Quantitation Report (Qedit)

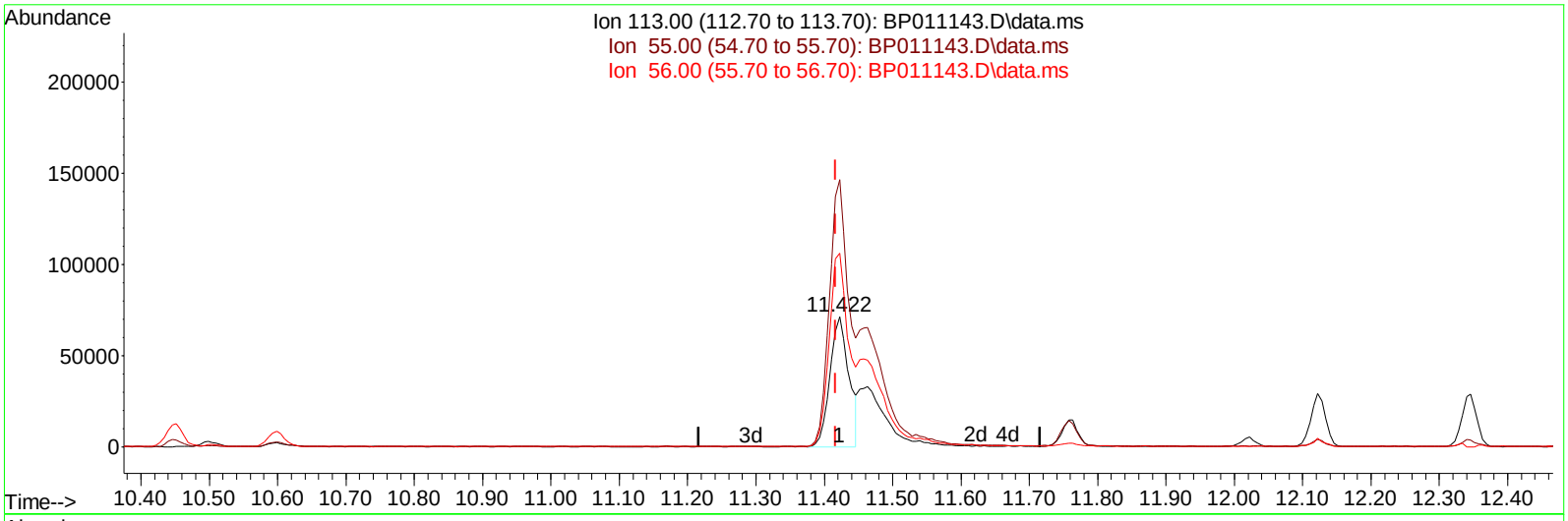
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072722\
Data File : BP011143.D
Acq On : 27 Jul 2022 23:27
Operator : CG/JU
Sample : PB146441BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

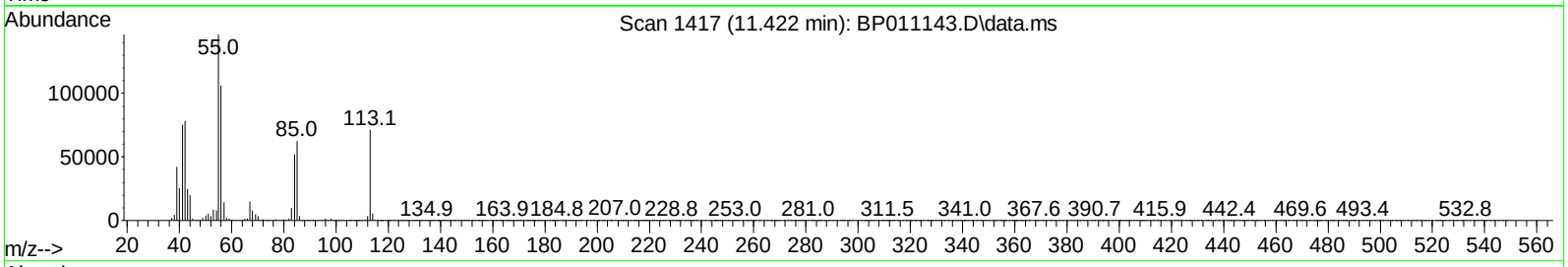
Quant Time: Jul 28 01:07:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 28 00:46:32 2022
Response via : Initial Calibration

