Quantitation Report (Qedit)

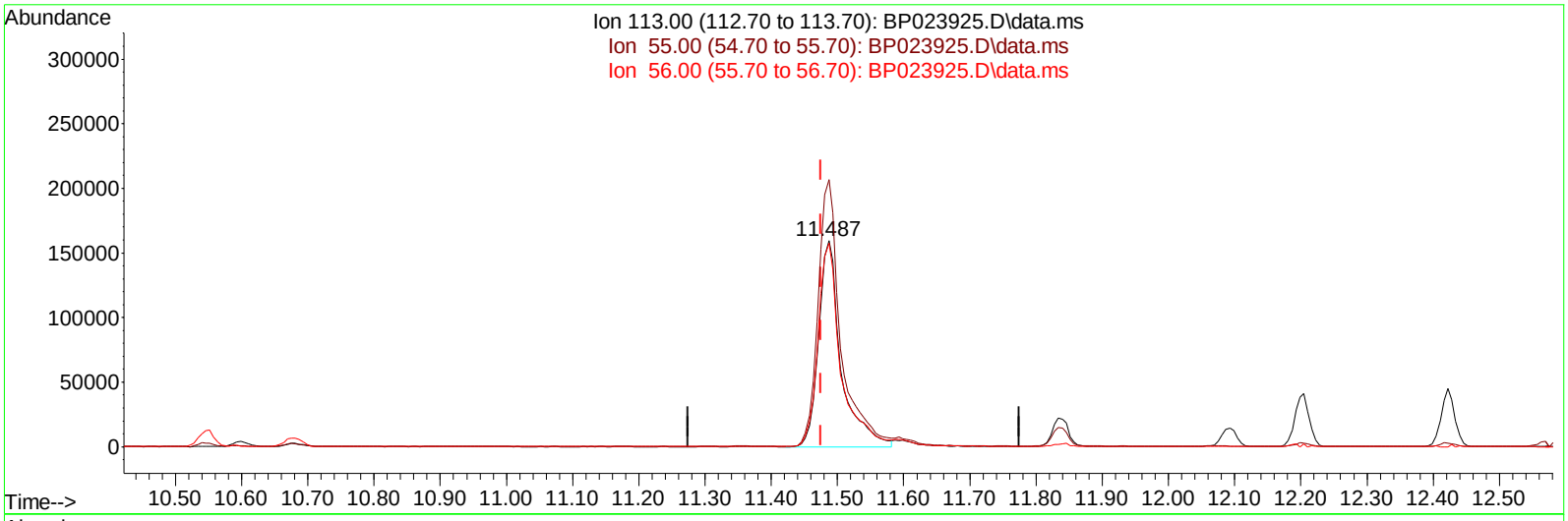
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023925.D
Acq On : 04 Feb 2025 23:31
Operator : RC/JU
Sample : PB166438BS
Misc :
ALS Vial : 55 Sample Multiplier: 1

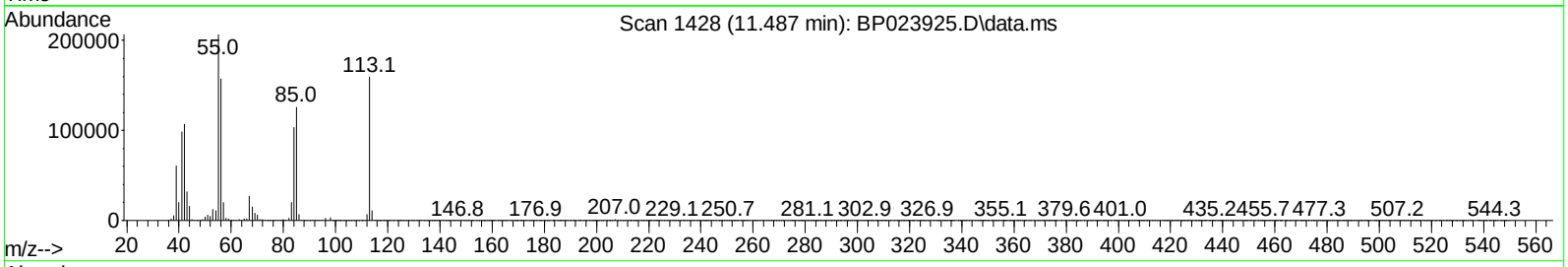
Quant Time: Feb 05 07:56:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

