Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101821\
Data File : BP007518.D
Acq On : 20 Oct 2021 08:54
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 73 Sample Multiplier: 1

Quant Time: Oct 20 10:50:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 20 10:49:33 2021
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
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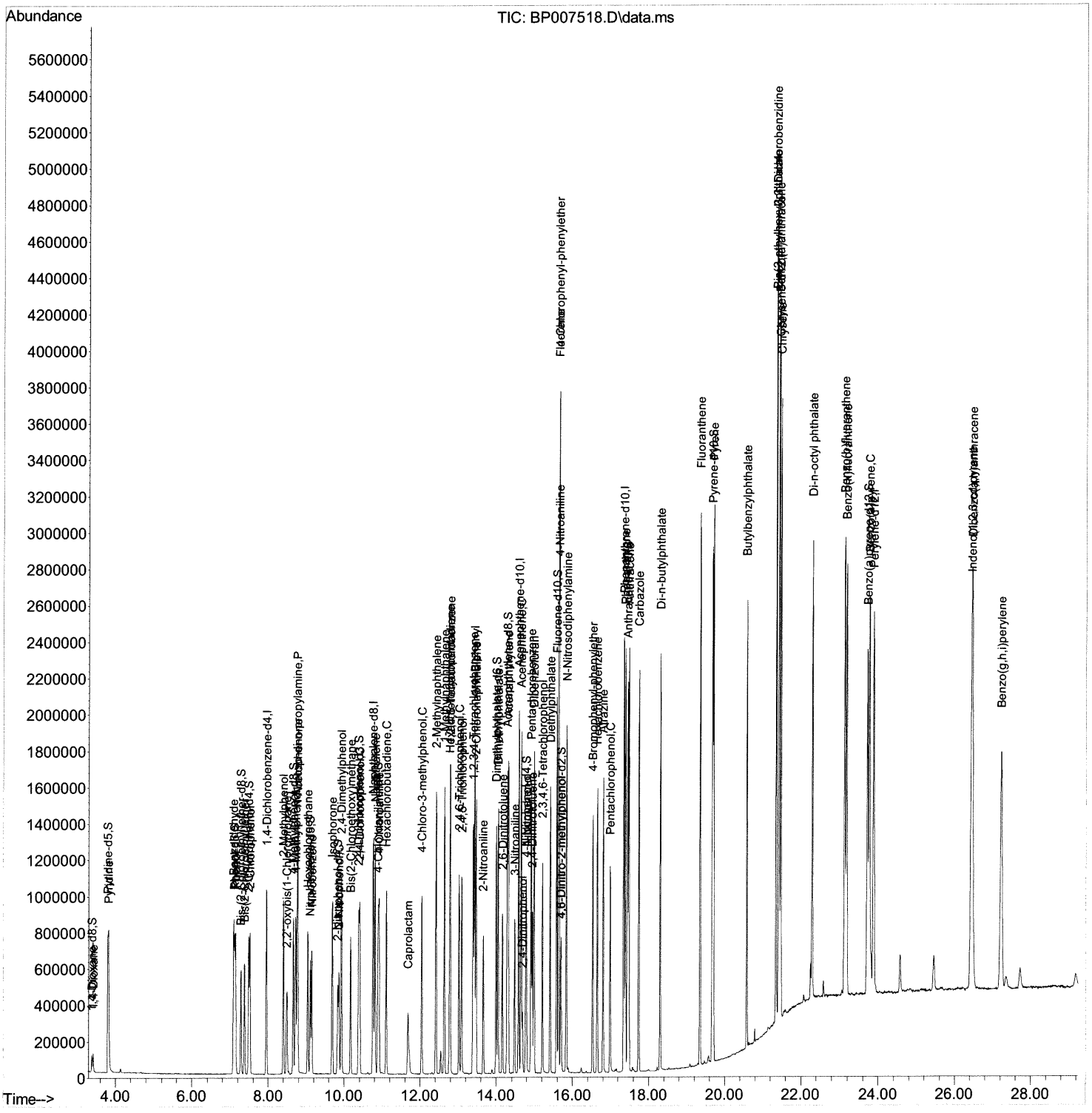

