Quantitation Report (Qedit)

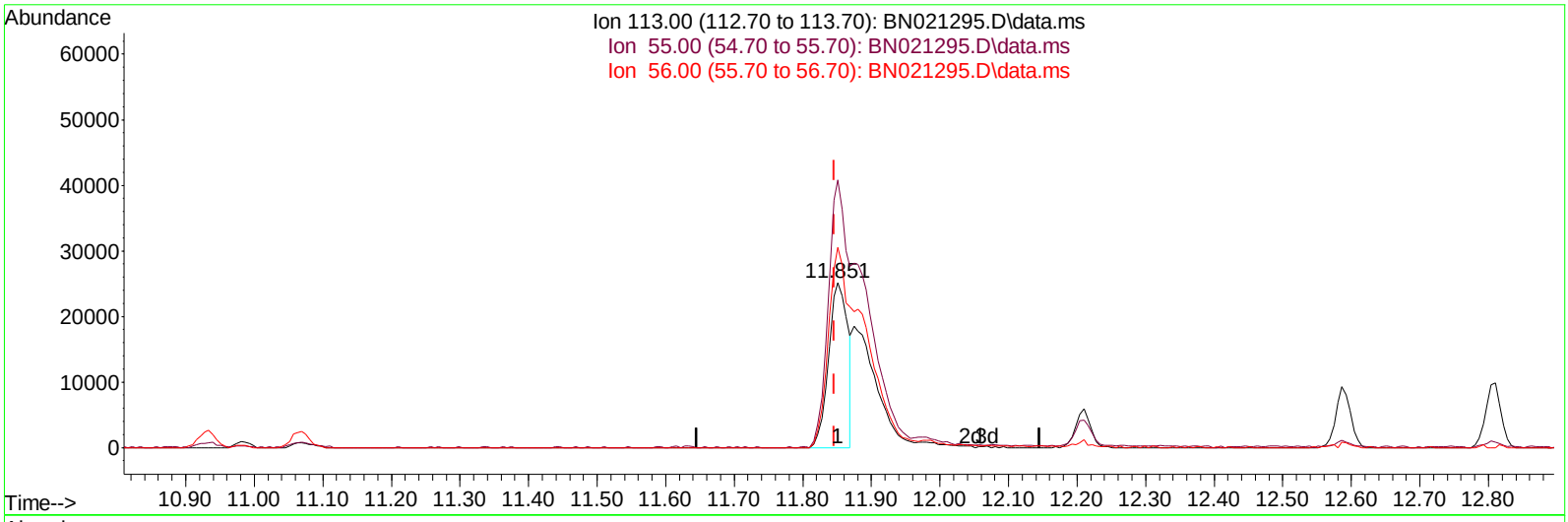
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081922\
Data File : BN021295.D
Acq On : 19 Aug 2022 13:34
Operator : CG/JU
Sample : SSTD04026
Misc :
ALS Vial : 5 Sample Multiplier: 1

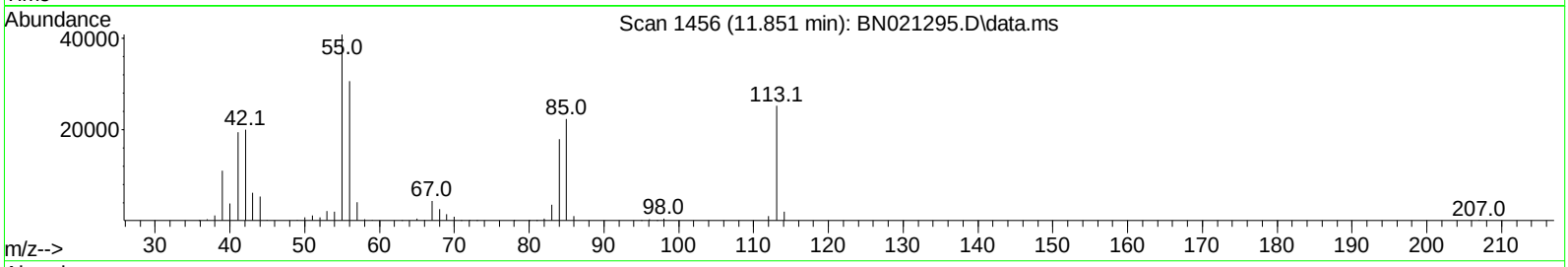
Quant Time: Aug 19 15:39:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 15:36:45 2022
Response via : Initial Calibration

