Quantitation Report (Qedit)

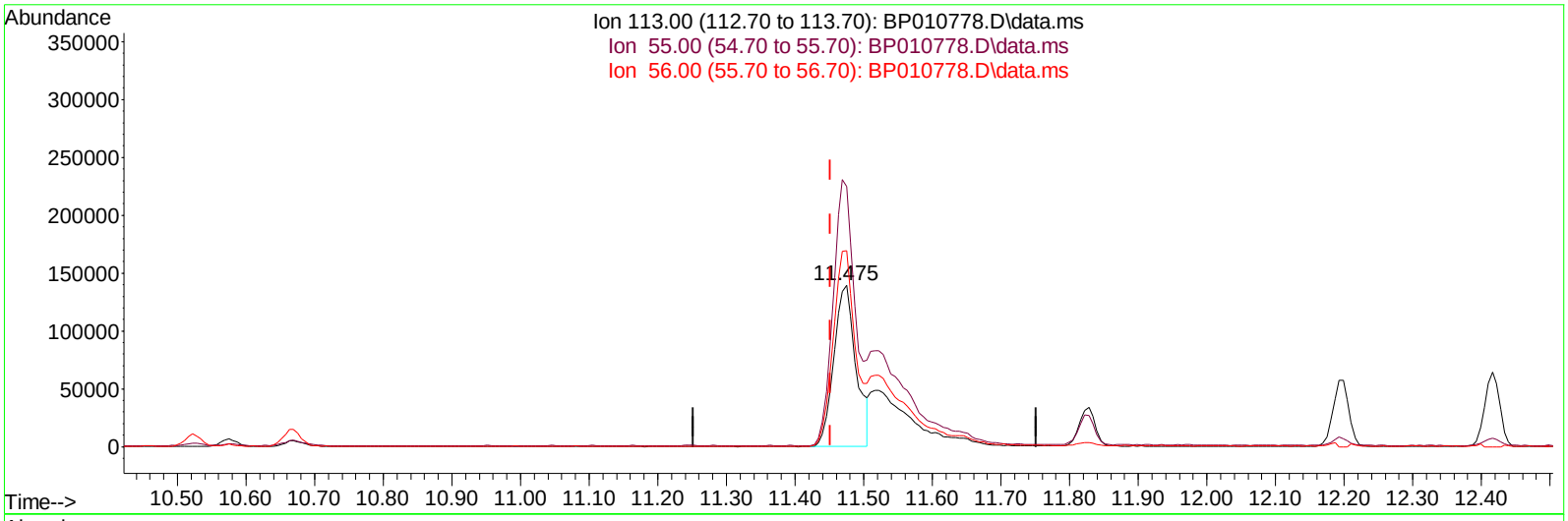
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062322\
Data File : BP010778.D
Acq On : 23 Jun 2022 17:12
Operator : CG/JU
Sample : SSTD08014
Misc :
ALS Vial : 6 Sample Multiplier: 1

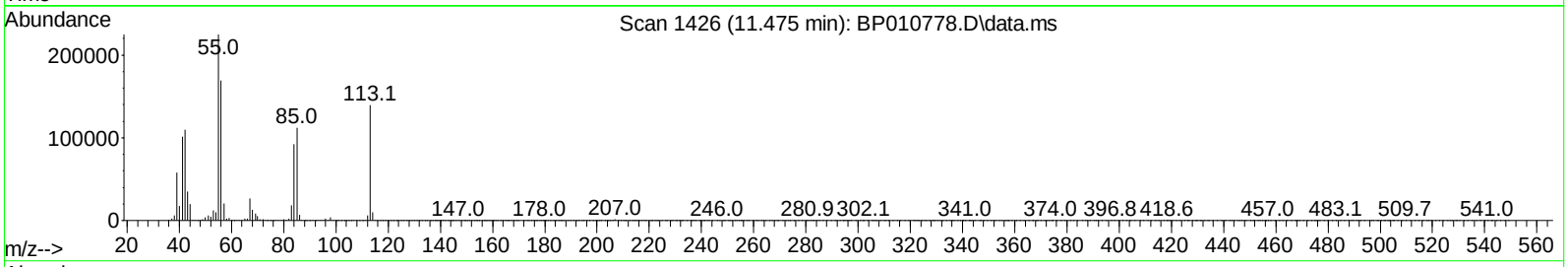
Quant Time: Jun 23 18:10:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 23 17:53:52 2022
Response via : Initial Calibration