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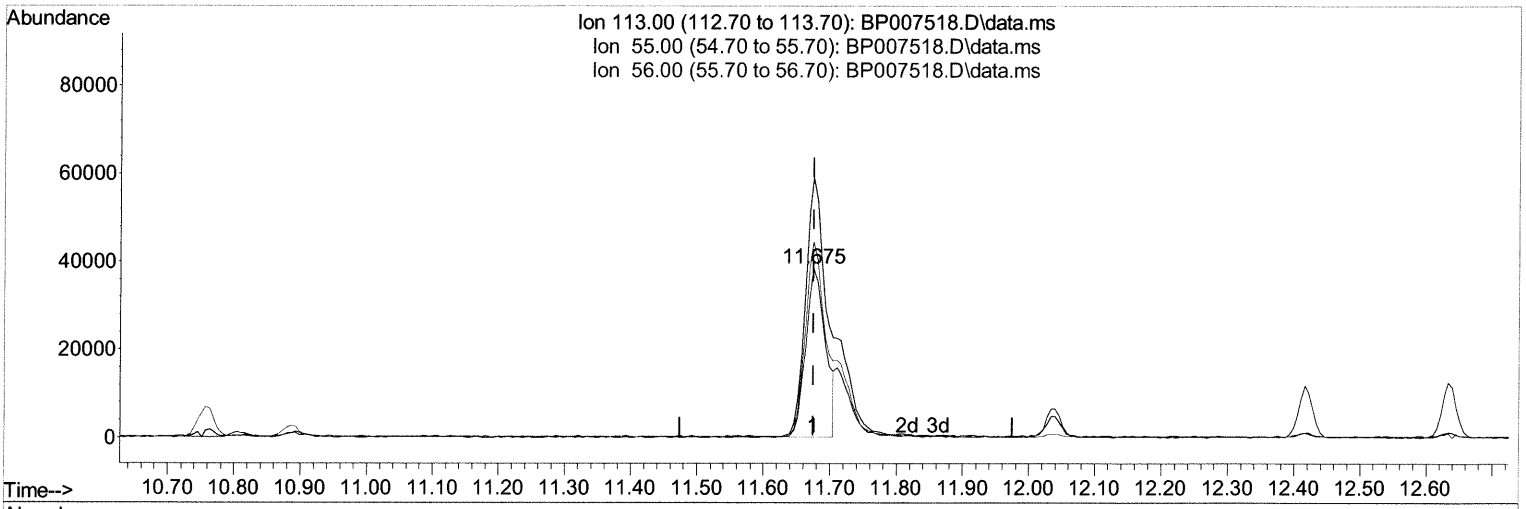