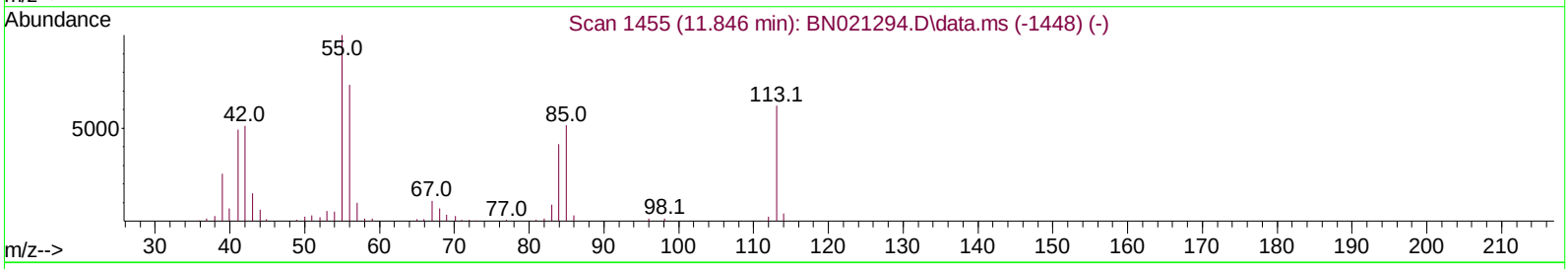
Instrument :
BNA_N
ClientSampleId :
SSTD040234

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/22/2022







TIC: BN021295.D\data.ms

(34) Caprolactam

11.851min (+ 0.006) 26.49 ng/ul

response 49417

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	162.00
56.00	133.10	121.29
0.00	0.00	0.00

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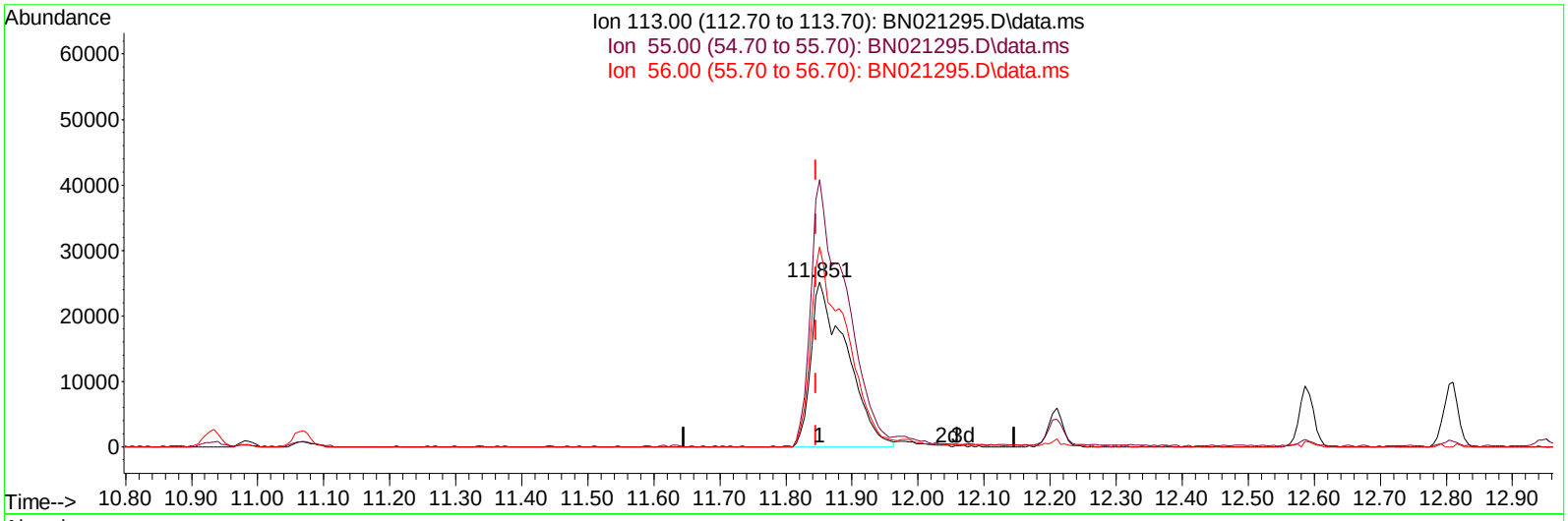

