Quantitation Report (Qedit)

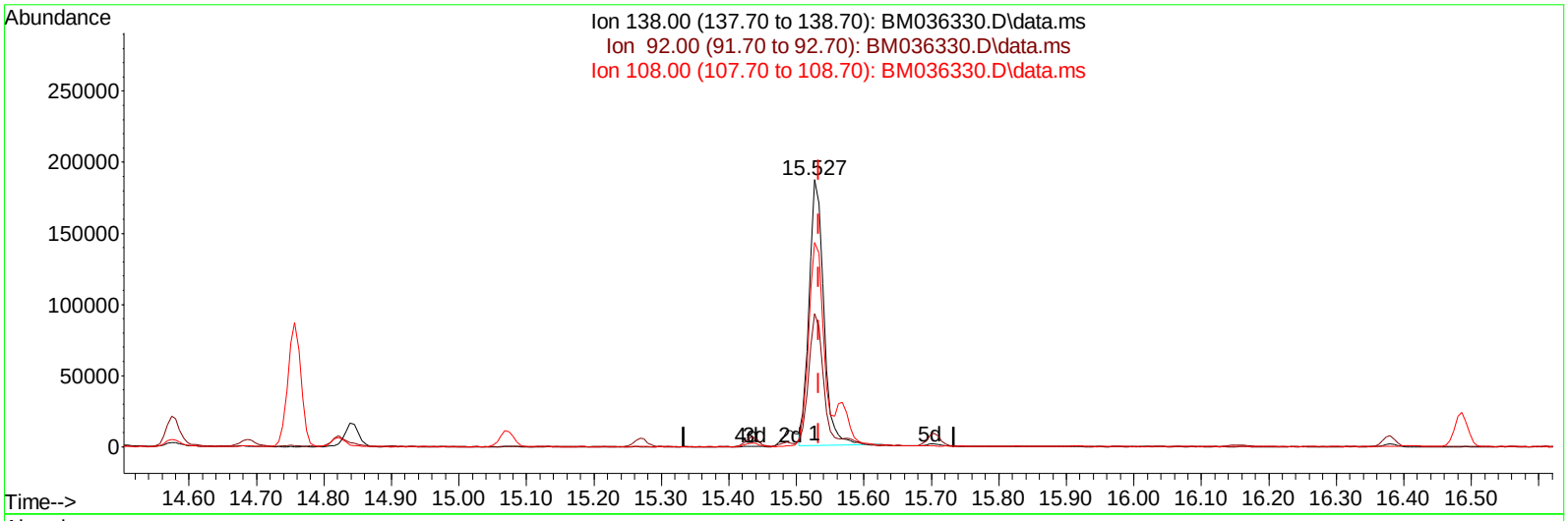
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081722\
Data File : BM036330.D
Acq On : 18 Aug 2022 00:02
Operator : CG/JU
Sample : N4176-13MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

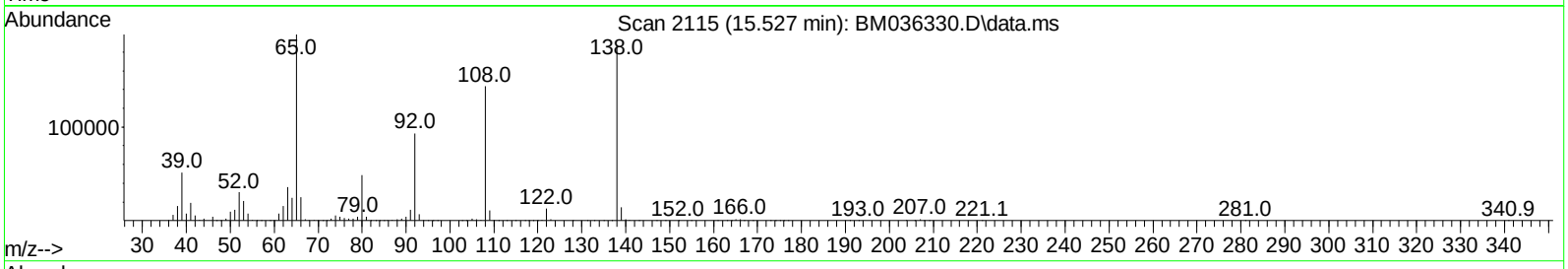
Quant Time: Aug 18 02:23:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 16 15:00:33 2022
Response via : Initial Calibration