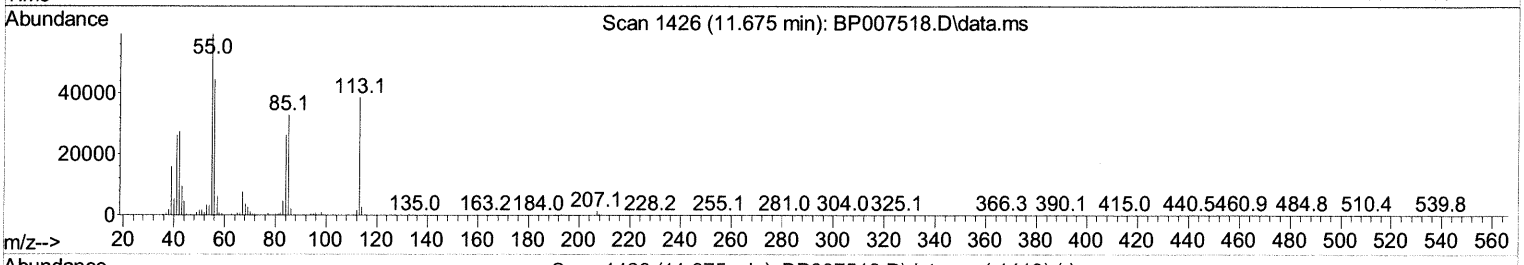

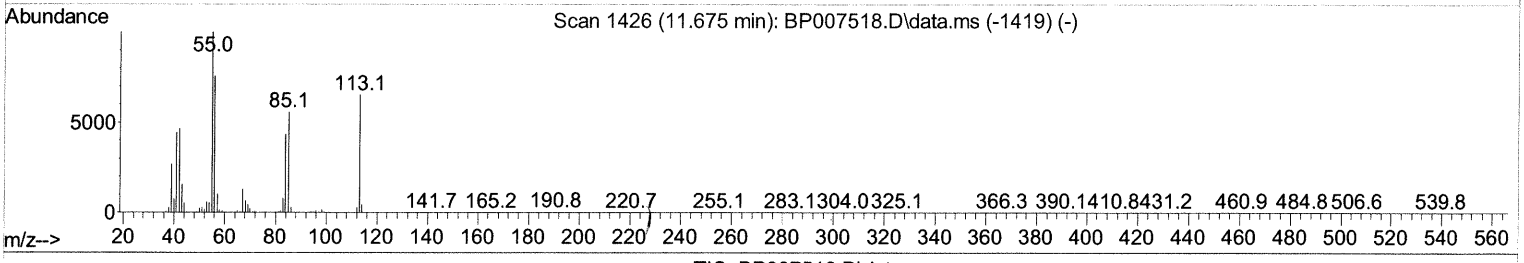

TIC: BP007518.D\data.ms

(34) Caprolactam

11.675min (0.000) 19.34 ng/ul

response 79591

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	153.93
56.00	120.30	115.75
0.00	0.00	0.00

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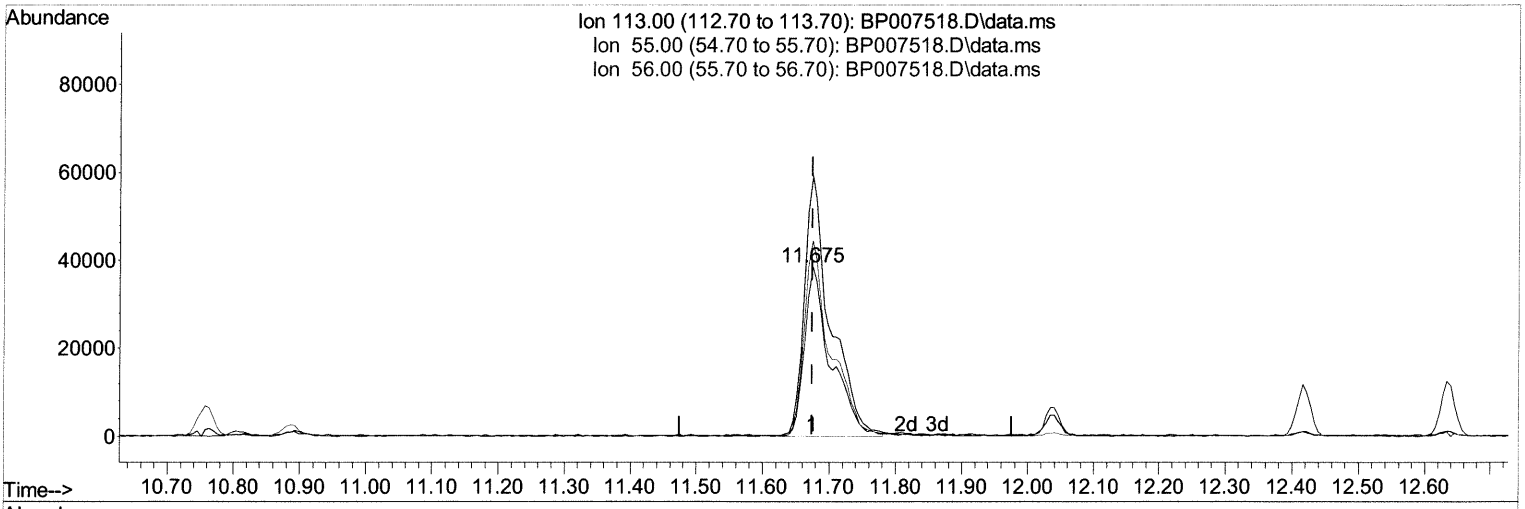

