Quantitation Report (Qedit)

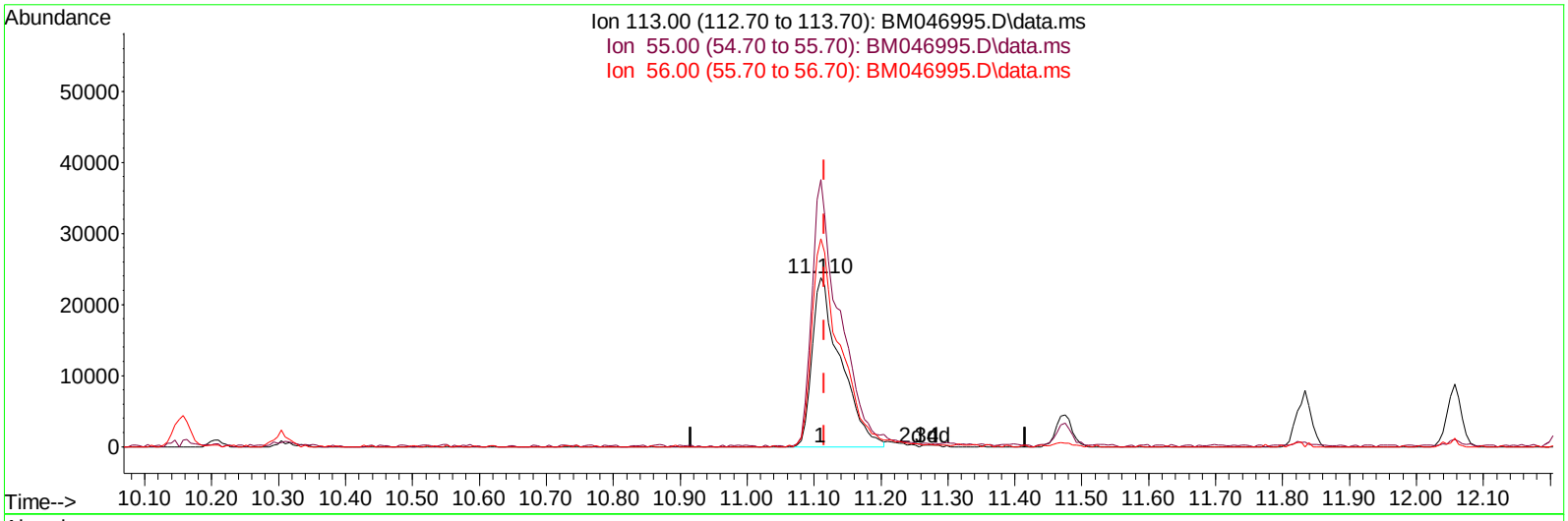
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080524\
Data File : BM046995.D
Acq On : 05 Aug 2024 17:06
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

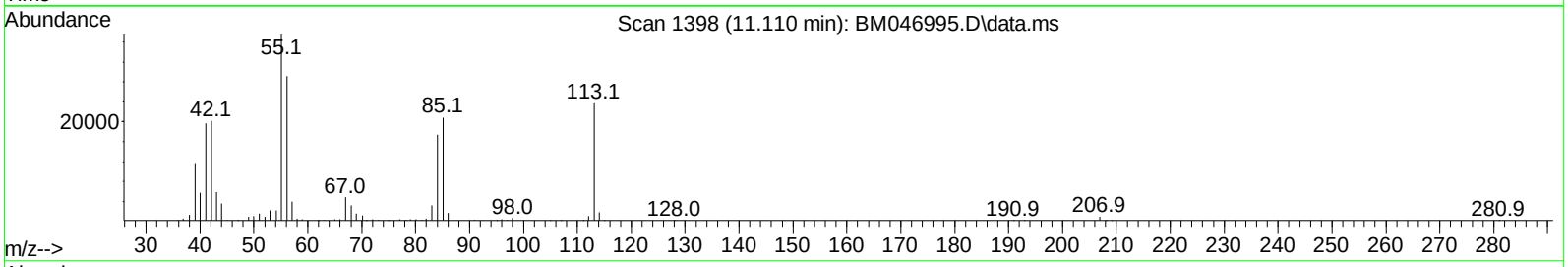
Quant Time: Aug 05 17:57:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 03 02:51:11 2024
Response via : Initial Calibration

