Quantitation Report (Qedit)

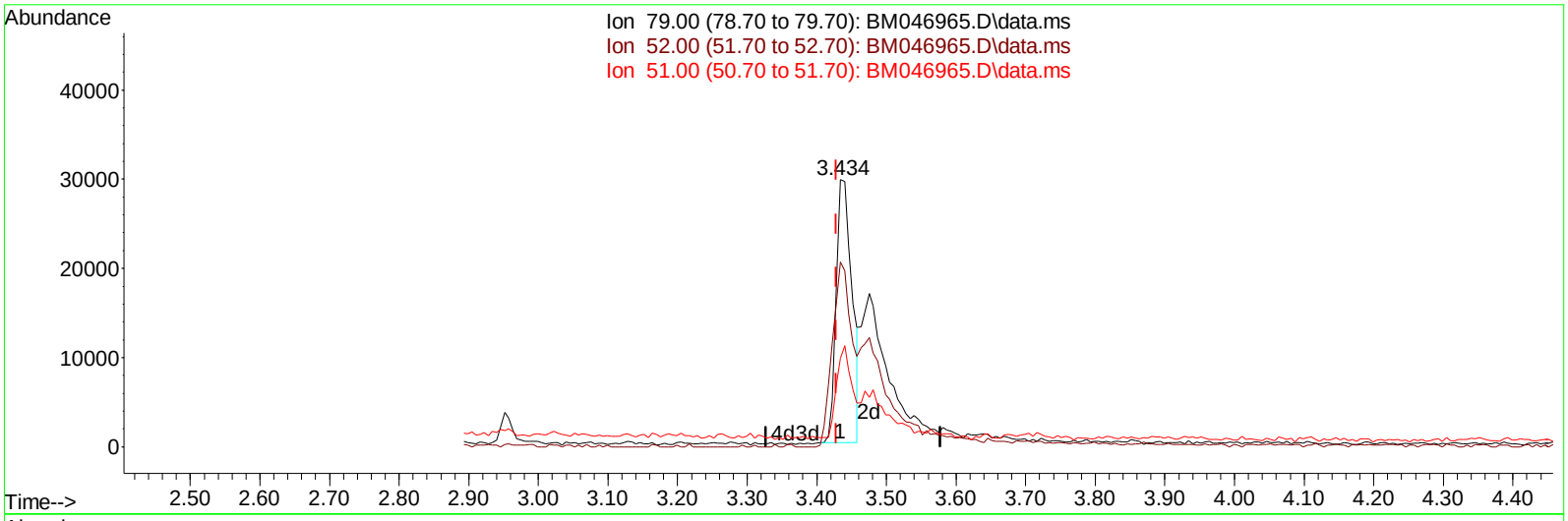
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080324\
Data File : BM046965.D
Acq On : 03 Aug 2024 14:48
Operator : MA/JU
Sample : P3276-20MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

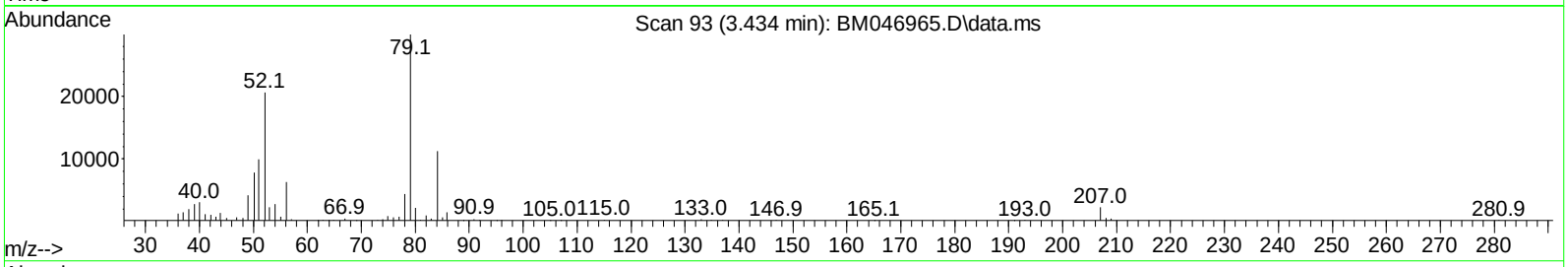
Quant Time: Aug 05 00:56:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 03 02:51:11 2024
Response via : Initial Calibration

