Quantitation Report (Qedit)

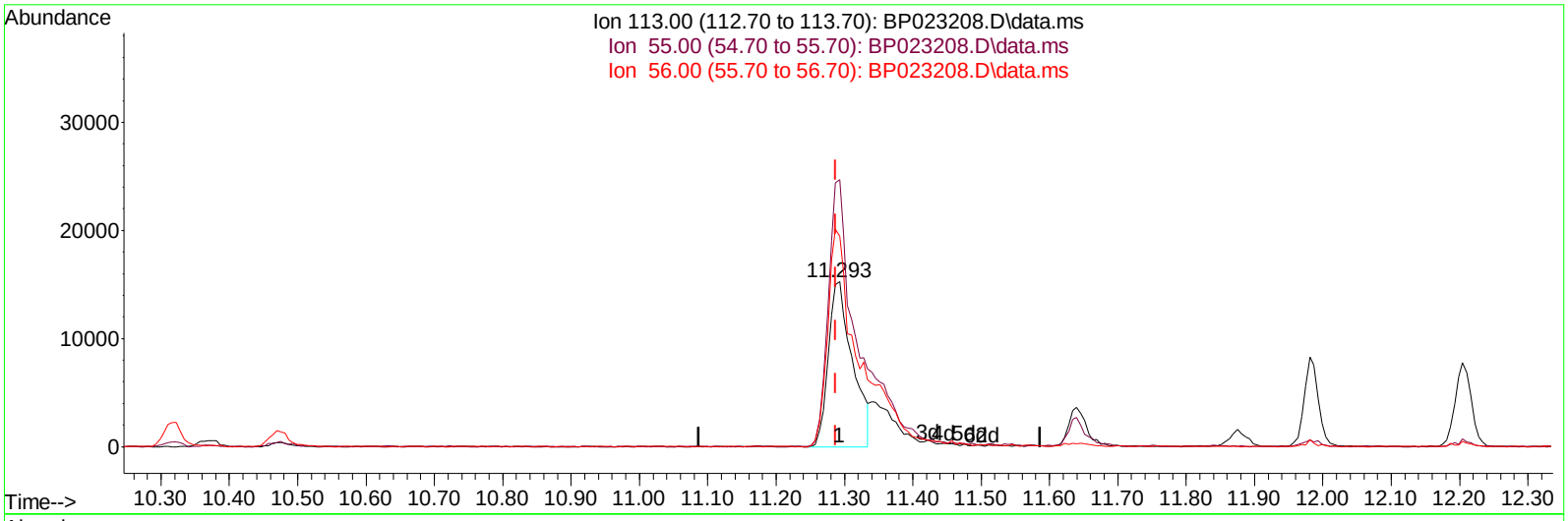
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111824\
Data File : BP023208.D
Acq On : 18 Nov 2024 22:06
Operator : RC/JU
Sample : PB165051BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

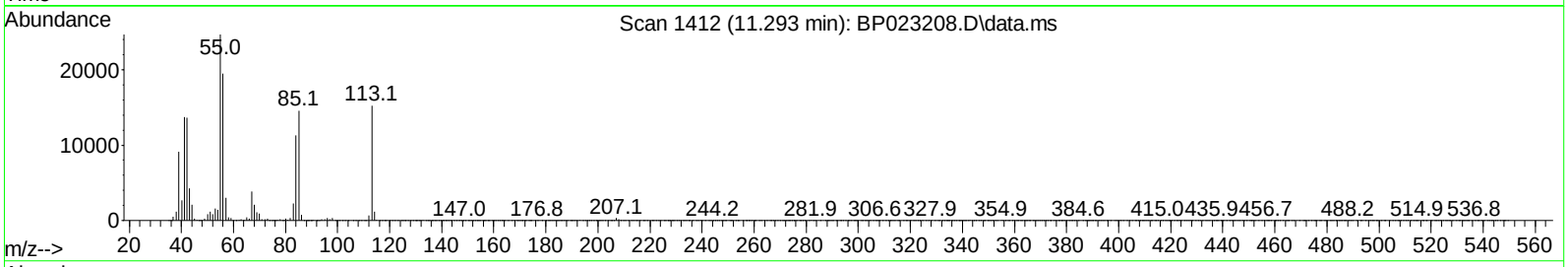
Quant Time: Nov 19 00:21:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 13 04:49:01 2024
Response via : Initial Calibration