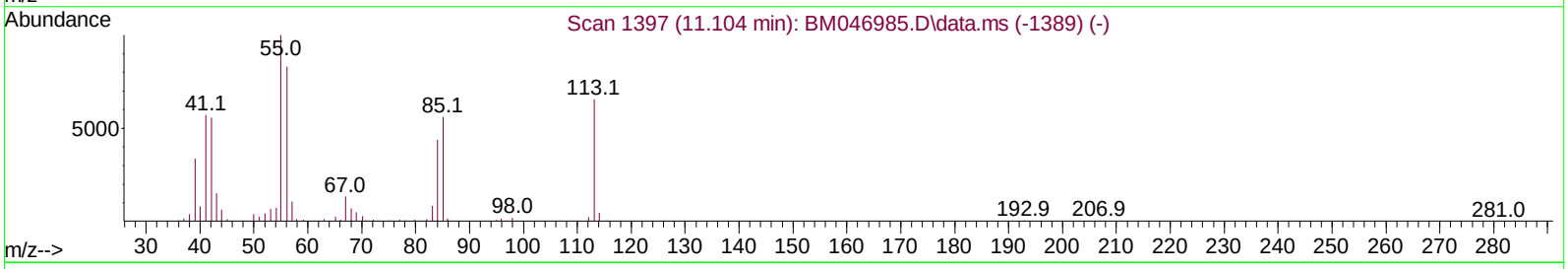
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024







TIC: BM046995.D\data.ms

(34) Caprolactam

11.110min (-0.006) 21.83 ng/ul

response 70190

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.90	158.12
56.00	118.20	123.15
0.00	0.00	0.00

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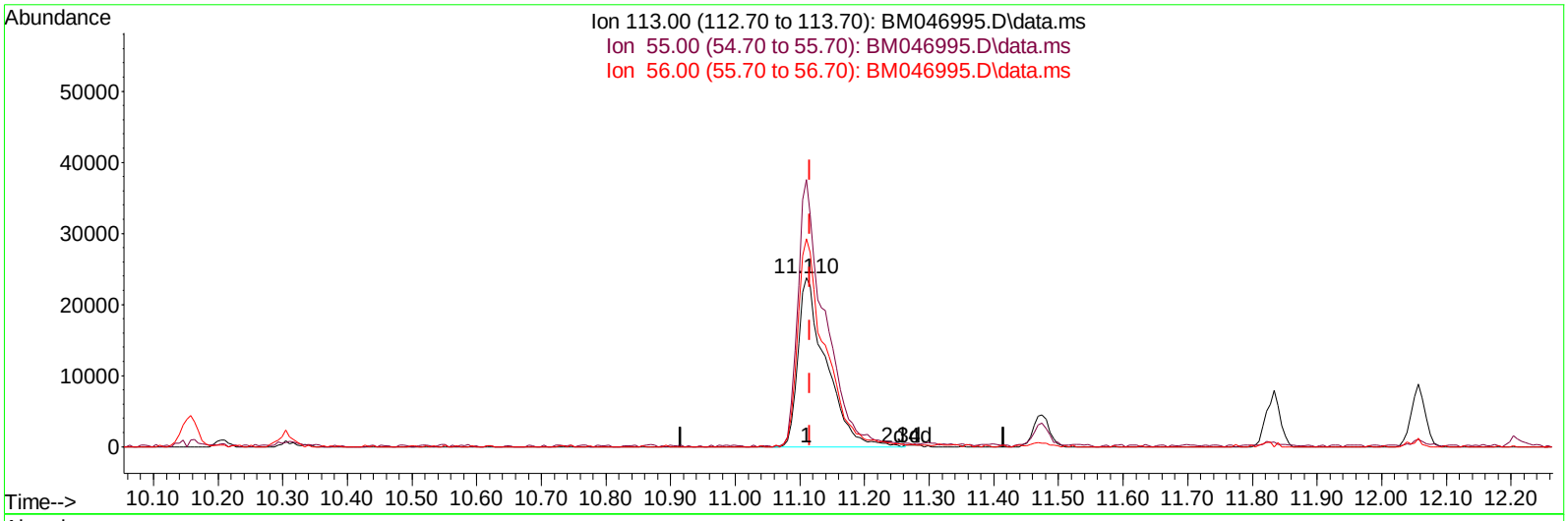