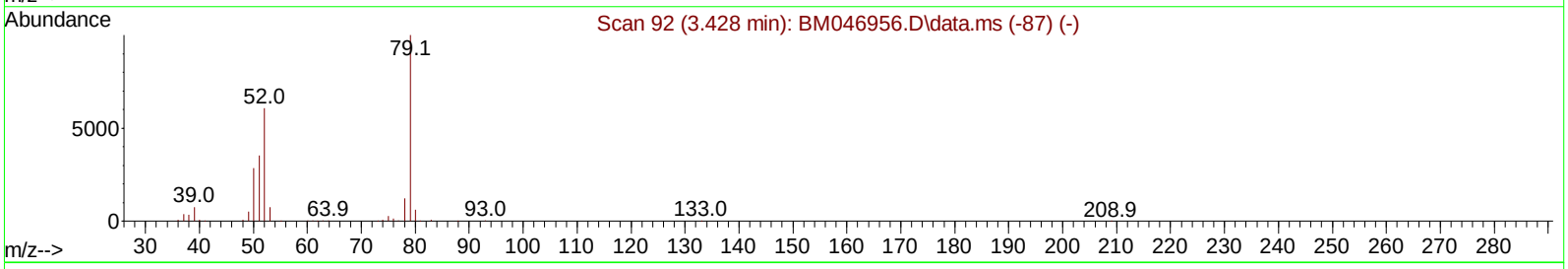
Instrument :
BNA_M
ClientSampleId :
E20J7MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024







TIC: BM046965.D\data.ms

(5) Pyridine

3.434min (+ 0.006) 3.36 ng/ul

response 47034

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	72.60	69.11
51.00	36.60	33.09
0.00	0.00	0.00

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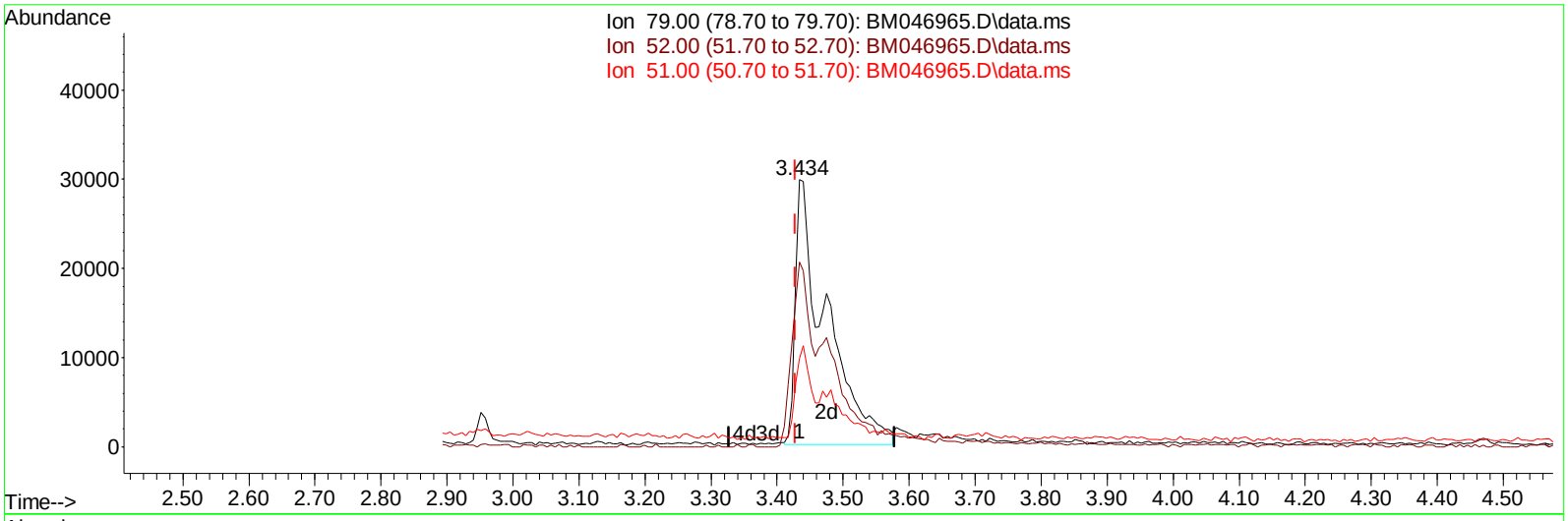