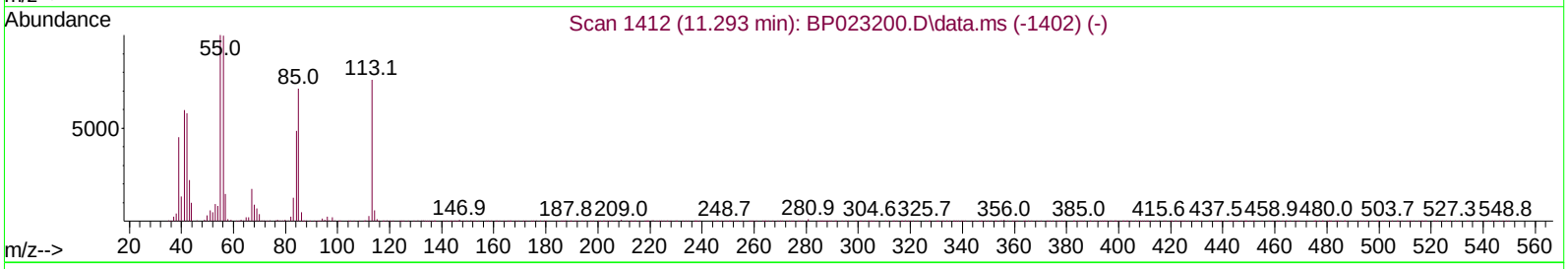
Instrument :
BNA_P
ClientSampleId :
SLCS051

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024







TIC: BP023208.D\data.ms

(34) Caprolactam

11.293min (+ 0.006) 25.62 ng/ul

response 37538

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.80	161.78
56.00	124.80	127.75
0.00	0.00	0.00

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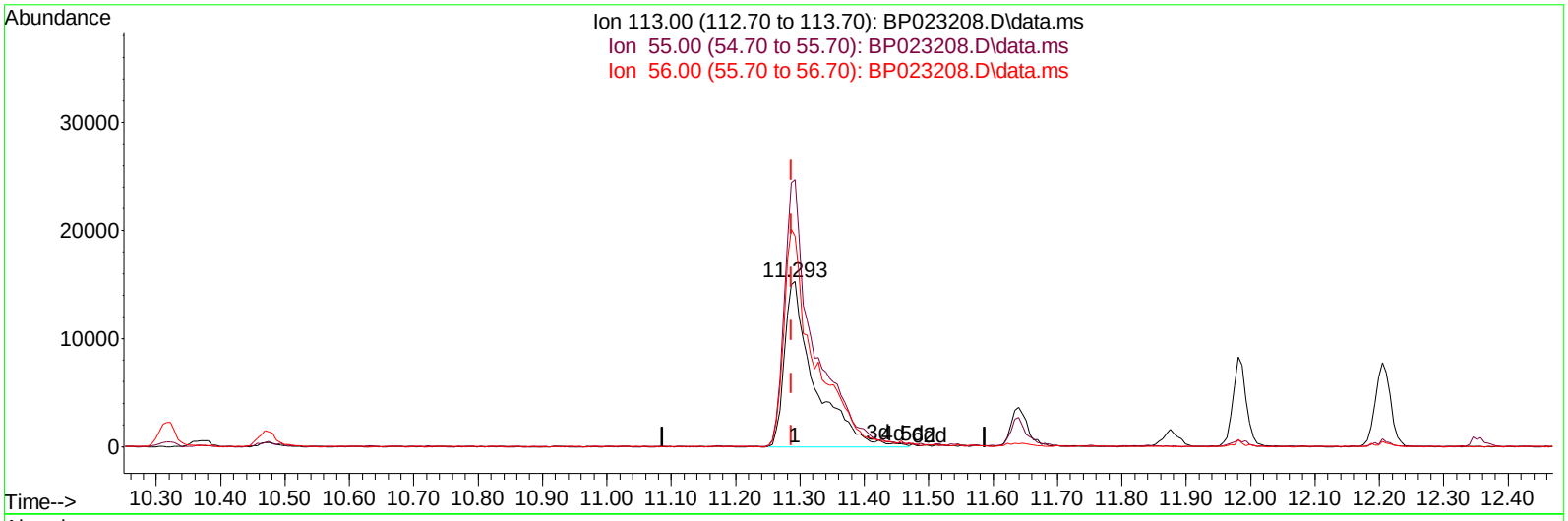