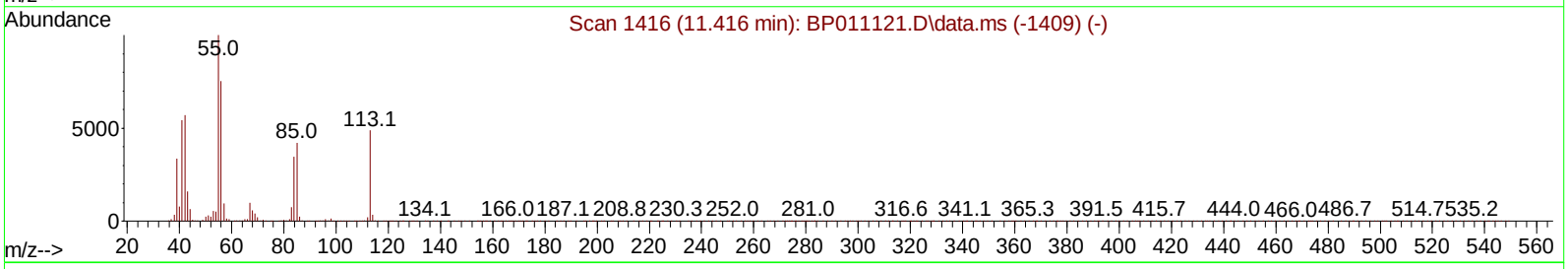
Instrument :
BNA_P
ClientSampleId :
SLCS441

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/28/2022
Supervised By :mohammad ahmed 07/28/2022







TIC: BP011143.D\data.ms

(34) Caprolactam

11.422min (+ 0.006) 19.30 ng/ul

response 137934

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.30	204.88
56.00	137.80	148.73
0.00	0.00	0.00

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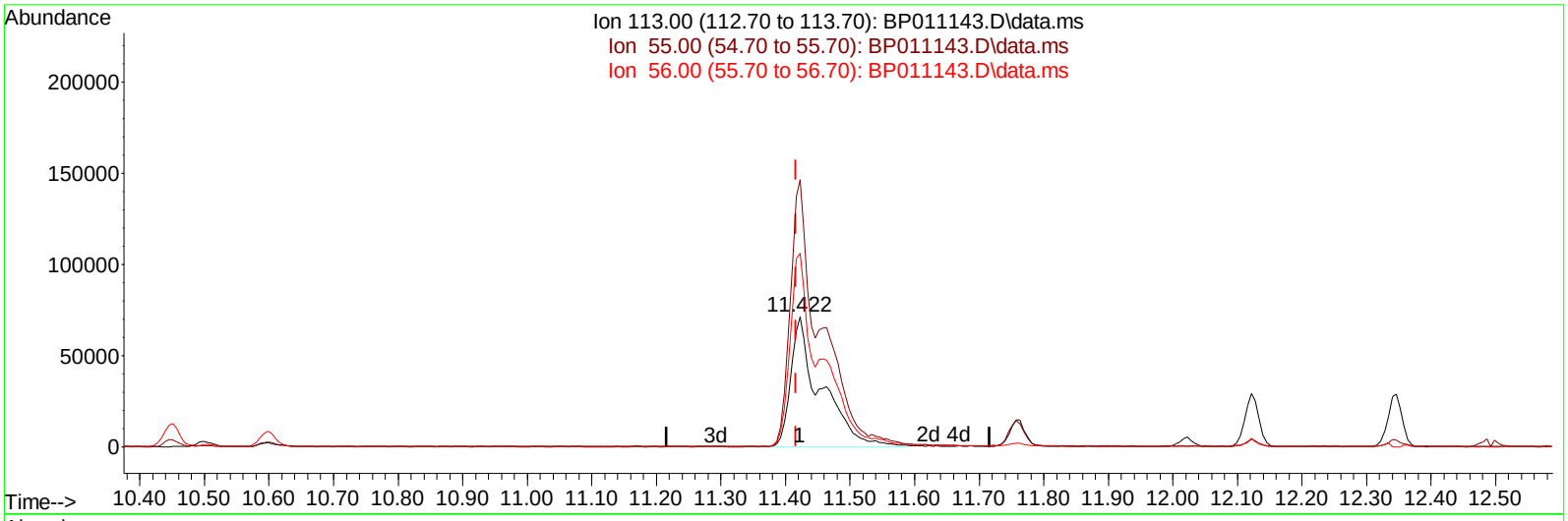