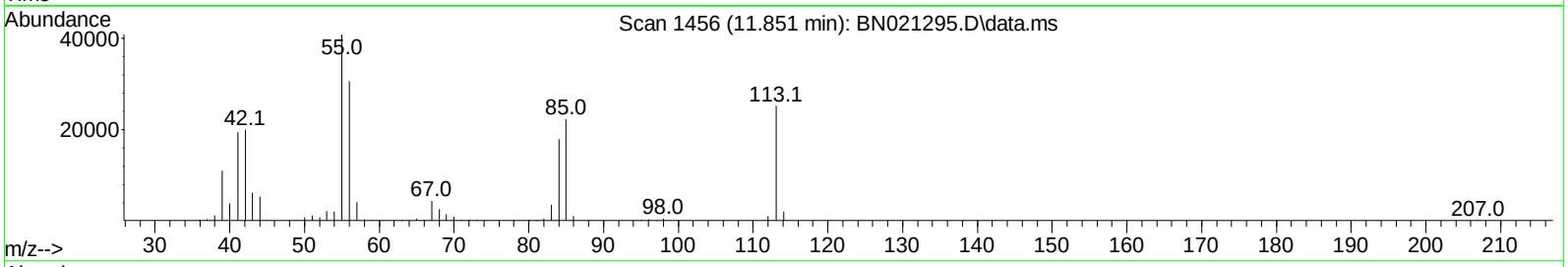

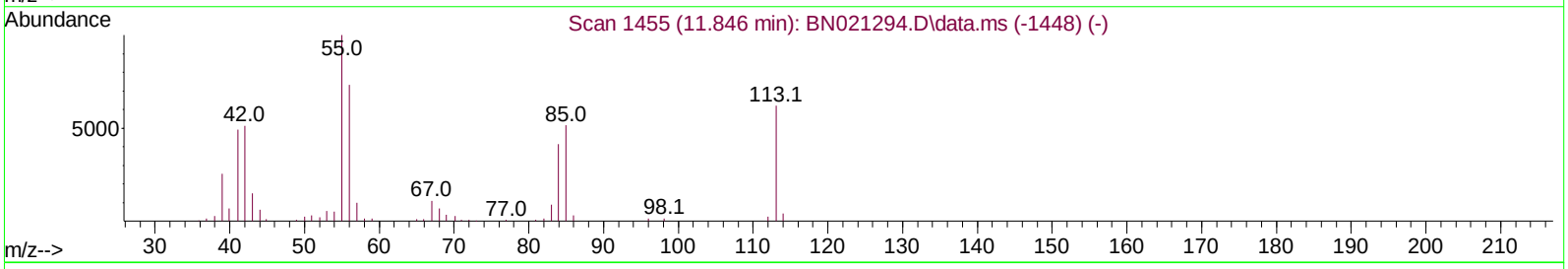

TIC: BN021295.D\data.ms

(34) Caprolactam

11.851min (+ 0.006) 50.47 ng/ul m

response 94131

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	162.00
56.00	133.10	121.29
0.00	0.00	0.00