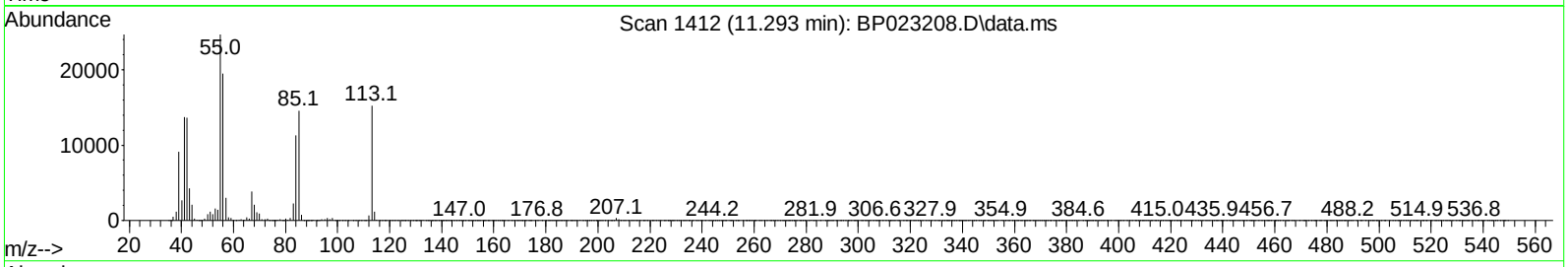

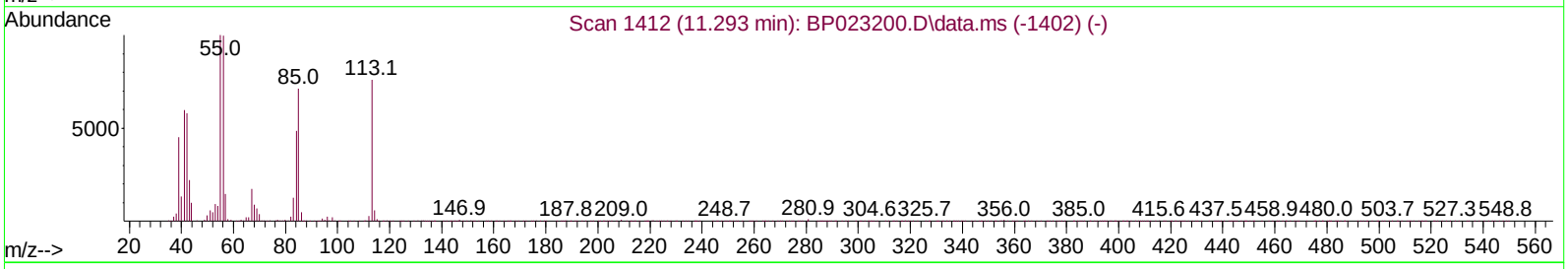

TIC: BP023208.D\data.ms

(34) Caprolactam

11.293min (+ 0.006) 33.57 ng/ul m

response 49190

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.80	161.78
56.00	124.80	127.75
0.00	0.00	0.00