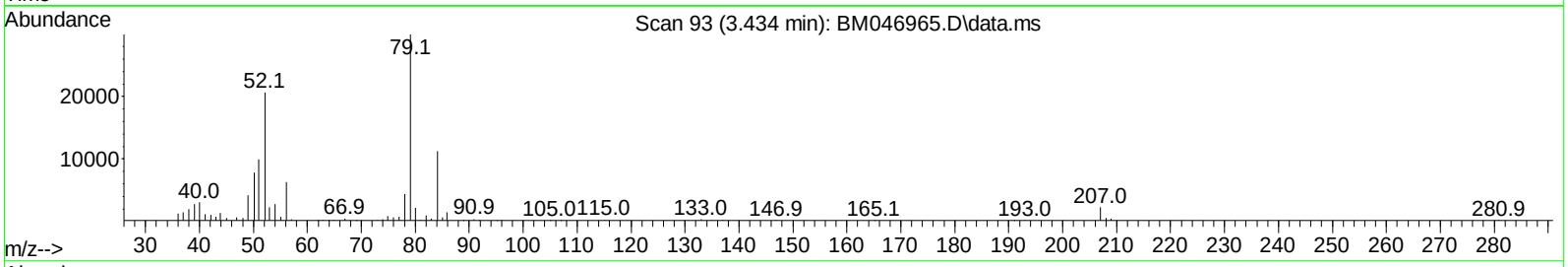

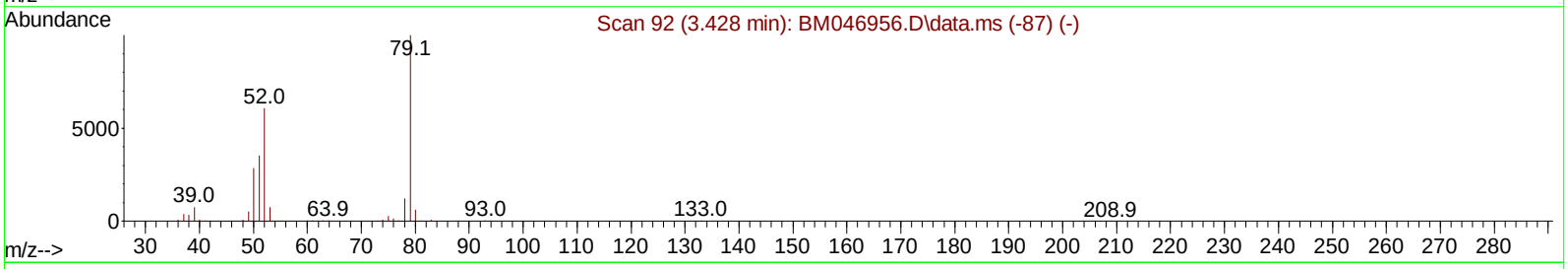

TIC: BM046965.D\data.ms

(5) Pyridine

3.434min (+ 0.006) 6.83 ng/ul m

response 95517

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	72.60	69.11
51.00	36.60	33.09
0.00	0.00	0.00

