Quantitation Report (Qedit)

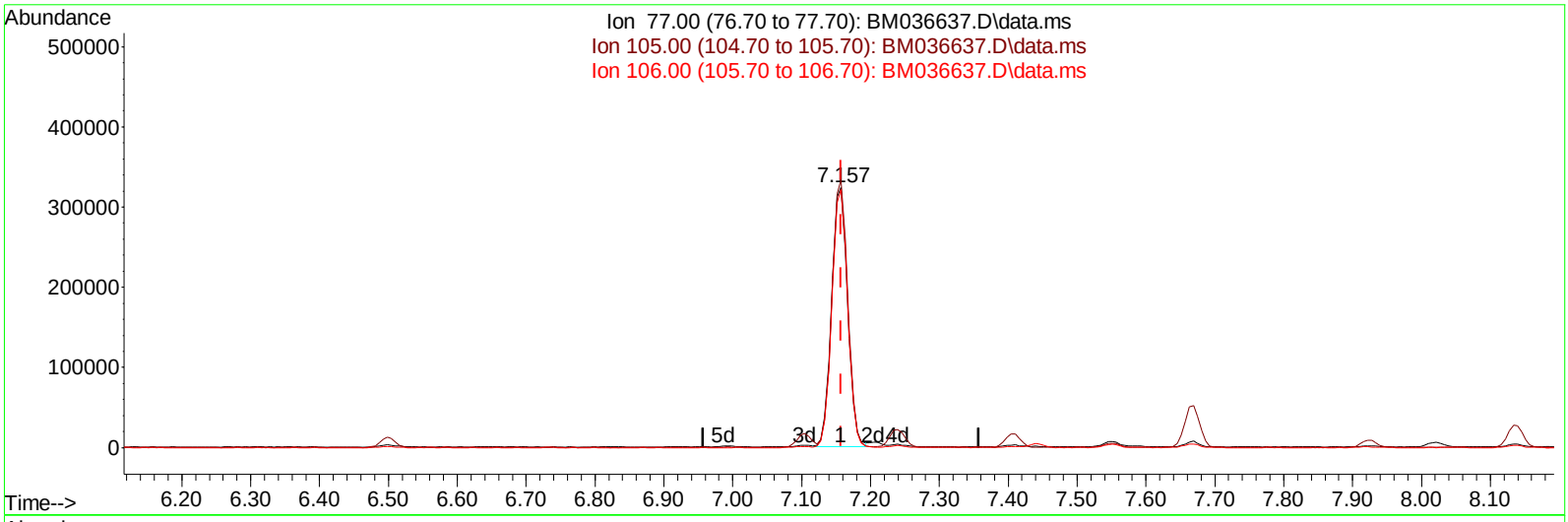
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036637.D
Acq On : 21 Sep 2022 22:59
Operator : CG/JU
Sample : N4605-02MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

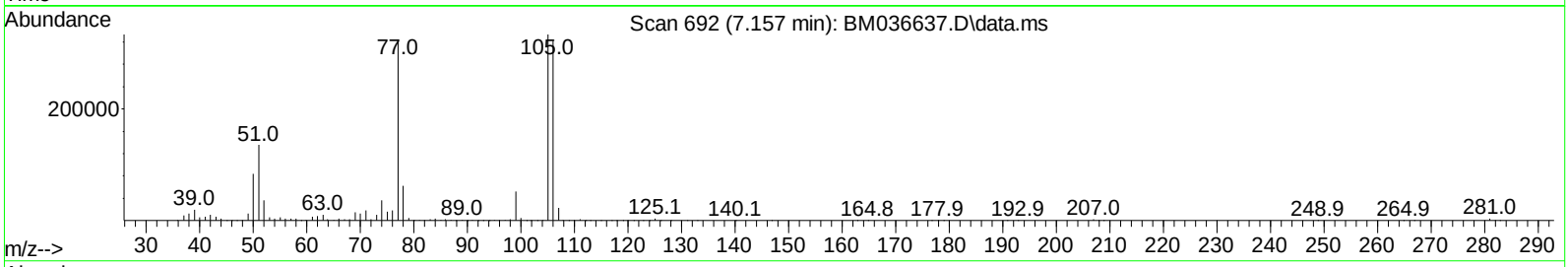
Quant Time: Sep 22 01:15:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 21 22:42:41 2022
Response via : Initial Calibration