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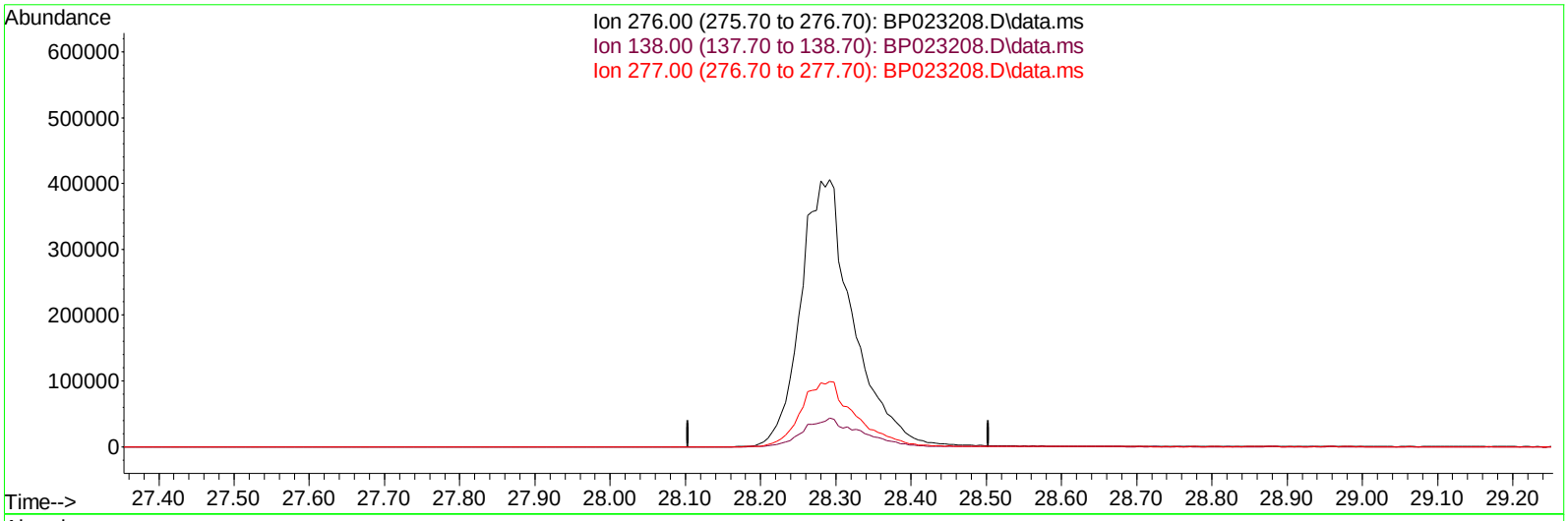

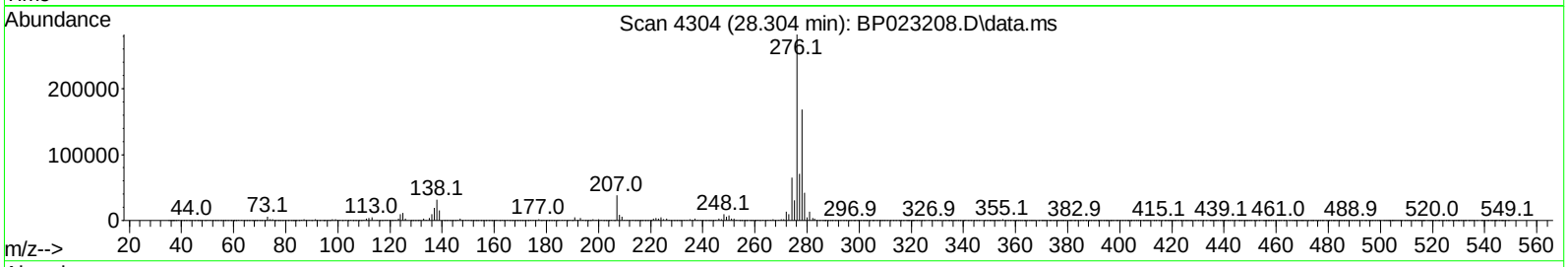

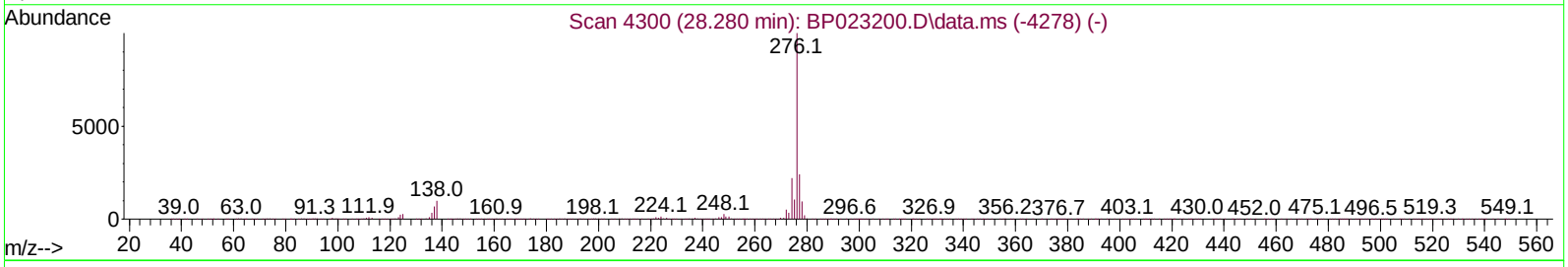

TIC: BP023208.D\data.ms

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

28.304min (-28.304) 0.00 ng/ul

response 0

Ion	Exp%	Act%
276.00	100.00	0.00
138.00	8.70	0.00#
277.00	24.80	0.00#
0.00	0.00	0.00

