Quantitation Report (Qedit)

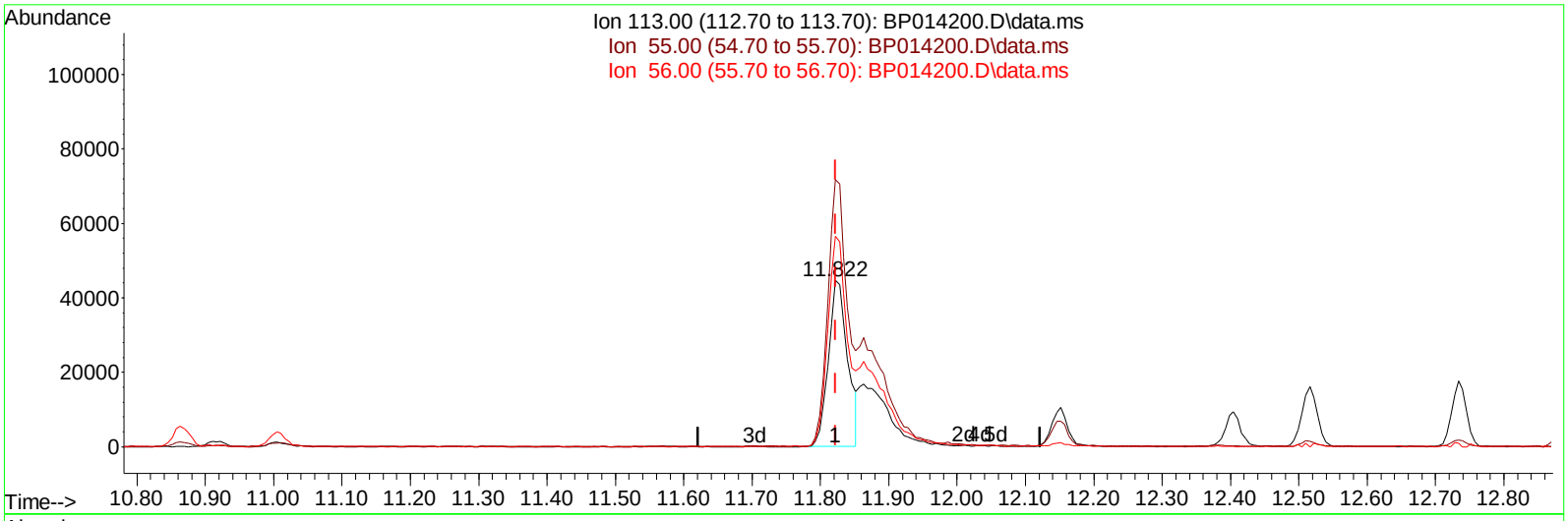
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014200.D
Acq On : 22 Mar 2023 02:52
Operator : CG/JU
Sample : PB151554BS
Misc :
ALS Vial : 67 Sample Multiplier: 1

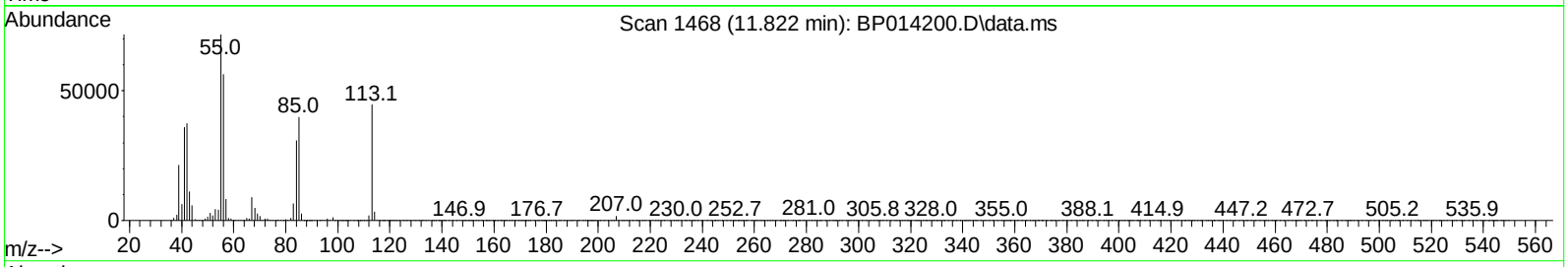
Quant Time: Mar 22 04:55:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 22 03:05:29 2023
Response via : Initial Calibration

