Quantitation Report (Qedit)

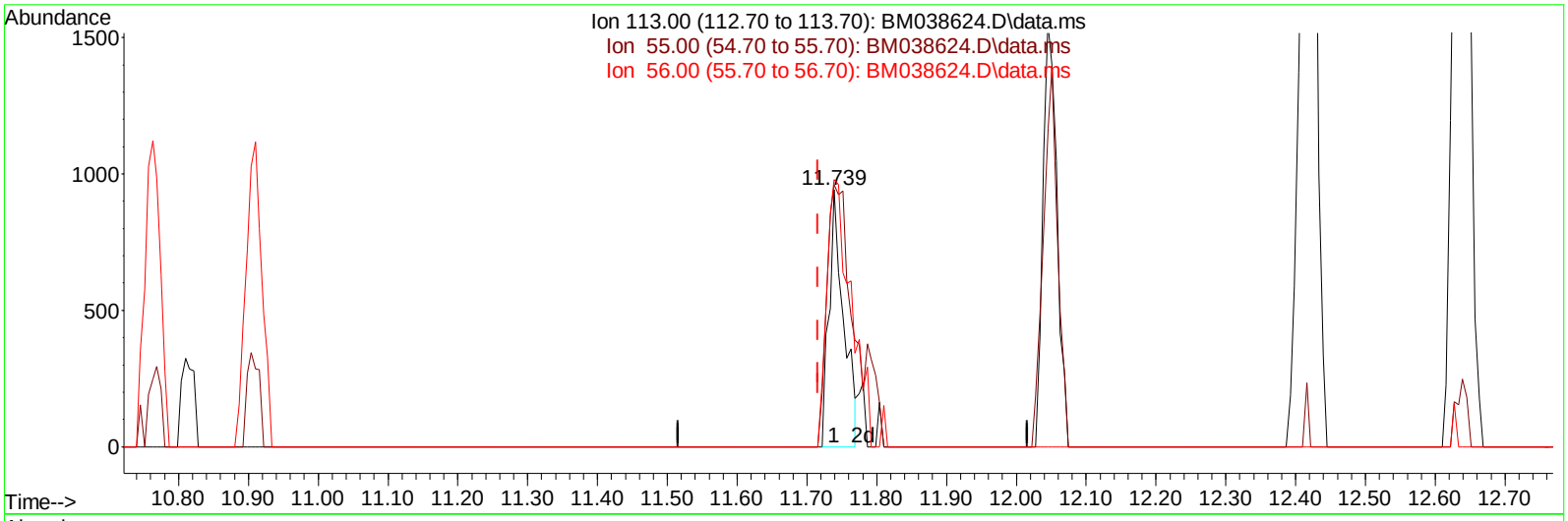
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013123\
Data File : BM038624.D
Acq On : 31 Jan 2023 17:57
Operator : CG/JU
Sample : 01311-07MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

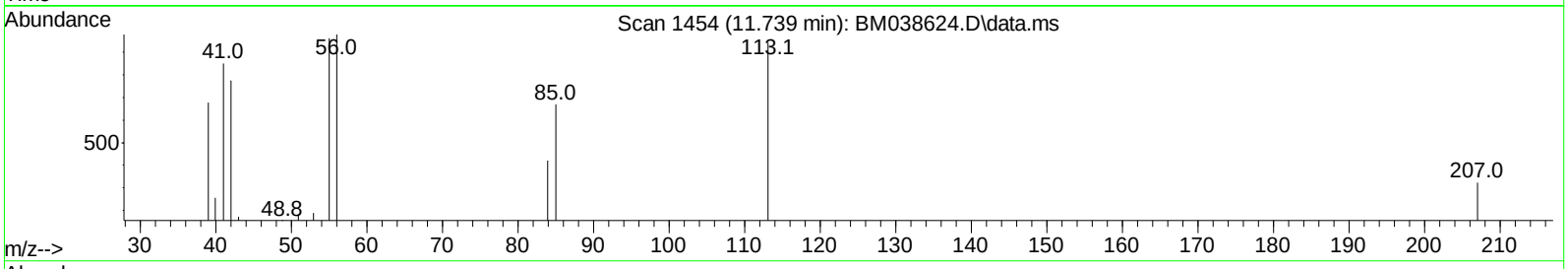
Quant Time: Feb 01 00:05:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013023.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 31 01:02:54 2023
Response via : Initial Calibration