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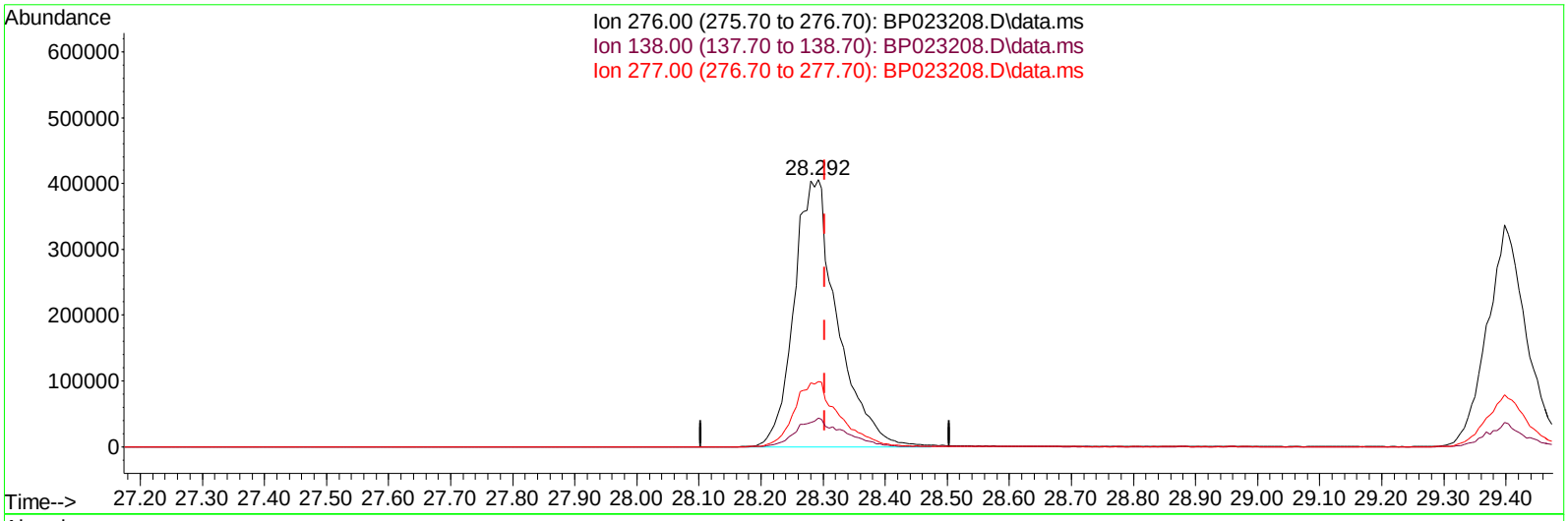

