Quantitation Report (Qedit)

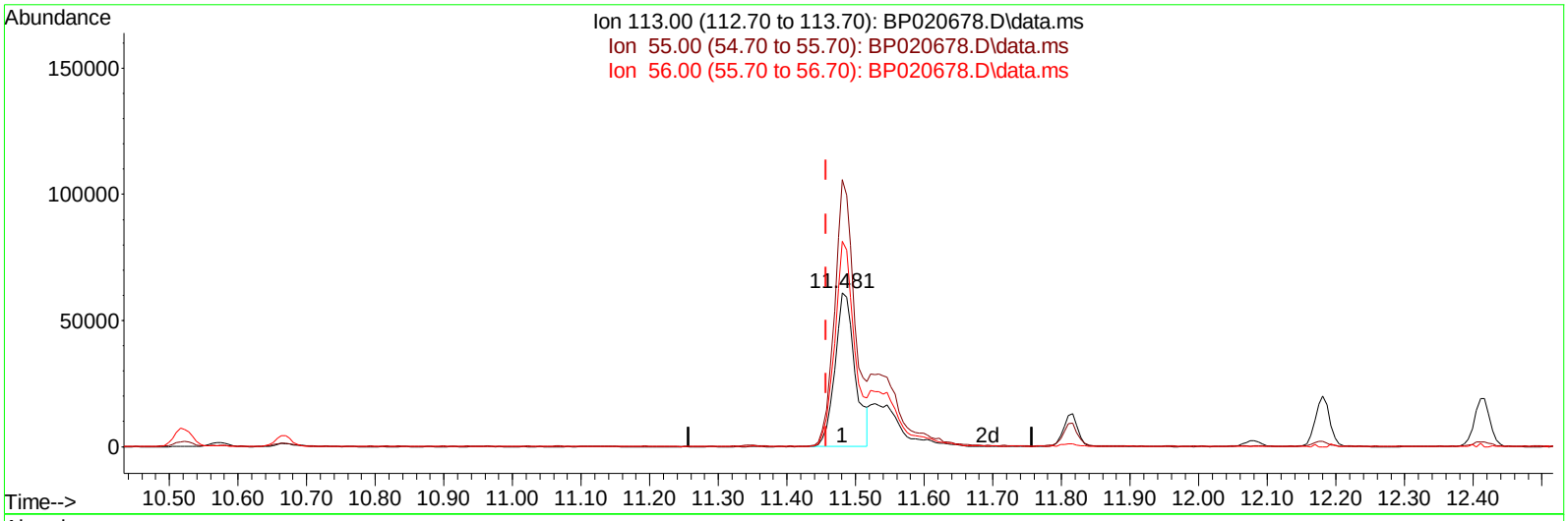
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
Data File : BP020678.D
Acq On : 28 Jun 2024 03:24
Operator : MA/JU
Sample : PB161557BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

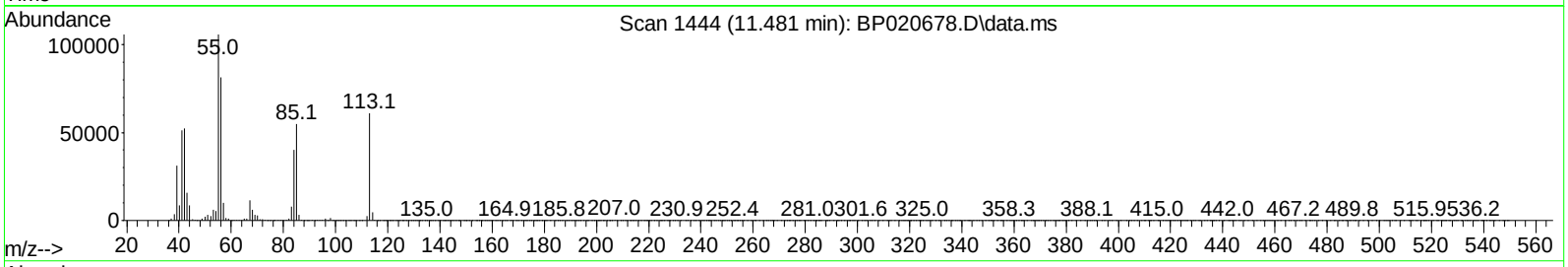
Quant Time: Jun 28 03:56:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration