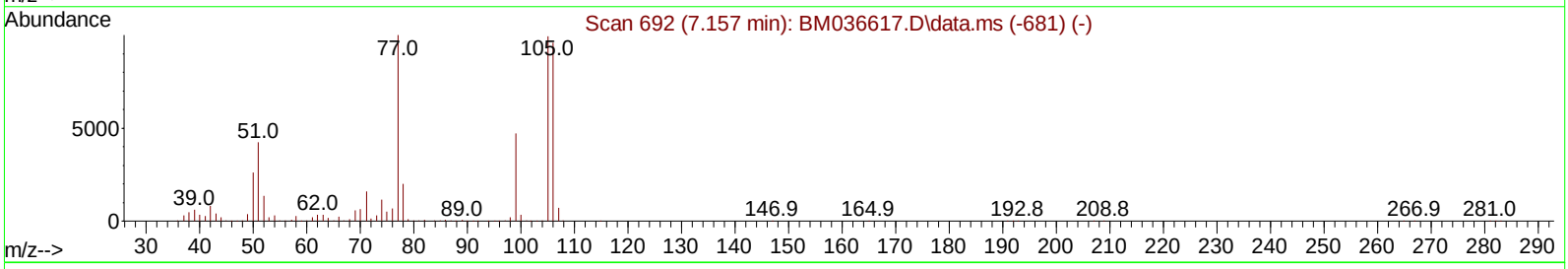
Instrument :
BNA_M
ClientSampleId :
A5746MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/22/2022
Supervised By :mohammad ahmed 09/23/2022







TIC: BM036637.D\data.ms

(6) Benzaldehyde

7.157min (-0.000) 42.80 ng/ul

response 518098

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	102.80
106.00	91.30	99.25
0.00	0.00	0.00

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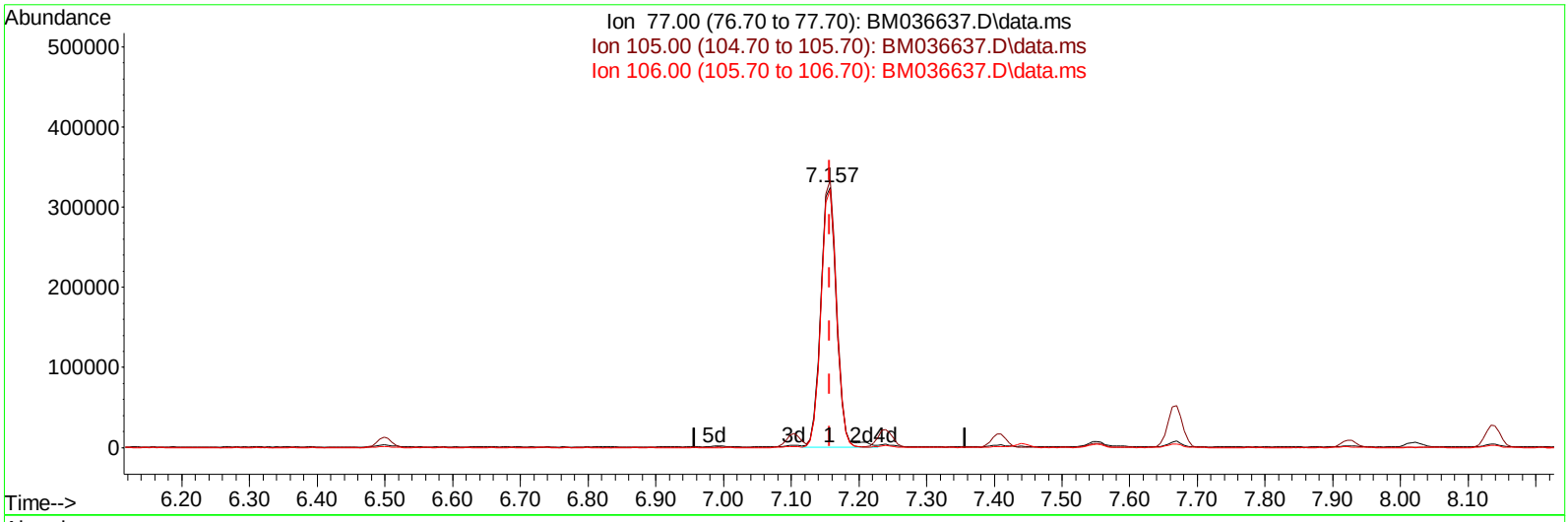