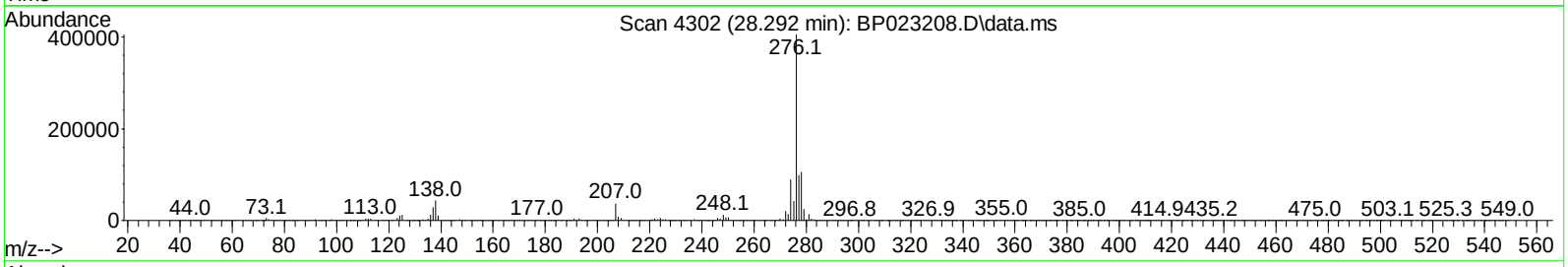

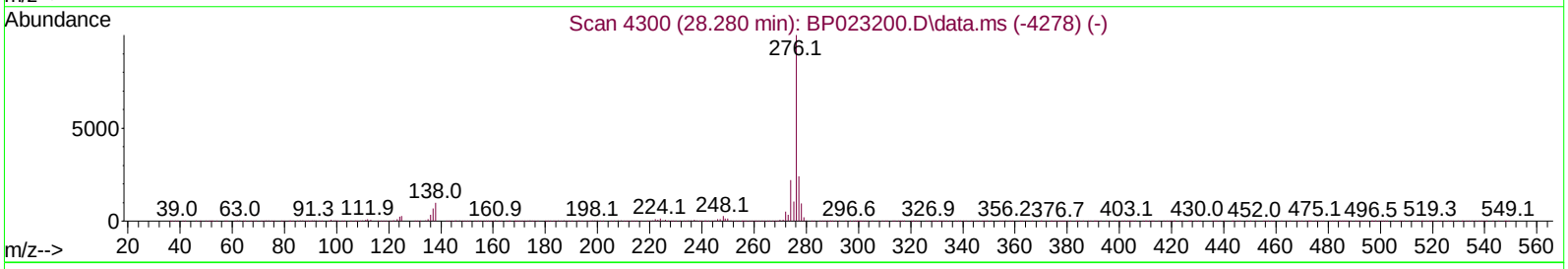

TIC: BP023208.D\data.ms

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

28.292min (-0.012) 33.65 ng/ul m

response 1963438

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.70	10.82#
277.00	24.80	24.54
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	7.569	152	70115	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.316	136	286160	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.187	164	250081	20.000	ng/ul	-0.02
64) Phenanthrene-d10	16.992	188	652248	20.000	ng/ul	#-0.02
79) Chrysene-d12	21.427	240	718741	20.000	ng/ul	-0.02
88) Perylene-d12	24.639	264	832246	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	9878	6.772	ng/uL	0.00
4) Pyridine-d5	3.540	84	137179	31.653	ng/ul	0.00
7) Phenol-d5	6.775	99	180201	34.762	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.922	67	106025	34.813	ng/ul	0.00
11) 2-Chlorophenol-d4	7.117	132	132513	34.904	ng/ul	-0.01
15) 4-Methylphenol-d8	8.281	113	143782	33.706	ng/ul	-0.01
21) Nitrobenzene-d5	8.716	128	68525	34.397	ng/ul	0.00
24) 2-Nitrophenol-d4	9.428	143	84084	35.403	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.963	165	175895	35.365	ng/ul	0.00
31) 4-Chloroaniline-d4	10.469	131	175090	29.508	ng/ul	-0.01
46) Dimethylphthalate-d6	13.604	166	625713	34.715	ng/ul	0.00
49) Acenaphthylene-d8	13.869	160	647024	34.404	ng/ul	-0.03
54) 4-Nitrophenol-d4	14.446	143	84283	31.116	ng/ul	0.00
60) Fluorene-d10	15.198	176	583539	36.927	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.357	200	129512	33.146	ng/ul	0.00
73) Anthracene-d10	17.098	188	986430	35.718	ng/ul	-0.02
81) Pyrene-d10	19.486	212	1272817	38.447	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.416	264	1481004	37.358	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.164	88	19222	11.405	ng/uL	96
5) Pyridine	3.564	79	132341	30.407	ng/ul	99
6) Benzaldehyde	6.746	77	70536	23.645	ng/ul	97
8) Phenol	6.799	94	177543	32.798	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.011	93	132092	32.473	ng/ul	98
12) 2-Chlorophenol	7.152	128	131896	33.463	ng/ul	97
13) 2-Methylphenol	8.022	108	133549	33.051	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.081	45	159308	34.596	ng/ul	94
16) Acetophenone	8.387	105	235977	32.920	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.369	70	127489	35.619	ng/ul	99
18) 4-Methylphenol	8.346	108	149249	33.441	ng/ul	97
19) Hexachloroethane	8.616	117	61685	32.359	ng/ul	98
22) Nitrobenzene	8.758	77	196202	34.323	ng/ul	96
23) Isophorone	9.269	82	348791	34.124	ng/ul	98
25) 2-Nitrophenol	9.458	139	84132	33.561	ng/ul	95
26) 2,4-Dimethylphenol	9.522	107	152512	28.174	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.746	93	192382	34.208	ng/ul	98
29) 2,4-Dichlorophenol	9.993	162	168749	34.253	ng/ul	97
30) Naphthalene	10.369	128	451877	32.504	ng/ul	99
32) 4-Chloroaniline	10.493	127	136192	23.691	ng/ul	97
33) Hexachlorobutadiene	10.640	225	141494	31.741	ng/ul	99
34) Caprolactam	11.293	113	49190m	33.569	ng/ul	
