Quantitation Report (Qedit)

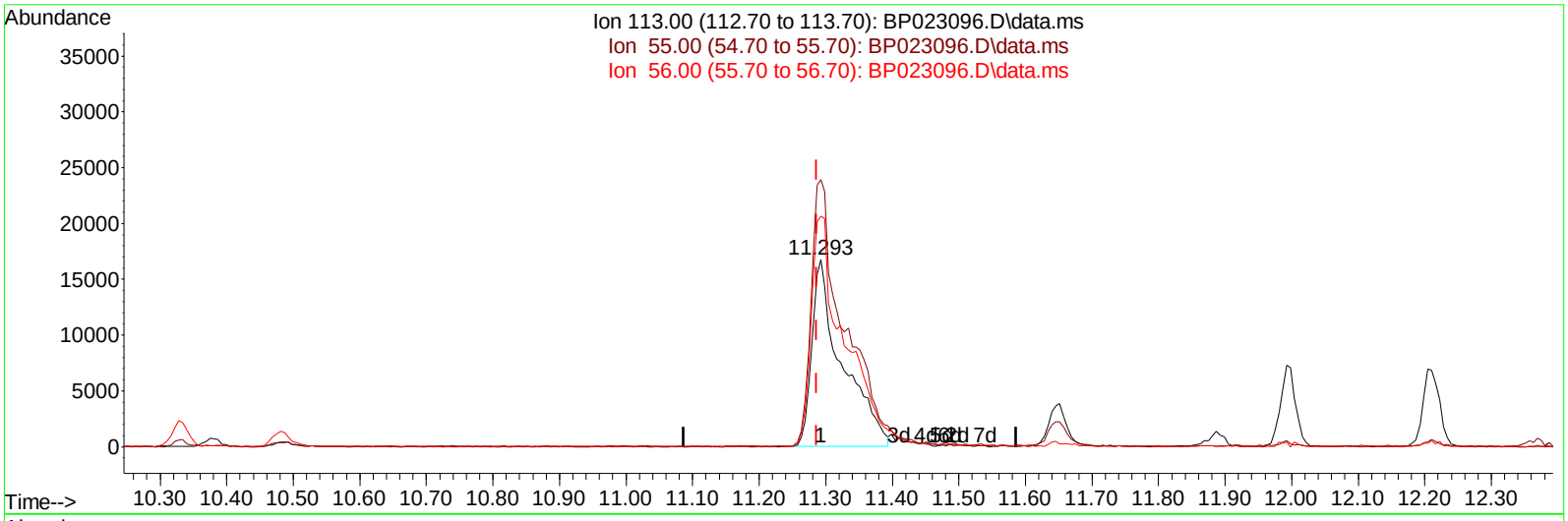
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111324\
Data File : BP023096.D
Acq On : 14 Nov 2024 00:57
Operator : RC/JU
Sample : PB164783BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

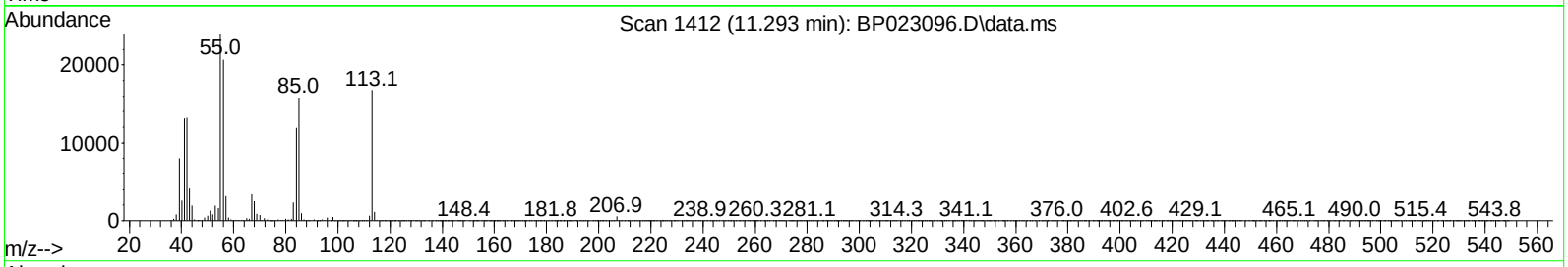
Quant Time: Nov 14 01:38:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 13 04:49:01 2024
Response via : Initial Calibration