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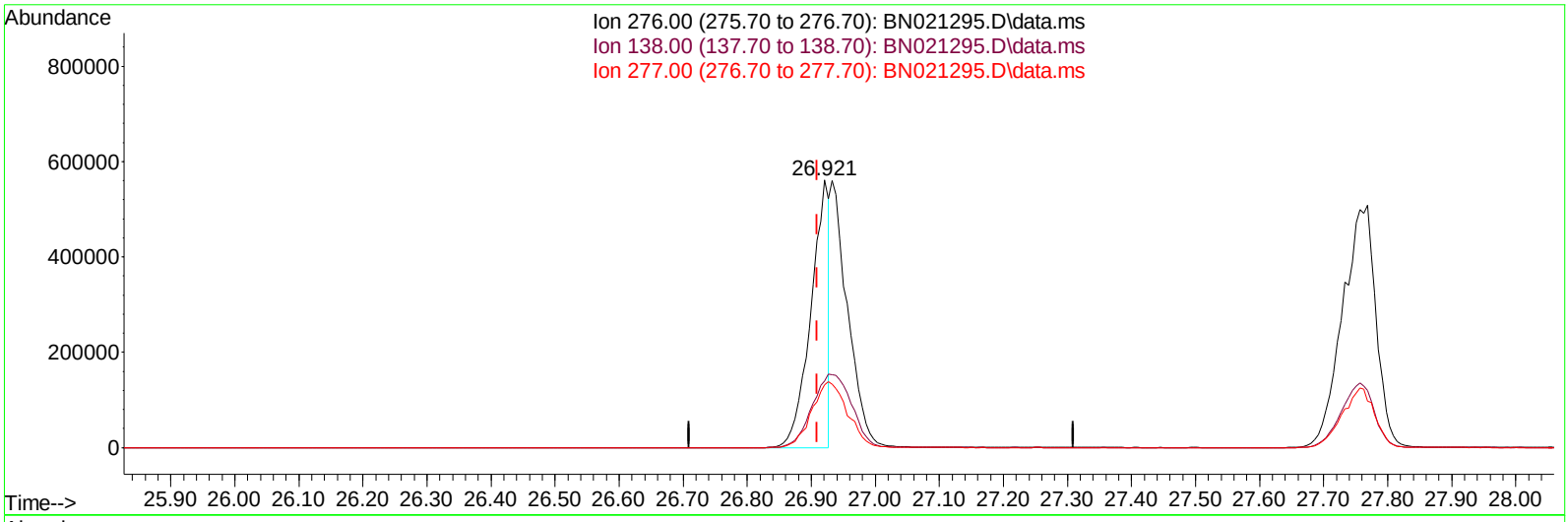

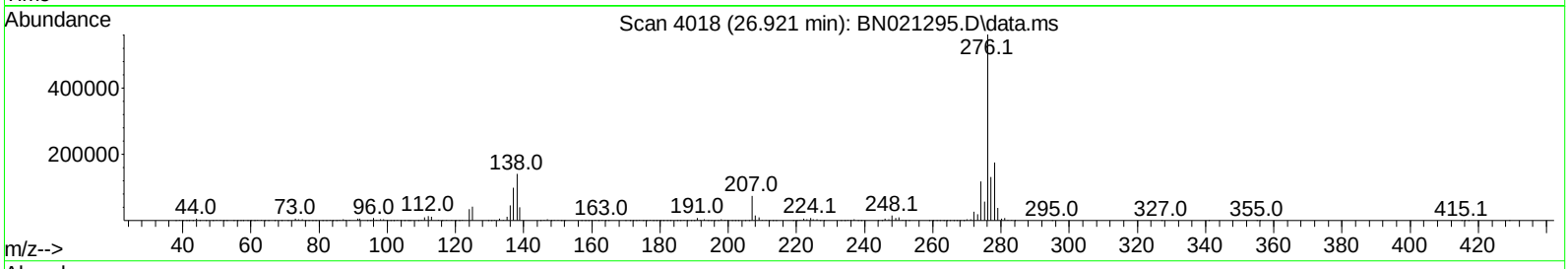

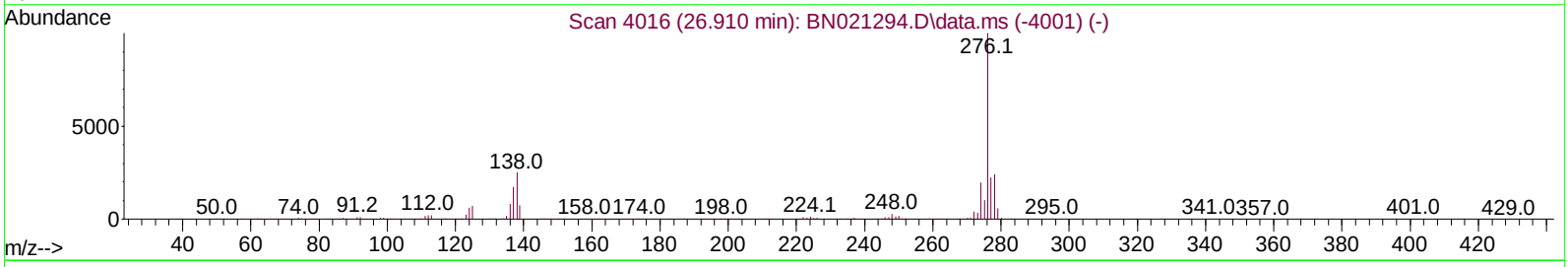

TIC: BN021295.D\data.ms

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

26.921min (+ 0.011) 22.50 ng/ul

response 1113828

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.40	24.99
277.00	26.70	23.40
0.00	0.00	0.00