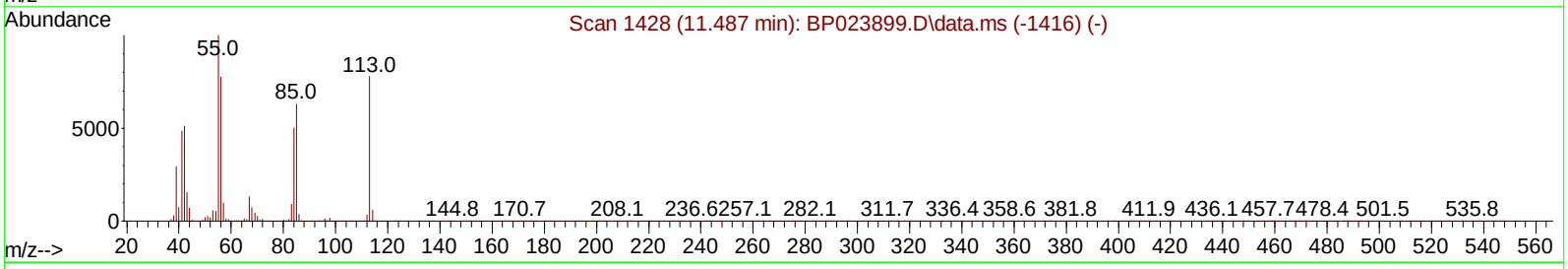
Instrument :
BNA_P
ClientSampleId :
SLCS438

Manual IntegrationsAPPROVED

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







TIC: BP023925.D\data.ms

(34) Caprolactam

11.487min (+ 0.012) 27.29 ng/ul

response 377459

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	126.40	129.53
56.00	96.30	98.88
0.00	0.00	0.00

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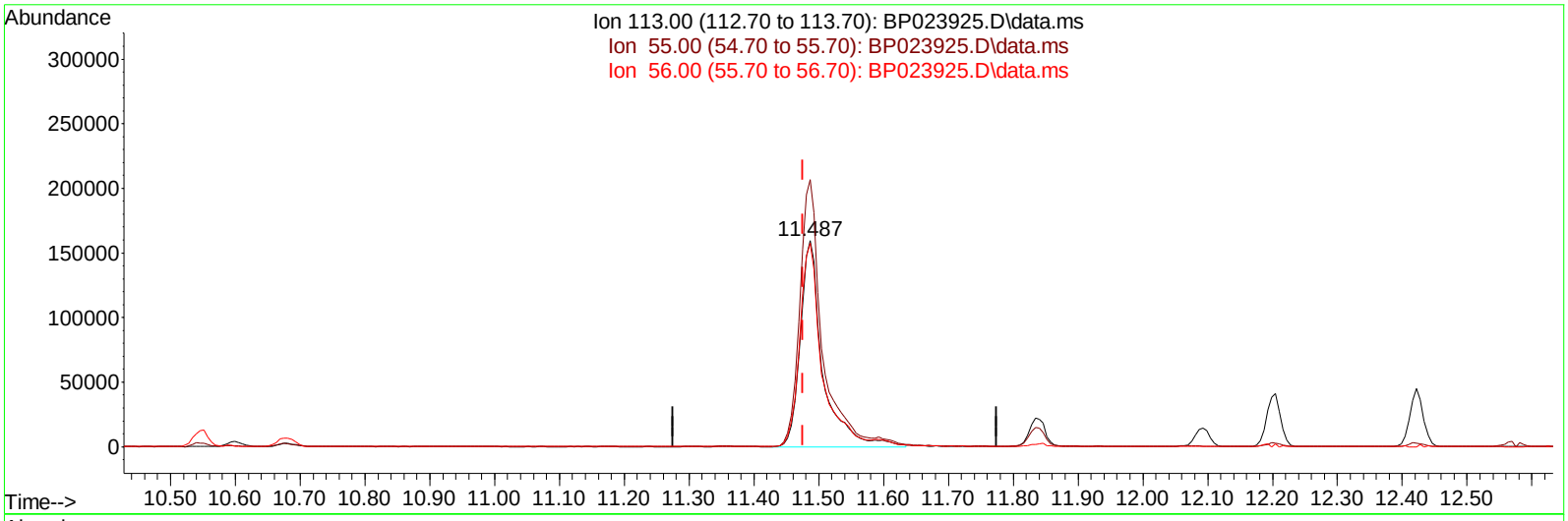