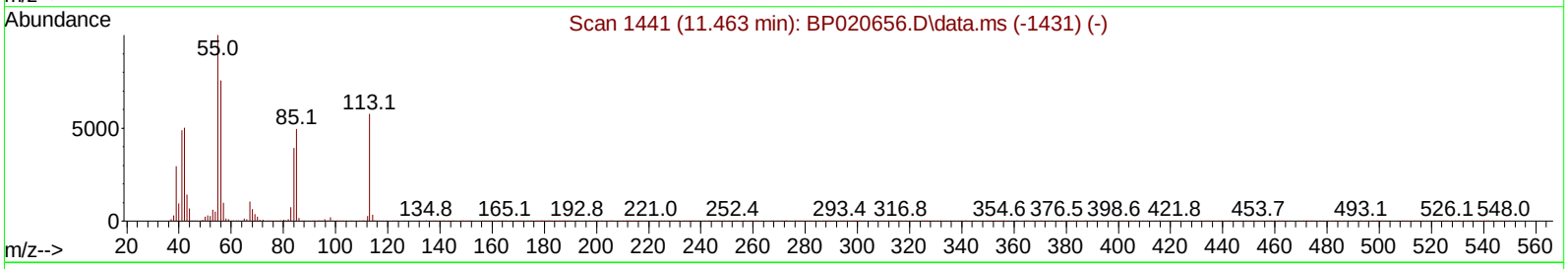
Instrument :
BNA_P
ClientSampleId :
SLCS557

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024







TIC: BP020678.D\data.ms

(34) Caprolactam

11.481min (+ 0.024) 24.42 ng/ul

response 124126

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.50	173.44
56.00	140.50	133.43
0.00	0.00	0.00

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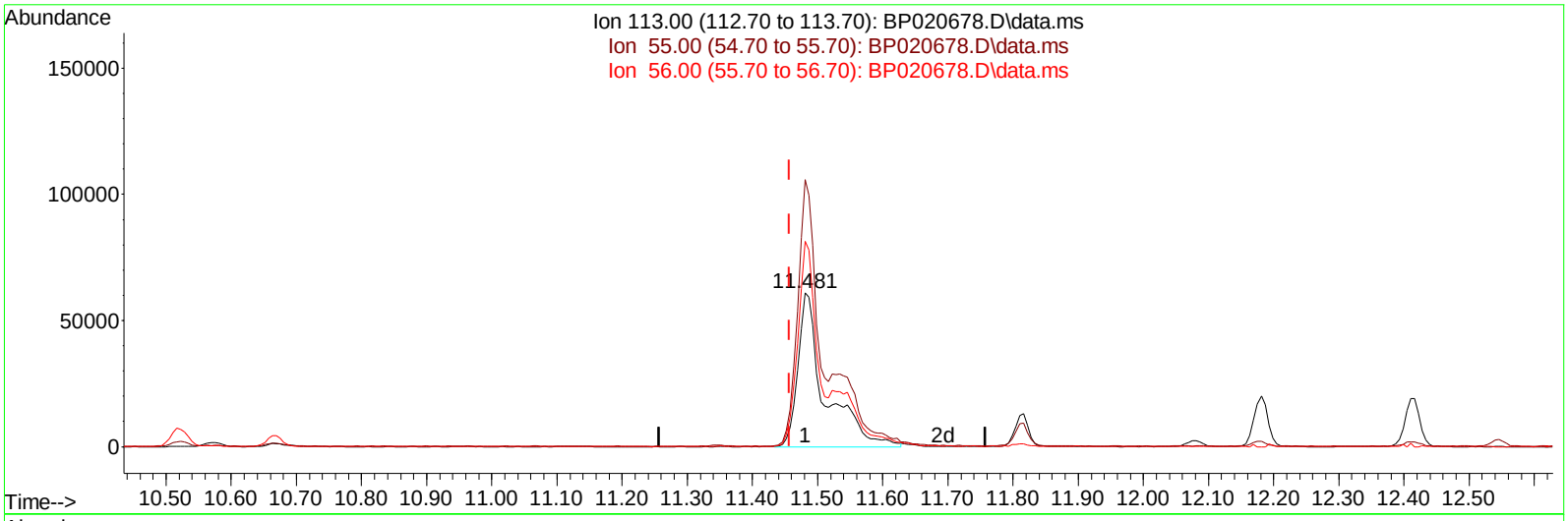