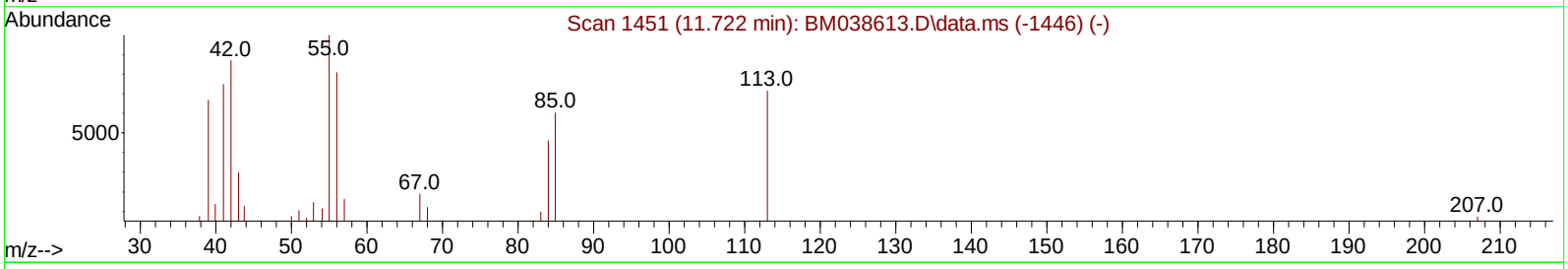
Instrument :
BNA_M
ClientSampleId :
GBQM3MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/01/2023
Supervised By :mohammad ahmed 02/01/2023







TIC: BM038624.D\data.ms

(34) Caprolactam

11.739min (+ 0.024) 2.79 ng/ul

response 1357

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	134.50	102.12#
56.00	120.60	103.93
0.00	0.00	0.00

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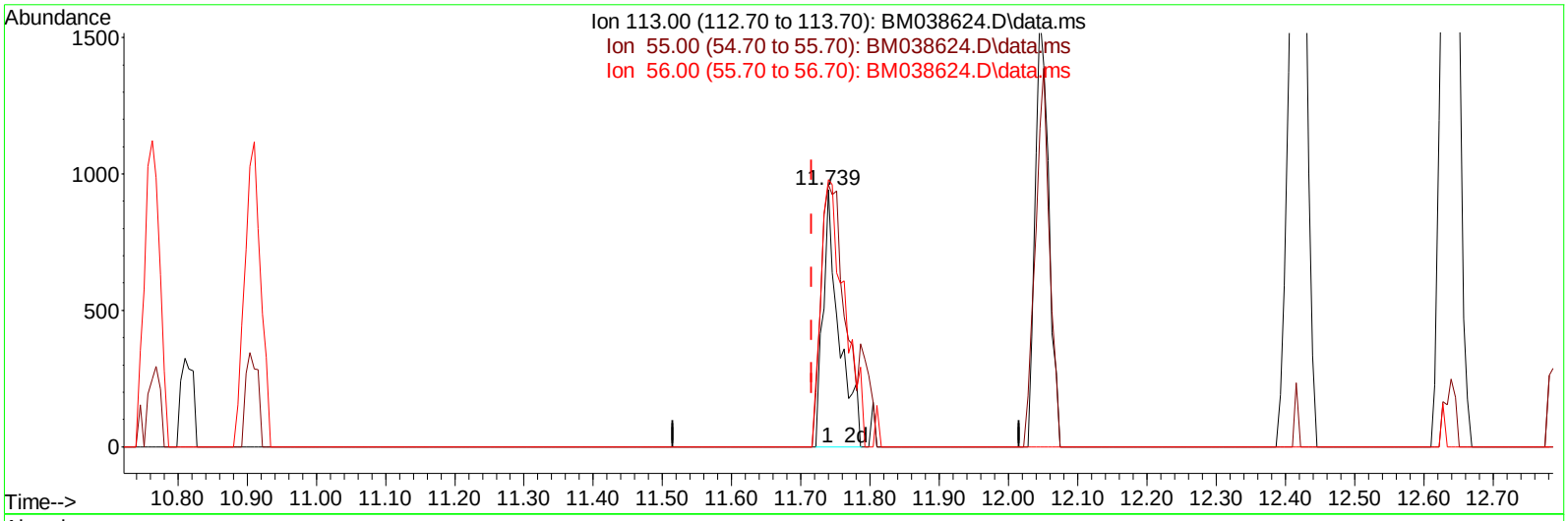