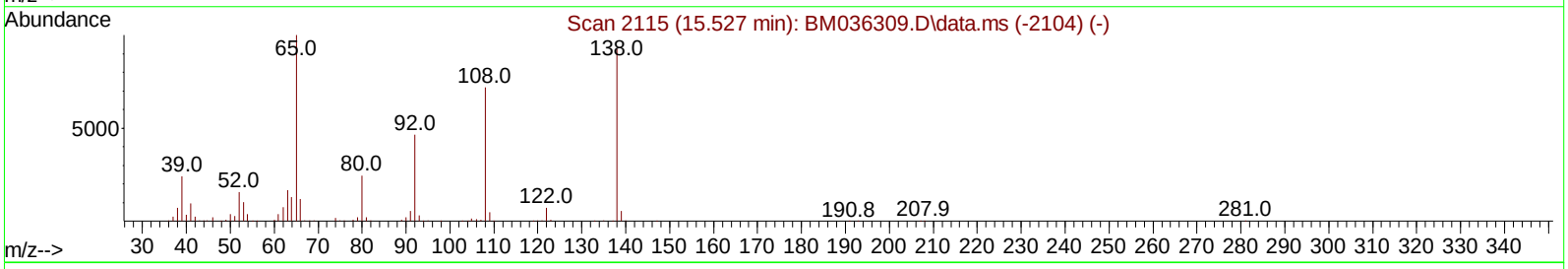
Instrument :
BNA_M
ClientSampleId :
EX7Q6MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/18/2022
Supervised By :Sohil Jodhani 08/19/2022







TIC: BM036330.D\data.ms

(63) 4-Nitroaniline

15.527min (-0.006) 45.05 ng/ul

response 284062

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.00	49.77
108.00	64.50	76.53
0.00	0.00	0.00

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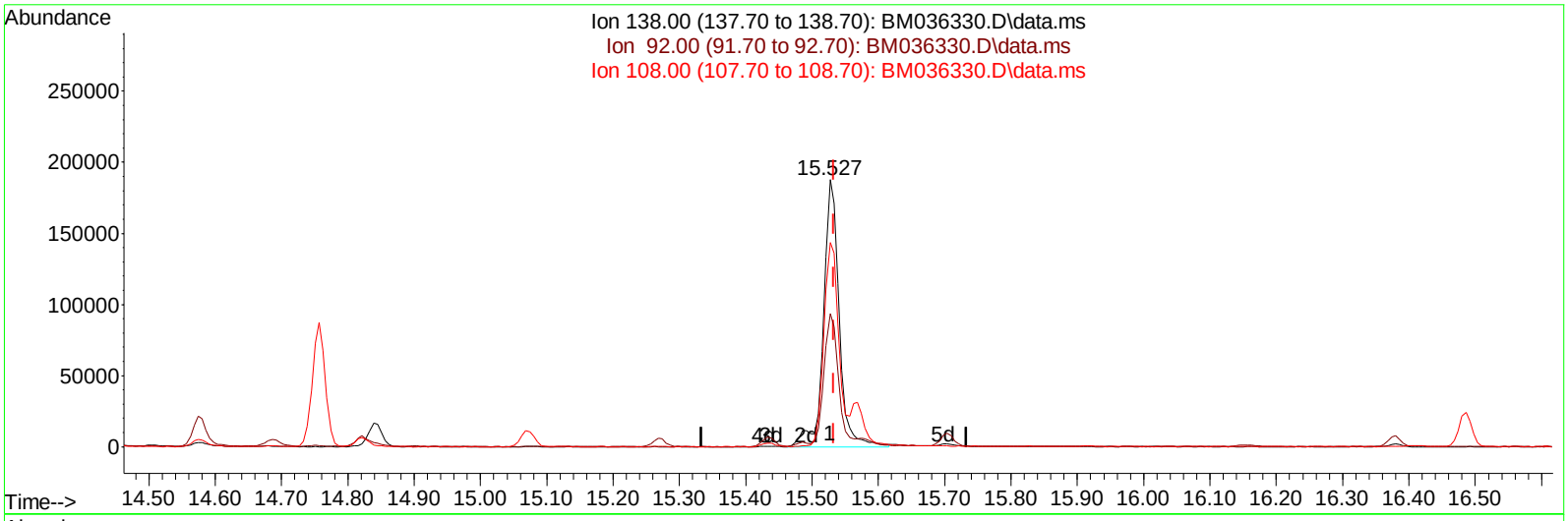