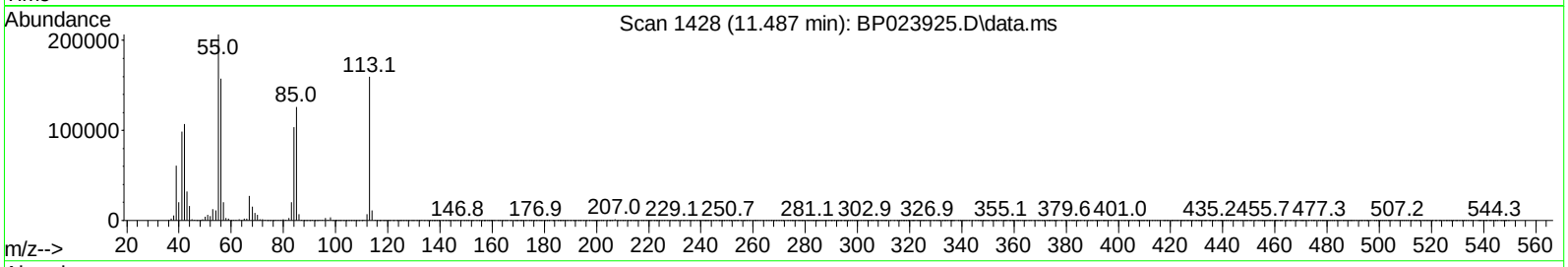

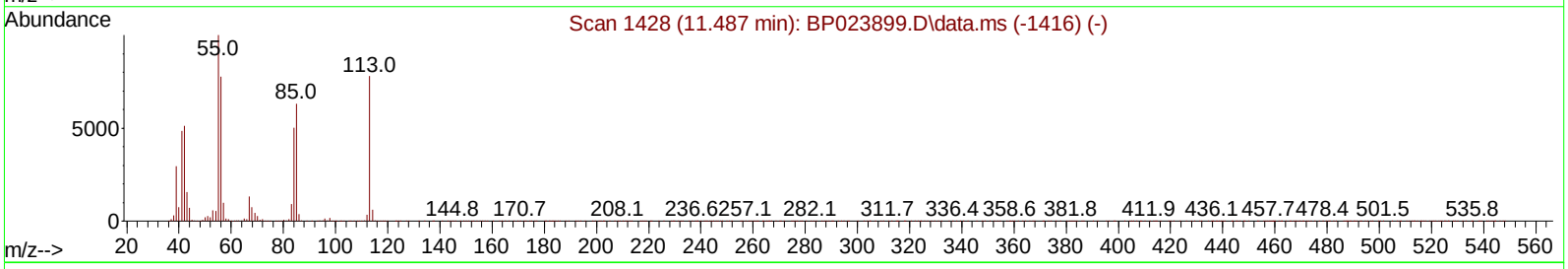

TIC: BP023925.D\data.ms

(34) Caprolactam

11.487min (+ 0.012) 28.08 ng/ul m

response 388284

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	126.40	129.53
56.00	96.30	98.88
0.00	0.00	0.00

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ALS Vial : 55 Sample Multiplier: 1