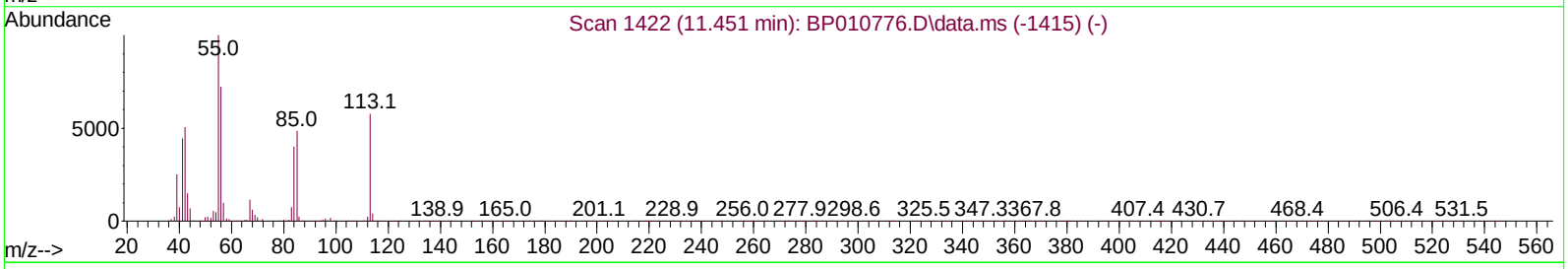
Instrument :
BNA_P
ClientSampleId :
SSTD080614

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/29/2022
Supervised By :mohammad ahmed 07/01/2022







TIC: BP010778.D\data.ms

(34) Caprolactam

11.475min (+ 0.024) 52.55 ng/ul

response 313056

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.30	161.07
56.00	137.80	121.50
0.00	0.00	0.00

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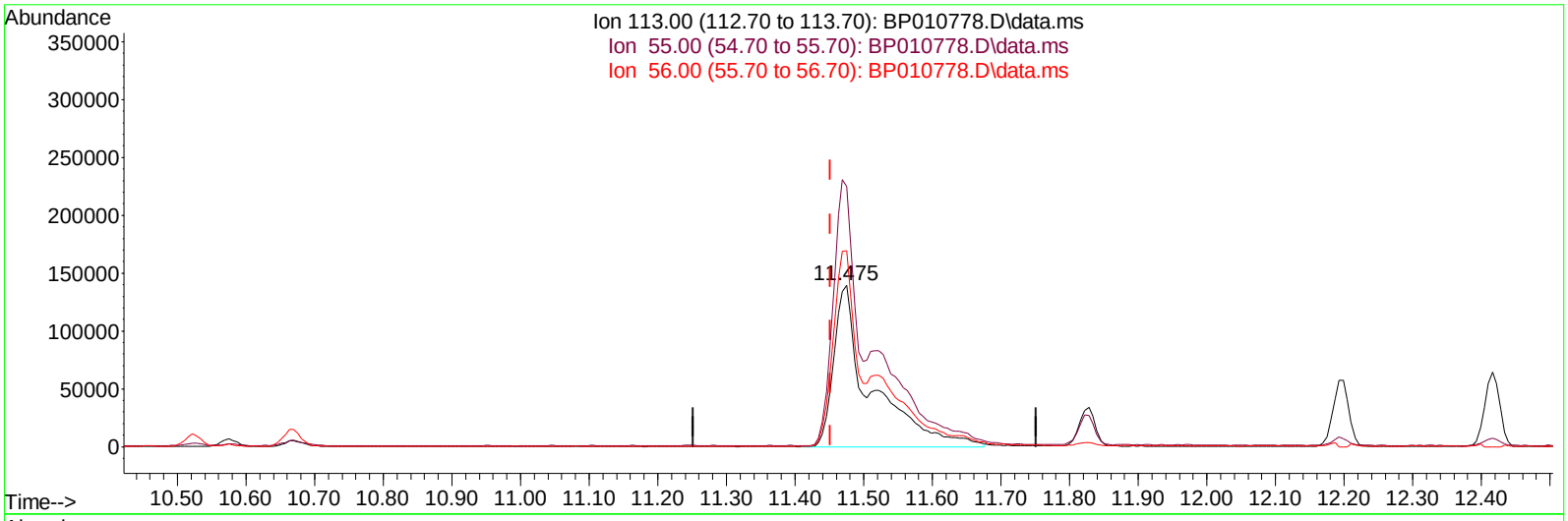