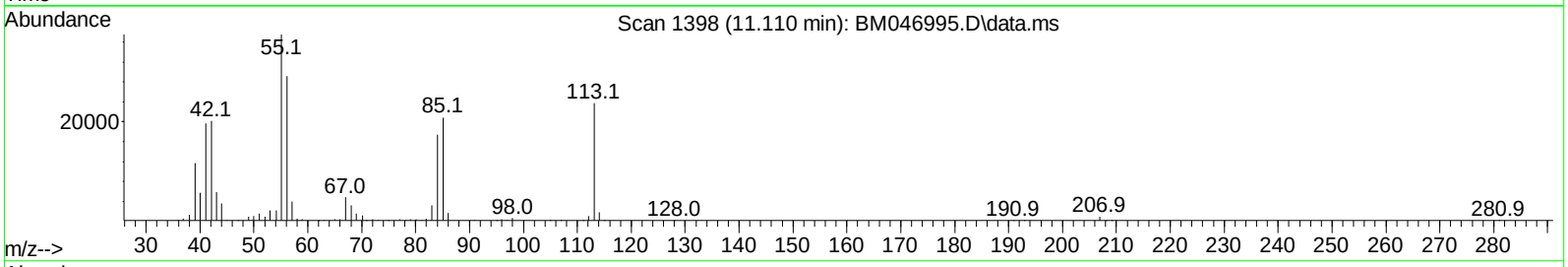

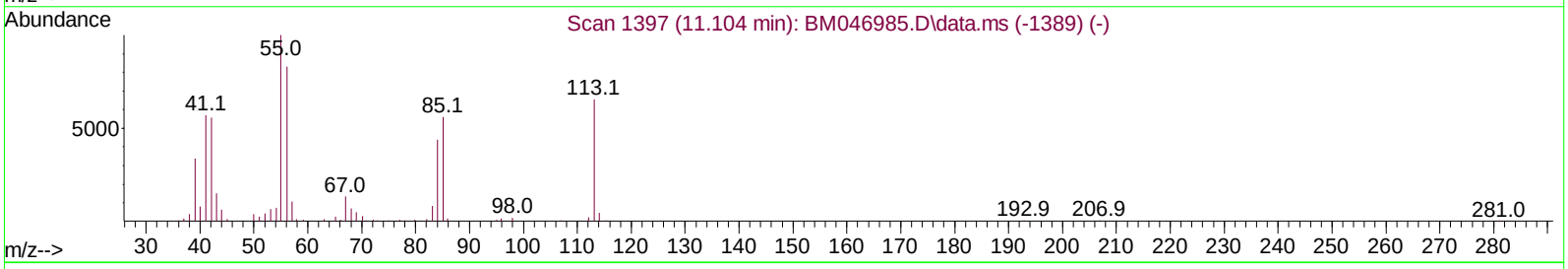

TIC: BM046995.D\data.ms

(34) Caprolactam

11.110min (-0.006) 22.26 ng/ul m

response 71575

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.90	158.12
56.00	118.20	123.15
0.00	0.00	0.00

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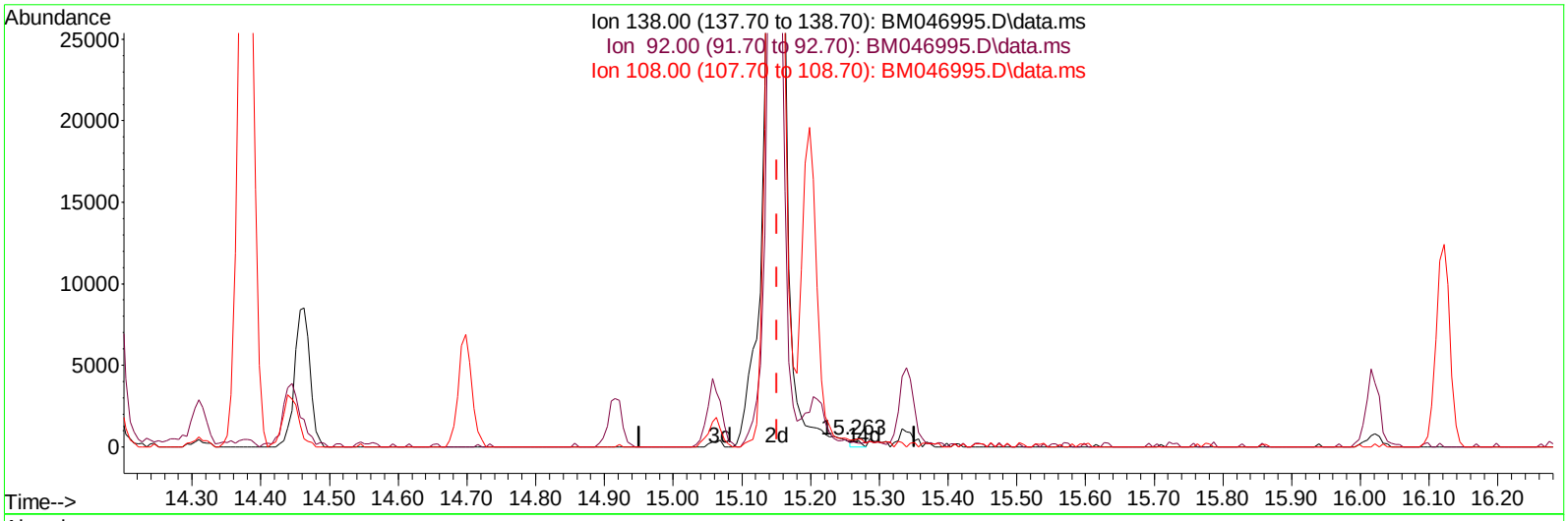