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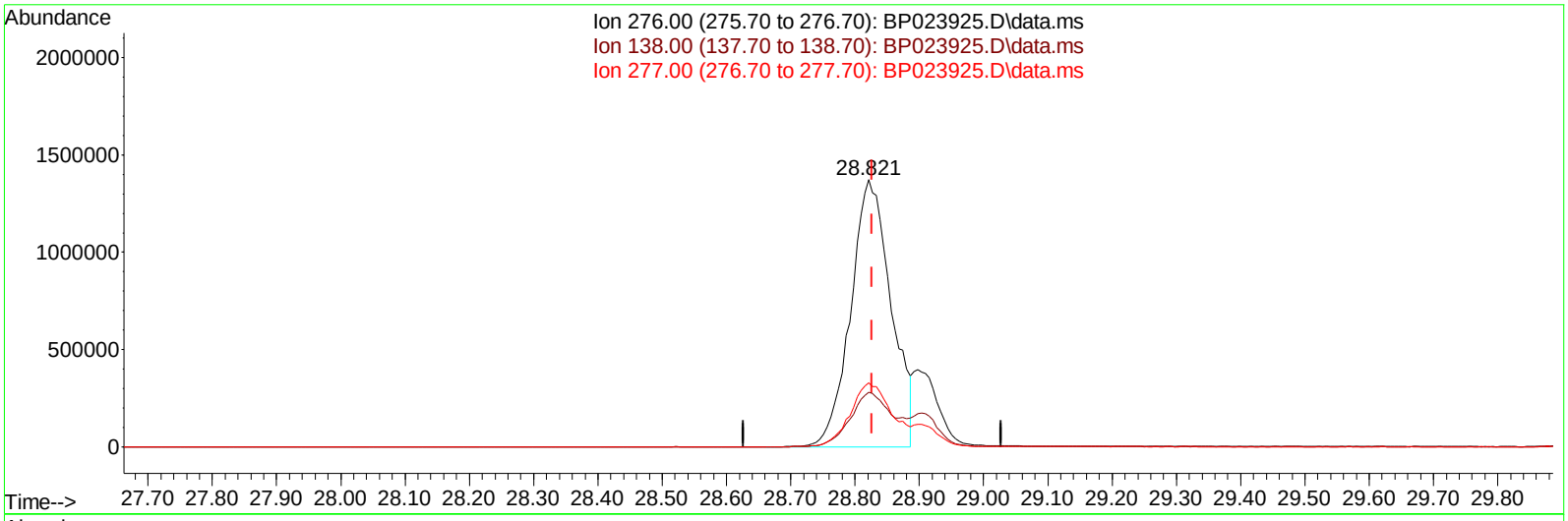