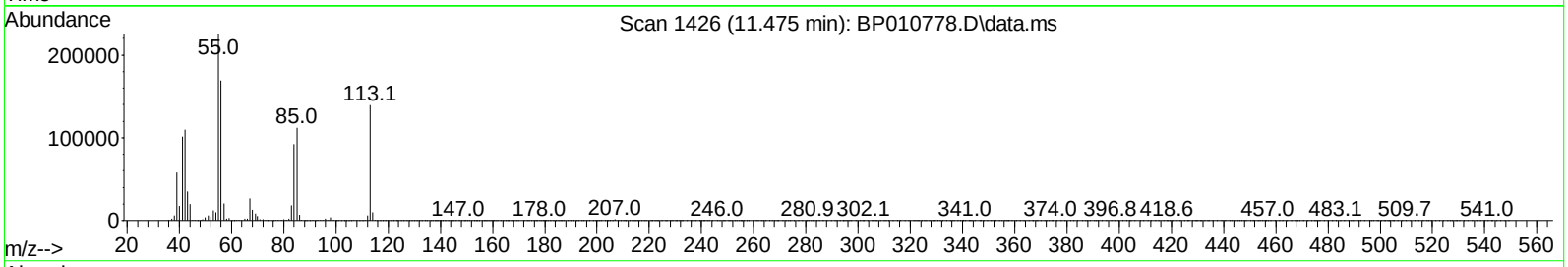

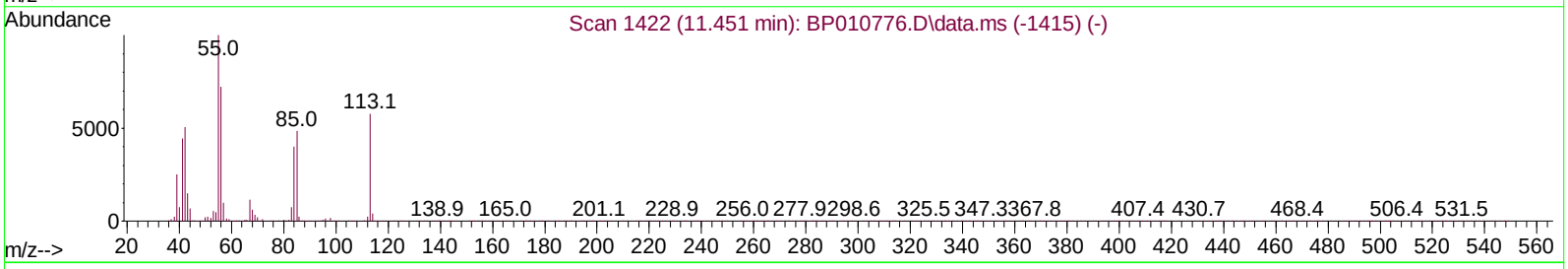

TIC: BP010778.D\data.ms

(34) Caprolactam

11.475min (+ 0.024) 87.63 ng/ul m

response 522052

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.30	161.07
56.00	137.80	121.50
0.00	0.00	0.00