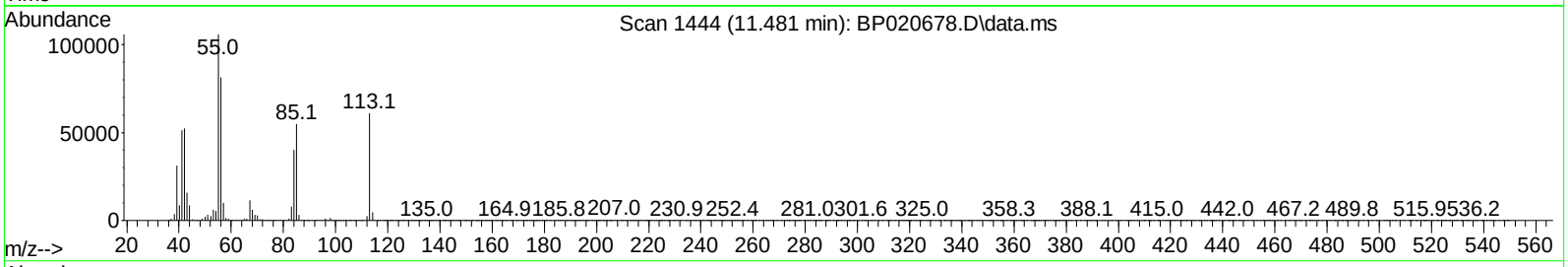

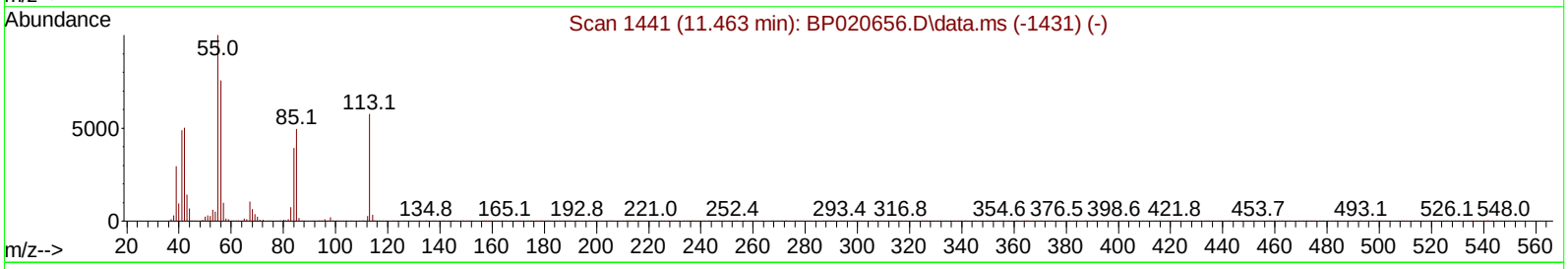

TIC: BP020678.D\data.ms

(34) Caprolactam

11.481min (+ 0.024) 34.81 ng/ul m

response 176942

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.50	173.44
56.00	140.50	133.43
0.00	0.00	0.00