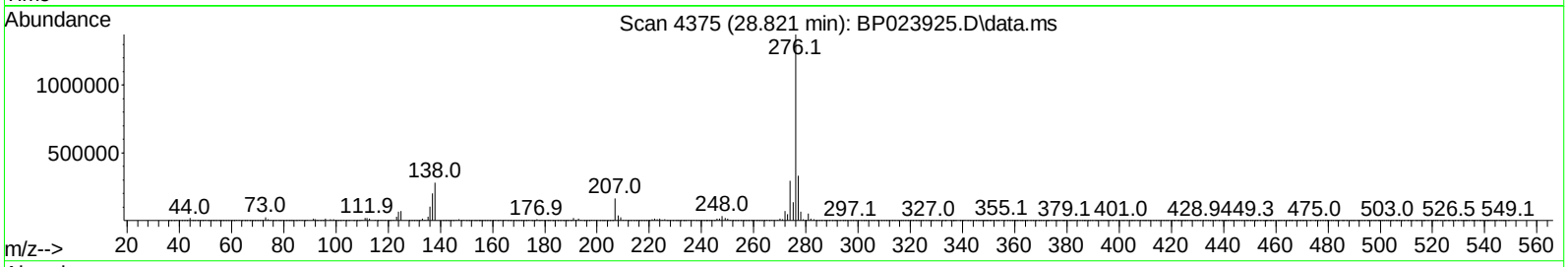

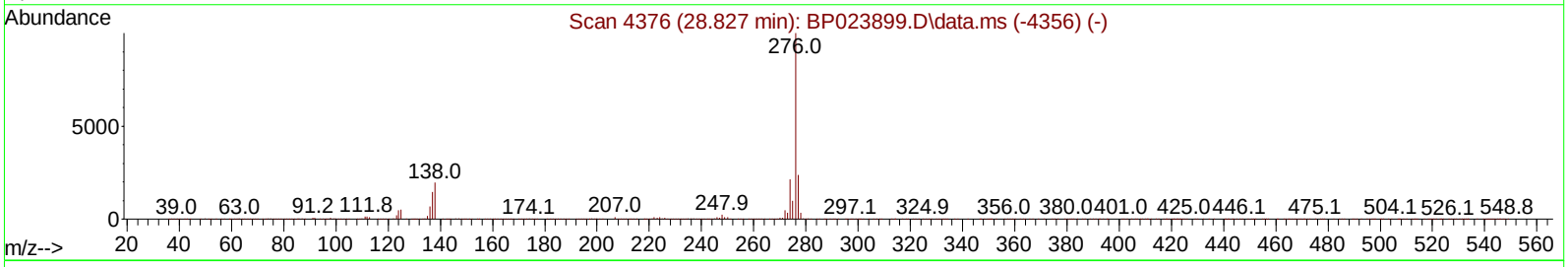

TIC: BP023925.D\data.ms

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

28.821min (-0.006) 28.04 ng/ul

response 5994183

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.47
277.00	23.70	24.03
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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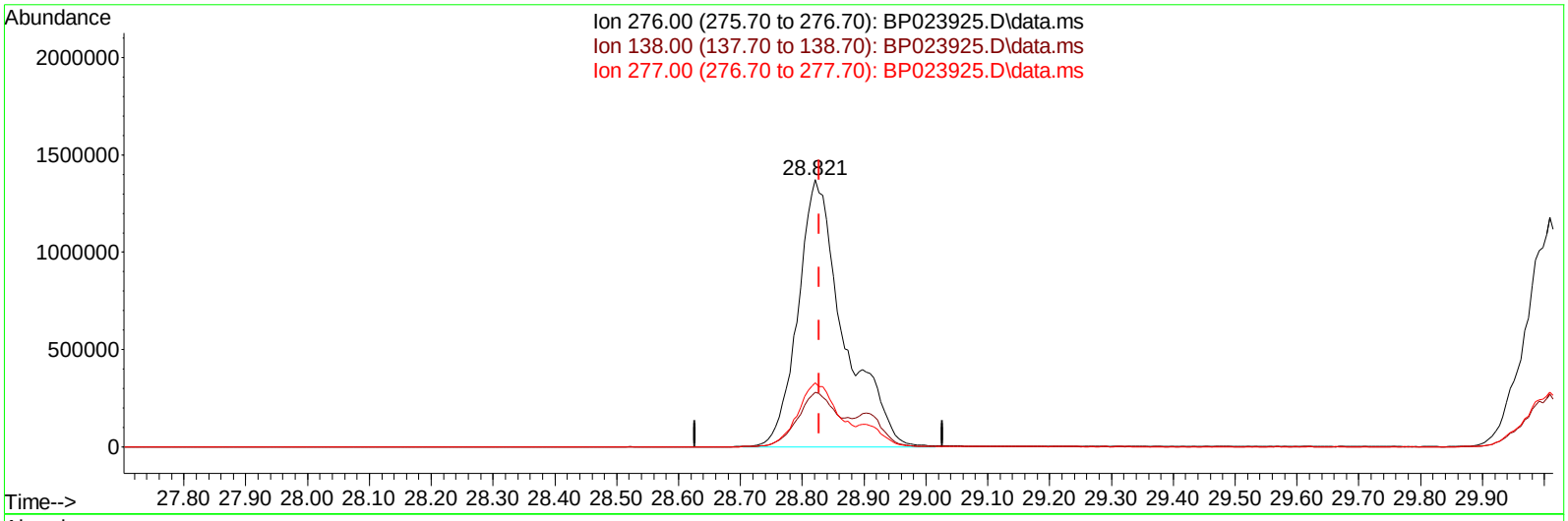