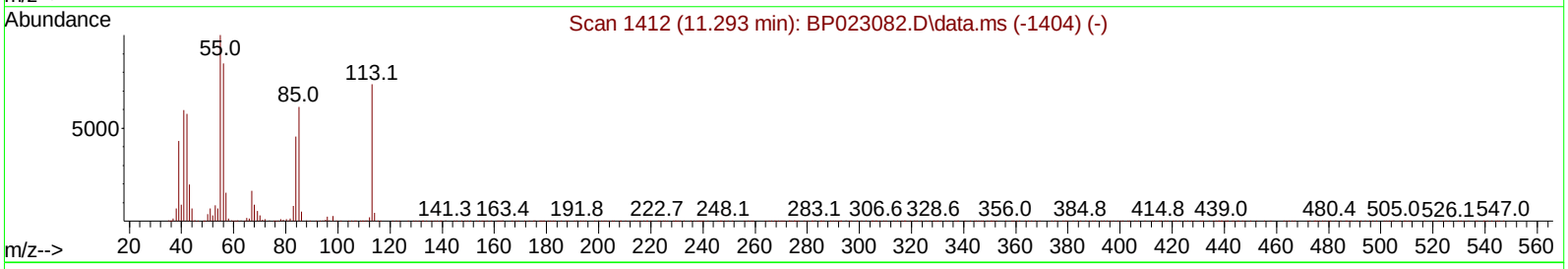
Instrument :
BNA_P
ClientSampleId :
SLCS783

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/18/2024







TIC: BP023096.D\data.ms

(34) Caprolactam

11.293min (+ 0.006) 36.66 ng/ul

response 53055

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.80	142.54
56.00	124.80	123.08
0.00	0.00	0.00

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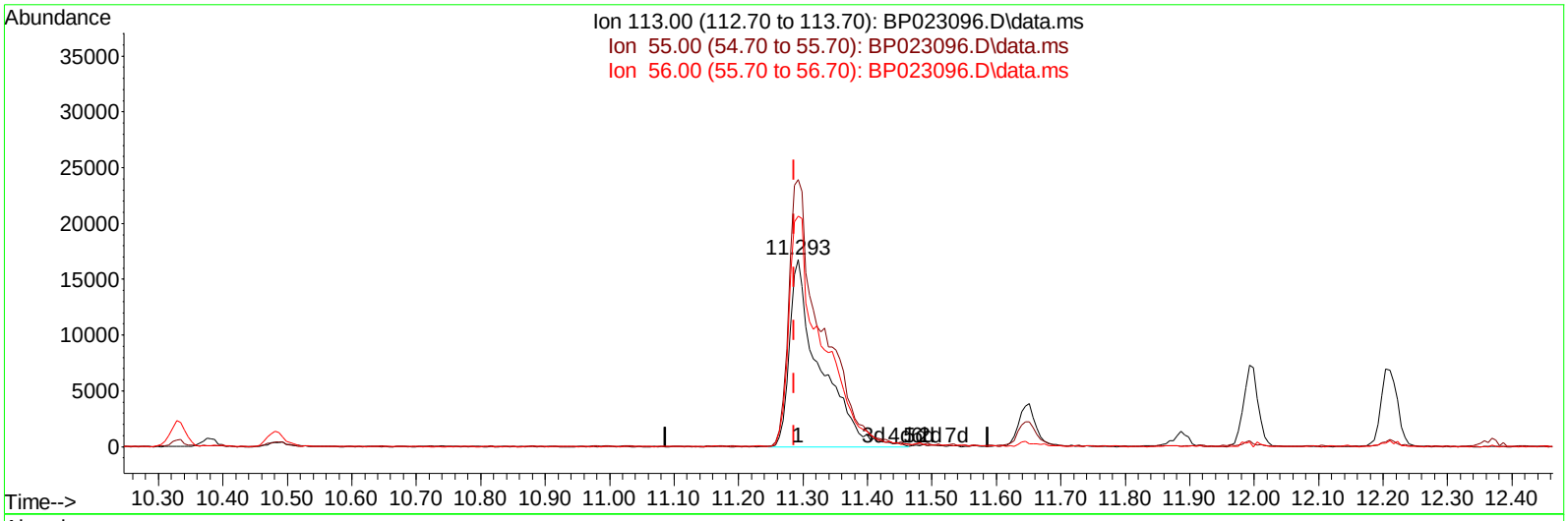