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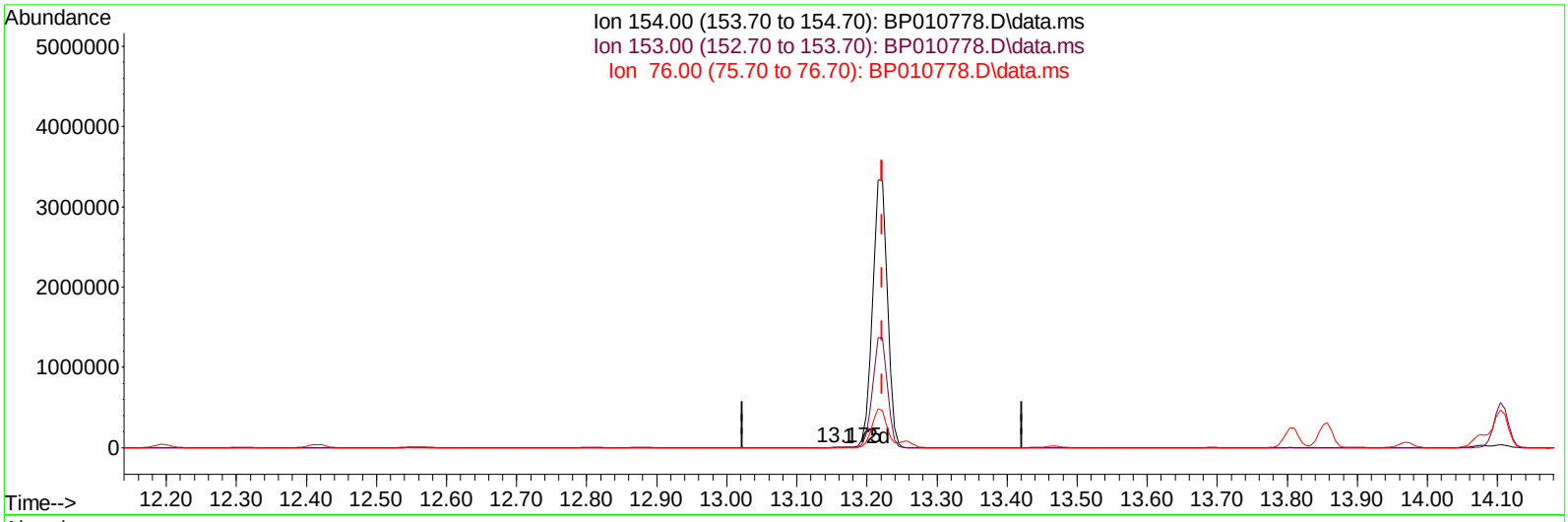