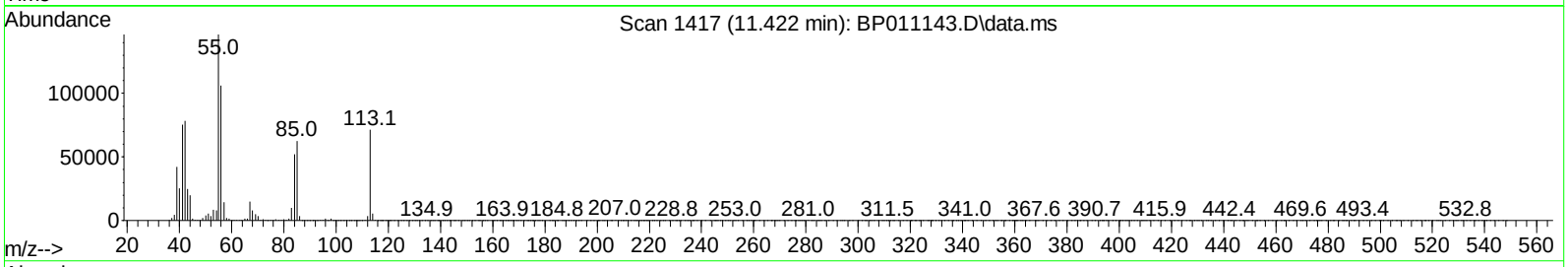

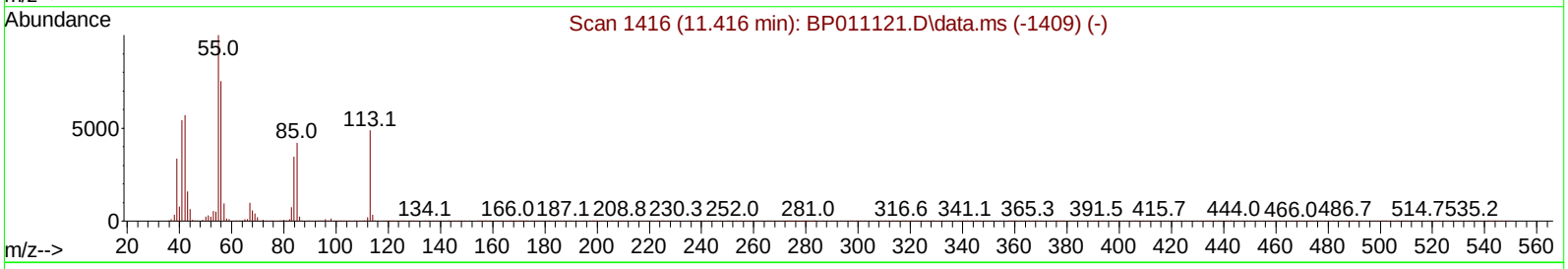

TIC: BP011143.D\data.ms

(34) Caprolactam

11.422min (+ 0.006) 32.13 ng/ul m

response 229662

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.30	204.88
56.00	137.80	148.73
0.00	0.00	0.00

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Misc :
ALS Vial : 25 Sample Multiplier: 1