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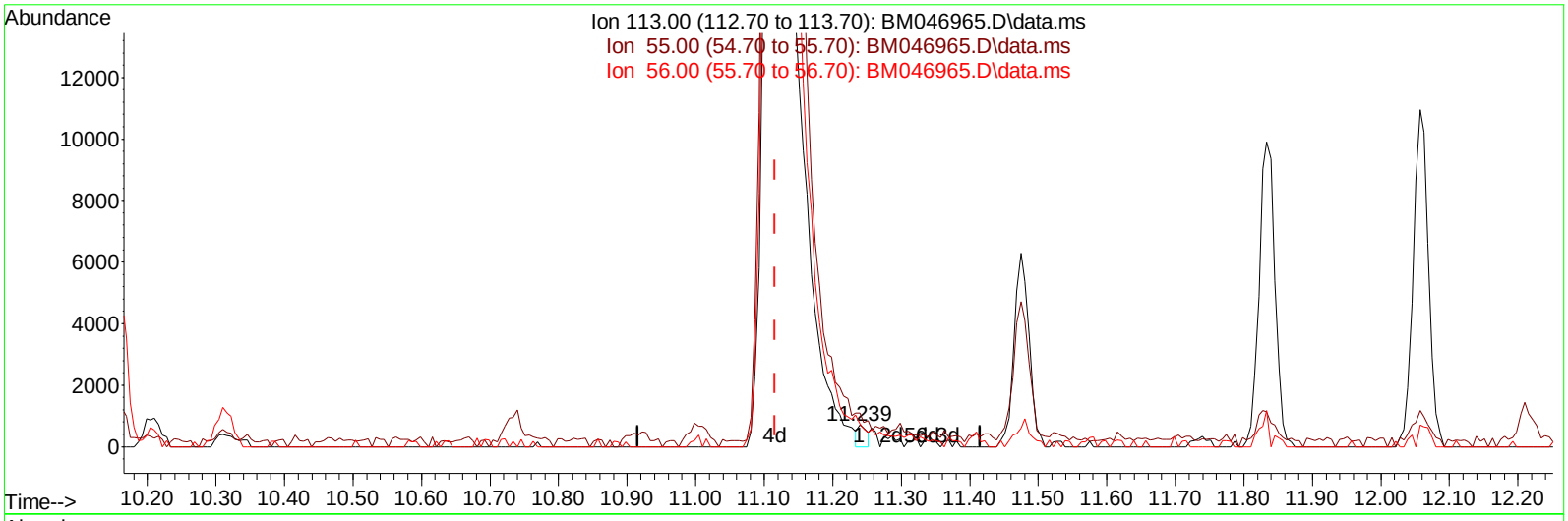

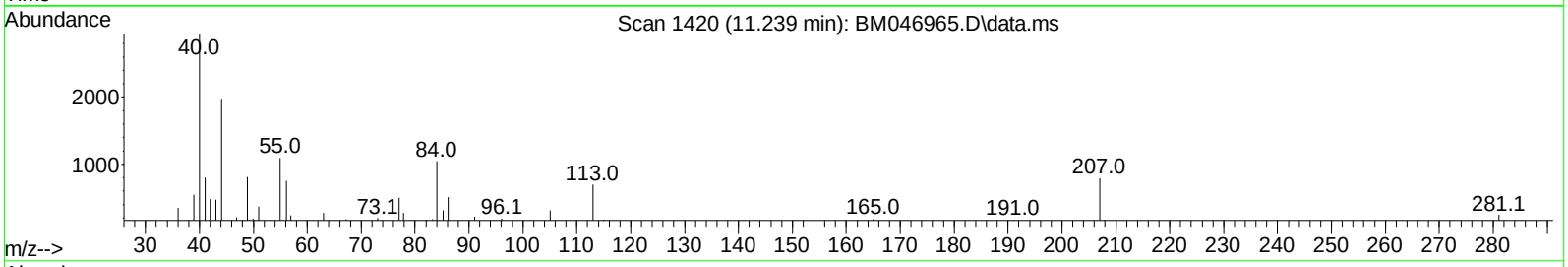

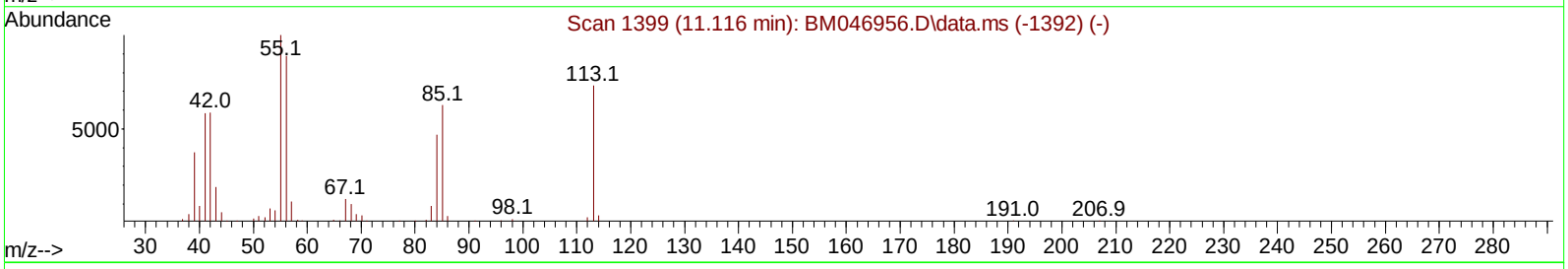

TIC: BM046965.D\data.ms

(34) Caprolactam

11.239min (+ 0.124) 0.15 ng/ul

response 629

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.90	157.39
56.00	118.20	108.61
0.00	0.00	0.00