35) 4-Chloro-3-methylphenol	11.640	107	194047	36.613	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	11.981	142	349167	33.268	ng/ul	99
37) 1-Methylnaphthalene	12.204	142	353384	32.936	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.357	216	271853	32.199	ng/ul	95
40) Hexachlorocyclopentadiene	12.322	237	105429	23.775	ng/ul	95
41) 2,4,6-Trichlorophenol	12.616	196	161819	31.476	ng/ul	96
42) 2,4,5-Trichlorophenol	12.699	196	185886	33.539	ng/ul	98
43) 1,1'-Biphenyl	13.004	154	536076	33.453	ng/ul	100
44) 2-Chloronaphthalene	13.051	162	437596	33.406	ng/ul	99
45) 2-Nitroaniline	13.275	65	138364	37.618	ng/ul	97
47) Dimethylphthalate	13.657	163	603340	33.942	ng/ul	99
48) 2,6-Dinitrotoluene	13.775	165	121402	35.111	ng/ul	100
50) Acenaphthylene	13.898	152	659058	34.668	ng/ul	99
51) 3-Nitroaniline	14.116	138	105193	35.322	ng/ul	96
52) Acenaphthene	14.251	153	463948	33.615	ng/ul	98
53) 2,4-Dinitrophenol	14.357	184	66404	27.066	ng/ul	97
55) 4-Nitrophenol	14.463	109	99345	31.348	ng/ul	98
56) Dibenzofuran	14.593	168	725268	34.012	ng/ul	99
57) 2,4-Dinitrotoluene	14.593	165	196898	35.730	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	14.840	232	167967	31.004	ng/ul	97
59) Diethylphthalate	15.040	149	606263	34.486	ng/ul	98
61) Fluorene	15.251	166	624981	35.809	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.251	204	355778	34.620	ng/ul	98
63) 4-Nitroaniline	15.304	138	105101	37.927	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.375	198	132336	31.706	ng/ul	98
67) N-Nitrosodiphenylamine	15.481	169	519675	34.480	ng/ul	99
68) 4-Bromophenyl-phenylether	16.175	248	261161	35.359	ng/ul	99
69) Hexachlorobenzene	16.287	284	316545	34.044	ng/ul	96
70) Atrazine	16.469	200	97687	13.409	ng/ul	99
71) Pentachlorophenol	16.651	266	153465	26.584	ng/ul	99
72) Phenanthrene	17.034	178	1083163	35.172	ng/ul	99
74) Anthracene	17.134	178	1062317	34.310	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.975	216	278799	32.375	ng/uL	97
76) Pentachlorobenzene	14.516	250	317375	32.276	ng/uL	98
77) Carbazole	17.422	167	931626	34.488	ng/ul	99
78) Di-n-butylphthalate	18.004	149	1104130	36.833	ng/ul	100
80) Fluoranthene	19.139	202	1423613	37.326	ng/ul	99
82) Pyrene	19.516	202	1523496	37.183	ng/ul	100
83) Butylbenzylphthalate	20.463	149	509710	37.785	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.333	252	500593	31.028	ng/ul	99
85) Benzo(a)anthracene	21.410	228	1534138	34.956	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	754543	39.361	ng/ul	97
87) Chrysene	21.475	228	1460559	35.369	ng/ul	100
89) Di-n-octyl phthalate	22.557	149	1228319	36.379	ng/ul	100
90) Benzo(b)fluoranthene	23.627	252	1680626	36.281	ng/ul	100
91) Benzo(k)fluoranthene	23.692	252	1649840	36.180	ng/ul#	99
93) Benzo(a)pyrene	24.492	252	1463902	34.959	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.292	276	1963438m	33.654	ng/ul	
95) Dibenzo(a,h)anthracene	28.333	278	1574677	33.242	ng/ul	100
96) Benzo(g,h,i)perylene	29.398	276	1508936	34.052	ng/ul#	97

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

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