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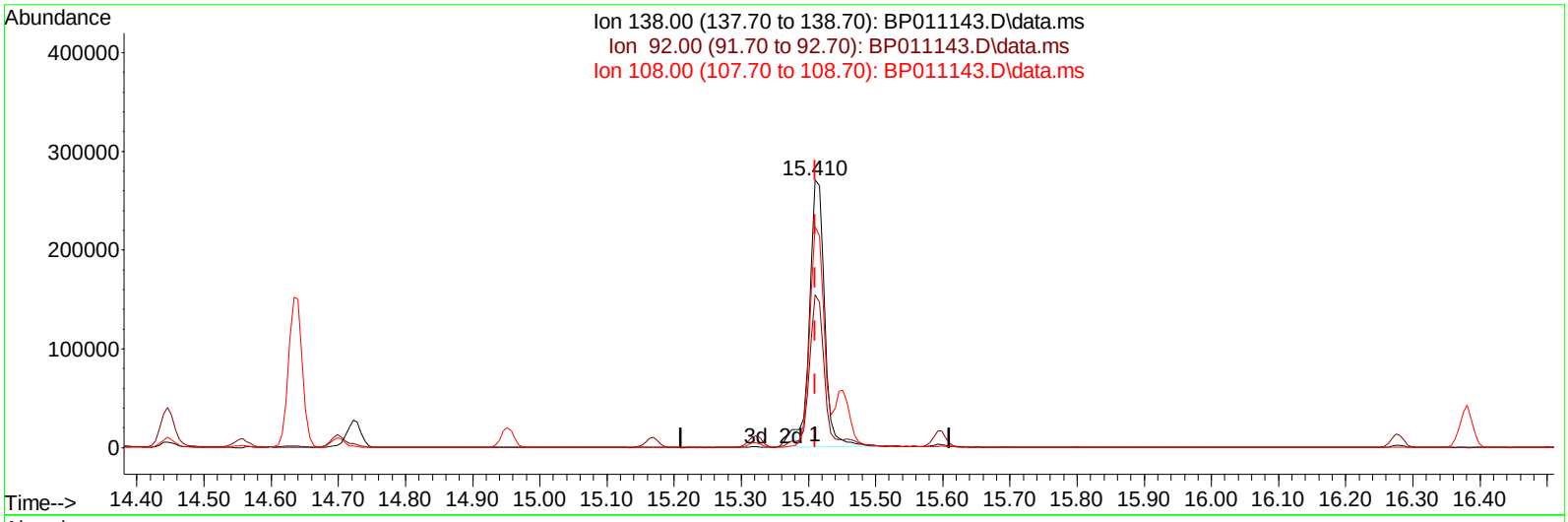

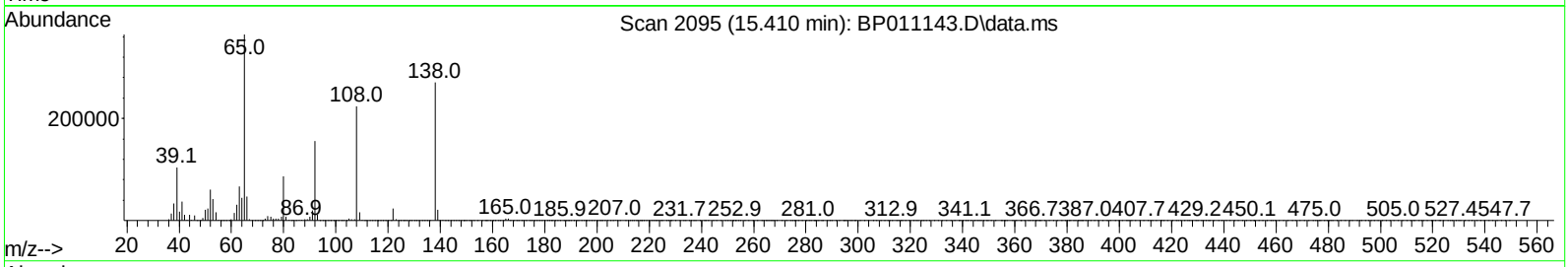

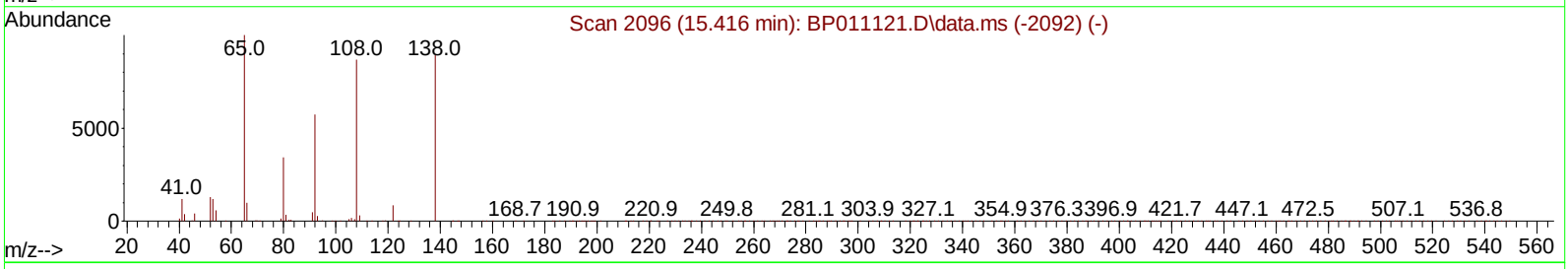

TIC: BP011143.D\data.ms

(63) 4-Nitroaniline

15.410min (-0.000) 39.18 ng/ul

response 412334

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.70	57.29
108.00	107.30	82.60#
0.00	0.00	0.00