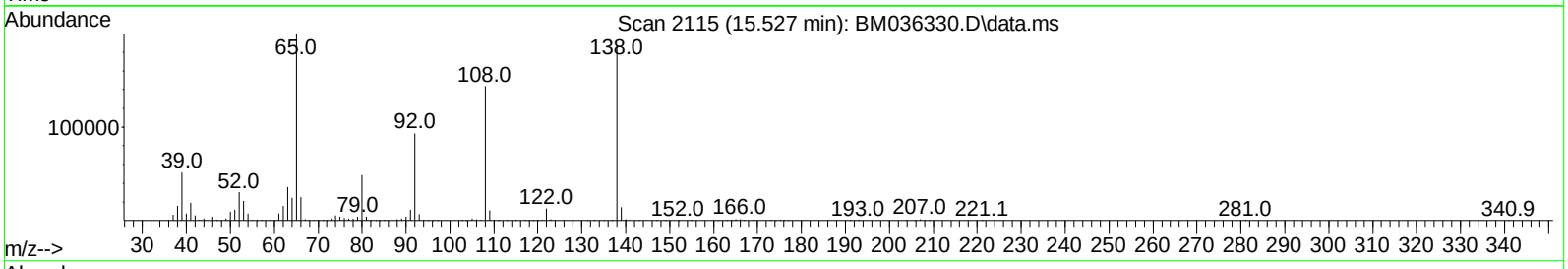

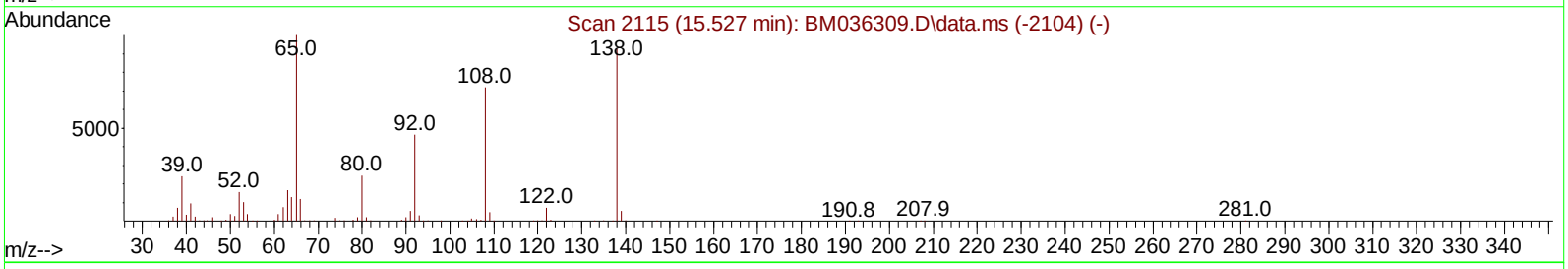

TIC: BM036330.D\data.ms

(63) 4-Nitroaniline

15.527min (-0.006) 48.98 ng/ul m

response 308864

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.00	49.77
108.00	64.50	76.53
0.00	0.00	0.00