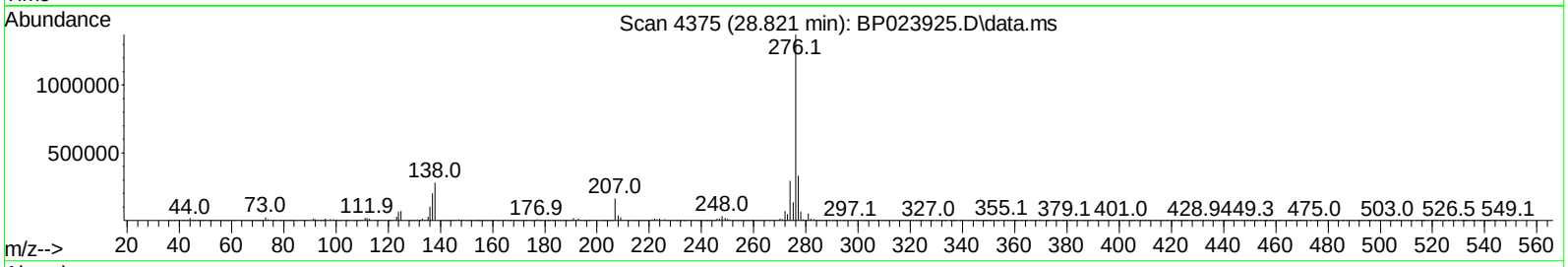

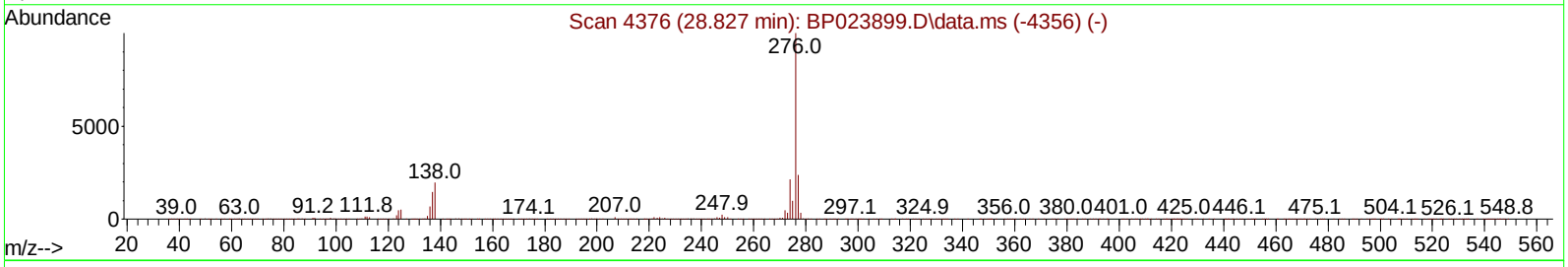

TIC: BP023925.D\data.ms

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

28.821min (-0.006) 33.10 ng/ul m

response 7075227

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.47
277.00	23.70	24.03
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	512243	20.000	ng/ul	0.00
20) Naphthalene-d8	10.546	136	2222783	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.387	164	1407215	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.175	188	2755065	20.000	ng/ul	-0.01
79) Chrysene-d12	21.622	240	2883786	20.000	ng/ul	-0.02
88) Perylene-d12	24.992	264	2910190	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	75048	6.087	ng/uL	0.00
4) Pyridine-d5	3.699	84	1165899	32.773	ng/ul	0.00
7) Phenol-d5	6.958	99	1576228	34.771	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.105	67	787697	32.828	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	1251510	35.157	ng/ul	0.00
15) 4-Methylphenol-d8	8.481	113	1226140	33.111	ng/ul	0.00
21) Nitrobenzene-d5	8.916	128	580815	32.660	ng/ul	0.00
24) 2-Nitrophenol-d4	9.634	143	629425	32.801	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	1183642	33.624	ng/ul	0.00
31) 4-Chloroaniline-d4	10.681	131	1353985	25.719	ng/ul	0.00
46) Dimethylphthalate-d6	13.799	166	3269656	31.150	ng/ul	0.00
49) Acenaphthylene-d8	14.081	160	3880261	32.777	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	676346	32.446	ng/ul	0.00
60) Fluorene-d10	15.393	176	2865618	32.419	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	521933	30.708	ng/ul	0.00
73) Anthracene-d10	17.275	188	4509553	33.337	ng/ul	-0.01
81) Pyrene-d10	19.651	212	5065380	32.782	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.763	264	5131501	33.795	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	153044	11.804	ng/uL	98
5) Pyridine	3.723	79	1158406	32.524	ng/ul	98
6) Benzaldehyde	6.922	77	205400	9.232	ng/ul	98
8) Phenol	6.981	94	1616726	34.733	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.199	93	1136318	32.069	ng/ul	99
12) 2-Chlorophenol	7.346	128	1276982	34.820	ng/ul	99
13) 2-Methylphenol	8.216	108	1167222	33.326	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.287	45	1189156	32.529	ng/ul	99
16) Acetophenone	8.587	105	1858799	32.835	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.575	70	869871	32.631	ng/ul	99
18) 4-Methylphenol	8.540	108	1309017	33.686	ng/ul	98
19) Hexachloroethane	8.846	117	464141	32.006	ng/ul	99
22) Nitrobenzene	8.958	77	1303836	33.784	ng/ul	98
23) Isophorone	9.487	82	2436851	31.272	ng/ul	99
25) 2-Nitrophenol	9.663	139	681098	32.541	ng/ul	99
26) 2,4-Dimethylphenol	9.728	107	1116831	28.830	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.958	93	1502766	30.960	ng/ul	99
29) 2,4-Dichlorophenol	10.199	162	1195102	33.478	ng/ul	97
30) Naphthalene	10.599	128	3857992	32.425	ng/ul	100
32) 4-Chloroaniline	10.699	127	919083	18.499	ng/ul	100
33) Hexachlorobutadiene	10.887	225	669042	30.958	ng/ul	99
34) Caprolactam	11.487	113	388284m	28.075	ng/ul	
35) 4-Chloro-3-methylphenol	11.834	107	1238173	32.266	ng/ul	97