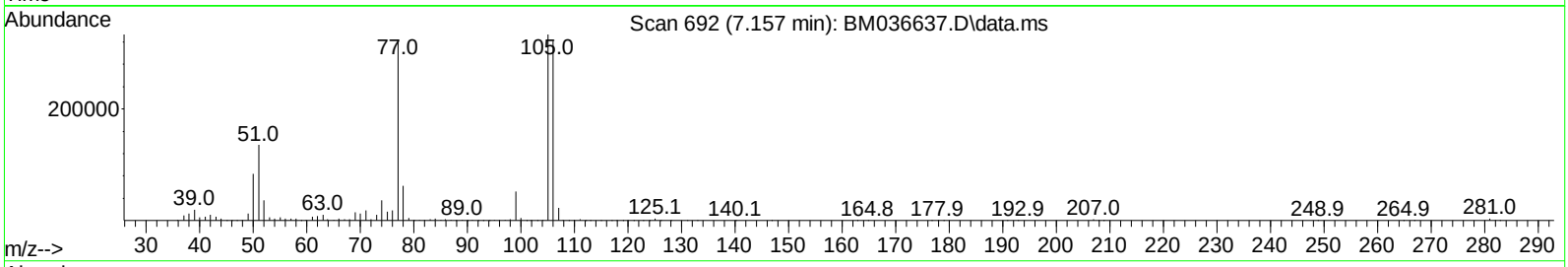

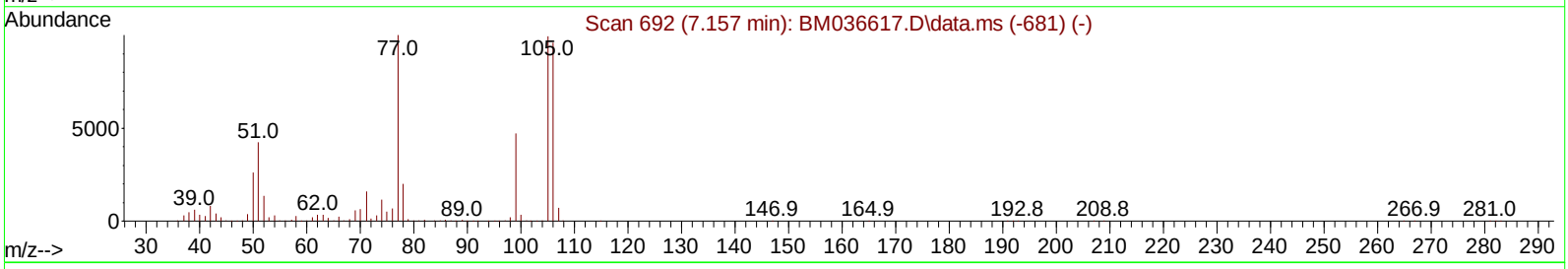

TIC: BM036637.D\data.ms

(6) Benzaldehyde

7.157min (-0.000) 43.67 ng/ul m

response 528585

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	102.80
106.00	91.30	99.25
0.00	0.00	0.00