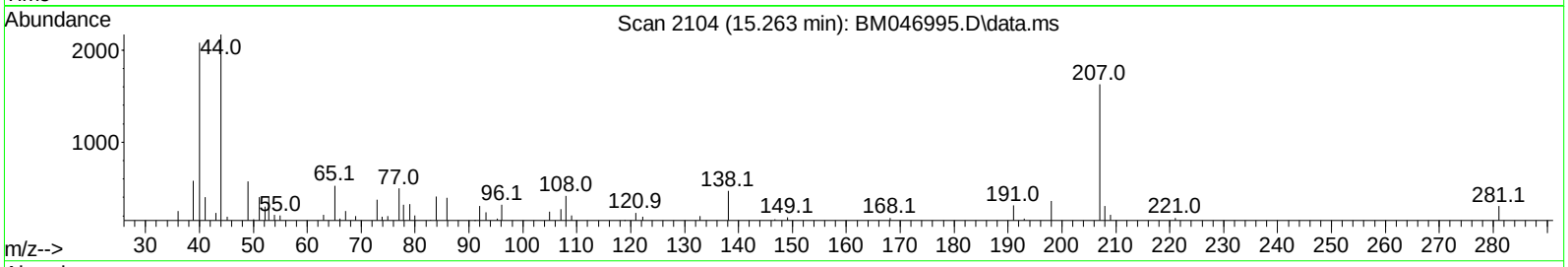

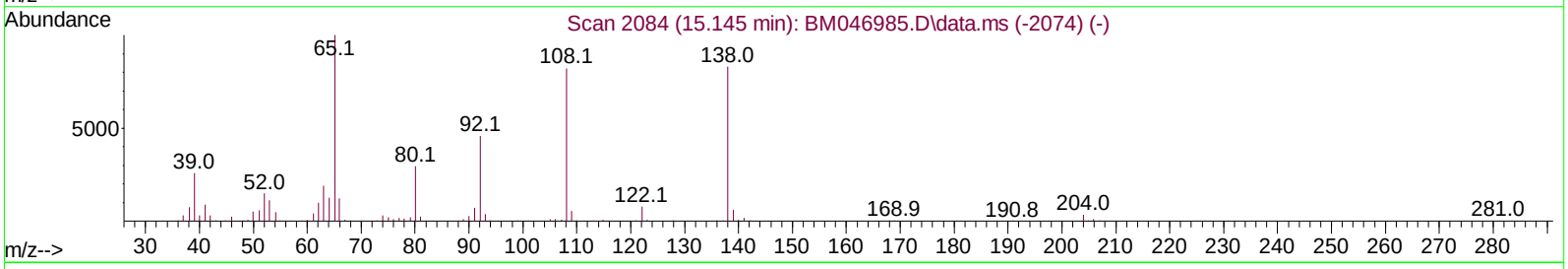

TIC: BM046995.D\data.ms

(63) 4-Nitroaniline

15.263min (+ 0.112) 0.06 ng/ul

response 383

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.60	65.46
108.00	109.10	89.34
0.00	0.00	0.00