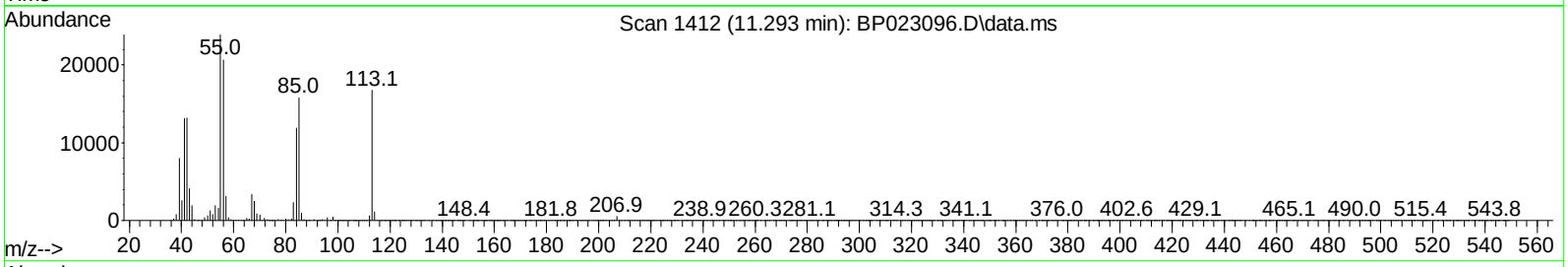

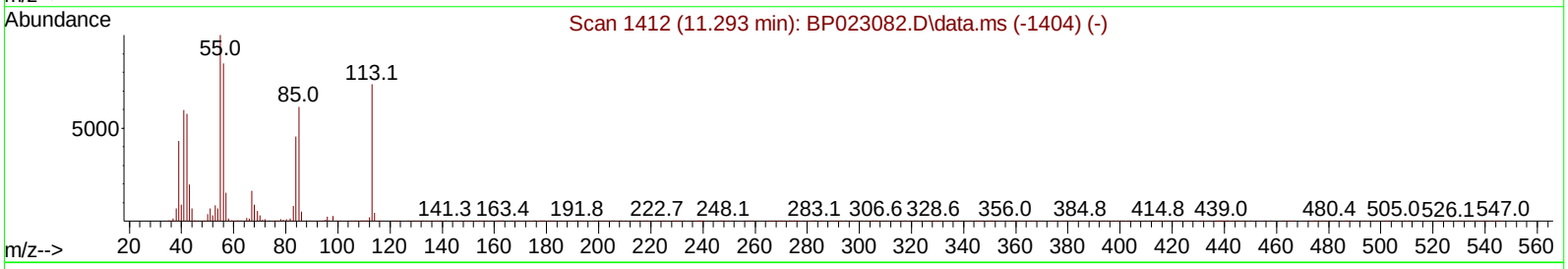

TIC: BP023096.D\data.ms

(34) Caprolactam

11.293min (+ 0.006) 38.07 ng/ul m

response 55091

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.80	142.54
56.00	124.80	123.08
0.00	0.00	0.00