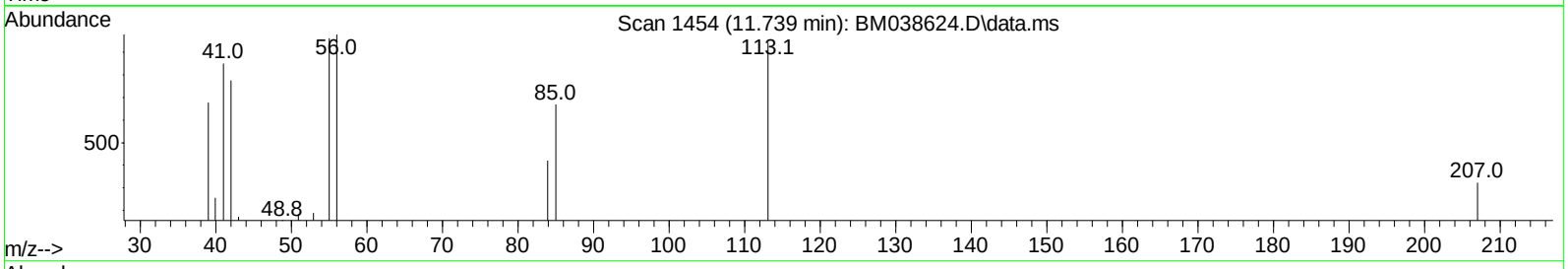

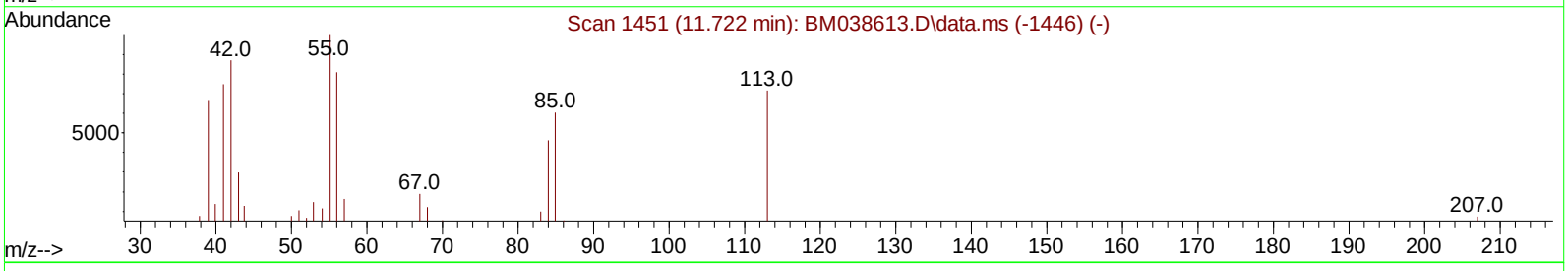

TIC: BM038624.D\data.ms

(34) Caprolactam

11.739min (+ 0.024) 3.10 ng/ul m

response 1509

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	134.50	102.12#
56.00	120.60	103.93
0.00	0.00	0.00