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LabSampleId :
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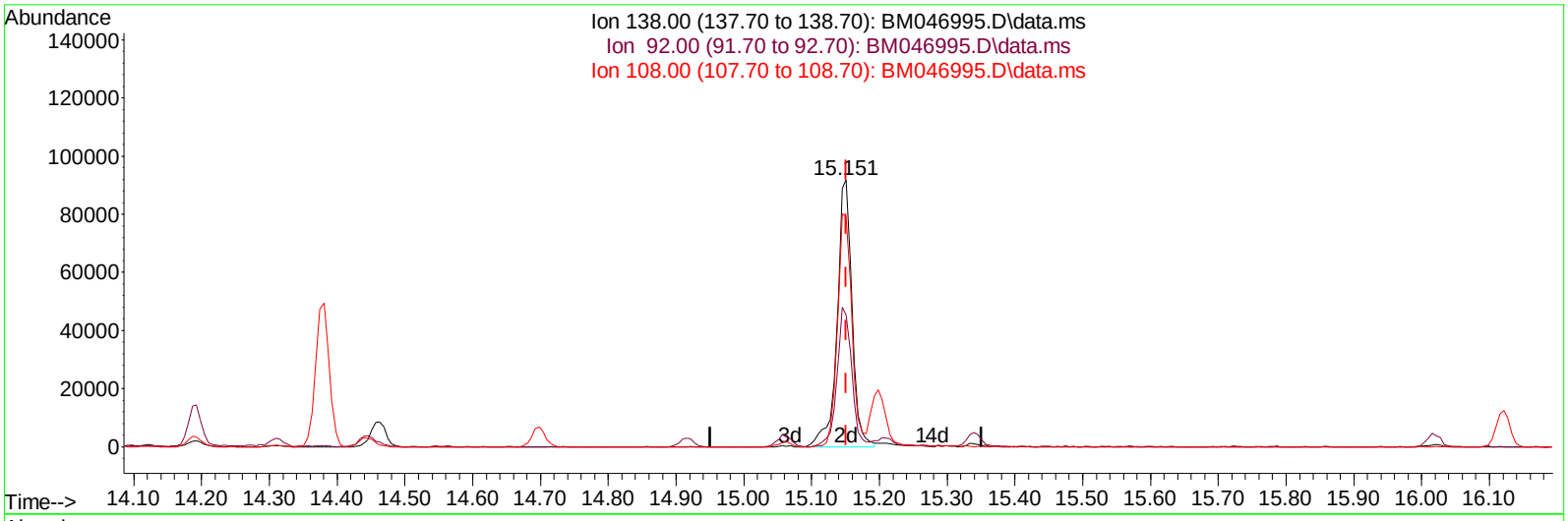