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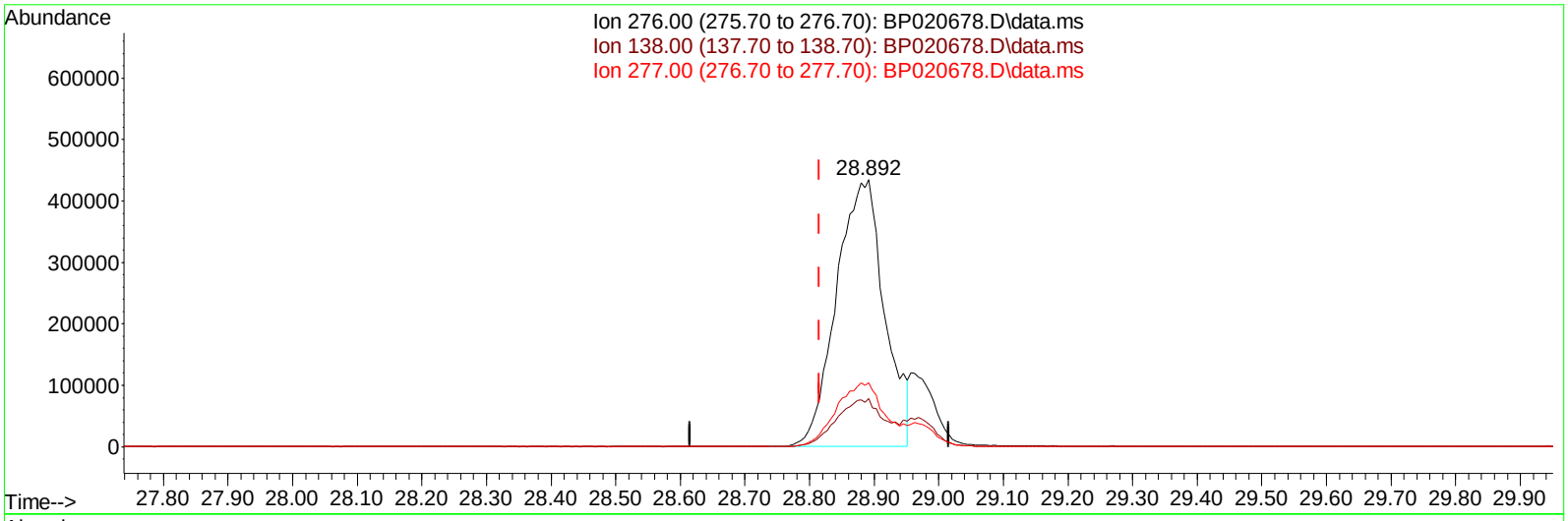

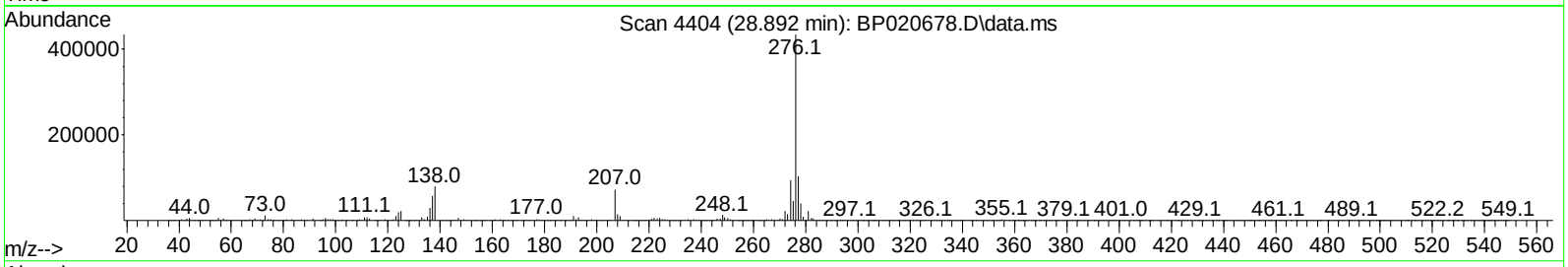

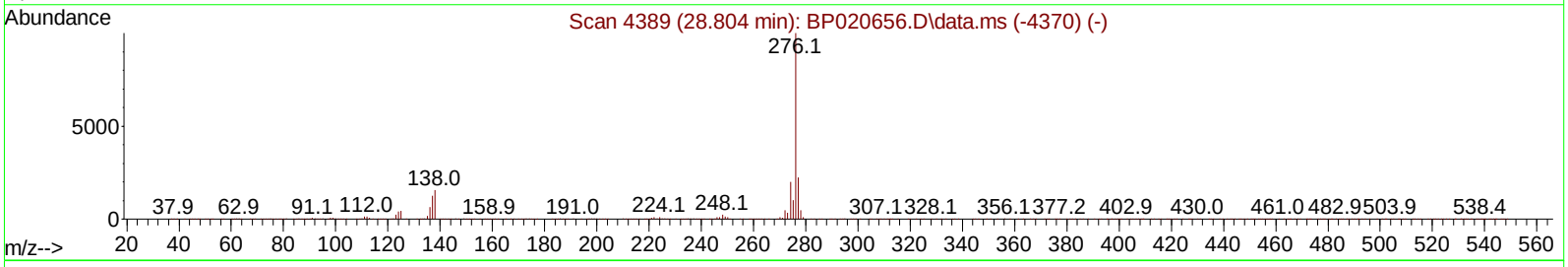

TIC: BP020678.D\data.ms

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

28.892min (+ 0.077) 27.23 ng/ul

response 2249130

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.00	18.18
277.00	23.70	23.89
0.00	0.00	0.00