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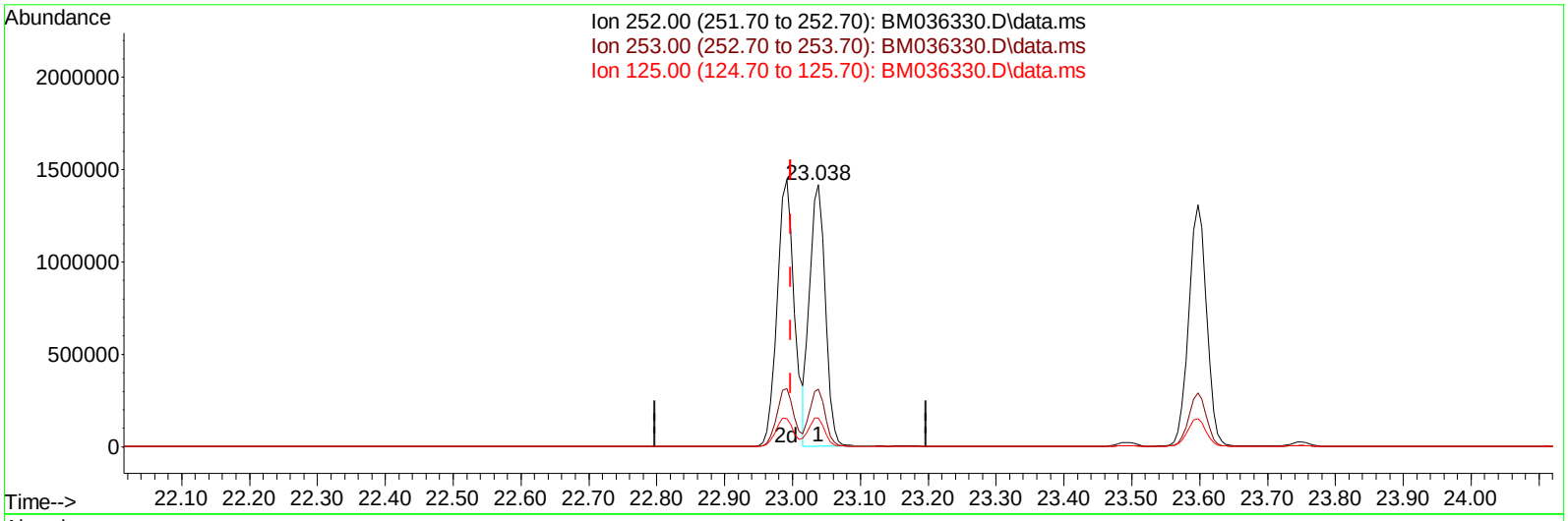

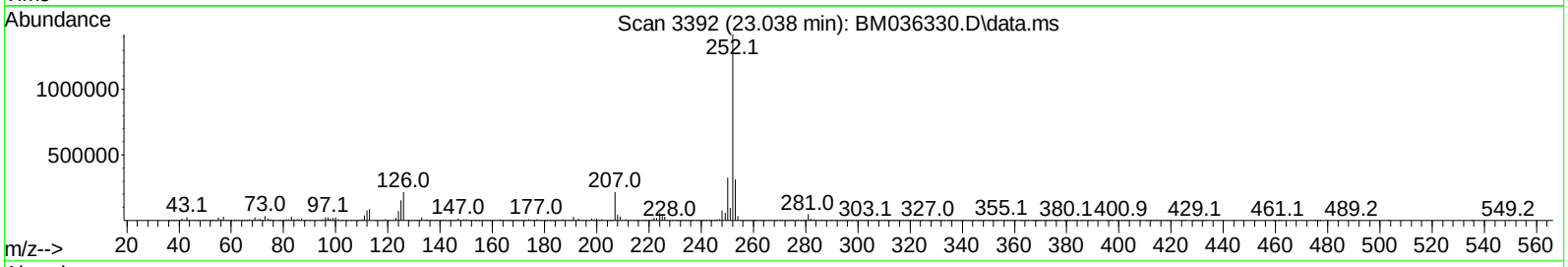

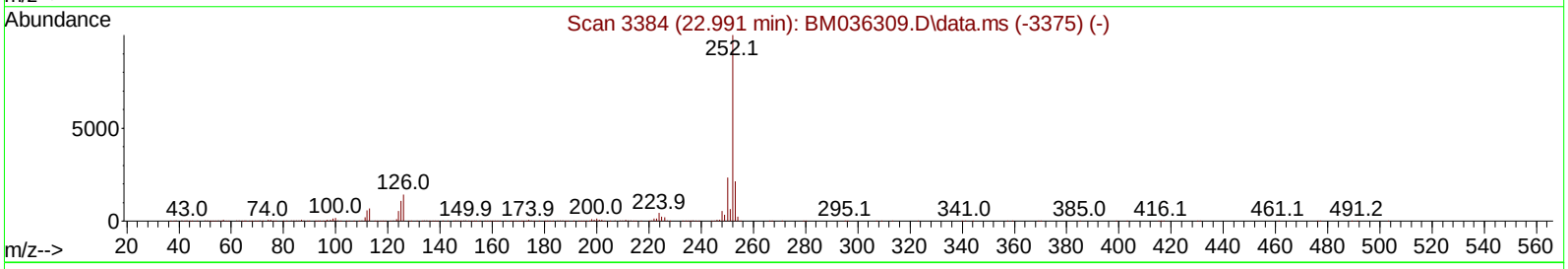

TIC: BM036330.D\data.ms

(90) Benzo(b)fluoranthene

23.038min (+ 0.041) 35.77 ng/ul

response 2280189

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	22.12
125.00	13.40	10.99
0.00	0.00	0.00