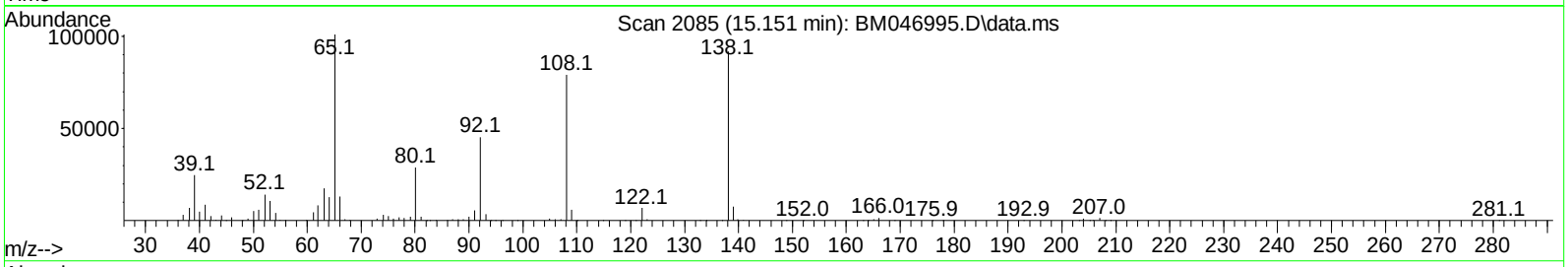

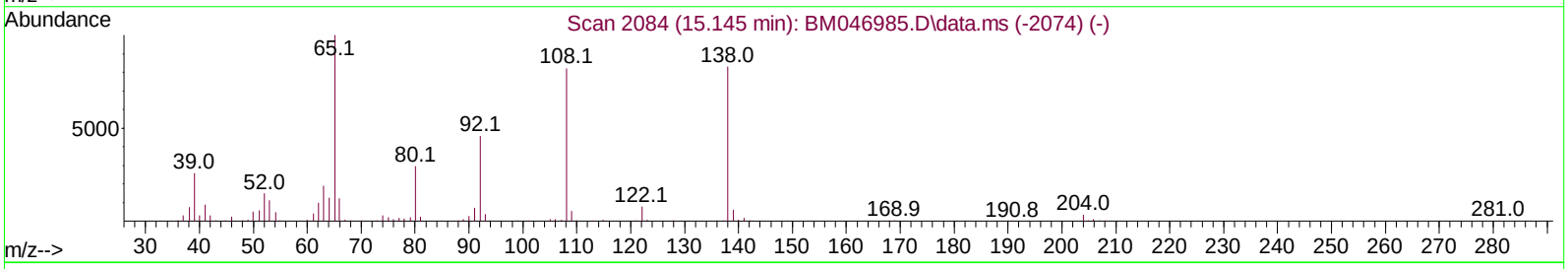

TIC: BM046995.D\data.ms

(63) 4-Nitroaniline

15.151min (+ 0.000) 21.85 ng/ul m

response 140412

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.60	49.43
108.00	109.10	86.22#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.399	152	169347	20.000	ng/ul	0.00
20) Naphthalene-d8	10.157	136	632670	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.057	164	428030	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.816	188	946895	20.000	ng/ul	0.00
79) Chrysene-d12	21.056	240	809785	20.000	ng/ul	0.00
88) Perylene-d12	23.768	264	902496	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.022	96	28138	6.583	ng/uL	0.00
4) Pyridine-d5	3.411	84	216066	18.531	ng/ul	0.00
7) Phenol-d5	6.604	99	257572	20.022	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.757	67	162592	19.209	ng/ul	0.00
11) 2-Chlorophenol-d4	6.940	132	215230	19.751	ng/ul	0.00
15) 4-Methylphenol-d8	8.122	113	214143	21.013	ng/ul	0.00
21) Nitrobenzene-d5	8.545	128	104373	20.559	ng/ul	0.00
24) 2-Nitrophenol-d4	9.257	143	121467	21.909	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.792	165	228774	21.492	ng/ul	0.00
31) 4-Chloroaniline-d4	10.304	131	293848	21.005	ng/ul	0.00
46) Dimethylphthalate-d6	13.486	166	680762	20.801	ng/ul	0.00
49) Acenaphthylene-d8	13.739	160	769152	21.054	ng/ul	0.00
54) 4-Nitrophenol-d4	14.298	143	127590	20.163	ng/ul	0.00
60) Fluorene-d10	15.063	176	567347	20.265	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.198	200	114419	19.126	ng/ul	0.00
73) Anthracene-d10	16.916	188	928577	20.686	ng/ul	0.00
81) Pyrene-d10	19.227	212	1003383	21.645	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.580	264	980103	20.624	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.052	88	31353	6.592	ng/uL	94
5) Pyridine	3.428	79	225786	19.560	ng/ul	91
6) Benzaldehyde	6.557	77	153871	20.824	ng/ul	98
8) Phenol	6.628	94	264885	20.446	ng/ul	92
10) Bis(2-Chloroethyl)ether	6.846	93	217058	19.656	ng/ul	98
12) 2-Chlorophenol	6.975	128	218804	19.819	ng/ul	98
13) 2-Methylphenol	7.857	108	204345	20.706	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	7.922	45	274258	20.726	ng/ul	99
16) Acetophenone	8.216	105	335994	20.947	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.204	70	178315	21.081	ng/ul	94
18) 4-Methylphenol	8.181	108	223436	20.954	ng/ul	98
19) Hexachloroethane	8.457	117	99365	18.477	ng/ul	88
22) Nitrobenzene	8.587	77	262982	19.389	ng/ul	95
23) Isophorone	9.110	82	484624	20.881	ng/ul	99
25) 2-Nitrophenol	9.287	139	127644	21.046	ng/ul	93
26) 2,4-Dimethylphenol	9.369	107	241846	20.230	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.598	93	290318	20.292	ng/ul	99
29) 2,4-Dichlorophenol	9.822	162	225890	21.277	ng/ul	98
30) Naphthalene	10.204	128	686049	20.481	ng/ul	99
32) 4-Chloroaniline	10.328	127	290823	21.407	ng/ul	98
33) Hexachlorobutadiene	10.498	225	150678	19.673	ng/ul	97
34) Caprolactam	11.110	113	71575m	22.263	ng/ul	