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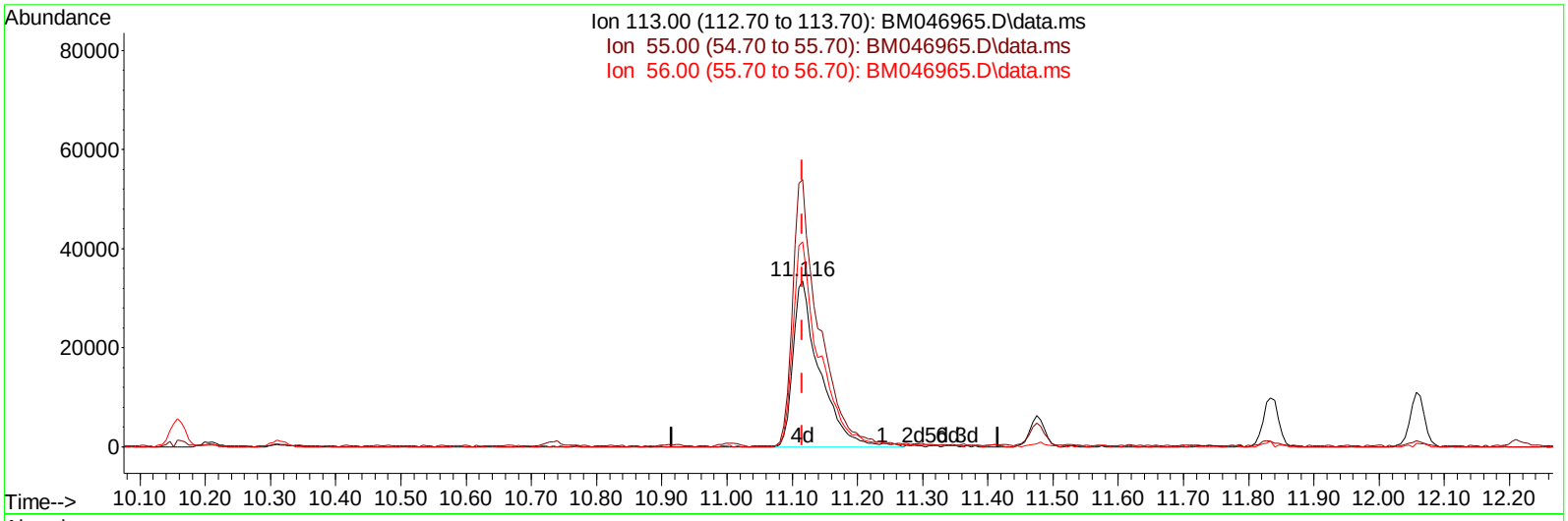