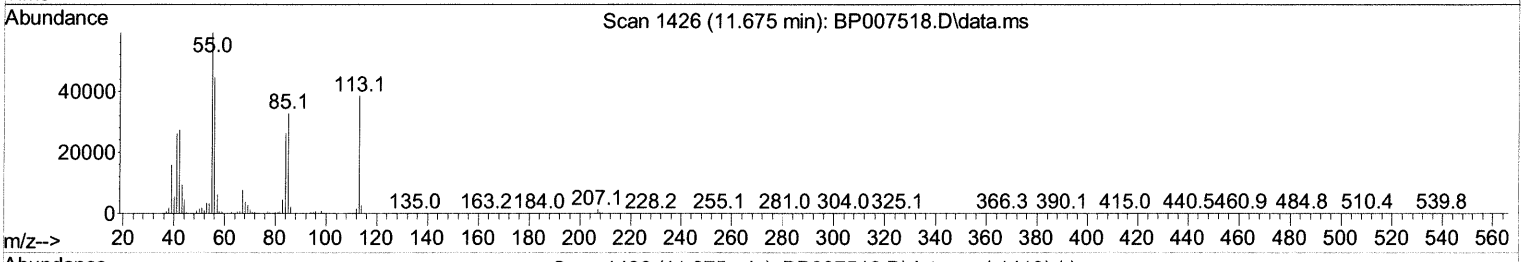

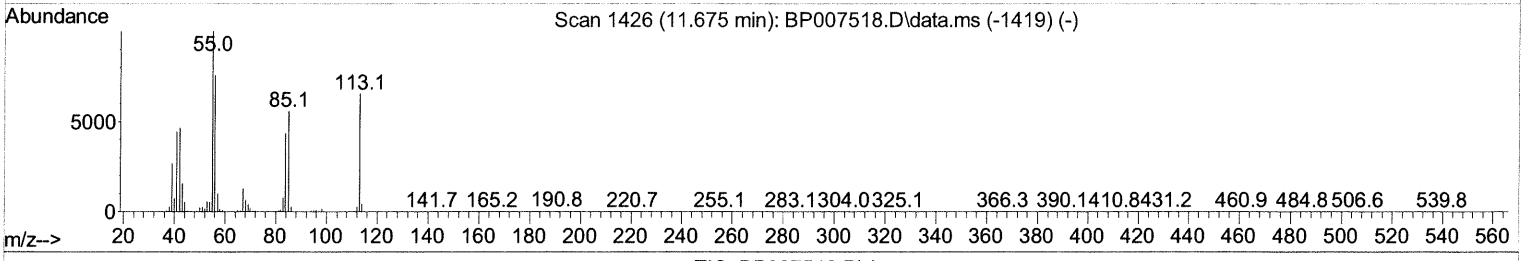

TIC: BP007518.D\data.ms

(34) Caprolactam

11.675min (0.000) 25.52 ng/ul m 10/21/2021

response 104998

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	153.93
56.00	120.30	115.75
0.00	0.00	0.00