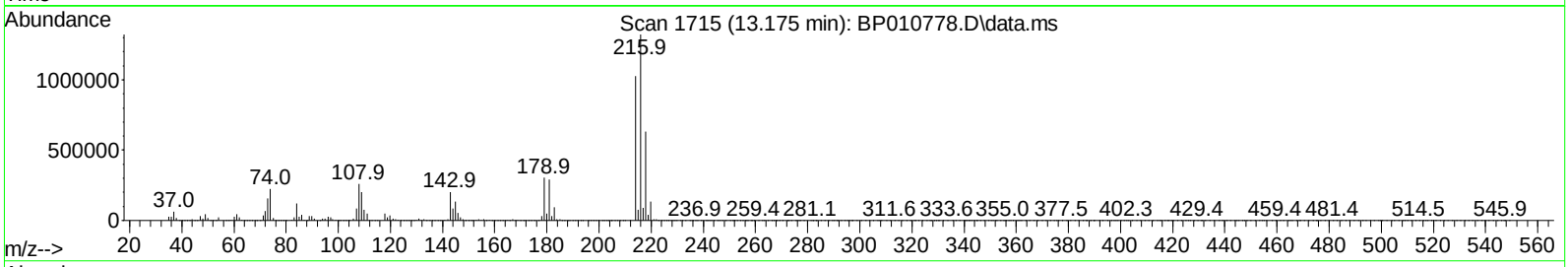

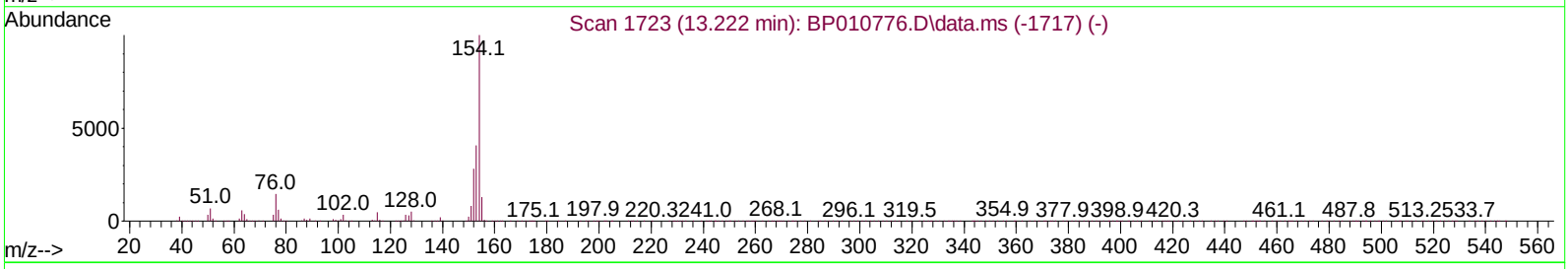

TIC: BP010778.D\data.ms

(43) 1,1'-Biphenyl

13.175min (-0.047) 0.20 ng/ul

response 11630

Ion	Exp%	Act%
154.00	100.00	100.00
153.00	39.90	31.92
76.00	11.50	12.31
0.00	0.00	0.00

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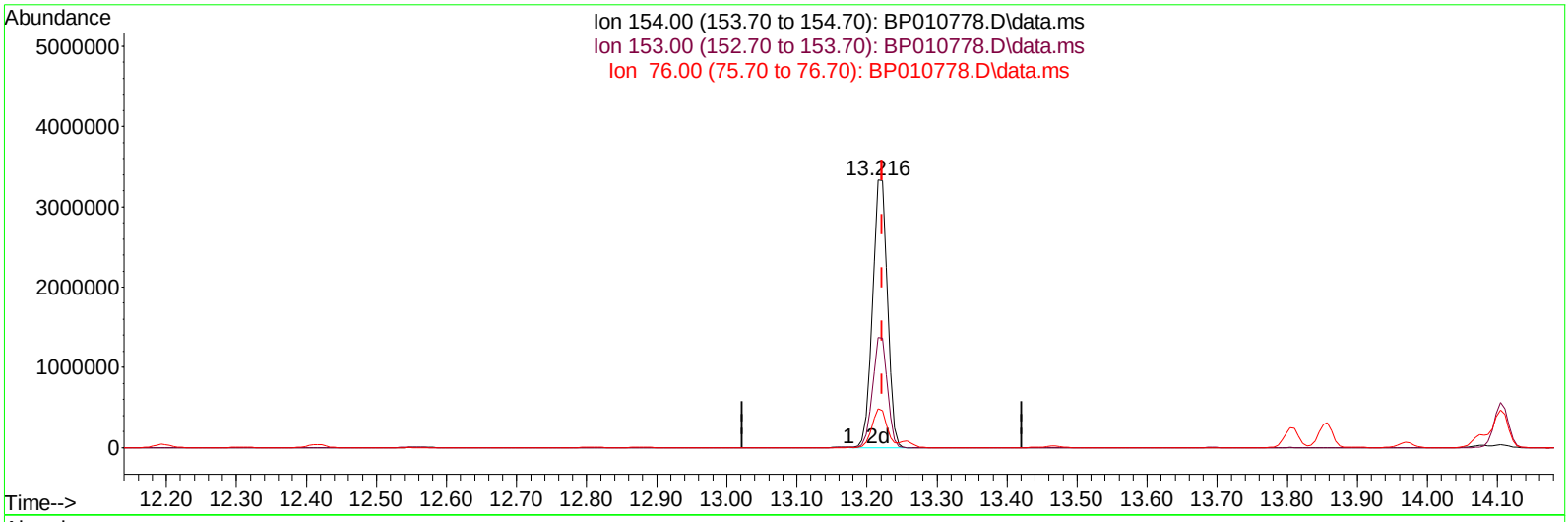