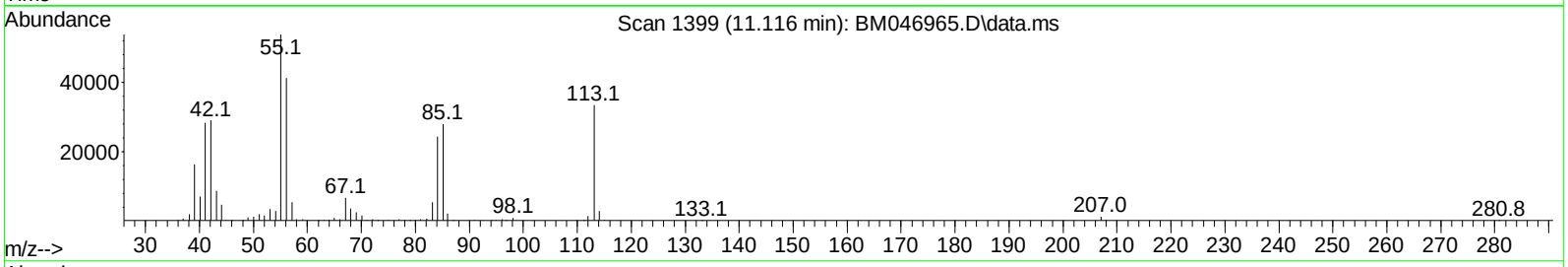

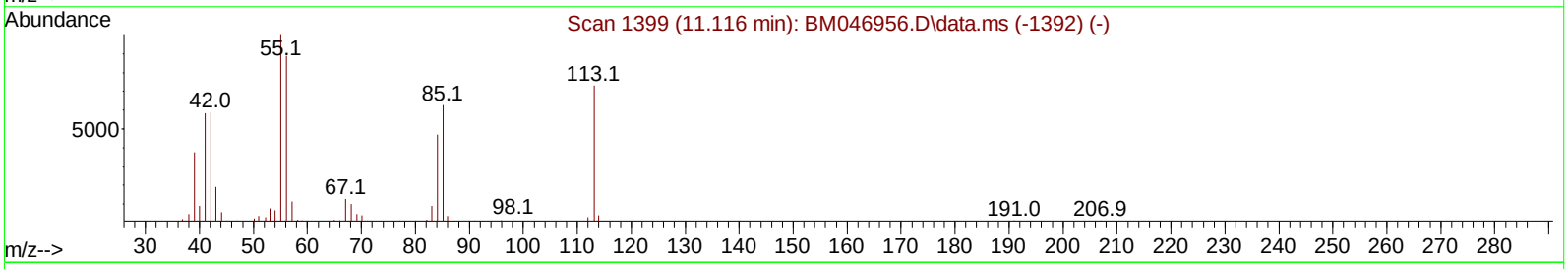

TIC: BM046965.D\data.ms

(34) Caprolactam

11.116min (+ 0.000) 23.09 ng/ul m

response 95163

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.90	161.19#
56.00	118.20	123.58
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/05/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.399	152	205156	20.000	ng/ul	0.00
20) Naphthalene-d8	10.157	136	811018	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.057	164	523299	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.816	188	1107182	20.000	ng/ul	0.00
79) Chrysene-d12	21.056	240	929215	20.000	ng/ul	0.00
88) Perylene-d12	23.774	264	1093657	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.022	96	13405	2.589	ng/uL	0.00
4) Pyridine-d5	3.422	84	35610	2.521	ng/ul	0.01
7) Phenol-d5	6.604	99	258285	16.573	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.757	67	164735	16.065	ng/ul	0.00
11) 2-Chlorophenol-d4	6.946	132	210971	15.981	ng/ul	0.00
15) 4-Methylphenol-d8	8.122	113	199127	16.129	ng/ul	0.00
21) Nitrobenzene-d5	8.545	128	102756	15.789	ng/ul	0.00
24) 2-Nitrophenol-d4	9.257	143	111512	15.690	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.792	165	218973	16.048	ng/ul	0.00
31) 4-Chloroaniline-d4	10.316	131	195150	10.882	ng/ul	0.00
46) Dimethylphthalate-d6	13.486	166	683128	17.073	ng/ul	0.00
49) Acenaphthylene-d8	13.745	160	766831	17.169	ng/ul	0.00
54) 4-Nitrophenol-d4	14.298	143	71561	9.250	ng/ul	0.00
60) Fluorene-d10	15.063	176	587408	17.162	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.198	200	59556	8.514	ng/ul	0.00
73) Anthracene-d10	16.916	188	924657	17.617	ng/ul	0.00
81) Pyrene-d10	19.227	212	846666	15.917	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.586	264	619433	10.756	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.052	88	39777	6.903	ng/uL	99
5) Pyridine	3.434	79	95517m	6.830	ng/ul	
6) Benzaldehyde	6.557	77	180126	20.122	ng/ul	97
8) Phenol	6.634	94	366157	23.330	ng/ul	93
10) Bis(2-Chloroethyl)ether	6.846	93	290772	21.736	ng/ul	99
12) 2-Chlorophenol	6.975	128	293685	21.959	ng/ul	98
13) 2-Methylphenol	7.857	108	254009	21.246	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	7.928	45	366462	22.860	ng/ul	100
16) Acetophenone	8.216	105	452632	23.293	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.210	70	229574	22.404	ng/ul	97
18) 4-Methylphenol	8.187	108	287486	22.255	ng/ul	99
19) Hexachloroethane	8.457	117	87500	13.431	ng/ul	91
22) Nitrobenzene	8.587	77	347571	19.990	ng/ul	96
23) Isophorone	9.116	82	650262	21.857	ng/ul	99
25) 2-Nitrophenol	9.287	139	166362	21.398	ng/ul	92
26) 2,4-Dimethylphenol	9.369	107	192538	12.564	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.598	93	385491	21.019	ng/ul	100
29) 2,4-Dichlorophenol	9.822	162	295038	21.679	ng/ul	98
30) Naphthalene	10.210	128	904396	21.062	ng/ul	100
32) 4-Chloroaniline	10.334	127	228689	13.132	ng/ul	100
33) Hexachlorobutadiene	10.498	225	342070	34.840	ng/ul	98
34) Caprolactam	11.116	113	95163m	23.091	ng/ul	
35) 4-Chloro-3-methylphenol	11.475	107	303731	21.644	ng/ul	99