Quantitation Report (Qedit)

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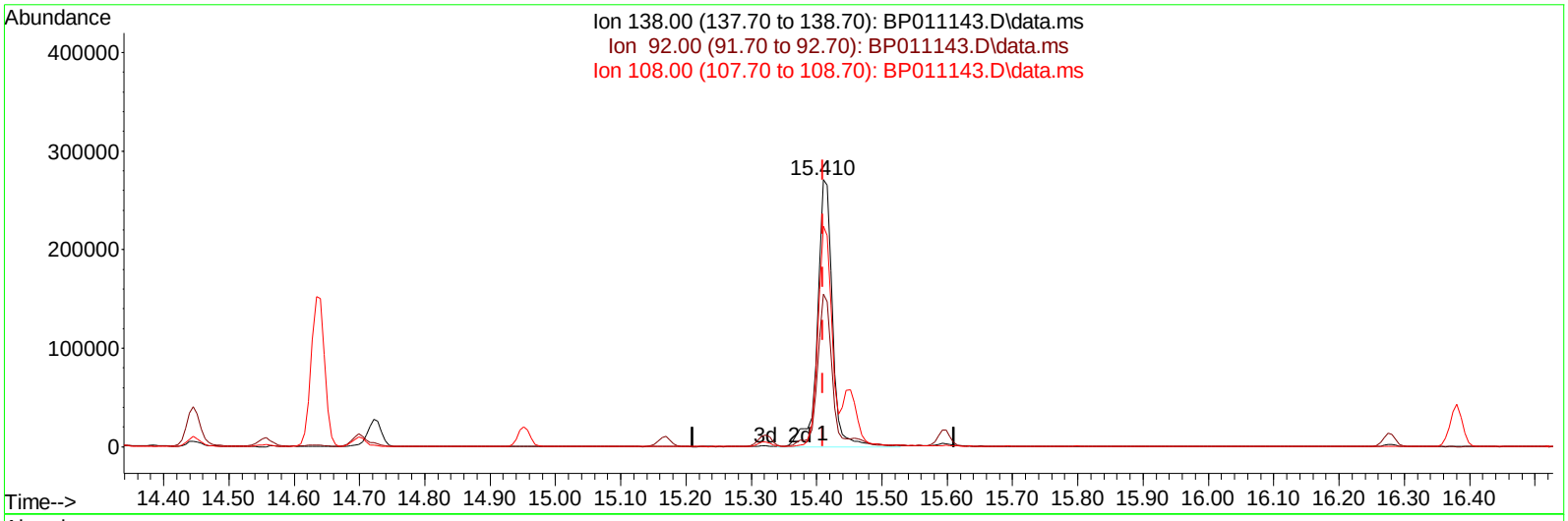