35) 4-Chloro-3-methylphenol	11.475	107	231083	21.109	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.834	142	493669	21.106	ng/ul	99
37) 1-Methylnaphthalene	12.057	142	497551	21.013	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.210	216	275557	20.527	ng/ul	96
40) Hexachlorocyclopentadiene	12.192	237	158384	17.911	ng/ul	96
41) 2,4,6-Trichlorophenol	12.469	196	188962	21.506	ng/ul	97
42) 2,4,5-Trichlorophenol	12.545	196	200377	21.122	ng/ul	97
43) 1,1'-Biphenyl	12.875	154	653389	20.404	ng/ul	98
44) 2-Chloronaphthalene	12.910	162	527405	20.740	ng/ul	98
45) 2-Nitroaniline	13.133	65	157973	20.442	ng/ul	97
47) Dimethylphthalate	13.533	163	679866	20.702	ng/ul	99
48) 2,6-Dinitrotoluene	13.645	165	138690	21.724	ng/ul	87
50) Acenaphthylene	13.775	152	808255	20.949	ng/ul	99
51) 3-Nitroaniline	13.975	138	135079	20.776	ng/ul	97
52) Acenaphthene	14.122	153	571175	20.535	ng/ul	100
53) 2,4-Dinitrophenol	14.192	184	79228	17.589	ng/ul	91
55) 4-Nitrophenol	14.310	109	111567	17.420	ng/ul	89
56) Dibenzofuran	14.463	168	791261	20.270	ng/ul	94
57) 2,4-Dinitrotoluene	14.445	165	206207	21.136	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.698	232	172879	20.499	ng/ul	93
59) Diethylphthalate	14.916	149	695163	19.677	ng/ul	98
61) Fluorene	15.116	166	648610	20.144	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.122	204	317373	20.023	ng/ul	95
63) 4-Nitroaniline	15.151	138	140412m	21.853	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.216	198	127164	19.426	ng/ul#	90
67) N-Nitrosodiphenylamine	15.339	169	566016	20.167	ng/ul	98
68) 4-Bromophenyl-phenylether	16.021	248	212955	20.778	ng/ul	90
69) Hexachlorobenzene	16.121	284	249264	20.654	ng/ul	98
70) Atrazine	16.310	200	226777	20.594	ng/ul	100
71) Pentachlorophenol	16.474	266	166229	20.345	ng/ul	99
72) Phenanthrene	16.857	178	1069954	20.158	ng/ul	100
74) Anthracene	16.951	178	1084928	20.268	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.833	216	281900	20.692	ng/uL	96
76) Pentachlorobenzene	14.380	250	277835	19.702	ng/uL	99
77) Carbazole	17.227	167	1004117	20.234	ng/ul	99
78) Di-n-butylphthalate	17.815	149	1277854	20.250	ng/ul	99
80) Fluoranthene	18.892	202	1204121	21.735	ng/ul	100
82) Pyrene	19.257	202	1273400	21.572	ng/ul	100
83) Butylbenzylphthalate	20.198	149	571640	22.156	ng/ul	99
84) 3,3'-Dichlorobenzidine	20.980	252	403221	20.312	ng/ul	98
85) Benzo(a)anthracene	21.039	228	1199887	20.288	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.003	149	814620	21.628	ng/ul	98
87) Chrysene	21.092	228	1120249	19.860	ng/ul	99
89) Di-n-octyl phthalate	22.039	149	1418670	22.282	ng/ul	100
90) Benzo(b)fluoranthene	22.921	252	1169994	20.958	ng/ul	100
91) Benzo(k)fluoranthene	22.974	252	1165377	21.124	ng/ul	98
93) Benzo(a)pyrene	23.639	252	1071426	20.601	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.780	276	1318747	19.791	ng/ul	98
95) Dibenzo(a,h)anthracene	26.833	278	1062570	19.853	ng/ul	99
96) Benzo(g,h,i)perylene	27.715	276	1022377	19.419	ng/ul	98

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

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