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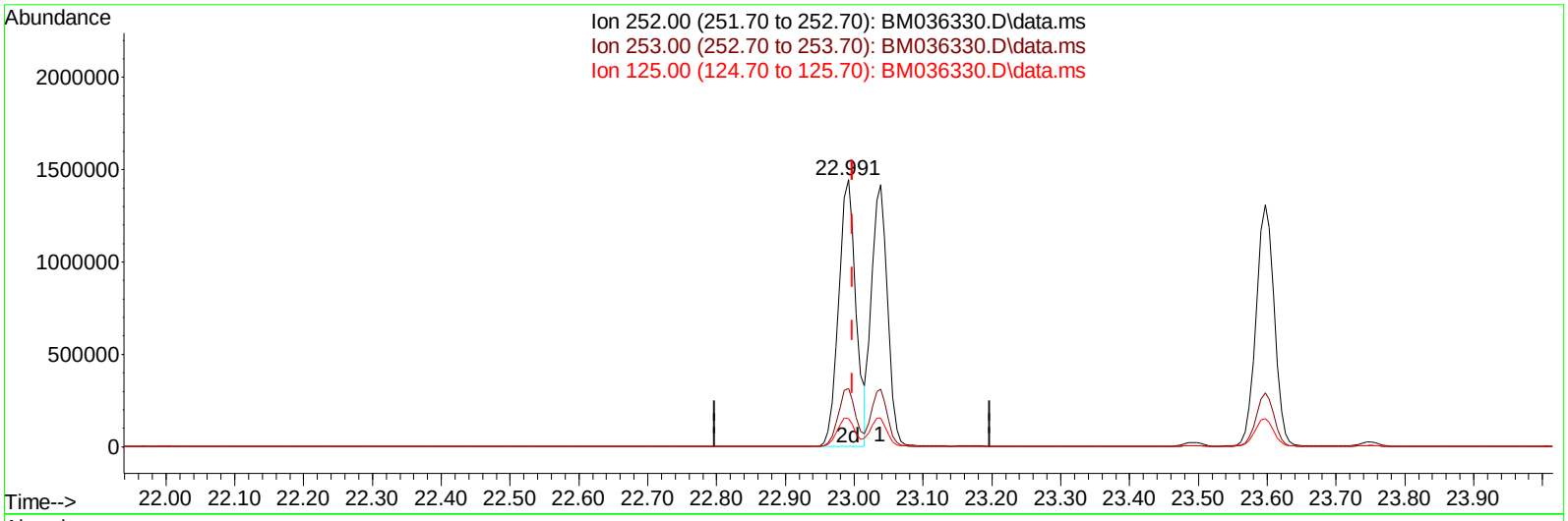