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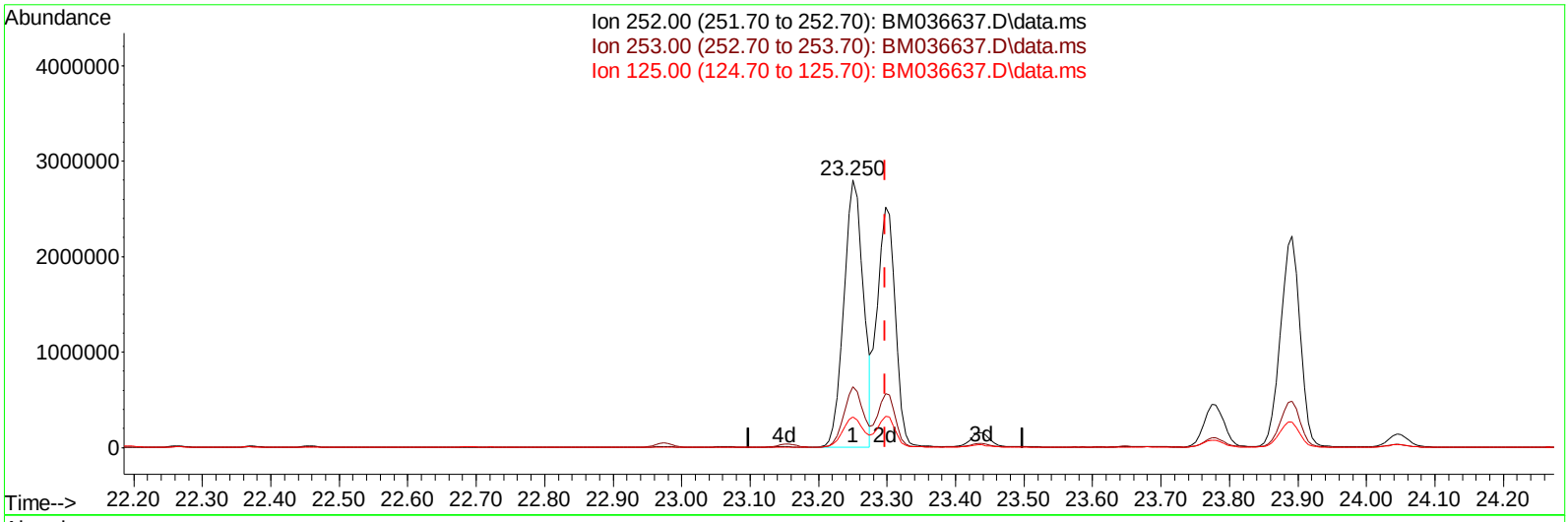

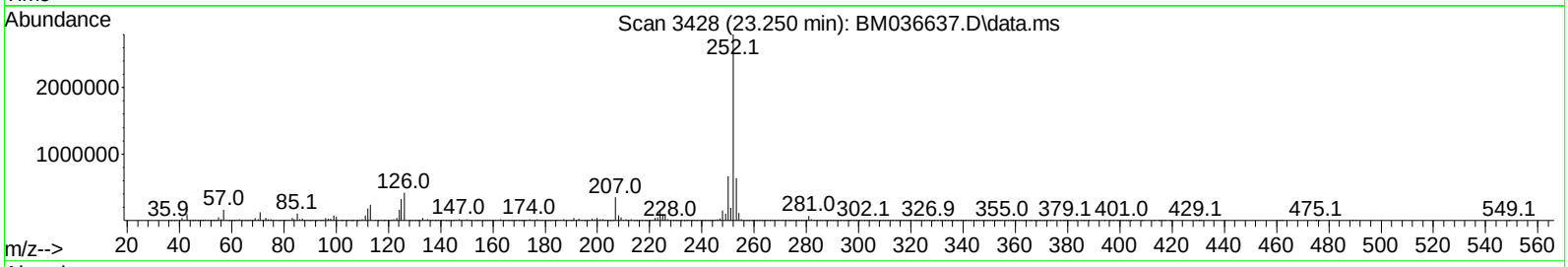

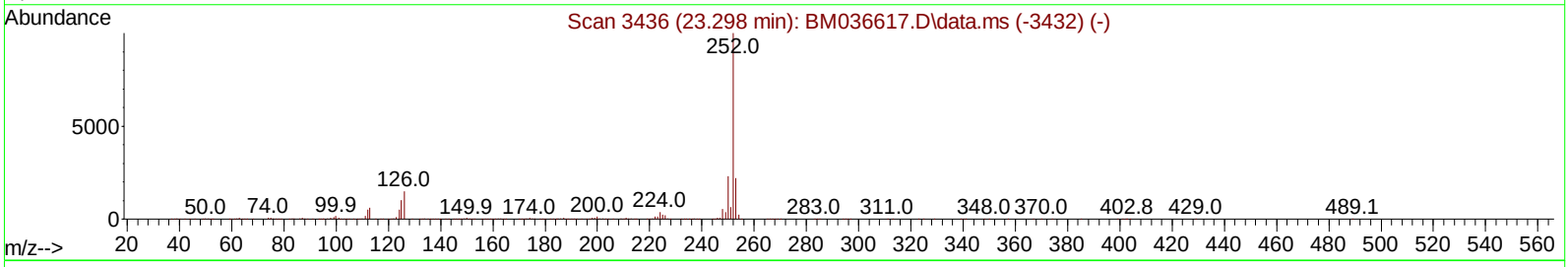

TIC: BM036637.D\data.ms

(91) Benzo(k)fluoranthene

23.250min (-0.047) 54.51 ng/ul

response 5556416

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	22.81
125.00	10.30	11.49
0.00	0.00	0.00