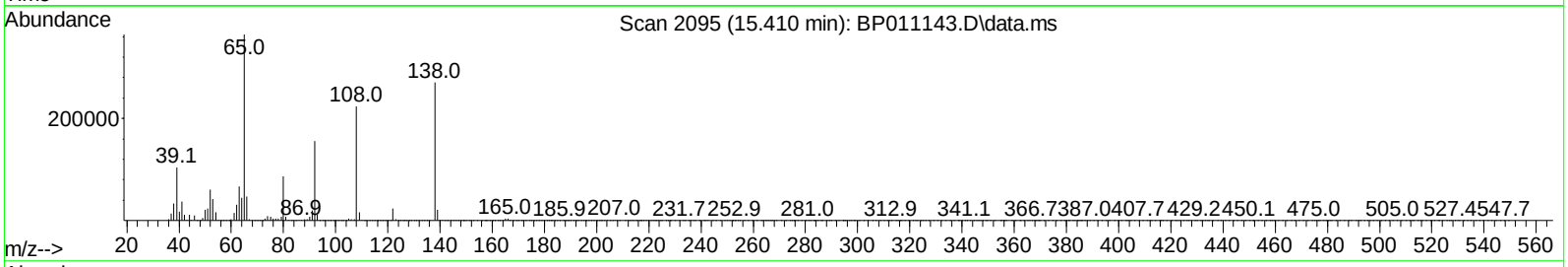

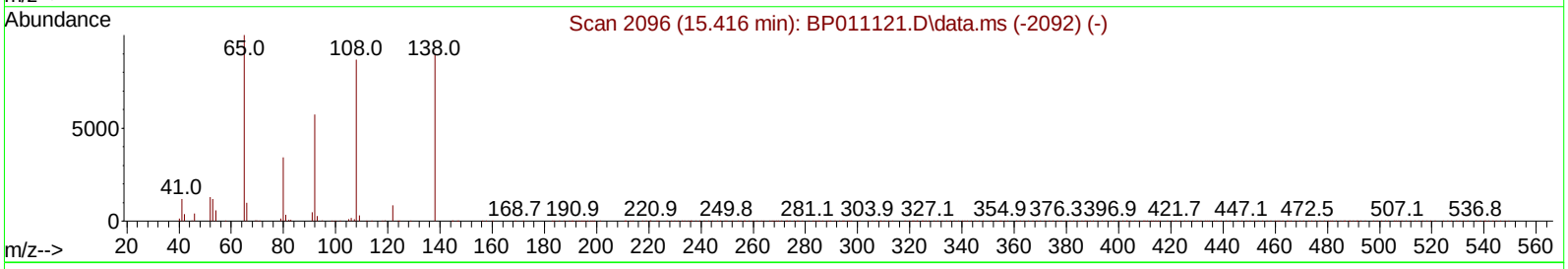

TIC: BP011143.D\data.ms

(63) 4-Nitroaniline

15.410min (-0.000) 42.04 ng/ul m

response 442419

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.70	57.29
108.00	107.30	82.60#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/28/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	368485	20.000	ng/ul	0.00
20) Naphthalene-d8	10.452	136	1494227	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.322	164	763302	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.087	188	1453006	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.210	240	1407458	20.000	ng/ul	# 0.00
88) Perylene-d12	23.545	264	1503858	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	57984	5.673	ng/uL	0.00
4) Pyridine-d5	3.570	84	797308	30.179	ng/ul	0.00
7) Phenol-d5	6.840	99	1060136	35.049	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	737580	37.921	ng/ul	0.00
11) 2-Chlorophenol-d4	7.193	132	855805	35.015	ng/ul	0.00
15) 4-Methylphenol-d8	8.381	113	803729	33.191	ng/ul	0.00
21) Nitrobenzene-d5	8.822	128	411369	37.778	ng/ul	0.00
24) 2-Nitrophenol-d4	9.540	143	405371	37.622	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.075	165	689541	34.993	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131	1013736	31.206	ng/ul	0.00
46) Dimethylphthalate-d6	13.746	166	1845687	35.379	ng/ul	0.00
49) Acenaphthylene-d8	14.010	160	2362959	38.389	ng/ul	0.00
54) 4-Nitrophenol-d4	14.546	143	357066	33.818	ng/ul	0.00
60) Fluorene-d10	15.322	176	1543860	34.816	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	261147	36.321	ng/ul	0.00
73) Anthracene-d10	17.187	188	2232453	36.141	ng/ul	0.00
81) Pyrene-d10	19.445	212	2592986	35.078	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.392	264	2763788	38.264	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	117251	10.933	ng/uL#	89
5) Pyridine	3.587	79	840670	30.877	ng/ul#	79
6) Benzaldehyde	6.811	77	775652	52.794	ng/ul	98
8) Phenol	6.864	94	1112704	34.608	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.099	93	922964	36.170	ng/ul	94
12) 2-Chlorophenol	7.222	128	900229	35.633	ng/ul	99
13) 2-Methylphenol	8.111	108	811019	34.110	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.199	45	1545594	44.285	ng/ul	97
16) Acetophenone	8.487	105	1290244	35.198	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.481	70	693445	37.702	ng/ul	98
18) 4-Methylphenol	8.440	108	858307	33.809	ng/ul	98
19) Hexachloroethane	8.728	117	404568	40.465	ng/ul#	75
22) Nitrobenzene	8.863	77	1047873	40.920	ng/ul	96
23) Isophorone	9.393	82	1853686	38.677	ng/ul	97
25) 2-Nitrophenol	9.569	139	452366	37.402	ng/ul	89
26) 2,4-Dimethylphenol	9.640	107	888295	34.731	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.881	93	1154589	36.403	ng/ul	98
29) 2,4-Dichlorophenol	10.105	162	705955	34.613	ng/ul	98
30) Naphthalene	10.499	128	2688060	35.302	ng/ul	99
32) 4-Chloroaniline	10.622	127	1022366	31.818	ng/ul	99
33) Hexachlorobutadiene	10.781	225	433804	36.540	ng/ul	96
34) Caprolactam	11.422	113	229662m	32.130	ng/ul	