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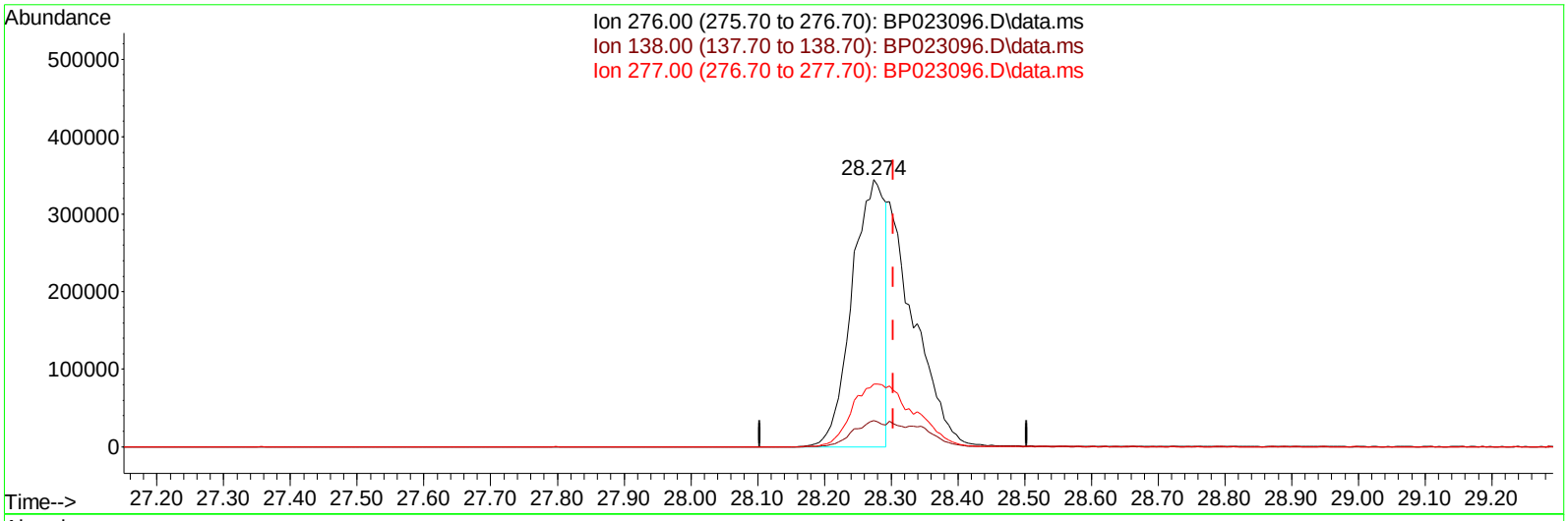

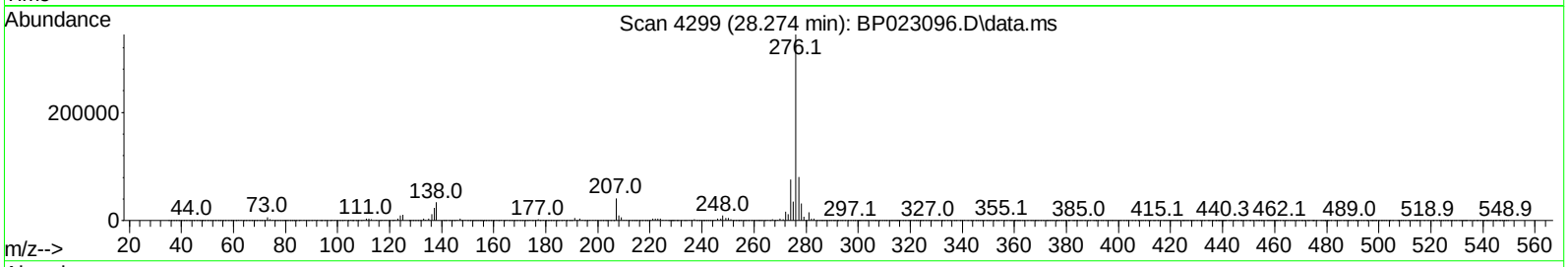

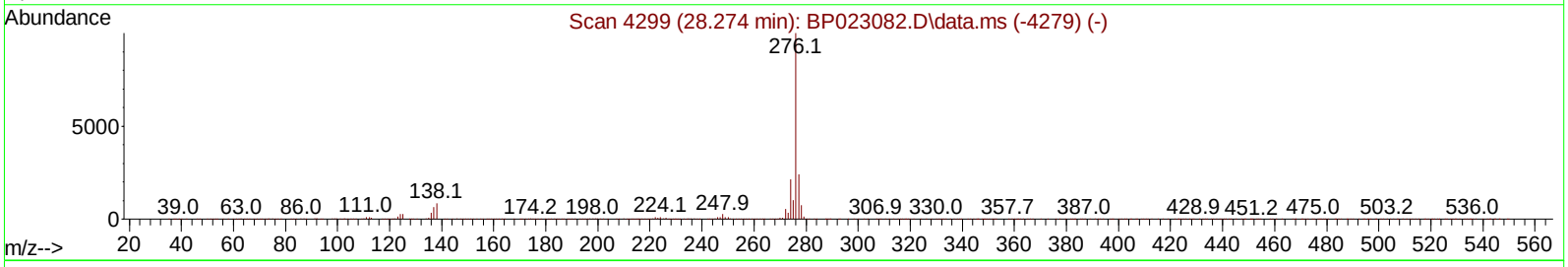

TIC: BP023096.D\data.ms

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

28.274min (-0.029) 20.91 ng/ul

response 1177582

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.70	9.70
277.00	24.80	23.46
0.00	0.00	0.00