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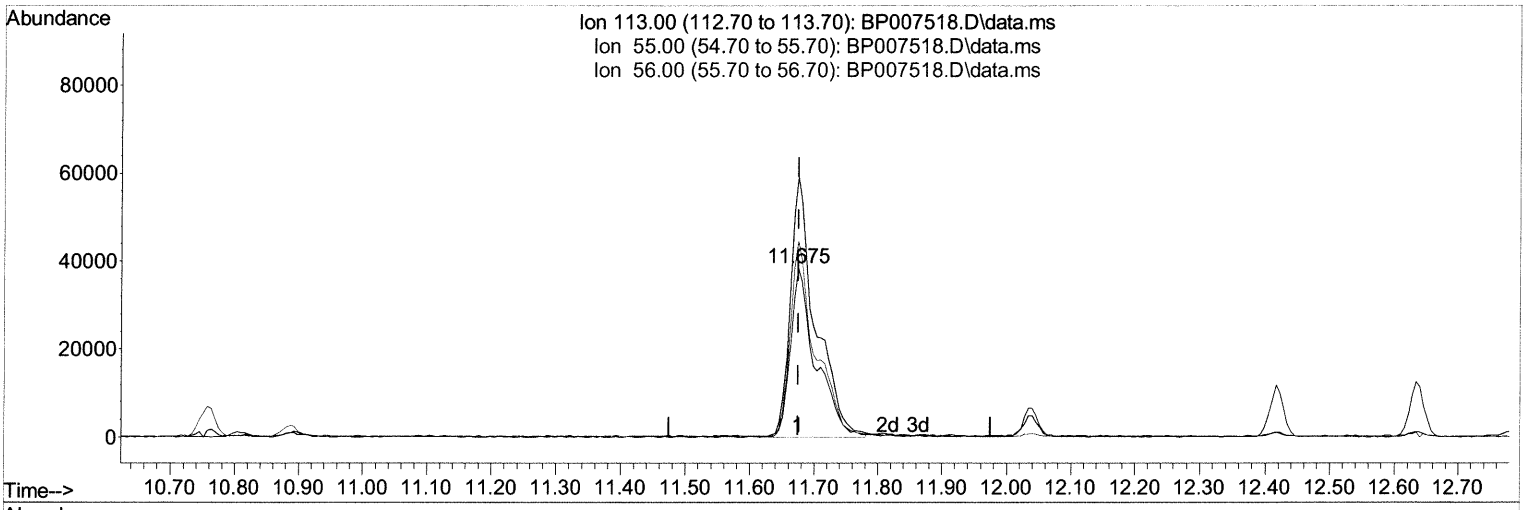