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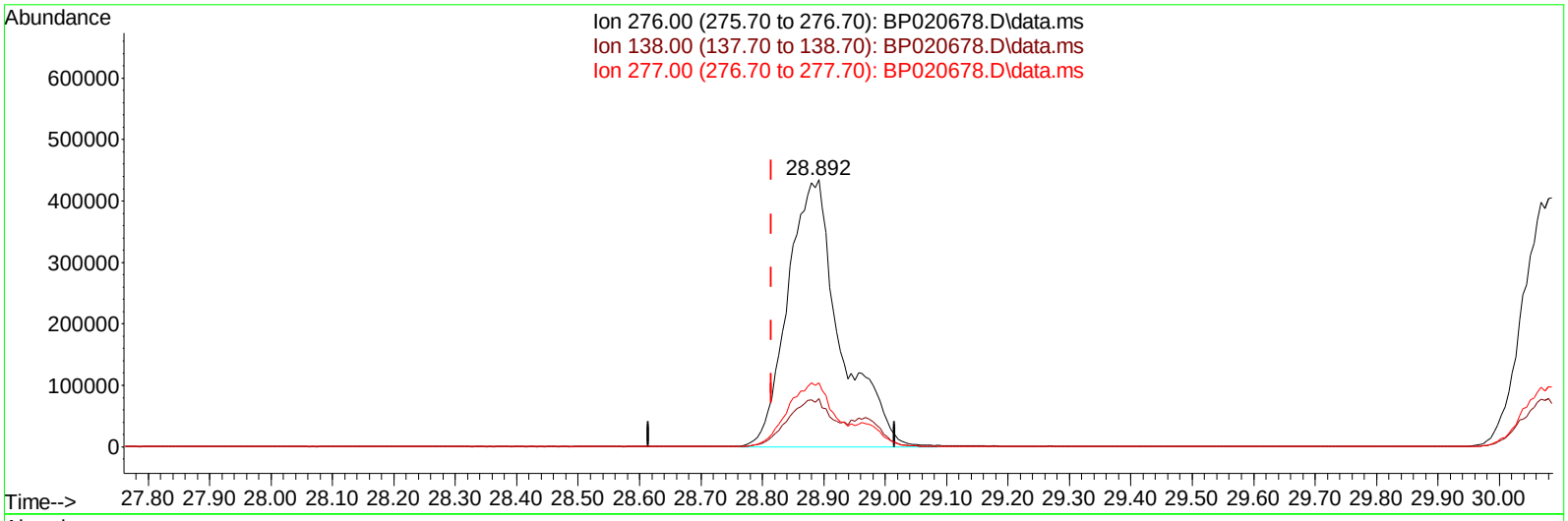