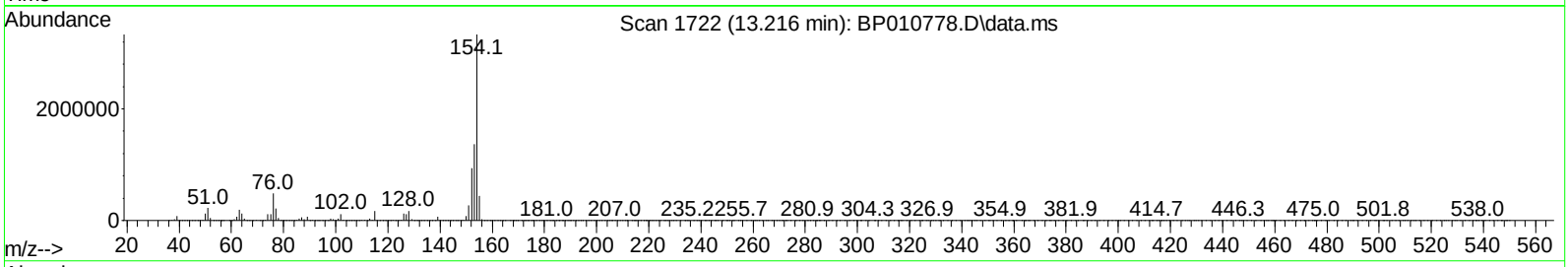

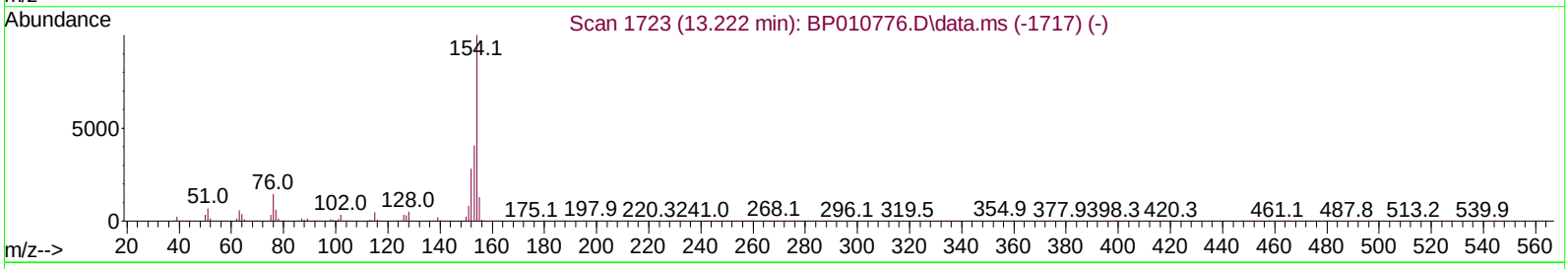

TIC: BP010778.D\data.ms

(43) 1,1'-Biphenyl

13.216min (-0.006) 86.02 ng/ul m

response 4959691

Ion	Exp%	Act%
154.00	100.00	100.00
153.00	39.90	41.12
76.00	11.50	14.52#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/29/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	382741	20.000	ng/ul	0.00
20) Naphthalene-d8	10.522	136	1484351	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.381	164	754659	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.145	188	1338825	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.263	240	1156559	20.000	ng/ul	# 0.00
88) Perylene-d12	23.633	264	1375432	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	341166	35.548	ng/uL	0.00
4) Pyridine-d5	3.605	84	2214894	87.812	ng/ul	0.00
7) Phenol-d5	6.899	99	2524019	87.596	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	1614246	87.930	ng/ul	0.00
11) 2-Chlorophenol-d4	7.258	132	2124625	90.333	ng/ul	0.00
15) 4-Methylphenol-d8	8.446	113	1978185	87.973	ng/ul	0.00
21) Nitrobenzene-d5	8.893	128	924683	117.801	ng/ul	0.00
24) 2-Nitrophenol-d4	9.610	143	851764	137.183	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.146	165	1701817	88.317	ng/ul	0.00
31) 4-Chloroaniline-d4	10.669	131	2556635	82.236	ng/ul	0.00
46) Dimethylphthalate-d6	13.810	166	4221761	83.883	ng/ul	0.00
49) Acenaphthylene-d8	14.075	160	5495376	84.252	ng/ul	0.00
54) 4-Nitrophenol-d4	14.592	143	719125	106.543	ng/ul	0.00