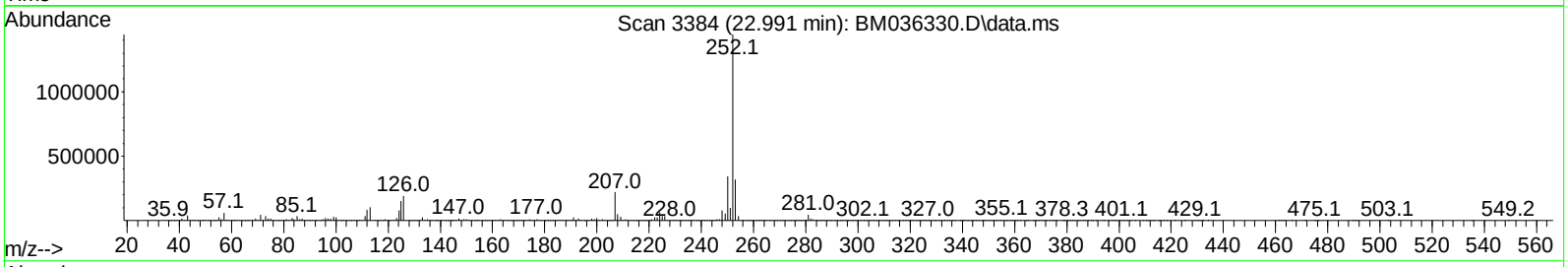

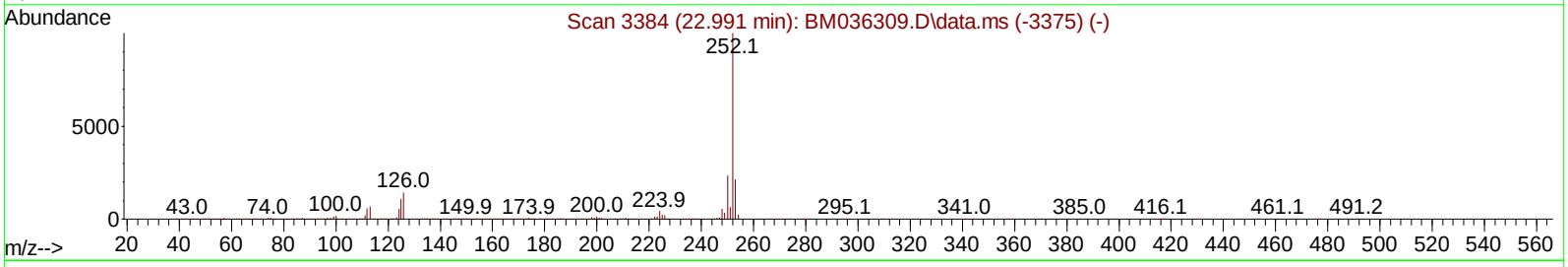

TIC: BM036330.D\data.ms

(90) Benzo(b)fluoranthene

22.991min (-0.006) 40.04 ng/ul m

response 2552262

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	21.91
125.00	13.40	10.63#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/18/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	207513	20.000	ng/ul	0.00
20) Naphthalene-d8	10.598	136	882077	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	503097	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	1005439	20.000	ng/ul	0.00
79) Chrysene-d12	21.368	240	984798	20.000	ng/ul	0.00
88) Perylene-d12	23.697	264	1045445	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	26471	4.862	ng/uL	0.00
4) Pyridine-d5	3.634	84	275910	18.375	ng/ul	0.00
7) Phenol-d5	6.981	99	502672	28.379	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.139	67	307644	27.593	ng/ul	0.00
11) 2-Chlorophenol-d4	7.333	132	416838	29.951	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	362581	27.415	ng/ul	0.00
21) Nitrobenzene-d5	8.969	128	206328	30.851	ng/ul	0.00
24) 2-Nitrophenol-d4	9.686	143	213629	31.492	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.227	165	376414	31.054	ng/ul	0.00
31) 4-Chloroaniline-d4	10.751	131	490208	26.087	ng/ul	0.00
46) Dimethylphthalate-d6	13.862	166	1037134	32.585	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	1258691	31.707	ng/ul	0.00
54) 4-Nitrophenol-d4	14.674	143	206434	34.230	ng/ul	0.00
60) Fluorene-d10	15.433	176	938992	32.648	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.568	200	148375	28.704	ng/ul	0.00
73) Anthracene-d10	17.286	188	1500957	33.573	ng/ul	0.00
81) Pyrene-d10	19.580	212	1753604	34.327	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.550	264	1765966	34.453	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	63514	11.075	ng/uL	99
5) Pyridine	3.657	79	324772	20.938	ng/ul	88
6) Benzaldehyde	6.945	77	249709	34.320	ng/ul	95
8) Phenol	7.010	94	574847	31.214	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.233	93	454642	30.865	ng/ul	96
12) 2-Chlorophenol	7.363	128	472832	32.490	ng/ul	99
13) 2-Methylphenol	8.257	108	402285	29.634	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.339	45	601377	30.516	ng/ul	98
16) Acetophenone	8.633	105	682895	32.103	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.616	70	336634	31.796	ng/ul	96
18) 4-Methylphenol	8.592	108	443551	30.524	ng/ul	97
19) Hexachloroethane	8.869	117	194846	32.002	ng/ul	90
22) Nitrobenzene	9.010	77	510162	32.195	ng/ul	99
23) Isophorone	9.539	82	919246	32.667	ng/ul	98
25) 2-Nitrophenol	9.722	139	252365	33.391	ng/ul	98
26) 2,4-Dimethylphenol	9.786	107	254372	16.830	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.022	93	575449	31.411	ng/ul	98
29) 2,4-Dichlorophenol	10.257	162	414899	33.456	ng/ul	99
30) Naphthalene	10.651	128	1476326	31.889	ng/ul	100
32) 4-Chloroaniline	10.774	127	449908	23.539	ng/ul	100
33) Hexachlorobutadiene	10.927	225	254824	32.708	ng/ul	98
34) Caprolactam	11.569	113	131483	35.386	ng/ul	93
35) 4-Chloro-3-methylphenol	11.910	107	437294	34.875	ng/ul	96