Quantitation Report (Qedit)

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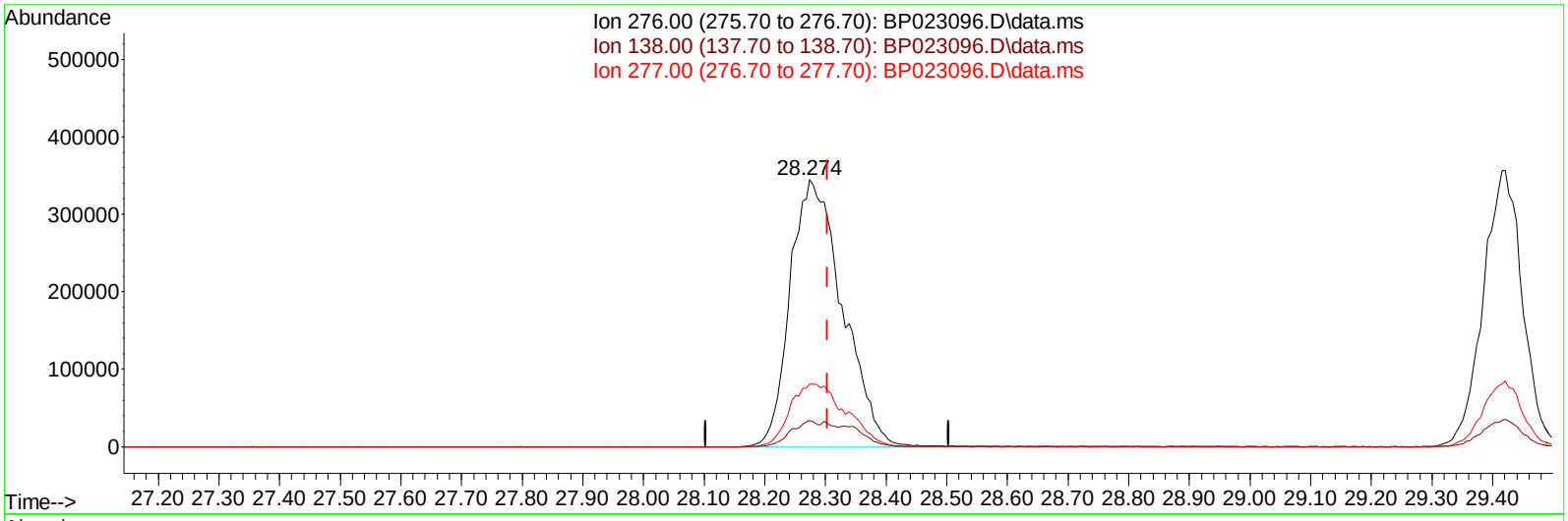

