phthalate	22.839	149	5770470	35.365	ng/ul	100
90) Benzo(b)fluoranthene	23.927	252	5670870	34.335	ng/ul	99
91) Benzo(k)fluoranthene	23.992	252	5974047	36.081	ng/ul	100
93) Benzo(a)pyrene	24.833	252	5337705	34.607	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.809	276	6644318	33.234	ng/ul	99
95) Dibenzo(a,h)anthracene	28.886	278	5550079m	34.222	ng/ul	
96) Benzo(g,h,i)perylene	30.003	276	5136034	33.539	ng/ul	100

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

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