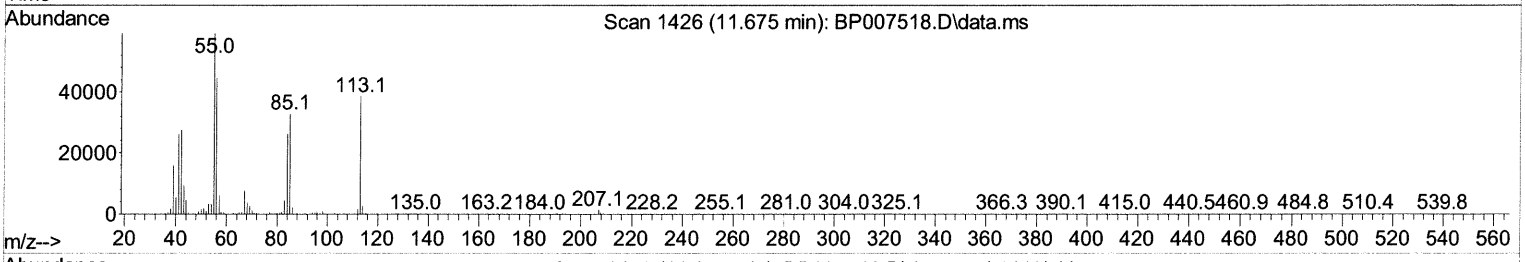

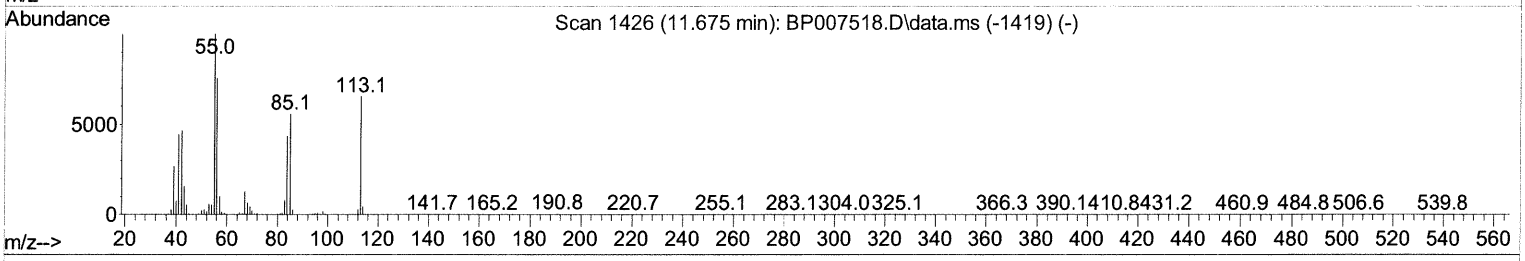

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	279453	20.000	ng/ul	0.00
20) Naphthalene-d8	10.757	136	1106851	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.586	164	687864	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.339	188	1461489	20.000	ng/ul	0.00
79) Chrysene-d12	21.427	240	1501123	20.000	ng/ul	0.00
88) Perylene-d12	23.874	264	1631988	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	49635	7.015	ng/uL	0.00
4) Pyridine-d5	3.793	84	364451	18.817	ng/ul	0.00
7) Phenol-d5	7.110	99	420177	19.253	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	241614	18.562	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	340275	19.820	ng/ul	0.00
15) 4-Methylphenol-d8	8.657	113	331051	19.693	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	153350	21.893	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	159339	24.353	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	337494	21.148	ng/ul	0.00
31) 4-Chloroaniline-d4	10.887	131	432437	20.038	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	916354	19.255	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	1180861	19.745	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	167086	21.881	ng/ul	0.00
60) Fluorene-d10	15.581	176	789964	19.836	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	114078	19.480	ng/ul	0.00
73) Anthracene-d10	17.439	188	1221591	19.682	ng/ul	0.00
81) Pyrene-d10	19.669	212	1453886	19.374	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.715	264	1584444	19.512	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.416	88	54164	7.037	ng/uL	86
5) Pyridine	3.816	79	362770	19.366	ng/ul	96
6) Benzaldehyde	7.087	77	278023	22.674	ng/ul	95
8) Phenol	7.140	94	426658	19.121	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.375	93	345166	19.168	ng/ul	96
12) 2-Chlorophenol	7.516	128	348272	19.759	ng/ul	98
13) 2-Methylphenol	8.393	108	326960	19.453	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.487	45	398095	17.348	ng/ul	99
16) Acetophenone	8.775	105	496898	19.323	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.763	70	240835	18.103	ng/ul	95
18) 4-Methylphenol	8.722	108	350457	19.577	ng/ul	100
19) Hexachloroethane	9.040	117	141928	19.232	ng/ul	97
22) Nitrobenzene	9.151	77	369348	20.537	ng/ul	98
23) Isophorone	9.687	82	701651	18.636	ng/ul	98
25) 2-Nitrophenol	9.863	139	176439	23.264	ng/ul	95
26) 2,4-Dimethylphenol	9.928	107	383566	19.808	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.169	93	441526	18.925	ng/ul	99
29) 2,4-Dichlorophenol	10.404	162	327386	20.872	ng/ul	98
30) Naphthalene	10.810	128	1035822	19.242	ng/ul	100
32) 4-Chloroaniline	10.910	127	440754	20.184	ng/ul	98
33) Hexachlorobutadiene	11.104	225	230282	20.911	ng/ul	99
34) Caprolactam	11.675	113	104998m	25.519	ng/ul	10/21/21 JU
35) 4-Chloro-3-methylphenol	12.040	107	345331	20.267	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.416	142	711461	19.338	ng/ul	99