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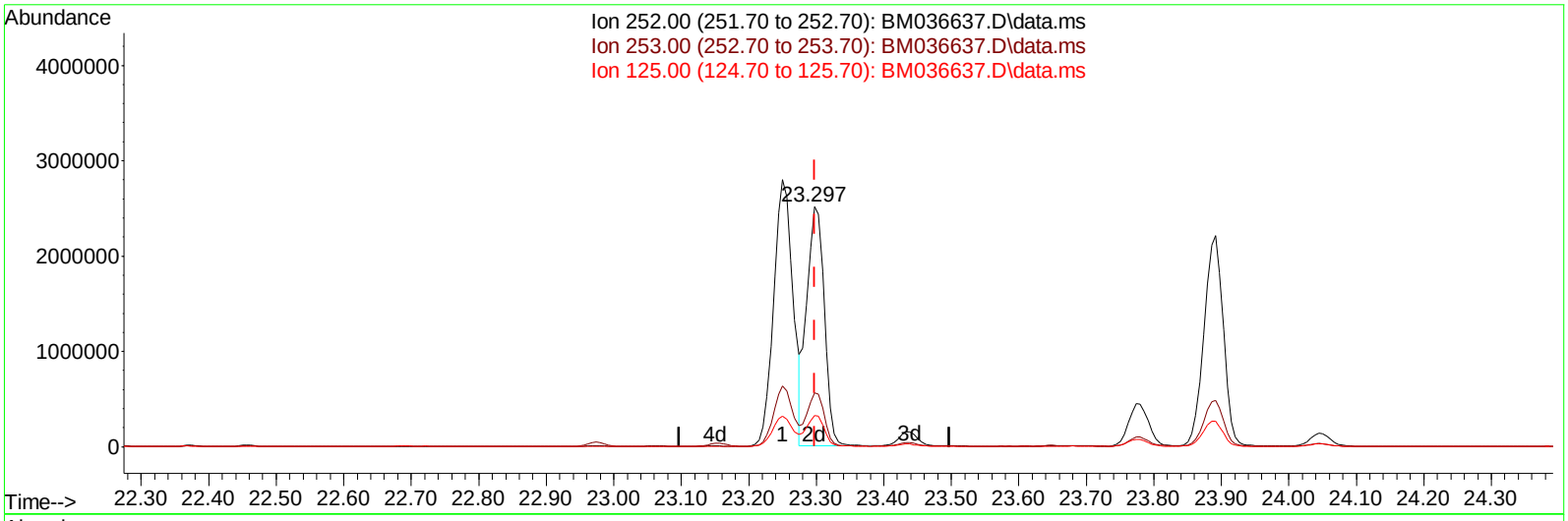