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EX7Q6MSD

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.263	142	953224	32.817	ng/ul	99
37) 1-Methylnaphthalene	12.486	142	944513	32.288	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.633	216	460803	33.138	ng/ul	99
40) Hexachlorocyclopentadiene	12.604	237	159490	19.333	ng/ul	96
41) 2,4,6-Trichlorophenol	12.880	196	311769	35.630	ng/ul	100
42) 2,4,5-Trichlorophenol	12.957	196	350298	37.742	ng/ul	99
43) 1,1'-Biphenyl	13.280	154	1238065	32.720	ng/ul	99
44) 2-Chloronaphthalene	13.321	162	962942	33.164	ng/ul	99
45) 2-Nitroaniline	13.539	65	288053	36.637	ng/ul	98
47) Dimethylphthalate	13.910	163	1161950	35.466	ng/ul	99
48) 2,6-Dinitrotoluene	14.033	165	241359	39.045	ng/ul	90
50) Acenaphthylene	14.168	152	1572190	33.584	ng/ul	100
51) 3-Nitroaniline	14.368	138	271501	40.162	ng/ul	98
52) Acenaphthene	14.509	153	1020865	33.457	ng/ul	98
53) 2,4-Dinitrophenol	14.574	184	116062	34.452	ng/ul	96
55) 4-Nitrophenol	14.686	109	189938	39.861	ng/ul	82
56) Dibenzofuran	14.845	168	1446276	34.161	ng/ul	99
57) 2,4-Dinitrotoluene	14.821	165	365559	41.699	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.074	232	275909	39.152	ng/ul#	94
59) Diethylphthalate	15.268	149	1231872	38.144	ng/ul	100
61) Fluorene	15.492	166	1182297	35.207	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.486	204	554304	35.336	ng/ul	99
63) 4-Nitroaniline	15.527	138	308864m	48.979	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.580	198	181065	34.645	ng/ul	94
67) N-Nitrosodiphenylamine	15.704	169	1005147	34.968	ng/ul	98
68) 4-Bromophenyl-phenylether	16.380	248	334006	35.876	ng/ul	100
69) Hexachlorobenzene	16.486	284	416917	36.953	ng/ul	97
70) Atrazine	16.656	200	183298	18.663	ng/ul	98
71) Pentachlorophenol	16.839	266	213493	34.324	ng/ul	100
72) Phenanthrene	17.227	178	1953642	36.961	ng/ul	98
74) Anthracene	17.321	178	1927317	36.371	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.239	216	457220	30.307	ng/uL	95
76) Pentachlorobenzene	14.757	250	456842	32.432	ng/uL	99
77) Carbazole	17.598	167	1857569	37.439	ng/ul	99
78) Di-n-butylphthalate	18.156	149	2217377	40.860	ng/ul	99
80) Fluoranthene	19.244	202	2402505	38.914	ng/ul	98
82) Pyrene	19.609	202	2445241	37.953	ng/ul	97
83) Butylbenzylphthalate	20.509	149	1033314	42.871	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.291	252	605554	29.861	ng/ul	99
85) Benzo(a)anthracene	21.356	228	2336219	39.476	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.286	149	1490608	44.792	ng/ul	99
87) Chrysene	21.403	228	2284410	39.285	ng/ul	99
89) Di-n-octyl phthalate	22.185	149	2529351	40.699	ng/ul	100
90) Benzo(b)fluoranthene	22.991	252	2552262m	40.042	ng/ul	
91) Benzo(k)fluoranthene	23.038	252	2288704	37.742	ng/ul	97
93) Benzo(a)pyrene	23.597	252	2407973	38.401	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.121	276	2859526	38.786	ng/ul	94
95) Dibenzo(a,h)anthracene	26.132	278	2420713	38.116	ng/ul	97
96) Benzo(g,h,i)perylene	26.862	276	2152111	34.135	ng/ul	96

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

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