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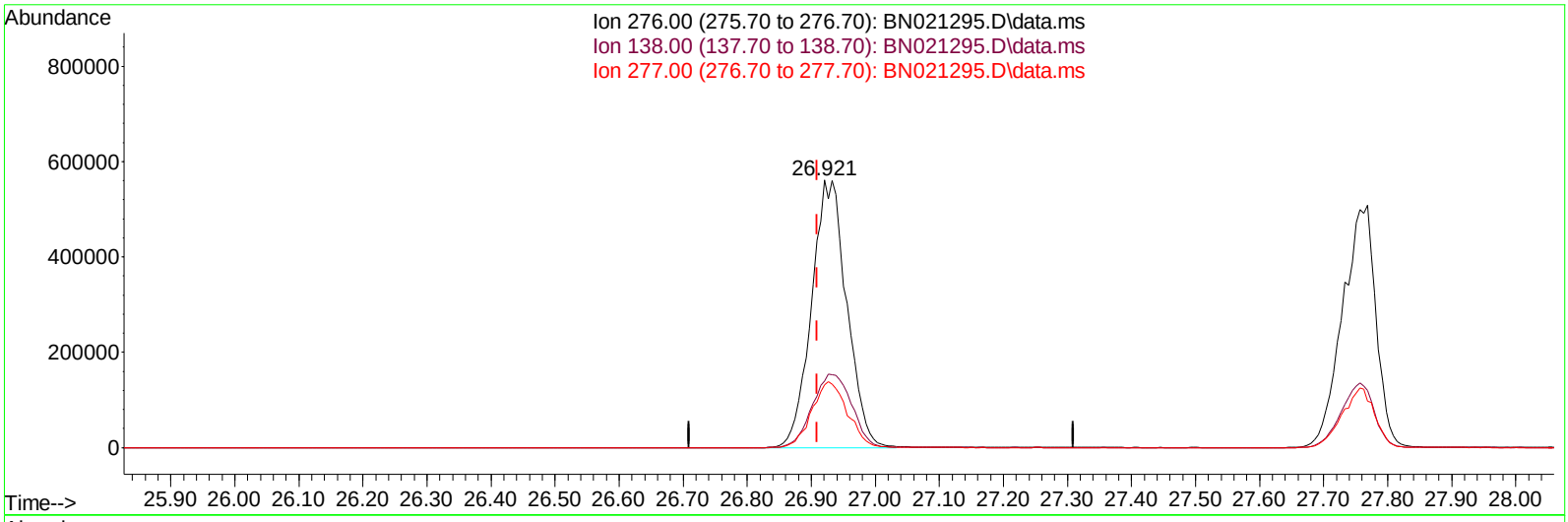