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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	2642267	31.585	ng/ul	99
37) 1-Methylnaphthalene	12.422	142	2616568	31.528	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.569	216	1354299	32.554	ng/ul	99
40) Hexachlorocyclopentadiene	12.557	237	482727	20.592	ng/ul	99
41) 2,4,6-Trichlorophenol	12.816	196	865259	31.137	ng/ul	98
42) 2,4,5-Trichlorophenol	12.893	196	970797	32.412	ng/ul	99
43) 1,1'-Biphenyl	13.216	154	3356359	32.132	ng/ul	100
44) 2-Chloronaphthalene	13.257	162	2695038	33.112	ng/ul	99
45) 2-Nitroaniline	13.457	65	732216	34.566	ng/ul	92
47) Dimethylphthalate	13.846	163	3217744	30.810	ng/ul	100
48) 2,6-Dinitrotoluene	13.957	165	660236	32.349	ng/ul	97
50) Acenaphthylene	14.110	152	4194460	33.270	ng/ul	100
51) 3-Nitroaniline	14.293	138	714060	31.835	ng/ul	97
52) Acenaphthene	14.457	153	2919660	32.664	ng/ul	99
53) 2,4-Dinitrophenol	14.498	184	331309	27.228	ng/ul	98
55) 4-Nitrophenol	14.622	109	505903	34.304	ng/ul	96
56) Dibenzofuran	14.793	168	3964120	32.005	ng/ul	98
57) 2,4-Dinitrotoluene	14.757	165	994114	32.746	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.022	232	752198	29.512	ng/ul	90
59) Diethylphthalate	15.228	149	3250602	31.066	ng/ul	99
61) Fluorene	15.451	166	3439741	33.477	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.445	204	1653488	32.508	ng/ul	99
63) 4-Nitroaniline	15.475	138	848669	38.889	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.528	198	569732	30.489	ng/ul#	98
67) N-Nitrosodiphenylamine	15.657	169	2803411	33.341	ng/ul	99
68) 4-Bromophenyl-phenylether	16.351	248	992382	31.927	ng/ul	98
69) Hexachlorobenzene	16.475	284	1180692	31.350	ng/ul	99
70) Atrazine	16.628	200	371995	11.425	ng/ul	99
71) Pentachlorophenol	16.822	266	664858	28.700	ng/ul	99
72) Phenanthrene	17.222	178	5151372	33.109	ng/ul	99
74) Anthracene	17.316	178	5187183	33.060	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.181	216	1301410	32.258	ng/uL	99
76) Pentachlorobenzene	14.710	250	1331248	30.620	ng/uL	99
77) Carbazole	17.587	167	4801530	34.931	ng/ul	99
78) Di-n-butylphthalate	18.181	149	5520590	32.449	ng/ul	100
80) Fluoranthene	19.298	202	5901703	33.159	ng/ul	99
82) Pyrene	19.675	202	6471150	34.768	ng/ul	98
83) Butylbenzylphthalate	20.628	149	2484864	31.002	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.516	252	1702138	27.281	ng/ul	99
85) Benzo(a)anthracene	21.604	228	6165847	32.515	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.539	149	3592048	30.715	ng/ul	100
87) Chrysene	21.663	228	5782203	33.092	ng/ul	98
89) Di-n-octyl phthalate	22.827	149	5748620	32.952	ng/ul	100
90) Benzo(b)fluoranthene	23.927	252	5943822	33.660	ng/ul	99
91) Benzo(k)fluoranthene	23.998	252	6206640	35.061	ng/ul	99
93) Benzo(a)pyrene	24.833	252	5536690	33.575	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.821	276	7075227m	33.100	ng/ul	
95) Dibenzo(a,h)anthracene	28.909	278	5840405	33.683	ng/ul	100
96) Benzo(g,h,i)perylene	30.009	276	5387433	32.905	ng/ul	99

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

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