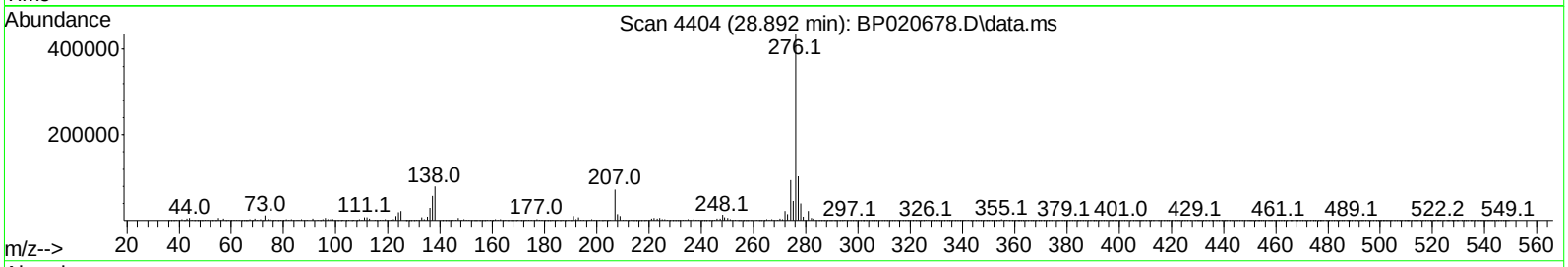

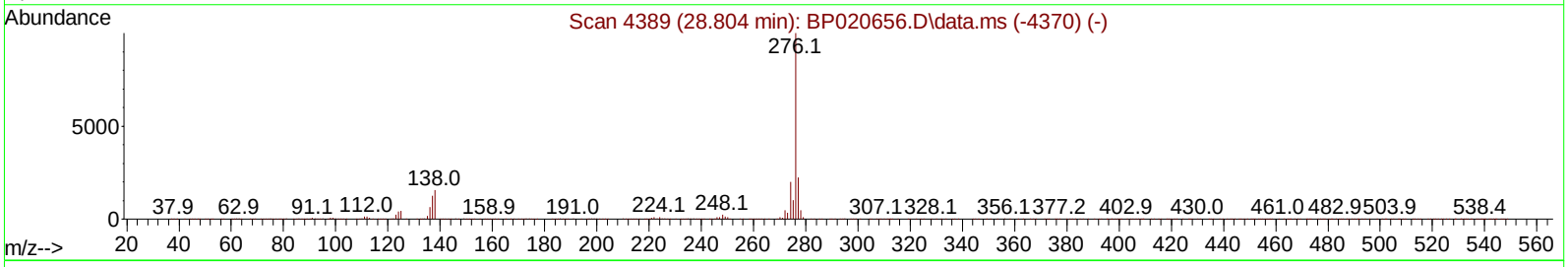

TIC: BP020678.D\data.ms

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

28.892min (+ 0.077) 31.19 ng/ul m

response 2575725

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.00	18.18
277.00	23.70	23.89
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	7.752	152	265732	20.000	ng/ul	0.00
20) Naphthalene-d8	10.522	136	1108762	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.387	164	732847	20.000	ng/ul	0.02
64) Phenanthrene-d10	17.204	188	1523595	20.000	ng/ul	0.02
79) Chrysene-d12	21.657	240	1024676	20.000	ng/ul	0.02
88) Perylene-d12	25.039	264	1125966	20.000	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	36133	5.839	ng/uL	0.00
4) Pyridine-d5	3.687	84	433091	24.014	ng/ul	0.00
7) Phenol-d5	6.928	99	640257	29.376	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.093	67	374303	27.090	ng/ul	0.00
11) 2-Chlorophenol-d4	7.287	132	513408	28.823	ng/ul	0.00
15) 4-Methylphenol-d8	8.458	113	517790	29.251	ng/ul	0.01
21) Nitrobenzene-d5	8.899	128	258410	31.567	ng/ul	0.00
24) 2-Nitrophenol-d4	9.616	143	295284	36.046	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.146	165	543656	32.218	ng/ul	0.00
31) 4-Chloroaniline-d4	10.669	131	617271	26.103	ng/ul	0.02
46) Dimethylphthalate-d6	13.798	166	1623157	31.855	ng/ul	0.02
49) Acenaphthylene-d8	14.075	160	1811676	29.797	ng/ul	0.01
54) 4-Nitrophenol-d4	14.616	143	283405	36.403	ng/ul	0.02
60) Fluorene-d10	15.398	176	1370212	31.956	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.534	200	250673	32.648	ng/ul	0.03
73) Anthracene-d10	17.304	188	1978816	28.939	ng/ul	0.02
81) Pyrene-d10	19.686	212	2108196	34.247	ng/ul	0.02
92) Benzo(a)pyrene-d12	24.821	264	1721540	31.431	ng/ul	0.06
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	59253	8.556	ng/uL	97
5) Pyridine	3.705	79	448375	24.001	ng/ul	97
6) Benzaldehyde	6.905	77	338182	30.683	ng/ul	99
8) Phenol	6.958	94	656587	29.542	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.181	93	507735	27.593	ng/ul	97
12) 2-Chlorophenol	7.316	128	531691	29.693	ng/ul	98
13) 2-Methylphenol	8.193	108	495622	29.064	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.263	45	728620	26.056	ng/ul	99
16) Acetophenone	8.569	105	809877	28.649	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.558	70	412427	27.448	ng/ul	99
18) 4-Methylphenol	8.522	108	531281	29.433	ng/ul	98
19) Hexachloroethane	8.816	117	223094	28.700	ng/ul	98
22) Nitrobenzene	8.940	77	601298	28.335	ng/ul	100
23) Isophorone	9.469	82	1190058	28.303	ng/ul	98
25) 2-Nitrophenol	9.646	139	312458	35.319	ng/ul	94
26) 2,4-Dimethylphenol	9.705	107	436600	21.190	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.940	93	696992	27.865	ng/ul	99
29) 2,4-Dichlorophenol	10.175	162	538084	32.217	ng/ul	98
30) Naphthalene	10.575	128	1692485	28.519	ng/ul	100
32) 4-Chloroaniline	10.693	127	600084	26.357	ng/ul	100
33) Hexachlorobutadiene	10.840	225	375742	30.092	ng/ul	99
34) Caprolactam	11.481	113	176942m	34.813	ng/ul	
35) 4-Chloro-3-methylphenol	11.816	107	588042	31.888	ng/ul	95