60) Fluorene-d10	15.387	176	3584210	79.691	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	436872	118.980	ng/ul	0.00
73) Anthracene-d10	17.251	188	4919310	82.216	ng/ul	0.00
81) Pyrene-d10	19.498	212	5135571	87.403	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.486	264	5887065	86.583	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	356831	35.811	ng/uL#	86
5) Pyridine	3.628	79	2239856	86.735	ng/ul#	71
6) Benzaldehyde	6.869	77	1129208	78.487	ng/ul	95
8) Phenol	6.928	94	2669175	86.959	ng/ul#	85
10) Bis(2-Chloroethyl)ether	7.163	93	2115980	86.083	ng/ul	89
12) 2-Chlorophenol	7.293	128	2163358	88.207	ng/ul	92
13) 2-Methylphenol	8.175	108	1991998	86.878	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.269	45	2807621	85.536	ng/ul#	97
16) Acetophenone	8.557	105	2928601	83.832	ng/ul#	87
17) N-Nitroso-di-n-propyla...	8.557	70	1448970	85.350	ng/ul	87
18) 4-Methylphenol	8.510	108	2058811	87.105	ng/ul	98
19) Hexachloroethane	8.805	117	876188	88.961	ng/ul#	84
22) Nitrobenzene	8.934	77	2127611	106.706	ng/ul	91
23) Isophorone	9.463	82	4059087	86.034	ng/ul	97
25) 2-Nitrophenol	9.640	139	990924	129.010	ng/ul#	80
26) 2,4-Dimethylphenol	9.710	107	2148450	87.285	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.952	93	2579420	86.198	ng/ul	98
29) 2,4-Dichlorophenol	10.175	162	1709632	85.629	ng/ul	98
30) Naphthalene	10.575	128	6311624	83.213	ng/ul	99
32) 4-Chloroaniline	10.693	127	2528277	82.598	ng/ul	100
33) Hexachlorobutadiene	10.863	225	1083588	75.752	ng/ul	96
34) Caprolactam	11.475	113	522052m	87.632	ng/ul	
35) 4-Chloro-3-methylphenol	11.828	107	1834042	92.823	ng/ul	95