37) 1-Methylnaphthalene	12.634	142	722447	19.398	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.787	216	409577	20.599	ng/ul	98
40) Hexachlorocyclopentadiene	12.775	237	213988	17.068	ng/ul	99
41) 2,4,6-Trichlorophenol	13.022	196	264802	22.649	ng/ul	99
42) 2,4,5-Trichlorophenol	13.092	196	285153	23.427	ng/ul	98
43) 1,1'-Biphenyl	13.428	154	950559	19.388	ng/ul	99
44) 2-Chloronaphthalene	13.463	162	736559	19.505	ng/ul	99
45) 2-Nitroaniline	13.657	65	199169	22.686	ng/ul	94
47) Dimethylphthalate	14.045	163	908863	19.227	ng/ul	99
48) 2,6-Dinitrotoluene	14.157	165	179267	22.870	ng/ul	94
50) Acenaphthylene	14.310	152	1184861	19.650	ng/ul	100
51) 3-Nitroaniline	14.481	138	202409	23.174	ng/ul	96
52) Acenaphthene	14.651	153	752753	19.278	ng/ul	99
53) 2,4-Dinitrophenol	14.686	184	71477	19.740	ng/ul	98
55) 4-Nitrophenol	14.786	109	143783	20.842	ng/ul	98
56) Dibenzofuran	14.986	168	1113293	19.636	ng/ul	99
57) 2,4-Dinitrotoluene	14.945	165	258291	23.460	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.210	232	231964	22.965	ng/ul	100
59) Diethylphthalate	15.416	149	905991	19.223	ng/ul	98
61) Fluorene	15.639	166	848523	19.753	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.633	204	439871	20.111	ng/ul	98
63) 4-Nitroaniline	15.645	138	196494	25.377	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.710	198	117683	19.427	ng/ul	99
67) N-Nitrosodiphenylamine	15.845	169	774004	19.671	ng/ul	100
68) 4-Bromophenyl-phenylether	16.528	248	282475	21.456	ng/ul	94
69) Hexachlorobenzene	16.645	284	324408	20.485	ng/ul	98
70) Atrazine	16.798	200	301536	20.243	ng/ul	100
71) Pentachlorophenol	16.992	266	196454	22.410	ng/ul	98
72) Phenanthrene	17.380	178	1429125	19.560	ng/ul	100
74) Anthracene	17.475	178	1437521	19.672	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.392	216	430567	20.312	ng/uL	99
76) Pentachlorobenzene	14.910	250	405761	20.534	ng/uL	99
77) Carbazole	17.739	167	1333170	20.770	ng/ul	99
78) Di-n-butylphthalate	18.304	149	1575442	19.979	ng/ul	99
80) Fluoranthene	19.345	202	1795476	19.283	ng/ul	99
82) Pyrene	19.698	202	1794353	19.110	ng/ul	100
83) Butylbenzylphthalate	20.574	149	731941	21.232	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.339	252	577823	20.231	ng/ul	99
85) Benzo(a)anthracene	21.410	228	1810656	19.632	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.345	149	1066674	20.239	ng/ul	100
87) Chrysene	21.463	228	1727983	19.340	ng/ul	99
89) Di-n-octyl phthalate	22.292	149	1876247	20.374	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	1905362	19.182	ng/ul	99
91) Benzo(k)fluoranthene	23.174	252	1774685	19.161	ng/ul	99
93) Benzo(a)pyrene	23.768	252	1825797	19.216	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.433	276	2142128	19.462	ng/ul	100
95) Dibenzo(a,h)anthracene	26.456	278	1825516	19.477	ng/ul	100
96) Benzo(g,h,i)perylene	27.221	276	1840157	19.412	ng/ul	98

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