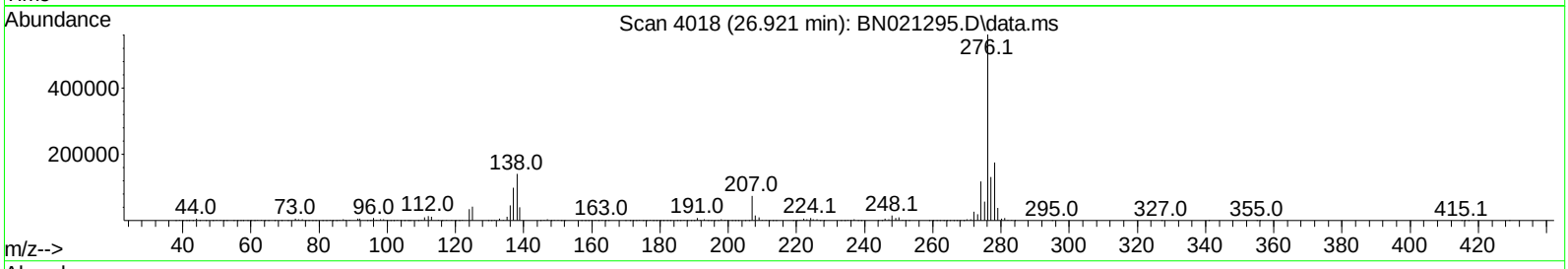

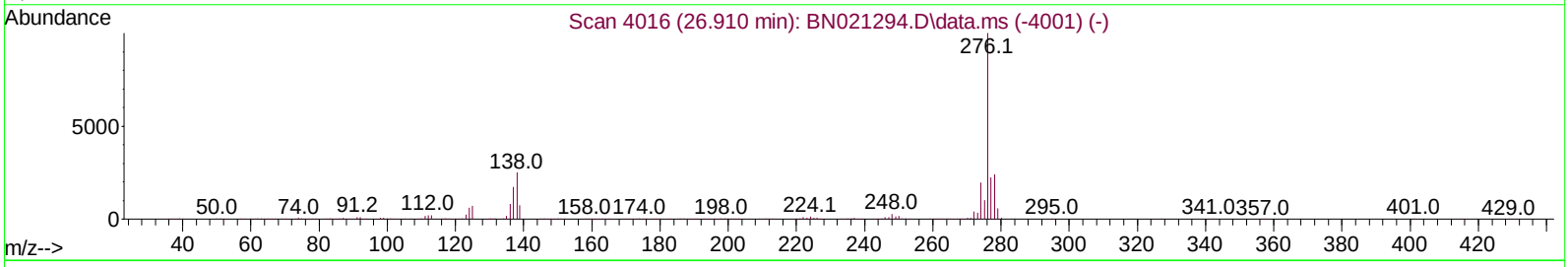

TIC: BN021295.D\data.ms

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

26.921min (+ 0.011) 43.33 ng/ul m

response 2145110

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	24.40	24.99
277.00	26.70	23.40
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/22/2022
Supervised By :Sohil Jodhani 08/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.098	152	87270	20.000	ng/ul	0.00
20) Naphthalene-d8	10.934	136	407195	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.751	164	257869	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.498	188	542560	20.000	ng/ul	0.00
79) Chrysene-d12	21.698	240	612780	20.000	ng/ul	0.00
88) Perylene-d12	24.239	264	696929	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	39270	16.606	ng/uL	0.00
4) Pyridine-d5	3.810	84	273246	43.793	ng/ul	0.00
7) Phenol-d5	7.240	99	332004	44.945	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	199410	44.965	ng/ul	0.00
11) 2-Chlorophenol-d4	7.616	132	249530	44.215	ng/ul	0.00
15) 4-Methylphenol-d8	8.810	113	258633	47.486	ng/ul	0.00
21) Nitrobenzene-d5	9.275	128	124840	47.510	ng/ul	0.00
24) 2-Nitrophenol-d4	10.004	143	113873	50.394	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.545	165	238345	42.729	ng/ul	0.00
31) 4-Chloroaniline-d4	11.069	131	396594	46.125	ng/ul	0.00
46) Dimethylphthalate-d6	14.163	166	760886	44.355	ng/ul	0.00
49) Acenaphthylene-d8	14.451	160	892523	42.200	ng/ul	0.00
54) 4-Nitrophenol-d4	14.939	143	154682	52.157	ng/ul	0.00
60) Fluorene-d10	15.745	176	648590	42.927	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	93872	50.950	ng/ul	0.00
73) Anthracene-d10	17.604	188	1036937	43.347	ng/ul	0.00
81) Pyrene-d10	19.892	212	1250728	40.110	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.080	264	1407223	41.185	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.416	88	40827	16.100	ng/uL	95
5) Pyridine	3.834	79	270589	43.277	ng/ul	90
6) Benzaldehyde	7.222	77	161333	50.675	ng/ul	92
8) Phenol	7.269	94	342887	45.533	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.510	93	273145	44.803	ng/ul	97
12) 2-Chlorophenol	7.651	128	268232	44.808	ng/ul	96
13) 2-Methylphenol	8.540	108	261563	46.444	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.634	45	346449	46.208	ng/ul	97
16) Acetophenone	8.928	105	420915	49.510	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.916	70	212155	50.518	ng/ul	94
18) 4-Methylphenol	8.875	108	287662	48.514	ng/ul	98
19) Hexachloroethane	9.192	117	105359	42.071	ng/ul	85
22) Nitrobenzene	9.316	77	299973	45.936	ng/ul	97
23) Isophorone	9.845	82	605005	44.248	ng/ul	99
25) 2-Nitrophenol	10.034	139	135181	50.445	ng/ul	93
26) 2,4-Dimethylphenol	10.092	107	310270	43.832	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.334	93	369992	43.245	ng/ul	96
29) 2,4-Dichlorophenol	10.569	162	253229	44.385	ng/ul	98
30) Naphthalene	10.981	128	885696	42.468	ng/ul	100
32) 4-Chloroaniline	11.092	127	408654	46.460	ng/ul	100
33) Hexachlorobutadiene	11.269	225	137476	39.597	ng/ul	97
34) Caprolactam	11.851	113	94131m	50.465	ng/ul	