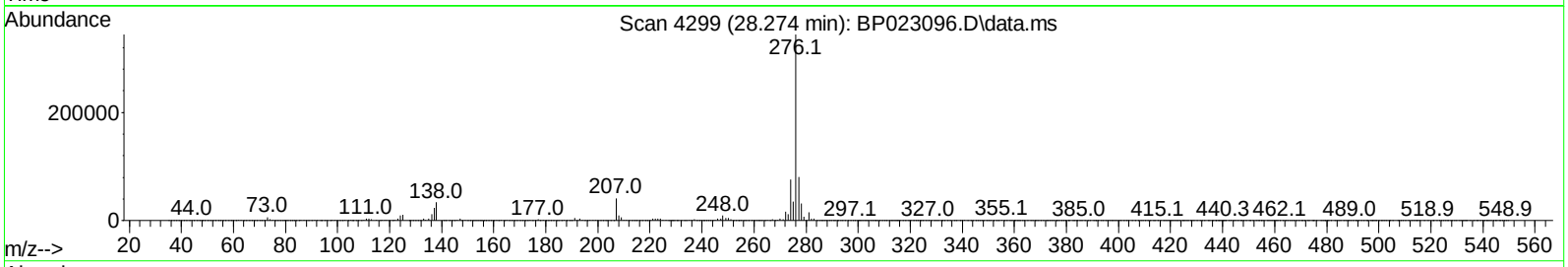

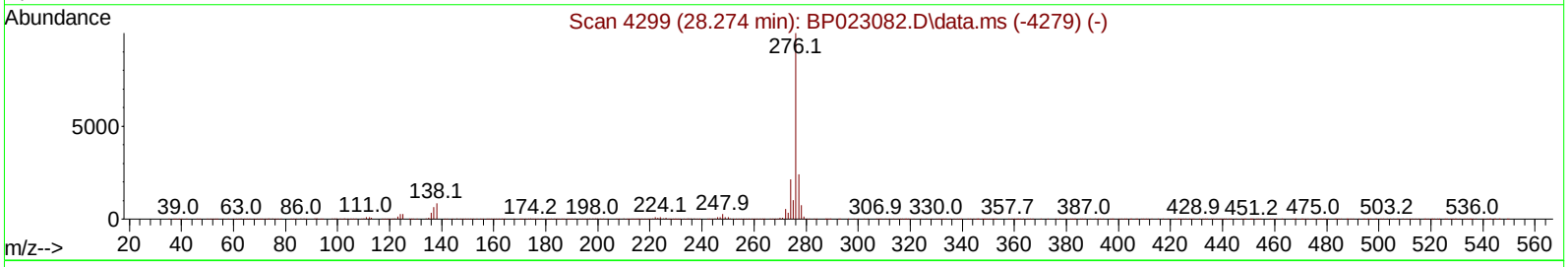

TIC: BP023096.D\data.ms

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

28.274min (-0.029) 36.71 ng/ul m

response 2067667

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.70	9.70
277.00	24.80	23.46
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	7.581	152	71054	20.000	ng/ul	0.00
20) Naphthalene-d8	10.328	136	282585	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.193	164	237040	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.004	188	591523	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.433	240	683875	20.000	ng/ul	-0.01
88) Perylene-d12	24.639	264	803376	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	10208	6.906	ng/uL	0.00
4) Pyridine-d5	3.546	84	153196	34.882	ng/ul	0.00
7) Phenol-d5	6.787	99	201772	38.409	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.928	67	112389	36.415	ng/ul	0.00
11) 2-Chlorophenol-d4	7.128	132	149261	38.796	ng/ul	0.00
15) 4-Methylphenol-d8	8.293	113	162408	37.569	ng/ul	0.00
21) Nitrobenzene-d5	8.728	128	73410	37.315	ng/ul	0.00
24) 2-Nitrophenol-d4	9.440	143	88387	37.686	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	187441	38.163	ng/ul	0.00
31) 4-Chloroaniline-d4	10.481	131	190634	32.534	ng/ul	0.00
46) Dimethylphthalate-d6	13.604	166	617928	36.170	ng/ul	0.00
49) Acenaphthylene-d8	13.881	160	665424	37.329	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.451	143	94124	36.661	ng/ul	0.00
60) Fluorene-d10	15.216	176	554121	36.994	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.351	200	127590	36.007	ng/ul	-0.01
73) Anthracene-d10	17.092	188	949167	37.897	ng/ul	-0.02
81) Pyrene-d10	19.486	212	1254879	39.838	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.427	264	1477123	38.600	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.170	88	22423	13.128	ng/uL	94
5) Pyridine	3.564	79	151650	34.383	ng/ul	98
6) Benzaldehyde	6.752	77	52318	17.307	ng/ul	96
8) Phenol	6.811	94	210156	38.310	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.022	93	151518	36.756	ng/ul	96
12) 2-Chlorophenol	7.163	128	154063	38.570	ng/ul	96
13) 2-Methylphenol	8.028	108	150050	36.644	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.093	45	176198	37.758	ng/ul	95
16) Acetophenone	8.399	105	258148	35.537	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.381	70	134856	37.179	ng/ul	98
18) 4-Methylphenol	8.358	108	168842	37.331	ng/ul	97
19) Hexachloroethane	8.628	117	67873	35.134	ng/ul	95
22) Nitrobenzene	8.769	77	210314	37.257	ng/ul	100
23) Isophorone	9.287	82	381109	37.758	ng/ul	98
25) 2-Nitrophenol	9.469	139	93191	37.645	ng/ul	91
26) 2,4-Dimethylphenol	9.534	107	170094	31.820	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.757	93	207921	37.438	ng/ul	97
29) 2,4-Dichlorophenol	9.999	162	185301	38.089	ng/ul	96
30) Naphthalene	10.381	128	496833	36.190	ng/ul	98
32) 4-Chloroaniline	10.504	127	128546	22.644	ng/ul	93
33) Hexachlorobutadiene	10.652	225	155368	35.295	ng/ul	98
34) Caprolactam	11.293	113	55091m	38.071	ng/ul	
35) 4-Chloro-3-methylphenol	11.646	107	205060	39.181	ng/ul	94