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.181	142	1182478	29.745	ng/ul	100
37) 1-Methylnaphthalene	12.416	142	1188565	29.247	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.546	216	699383	29.849	ng/ul	99
40) Hexachlorocyclopentadiene	12.522	237	241105	16.533	ng/ul	99
41) 2,4,6-Trichlorophenol	12.798	196	423549	30.302	ng/ul	98
42) 2,4,5-Trichlorophenol	12.875	196	476011	32.836	ng/ul	96
43) 1,1'-Biphenyl	13.204	154	1556782	28.405	ng/ul	99
44) 2-Chloronaphthalene	13.246	162	1243947	28.817	ng/ul	99
45) 2-Nitroaniline	13.463	65	385564	35.461	ng/ul	91
47) Dimethylphthalate	13.845	163	1617555	31.164	ng/ul	99
48) 2,6-Dinitrotoluene	13.969	165	335900	36.293	ng/ul	97
50) Acenaphthylene	14.104	152	1991053	28.991	ng/ul	99
51) 3-Nitroaniline	14.304	138	334041	38.833	ng/ul	94
52) Acenaphthene	14.451	153	1307397	28.697	ng/ul	99
53) 2,4-Dinitrophenol	14.516	184	161021	33.540	ng/ul	98
55) 4-Nitrophenol	14.634	109	241368	34.645	ng/ul	98
56) Dibenzofuran	14.792	168	1844814	30.050	ng/ul	99
57) 2,4-Dinitrotoluene	14.763	165	490381	38.384	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.028	232	378019	31.572	ng/ul	98
59) Diethylphthalate	15.228	149	1655896	32.343	ng/ul	99
61) Fluorene	15.457	166	1501582	30.442	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.451	204	793976	30.846	ng/ul	97
63) 4-Nitroaniline	15.492	138	346569	42.452	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.545	198	265076	32.229	ng/ul#	92
67) N-Nitrosodiphenylamine	15.669	169	1308503	29.122	ng/ul	98
68) 4-Bromophenyl-phenylether	16.369	248	517231	30.435	ng/ul	95
69) Hexachlorobenzene	16.481	284	582011	30.593	ng/ul	97
70) Atrazine	16.645	200	136867	8.640	ng/ul	100
71) Pentachlorophenol	16.845	266	306917	28.022	ng/ul	95
72) Phenanthrene	17.251	178	2351745	29.477	ng/ul	99
74) Anthracene	17.339	178	2297410	27.994	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.175	216	696849	28.176	ng/uL	98
76) Pentachlorobenzene	14.704	250	681178	28.898	ng/uL	98
77) Carbazole	17.622	167	2092371	30.893	ng/ul	99
78) Di-n-butylphthalate	18.216	149	2888503	32.835	ng/ul	99
80) Fluoranthene	19.339	202	2550757	33.922	ng/ul	98
82) Pyrene	19.716	202	2542299	32.967	ng/ul	99
83) Butylbenzylphthalate	20.669	149	1149842	40.155	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.569	252	641346	28.309	ng/ul	98
85) Benzo(a)anthracene	21.639	228	2151899	29.962	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.586	149	1608348	36.175	ng/ul	100
87) Chrysene	21.710	228	2037883	30.019	ng/ul	99
89) Di-n-octyl phthalate	22.874	149	2495090	34.518	ng/ul	100
90) Benzo(b)fluoranthene	23.974	252	2042669	29.946	ng/ul	98
91) Benzo(k)fluoranthene	24.045	252	2099675	30.430	ng/ul	98
93) Benzo(a)pyrene	24.886	252	1823827	28.324	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.892	276	2575725m	31.186	ng/ul	
95) Dibenzo(a,h)anthracene	28.962	278	2082959	30.685	ng/ul	98
96) Benzo(g,h,i)perylene	30.086	276	1994602	29.579	ng/ul	96

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

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