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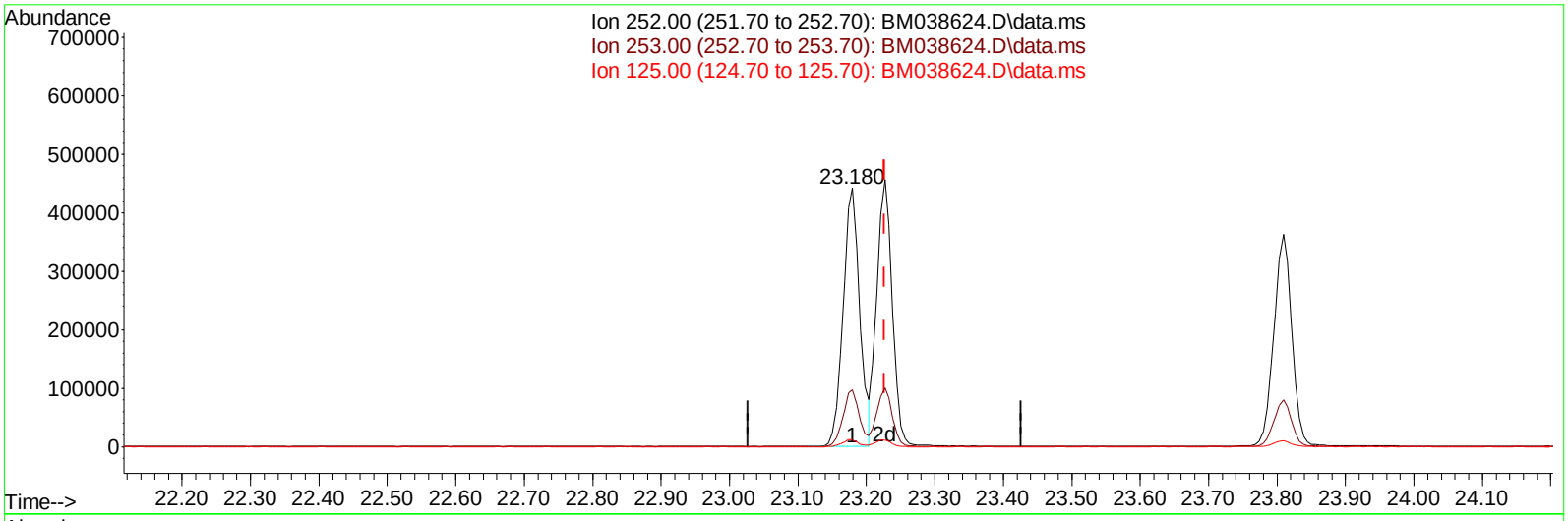

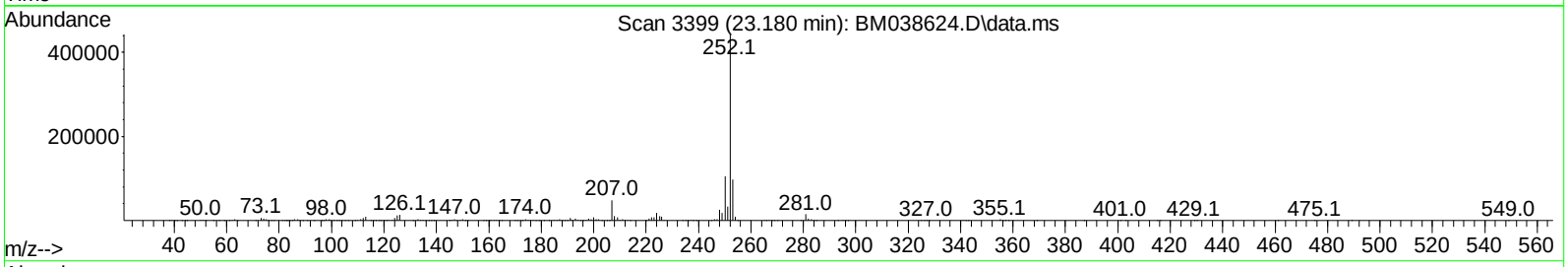

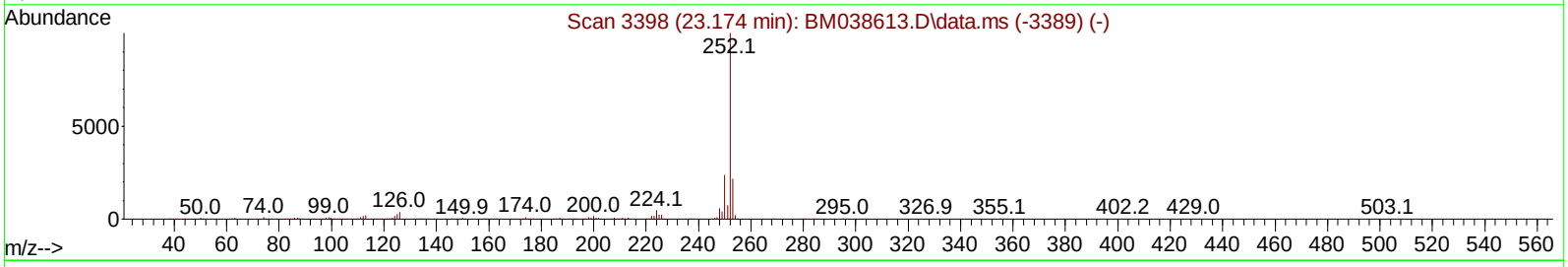

TIC: BM038624.D\data.ms

(91) Benzo(k)fluoranthene

23.180min (-0.047) 42.32 ng/ul

response 744459

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.70	22.03
125.00	3.30	2.65
0.00	0.00	0.00