35) 4-Chloro-3-methylphenol	12.210	107	286723	47.991	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	12.586	142	613954	44.953	ng/ul	94
37) 1-Methylnaphthalene	12.804	142	602108	44.069	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.951	216	282303	39.734	ng/ul	96
40) Hexachlorocyclopentadiene	12.933	237	164436	37.435	ng/ul	98
41) 2,4,6-Trichlorophenol	13.192	196	181066	42.617	ng/ul	90
42) 2,4,5-Trichlorophenol	13.257	196	203481	44.062	ng/ul	95
43) 1,1'-Biphenyl	13.592	154	795753	40.576	ng/ul	98
44) 2-Chloronaphthalene	13.633	162	610644	41.293	ng/ul	98
45) 2-Nitroaniline	13.833	65	171044	55.890	ng/ul	90
47) Dimethylphthalate	14.210	163	756991	42.778	ng/ul	99
48) 2,6-Dinitrotoluene	14.327	165	148526	57.211	ng/ul	97
50) Acenaphthylene	14.480	152	1014638	42.165	ng/ul	98
51) 3-Nitroaniline	14.657	138	154692	51.064	ng/ul	94
52) Acenaphthene	14.816	153	638219	41.502	ng/ul	100
53) 2,4-Dinitrophenol	14.857	184	59851	50.654	ng/ul	96
55) 4-Nitrophenol	14.957	109	123437	50.952	ng/ul	92
56) Dibenzofuran	15.151	168	924568	42.502	ng/ul	97
57) 2,4-Dinitrotoluene	15.110	165	215886	60.329	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.369	232	155592	46.863	ng/ul	91
59) Diethylphthalate	15.569	149	789717	44.480	ng/ul	99
61) Fluorene	15.798	166	738473	42.966	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.792	204	338090	42.773	ng/ul	99
63) 4-Nitroaniline	15.816	138	163112	59.042	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.869	198	99095	50.390	ng/ul#	94
67) N-Nitrosodiphenylamine	16.004	169	651020	41.148	ng/ul	96
68) 4-Bromophenyl-phenylether	16.692	248	209172	41.404	ng/ul	97
69) Hexachlorobenzene	16.798	284	247110	42.037	ng/ul	95
70) Atrazine	16.957	200	241588	44.799	ng/ul	97
71) Pentachlorophenol	17.145	266	140468	45.870	ng/ul	97
72) Phenanthrene	17.545	178	1238383	43.473	ng/ul	100
74) Anthracene	17.639	178	1232817	42.652	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.557	216	294891	38.041	ng/uL	97
76) Pentachlorobenzene	15.069	250	273148	38.878	ng/uL	96
77) Carbazole	17.910	167	1207242	45.781	ng/ul	99
78) Di-n-butylphthalate	18.474	149	1423002	44.489	ng/ul	100
80) Fluoranthene	19.563	202	1489559	38.767	ng/ul	97
82) Pyrene	19.921	202	1489126	37.463	ng/ul#	92
83) Butylbenzylphthalate	20.821	149	641464	41.444	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.609	252	527651	44.336	ng/ul#	95
85) Benzo(a)anthracene	21.680	228	1565389	41.979	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.609	149	946877	38.548	ng/ul	98
87) Chrysene	21.739	228	1471361	40.753	ng/ul	99
89) Di-n-octyl phthalate	22.586	149	1755191	37.022	ng/ul	100
90) Benzo(b)fluoranthene	23.456	252	1811408	41.636	ng/ul#	98
91) Benzo(k)fluoranthene	23.509	252	1604629	40.012	ng/ul	98
93) Benzo(a)pyrene	24.127	252	1723153	41.174	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.921	276	2145110m	43.333	ng/ul	
95) Dibenzo(a,h)anthracene	26.956	278	1840169	43.588	ng/ul	97
96) Benzo(g,h,i)perylene	27.768	276	1853052	43.049	ng/ul	94

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

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