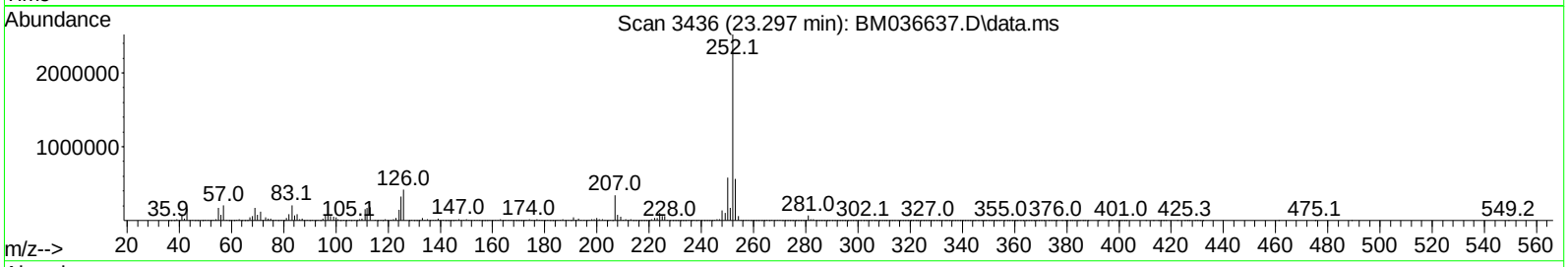

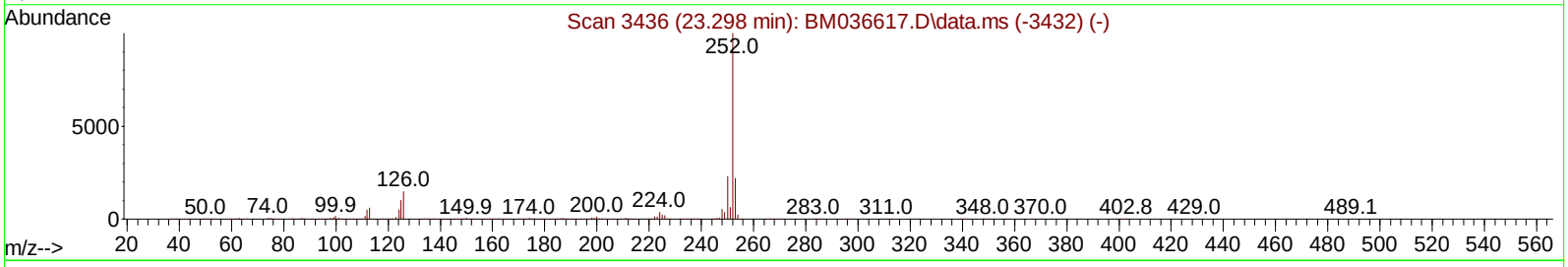

TIC: BM036637.D\data.ms

(91) Benzo(k)fluoranthene

23.297min (-0.000) 45.09 ng/ul m

response 4595854

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	22.28
125.00	10.30	13.05#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 09/23/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	279725	20.000	ng/ul	0.00
20) Naphthalene-d8	10.833	136	1271330	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.645	164	821026	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	1720063	20.000	ng/ul	0.00
79) Chrysene-d12	21.550	240	1682772	20.000	ng/ul	0.00
88) Perylene-d12	23.997	264	1608721	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	27729	3.716	ng/uL	0.00
4) Pyridine-d5	3.828	84	53486	2.458	ng/ul	0.01
7) Phenol-d5	7.175	99	554341	22.176	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.345	67	364539	24.013	ng/ul	0.00
11) 2-Chlorophenol-d4	7.551	132	464079	25.786	ng/ul	0.00
15) 4-Methylphenol-d8	8.734	113	386155	20.906	ng/ul	0.00
21) Nitrobenzene-d5	9.187	128	247809	28.798	ng/ul	0.00
24) 2-Nitrophenol-d4	9.910	143	244017	31.659	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	468999	26.256	ng/ul	0.00
31) 4-Chloroaniline-d4	10.969	131	253760	8.545	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	1505996	27.197	ng/ul	0.00
49) Acenaphthylene-d8	14.339	160	1813646	27.612	ng/ul	0.00
54) 4-Nitrophenol-d4	14.833	143	200447	18.663	ng/ul	0.00
60) Fluorene-d10	15.633	176	1361025	27.427	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	205987	30.269	ng/ul	0.00
73) Anthracene-d10	17.480	188	2169008	27.579	ng/ul	0.00
81) Pyrene-d10	19.762	212	2598677	31.390	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.839	264	2276348	28.963	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	84129	10.466	ng/uL	94
5) Pyridine	3.840	79	297745	13.618	ng/ul	92
6) Benzaldehyde	7.157	77	528585m	43.667	ng/ul	
8) Phenol	7.204	94	876519	32.671	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.440	93	653149	31.290	ng/ul	99
12) 2-Chlorophenol	7.581	128	669579	34.394	ng/ul	97
13) 2-Methylphenol	8.463	108	640806	32.495	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.557	45	750111	30.319	ng/ul	97
16) Acetophenone	8.851	105	1109374	34.627	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.834	70	510019	32.992	ng/ul	94
18) 4-Methylphenol	8.792	108	717719	33.657	ng/ul	98
19) Hexachloroethane	9.110	117	269040	34.119	ng/ul	89
22) Nitrobenzene	9.228	77	764264	33.452	ng/ul	97
23) Isophorone	9.763	82	1500177	32.204	ng/ul	99
25) 2-Nitrophenol	9.945	139	367029	38.553	ng/ul	97
26) 2,4-Dimethylphenol	10.004	107	588634	25.069	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.245	93	889462	32.035	ng/ul	100
29) 2,4-Dichlorophenol	10.481	162	658190	35.050	ng/ul	100
30) Naphthalene	10.886	128	2667022	38.509	ng/ul	100
32) 4-Chloroaniline	10.992	127	811423	26.464	ng/ul	99
33) Hexachlorobutadiene	11.175	225	371221	32.322	ng/ul	99
34) Caprolactam	11.780	113	223004	36.609	ng/ul	92