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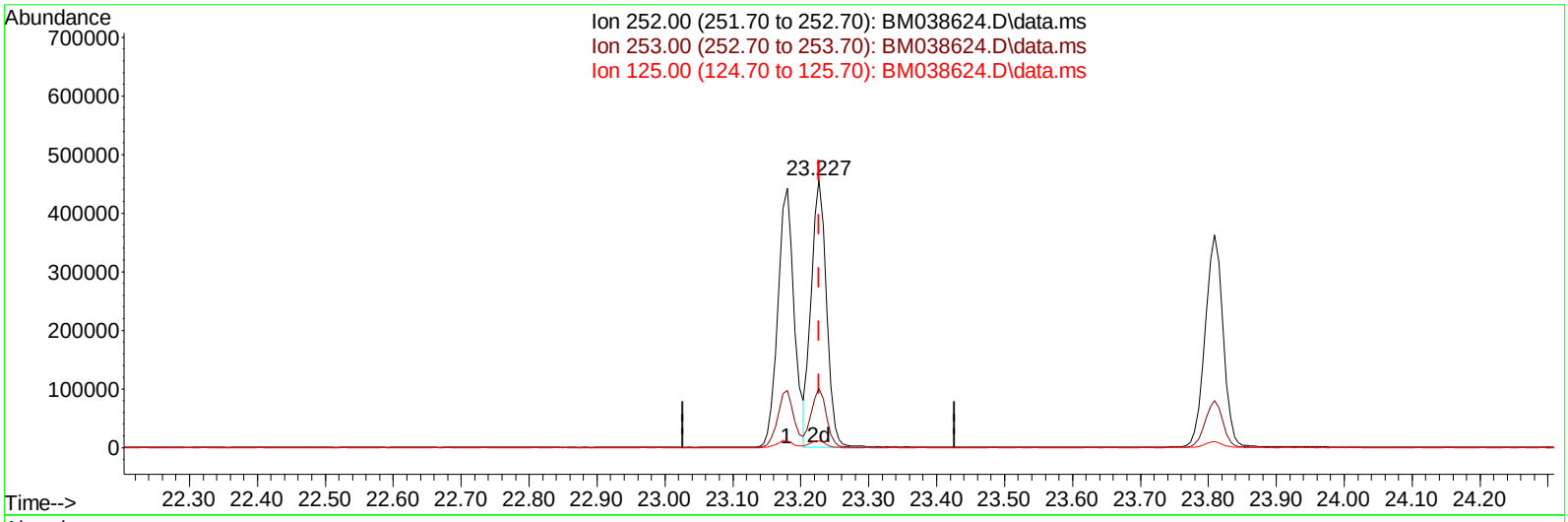