35) 4-Chloro-3-methylphenol	11.757	107	781137	33.889	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	12.122	142	1672318	33.878	ng/ul	98
37) 1-Methylnaphthalene	12.346	142	1679861	33.951	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.493	216	731935	36.357	ng/ul#	98
40) Hexachlorocyclopentadiene	12.469	237	458521	36.773	ng/ul	96
41) 2,4,6-Trichlorophenol	12.746	196	472445	35.635	ng/ul	98
42) 2,4,5-Trichlorophenol	12.816	196	500087	35.295	ng/ul	100
43) 1,1'-Biphenyl	13.151	154	2075940	36.450	ng/ul#	97
44) 2-Chloronaphthalene	13.187	162	1562190	36.518	ng/ul	95
45) 2-Nitroaniline	13.404	65	529986	42.523	ng/ul	94
47) Dimethylphthalate	13.793	163	1863993	35.410	ng/ul	99
48) 2,6-Dinitrotoluene	13.910	165	368034	38.617	ng/ul	96
50) Acenaphthylene	14.040	152	2535152	36.705	ng/ul	99
51) 3-Nitroaniline	14.240	138	416991	36.418	ng/ul	96
52) Acenaphthene	14.387	153	1657380	36.223	ng/ul	99
53) 2,4-Dinitrophenol	14.445	184	178429	32.001	ng/ul	97
55) 4-Nitrophenol	14.557	109	302860	37.466	ng/ul#	77
56) Dibenzofuran	14.722	168	2226232	35.261	ng/ul	99
57) 2,4-Dinitrotoluene	14.698	165	539654	39.698	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.951	232	386655	34.847	ng/ul#	80
59) Diethylphthalate	15.169	149	1946766	36.011	ng/ul	97
61) Fluorene	15.375	166	1773011	34.993	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.381	204	791050	33.913	ng/ul	92
63) 4-Nitroaniline	15.410	138	442419m	42.043	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.463	198	268233	36.366	ng/ul#	87
67) N-Nitrosodiphenylamine	15.598	169	1510936	36.403	ng/ul	97
68) 4-Bromophenyl-phenylether	16.281	248	469283	35.810	ng/ul	93
69) Hexachlorobenzene	16.381	284	542737	35.684	ng/ul#	88
70) Atrazine	16.569	200	511490	35.623	ng/ul	97
71) Pentachlorophenol	16.734	266	331412	35.381	ng/ul	98
72) Phenanthrene	17.128	178	2774339	36.649	ng/ul	99
74) Anthracene	17.222	178	2753151	36.562	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.104	216	730701	35.129	ng/uL	98
76) Pentachlorobenzene	14.640	250	658895	36.136	ng/uL	99
77) Carbazole	17.504	167	2617600	37.141	ng/ul	99
78) Di-n-butylphthalate	18.069	149	3324677	37.739	ng/ul	99
80) Fluoranthene	19.116	202	3199754	37.011	ng/ul#	84
82) Pyrene	19.469	202	3255637	36.499	ng/ul#	80
83) Butylbenzylphthalate	20.363	149	1528019	38.400	ng/ul#	90
84) 3,3'-Dichlorobenzidine	21.133	252	1049612	42.117	ng/ul#	96
85) Benzo(a)anthracene	21.192	228	3161562	36.884	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.133	149	2306068	38.841	ng/ul#	96
87) Chrysene	21.245	228	3109064	36.940	ng/ul	100
89) Di-n-octyl phthalate	22.039	149	4070410	40.358	ng/ul	100
90) Benzo(b)fluoranthene	22.833	252	3495282	37.642	ng/ul#	95
91) Benzo(k)fluoranthene	22.880	252	3245684	37.212	ng/ul#	93
93) Benzo(a)pyrene	23.445	252	3389633	38.011	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	25.963	276	3999411	38.592	ng/ul#	87
95) Dibenzo(a,h)anthracene	25.986	278	3426735	38.212	ng/ul#	91
96) Benzo(g,h,i)perylene	26.704	276	3454507	39.138	ng/ul#	86

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

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