35) 4-Chloro-3-methylphenol	12.110	107	750214	36.191	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	12.486	142	1882788	40.802 ng/ul	100
37) 1-Methylnaphthalene	12.704	142	1852451	39.933 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.851	216	750834	32.310 ng/ul	99
40) Hexachlorocyclopentadiene	12.833	237	289111	23.873 ng/ul	97
41) 2,4,6-Trichlorophenol	13.086	196	520459	36.578 ng/ul	99
42) 2,4,5-Trichlorophenol	13.157	196	573904	37.621 ng/ul	98
43) 1,1'-Biphenyl	13.486	154	2027201	33.495 ng/ul	99
44) 2-Chloronaphthalene	13.527	162	1558454	32.815 ng/ul	100
45) 2-Nitroaniline	13.727	65	467222	39.969 ng/ul	99
47) Dimethylphthalate	14.104	163	1965128	33.456 ng/ul	100
48) 2,6-Dinitrotoluene	14.222	165	396572	41.527 ng/ul	95
50) Acenaphthylene	14.369	152	2739439	36.480 ng/ul	99
51) 3-Nitroaniline	14.551	138	406674	35.506 ng/ul#	92
52) Acenaphthene	14.710	153	1763680	33.566 ng/ul	100
53) 2,4-Dinitrophenol	14.751	184	186456	44.002 ng/ul	93
55) 4-Nitrophenol	14.851	109	329008	35.835 ng/ul	94
56) Dibenzofuran	15.045	168	2533880	35.909 ng/ul	99
57) 2,4-Dinitrotoluene	15.004	165	592789	42.698 ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.263	232	494918	38.757 ng/ul#	97
59) Diethylphthalate	15.463	149	2095189	35.632 ng/ul	100
61) Fluorene	15.692	166	2101502	34.967 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.686	204	972757	33.844 ng/ul	98
63) 4-Nitroaniline	15.704	138	452111	40.628 ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.763	198	301040	39.201 ng/ul	97
67) N-Nitrosodiphenylamine	15.892	169	1794502	35.422 ng/ul	98
68) 4-Bromophenyl-phenylether	16.574	248	579080	34.157 ng/ul	99
69) Hexachlorobenzene	16.686	284	684155	34.118 ng/ul	97
70) Atrazine	16.845	200	639647	35.780 ng/ul	98
71) Pentachlorophenol	17.033	266	391421	32.862 ng/ul	99
72) Phenanthrene	17.427	178	4978738	52.550 ng/ul	99
74) Anthracene	17.515	178	3598382	37.366 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	792664	33.694 ng/uL	99
76) Pentachlorobenzene	14.963	250	751561	29.537 ng/uL	99
77) Carbazole	17.786	167	3399549	38.129 ng/ul	100
78) Di-n-butylphthalate	18.351	149	3997865	39.561 ng/ul	99
80) Fluoranthene	19.433	202	6898010	67.997 ng/ul	100
82) Pyrene	19.792	202	6639059	61.826 ng/ul	97
83) Butylbenzylphthalate	20.686	149	1839819	45.215 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.468	252	355087	10.799 ng/ul	97
85) Benzo(a)anthracene	21.533	228	5077941	48.162 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.462	149	2722226	45.799 ng/ul	99
87) Chrysene	21.592	228	5250492	52.464 ng/ul	99
89) Di-n-octyl phthalate	22.403	149	4533260	46.742 ng/ul	100
90) Benzo(b)fluoranthene	23.250	252	5556416	54.467 ng/ul	99
91) Benzo(k)fluoranthene	23.297	252	4595854m	45.086 ng/ul	
93) Benzo(a)pyrene	23.891	252	4383438	48.878 ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.550	276	4421509	42.219 ng/ul	98
95) Dibenzo(a,h)anthracene	26.568	278	3468575	36.520 ng/ul	100
96) Benzo(g,h,i)perylene	27.332	276	3584523	39.481 ng/ul	99

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

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