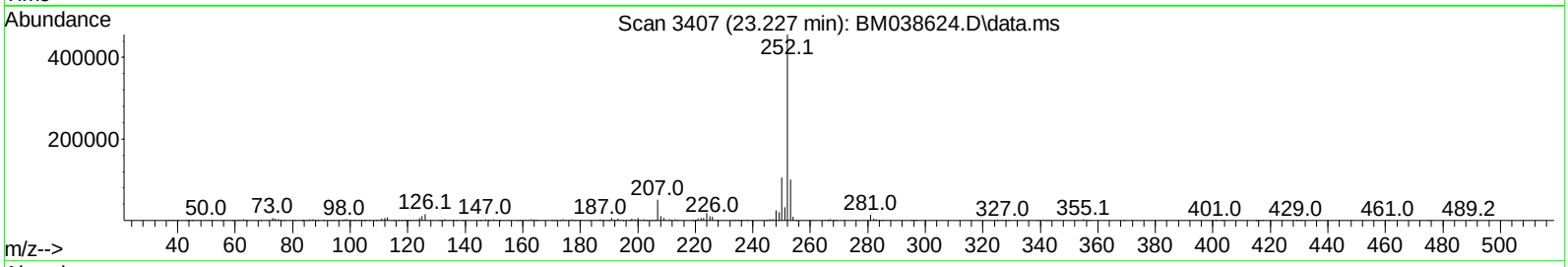

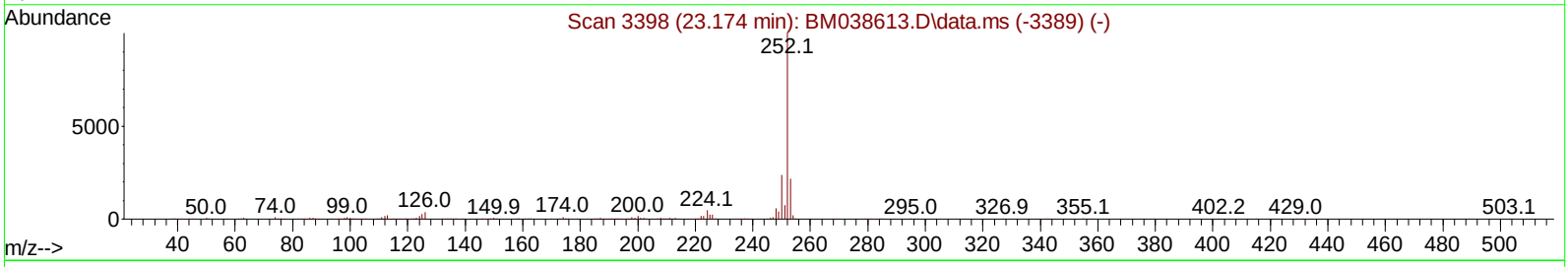

TIC: BM038624.D\data.ms

(91) Benzo(k)fluoranthene

23.227min (0.000) 40.73 ng/ul m

response 716554

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.70	21.96
125.00	3.30	2.56#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/01/2023
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.951	152	39747	20.000	ng/ul		0.00
20) Naphthalene-d8	10.763	136	117536	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.586	164	91522	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.333	188	211584	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.509	240	213243	20.000	ng/ul		0.00
88) Perylene-d12	23.909	264	285469	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.328	96	3983	3.573	ng/uL		0.00
4) Pyridine-d5	3.769	84	21195	7.593	ng/ul		0.00
7) Phenol-d5	7.116	99	14994	5.651	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	46350	29.930	ng/ul		0.00
11) 2-Chlorophenol-d4	7.481	132	50184	22.808	ng/ul		0.00
15) 4-Methylphenol-d8	8.669	113	28600	13.510	ng/ul		0.00
21) Nitrobenzene-d5	9.128	128	30671	34.426	ng/ul		0.00
24) 2-Nitrophenol-d4	9.845	143	40275	34.231	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.386	165	86357	33.164	ng/ul		0.00
31) 4-Chloroaniline-d4	10.910	131	64206	25.373	ng/ul		0.00
46) Dimethylphthalate-d6	14.004	166	285677	37.787	ng/ul		0.00
49) Acenaphthylene-d8	14.286	160	290176	36.068	ng/ul		0.00
54) 4-Nitrophenol-d4	14.798	143	6340	6.062	ng/ul		0.00
60) Fluorene-d10	15.580	176	257482	38.084	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	63682	35.161	ng/ul		0.00
73) Anthracene-d10	17.427	188	420525	39.485	ng/ul		0.00
81) Pyrene-d10	19.721	212	474218	43.159	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.756	264	605559	41.327	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	4606	3.835	ng/uL		92
5) Pyridine	3.787	79	23697	8.266	ng/ul		90
6) Benzaldehyde	7.093	77	57408	46.928	ng/ul		96
8) Phenol	7.146	94	16668	6.275	ng/ul		94
10) Bis(2-Chloroethyl)ether	7.381	93	57146	30.110	ng/ul		89
12) 2-Chlorophenol	7.516	128	49948	22.623	ng/ul		95
13) 2-Methylphenol	8.404	108	32458	16.082	ng/ul		95
14) 2,2'-oxybis(1-Chloropr...	8.487	45	56661	28.896	ng/ul		97
16) Acetophenone	8.787	105	107578	28.765	ng/ul		94
17) N-Nitroso-di-n-propyla...	8.769	70	52770	30.703	ng/ul#		96
18) 4-Methylphenol	8.734	108	29727	13.877	ng/ul		92
19) Hexachloroethane	9.028	117	31306	28.112	ng/ul		79
22) Nitrobenzene	9.169	77	89985	33.558	ng/ul		98
23) Isophorone	9.692	82	142484	35.115	ng/ul		97
25) 2-Nitrophenol	9.881	139	38158	32.719	ng/ul		96
26) 2,4-Dimethylphenol	9.939	107	53196	21.000	ng/ul		95
27) Bis(2-Chloroethoxy)met...	10.175	93	70473	34.062	ng/ul		98
29) 2,4-Dichlorophenol	10.410	162	82639	33.391	ng/ul#		93
30) Naphthalene	10.816	128	199052	34.133	ng/ul		99
32) 4-Chloroaniline	10.934	127	66438	26.165	ng/ul		99
33) Hexachlorobutadiene	11.086	225	89953	34.974	ng/ul		97
34) Caprolactam	11.739	113	1509m	3.099	ng/ul		
35) 4-Chloro-3-methylphenol	12.051	107	52355	26.781	ng/ul#		84