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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	648996	21.645	ng/ul	98
37) 1-Methylnaphthalene	12.057	142	656399	21.626	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.216	216	342303	20.857	ng/ul	98
40) Hexachlorocyclopentadiene	12.192	237	169760	15.703	ng/ul	96
41) 2,4,6-Trichlorophenol	12.475	196	237050	22.067	ng/ul	97
42) 2,4,5-Trichlorophenol	12.545	196	256071	22.079	ng/ul	98
43) 1,1'-Biphenyl	12.881	154	868512	22.184	ng/ul	99
44) 2-Chloronaphthalene	12.916	162	682148	21.941	ng/ul	98
45) 2-Nitroaniline	13.133	65	211715	22.409	ng/ul	97
47) Dimethylphthalate	13.533	163	872417	21.729	ng/ul	100
48) 2,6-Dinitrotoluene	13.651	165	177372	22.725	ng/ul	86
50) Acenaphthylene	13.775	152	1073700	22.763	ng/ul	99
51) 3-Nitroaniline	13.975	138	172482	21.699	ng/ul	99
52) Acenaphthene	14.122	153	719877	21.169	ng/ul	99
53) 2,4-Dinitrophenol	14.192	184	101922	18.507	ng/ul	90
55) 4-Nitrophenol	14.310	109	148299	18.940	ng/ul	85
56) Dibenzofuran	14.463	168	1038906	21.768	ng/ul	94
57) 2,4-Dinitrotoluene	14.445	165	269346	22.582	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.698	232	210001	20.368	ng/ul#	95
59) Diethylphthalate	14.916	149	904976	20.953	ng/ul	98
61) Fluorene	15.116	166	858500	21.809	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.122	204	402884	20.790	ng/ul	96
63) 4-Nitroaniline	15.151	138	185040	23.556	ng/ul	84
66) 4,6-Dinitro-2-methylph...	15.216	198	164490	21.490	ng/ul	93
67) N-Nitrosodiphenylamine	15.339	169	736648	22.447	ng/ul	98
68) 4-Bromophenyl-phenylether	16.021	248	267077	22.286	ng/ul	93
69) Hexachlorobenzene	16.127	284	226713	16.066	ng/ul	96
70) Atrazine	16.310	200	182177	14.149	ng/ul	98
71) Pentachlorophenol	16.474	266	167919	17.576	ng/ul	99
72) Phenanthrene	16.863	178	1416108	22.817	ng/ul	100
74) Anthracene	16.951	178	1378969	22.032	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.833	216	325039	20.404	ng/uL	96
76) Pentachlorobenzene	14.380	250	325680	19.751	ng/uL	99
77) Carbazole	17.227	167	1127863	19.437	ng/ul	100
78) Di-n-butylphthalate	17.821	149	1643958	22.280	ng/ul	99
80) Fluoranthene	18.892	202	1668676	26.249	ng/ul	100
82) Pyrene	19.262	202	1268896	18.733	ng/ul	99
83) Butylbenzylphthalate	20.198	149	761869	25.734	ng/ul	94
84) 3,3'-Dichlorobenzidine	20.980	252	285821	12.547	ng/ul	99
85) Benzo(a)anthracene	21.039	228	1611859	23.751	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.003	149	1095320	25.342	ng/ul	98
87) Chrysene	21.098	228	1499690	23.170	ng/ul	99
89) Di-n-octyl phthalate	22.045	149	1894450	24.554	ng/ul	100
90) Benzo(b)fluoranthene	22.921	252	1596211	23.595	ng/ul	98
91) Benzo(k)fluoranthene	22.980	252	1581222	23.652	ng/ul	99
93) Benzo(a)pyrene	23.645	252	628999	9.980	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.780	276	1295438	16.043	ng/ul	99
95) Dibenzo(a,h)anthracene	26.844	278	1519808	23.432	ng/ul	98
96) Benzo(g,h,i)perylene	27.709	276	127169	1.993	ng/ul	99

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

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