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.198	142	4054115	81.128	ng/ul	98
37) 1-Methylnaphthalene	12.416	142	4017372	80.709	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.563	216	1865760	80.932	ng/ul	99
40) Hexachlorocyclopentadiene	12.546	237	1242964	88.308	ng/ul	96
41) 2,4,6-Trichlorophenol	12.810	196	1158585	96.195	ng/ul	98
42) 2,4,5-Trichlorophenol	12.875	196	1238727	97.315	ng/ul	99
43) 1,1'-Biphenyl	13.216	154	4959691m	86.023	ng/ul	
44) 2-Chloronaphthalene	13.257	162	3752110	84.805	ng/ul	98
45) 2-Nitroaniline	13.463	65	990685	153.685	ng/ul#	80
47) Dimethylphthalate	13.857	163	4180170	83.158	ng/ul	99
48) 2,6-Dinitrotoluene	13.969	165	818969	141.039	ng/ul	91
50) Acenaphthylene	14.104	152	5899300	83.736	ng/ul	99
51) 3-Nitroaniline	14.298	138	810495	109.898	ng/ul	87
52) Acenaphthene	14.451	153	3817807	83.981	ng/ul	98
53) 2,4-Dinitrophenol	14.498	184	282921	114.398	ng/ul#	80
55) 4-Nitrophenol	14.610	109	546684	102.746	ng/ul#	78
56) Dibenzofuran	14.787	168	5106026	79.942	ng/ul	98
57) 2,4-Dinitrotoluene	14.757	165	1073785	135.162	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.010	232	877278	96.999	ng/ul	91
59) Diethylphthalate	15.234	149	4152086	85.774	ng/ul	98
61) Fluorene	15.439	166	3987970	78.409	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.445	204	1871836	74.829	ng/ul	97
63) 4-Nitroaniline	15.469	138	707871	101.829	ng/ul#	76
66) 4,6-Dinitro-2-methylph...	15.522	198	470962	117.854	ng/ul#	93
67) N-Nitrosodiphenylamine	15.657	169	3408120	87.073	ng/ul	98
68) 4-Bromophenyl-phenylether	16.345	248	1154064	83.250	ng/ul	97
69) Hexachlorobenzene	16.445	284	1297693	79.845	ng/ul	99
70) Atrazine	16.628	200	1122207	83.995	ng/ul	98
71) Pentachlorophenol	16.792	266	724034	96.706	ng/ul	96
72) Phenanthrene	17.192	178	5809495	82.807	ng/ul	98
74) Anthracene	17.286	178	5832116	82.695	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.175	216	1946257	86.476	ng/uL	97
76) Pentachlorobenzene	14.704	250	1651620	84.211	ng/uL	99
77) Carbazole	17.557	167	5199519	83.622	ng/ul	99
78) Di-n-butylphthalate	18.133	149	6432260	91.503	ng/ul	98
80) Fluoranthene	19.175	202	6187170	86.898	ng/ul#	89
82) Pyrene	19.528	202	6158604	85.210	ng/ul#	84
83) Butylbenzylphthalate	20.427	149	2689701	116.844	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.186	252	2057686	88.668	ng/ul#	98
85) Benzo(a)anthracene	21.245	228	6028348	84.869	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.198	149	4040318	104.394	ng/ul#	97
87) Chrysene	21.298	228	5719898	83.512	ng/ul	98
89) Di-n-octyl phthalate	22.127	149	7135906	102.261	ng/ul	100
90) Benzo(b)fluoranthene	22.916	252	7105388	84.441	ng/ul#	95
91) Benzo(k)fluoranthene	22.968	252	6704535	85.079	ng/ul#	95
93) Benzo(a)pyrene	23.539	252	7047487	85.256	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.115	276	9007350	88.407	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.151	278	7631364	87.602	ng/ul#	93
96) Benzo(g,h,i)perylene	26.880	276	7659453	88.562	ng/ul#	89

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

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