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.422	142	154932	35.719	ng/ul	97
37) 1-Methylnaphthalene	12.639	142	159240	35.564	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.786	216	151365	33.598	ng/ul	97
40) Hexachlorocyclopentadiene	12.757	237	92689	28.832	ng/ul	99
41) 2,4,6-Trichlorophenol	13.027	196	92909	33.872	ng/ul	95
42) 2,4,5-Trichlorophenol	13.098	196	97448	33.267	ng/ul	95
43) 1,1'-Biphenyl	13.427	154	246131	34.975	ng/ul	97
44) 2-Chloronaphthalene	13.469	162	208569	35.676	ng/ul#	91
45) 2-Nitroaniline	13.686	65	53647	34.308	ng/ul	93
47) Dimethylphthalate	14.051	163	277146	37.255	ng/ul	99
48) 2,6-Dinitrotoluene	14.180	165	55835	40.526	ng/ul#	83
50) Acenaphthylene	14.316	152	276599	34.380	ng/ul	100
51) 3-Nitroaniline	14.510	138	33884	34.167	ng/ul	97
52) Acenaphthene	14.651	153	204937	34.222	ng/ul	98
53) 2,4-Dinitrophenol	14.716	184	39819	35.951	ng/ul#	84
55) 4-Nitrophenol	14.816	109	11442	6.521	ng/ul	96
56) Dibenzofuran	14.986	168	328075	36.835	ng/ul	87
57) 2,4-Dinitrotoluene	14.963	165	80987	39.881	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.216	232	87580	34.148	ng/ul#	87
59) Diethylphthalate	15.404	149	248614	35.649	ng/ul	94
61) Fluorene	15.633	166	286673	38.218	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.627	204	190149	36.027	ng/ul	90
63) 4-Nitroaniline	15.668	138	30492	37.293	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.721	198	60079	35.149	ng/ul	92
67) N-Nitrosodiphenylamine	15.845	169	240792	40.365	ng/ul	95
68) 4-Bromophenyl-phenylether	16.521	248	113133	37.948	ng/ul	94
69) Hexachlorobenzene	16.633	284	137840	39.607	ng/ul#	91
70) Atrazine	16.792	200	107916	36.054	ng/ul	98
71) Pentachlorophenol	16.980	266	71340	32.046	ng/ul#	88
72) Phenanthrene	17.374	178	446192	40.353	ng/ul	98
74) Anthracene	17.462	178	451131	38.962	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.392	216	147099	36.171	ng/uL	98
76) Pentachlorobenzene	14.904	250	150737	35.621	ng/uL	99
77) Carbazole	17.739	167	347630	34.588	ng/ul	96
78) Di-n-butylphthalate	18.286	149	358879	36.907	ng/ul	99
80) Fluoranthene	19.386	202	559681	43.945	ng/ul#	97
82) Pyrene	19.751	202	591617	43.772	ng/ul#	96
83) Butylbenzylphthalate	20.633	149	150870	38.699	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.427	252	203636	38.872	ng/ul#	99
85) Benzo(a)anthracene	21.492	228	591781	39.176	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.403	149	214277	38.627	ng/ul	93
87) Chrysene	21.545	228	573476	41.016	ng/ul	100
89) Di-n-octyl phthalate	22.327	149	397240	32.857	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	744459	42.181	ng/ul	99
91) Benzo(k)fluoranthene	23.227	252	716554m	40.732	ng/ul	
93) Benzo(a)pyrene	23.809	252	666245	40.764	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.427	276	1031343	39.921	ng/ul	99
95) Dibenzo(a,h)anthracene	26.433	278	880677	40.165	ng/ul	99
96) Benzo(g,h,i)perylene	27.197	276	831933	39.674	ng/ul	99

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

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