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.993	142	378340	36.503	ng/ul	96
37) 1-Methylnaphthalene	12.210	142	376171	35.503	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.369	216	290372	36.285	ng/ul	97
40) Hexachlorocyclopentadiene	12.340	237	112395	26.740	ng/ul	97
41) 2,4,6-Trichlorophenol	12.622	196	182271	37.405	ng/ul	97
42) 2,4,5-Trichlorophenol	12.710	196	200049	38.080	ng/ul	98
43) 1,1'-Biphenyl	13.022	154	554762	36.524	ng/ul	100
44) 2-Chloronaphthalene	13.063	162	451357	36.352	ng/ul	98
45) 2-Nitroaniline	13.281	65	138834	39.823	ng/ul	90
47) Dimethylphthalate	13.663	163	608876	36.138	ng/ul	99
48) 2,6-Dinitrotoluene	13.793	165	128902	39.331	ng/ul	96
50) Acenaphthylene	13.910	152	668499	37.099	ng/ul	99
51) 3-Nitroaniline	14.134	138	111038	39.336	ng/ul	89
52) Acenaphthene	14.257	153	481083	36.775	ng/ul	97
53) 2,4-Dinitrophenol	14.357	184	79283	34.094	ng/ul	97
55) 4-Nitrophenol	14.469	109	111128	36.996	ng/ul	92
56) Dibenzofuran	14.598	168	732263	36.229	ng/ul	97
57) 2,4-Dinitrotoluene	14.592	165	201968	38.666	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.851	232	187848	36.581	ng/ul	98
59) Diethylphthalate	15.040	149	602614	36.164	ng/ul	99
61) Fluorene	15.263	166	608713	36.796	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.257	204	355696	36.516	ng/ul	98
63) 4-Nitroaniline	15.304	138	117277	44.649	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.369	198	137137	36.229	ng/ul	99
67) N-Nitrosodiphenylamine	15.487	169	528748	38.684	ng/ul	99
68) 4-Bromophenyl-phenylether	16.175	248	247987	37.022	ng/ul	96
69) Hexachlorobenzene	16.292	284	313538	37.182	ng/ul	99
70) Atrazine	16.463	200	181481	27.467	ng/ul	99
71) Pentachlorophenol	16.657	266	184760	35.291	ng/ul	98
72) Phenanthrene	17.039	178	1092254	39.109	ng/ul	100
74) Anthracene	17.128	178	1071713	38.167	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.987	216	282548	36.178	ng/uL	96
76) Pentachlorobenzene	14.528	250	318648	35.733	ng/uL	98
77) Carbazole	17.422	167	951580	38.843	ng/ul	99
78) Di-n-butylphthalate	18.010	149	1093376	40.219	ng/ul	100
80) Fluoranthene	19.145	202	1459622	40.222	ng/ul	99
82) Pyrene	19.522	202	1565317	40.152	ng/ul	99
83) Butylbenzylphthalate	20.469	149	538172	41.929	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.339	252	568747	37.050	ng/ul	99
85) Benzo(a)anthracene	21.416	228	1617354	38.731	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.351	149	757031	41.504	ng/ul	97
87) Chrysene	21.480	228	1498903	38.148	ng/ul	99
89) Di-n-octyl phthalate	22.563	149	1274887	39.115	ng/ul	100
90) Benzo(b)fluoranthene	23.639	252	1726818	38.618	ng/ul	100
91) Benzo(k)fluoranthene	23.698	252	1714185	38.942	ng/ul#	99
93) Benzo(a)pyrene	24.486	252	1550487	38.357	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.274	276	2067667m	36.714	ng/ul	
95) Dibenzo(a,h)anthracene	28.345	278	1654234	36.176	ng/ul	99
96) Benzo(g,h,i)perylene	29.421	276	1603507	37.486	ng/ul	99

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

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