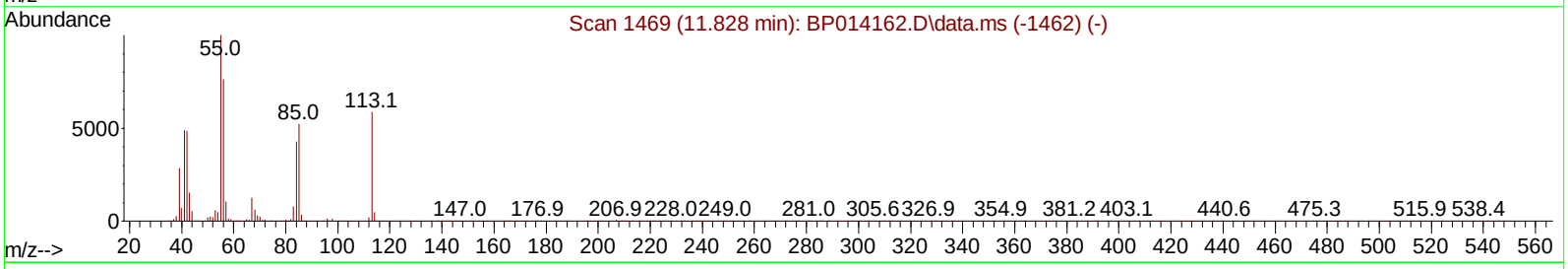
Instrument :
BNA_P
ClientSampleId :
SLCS554

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/22/2023
Supervised By :mohammad ahmed 03/24/2023







TIC: BP014200.D\data.ms

(34) Caprolactam

11.822min (+ 0.000) 20.60 ng/ul

response 87487

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	160.45
56.00	127.50	126.46
0.00	0.00	0.00

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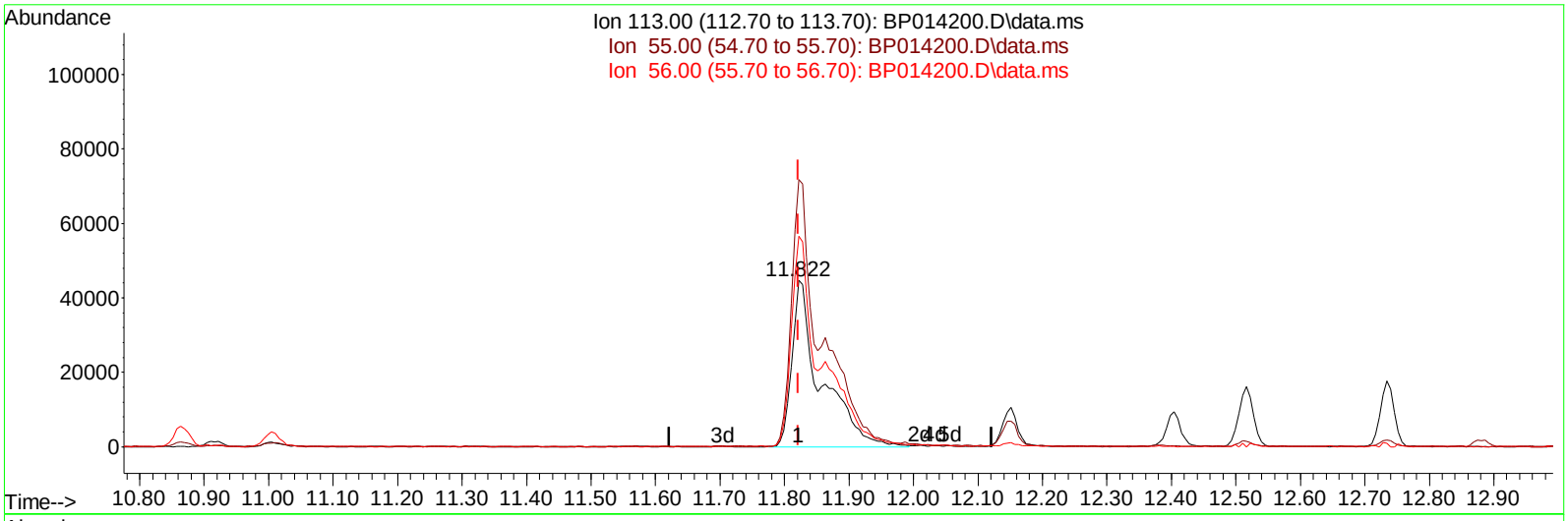

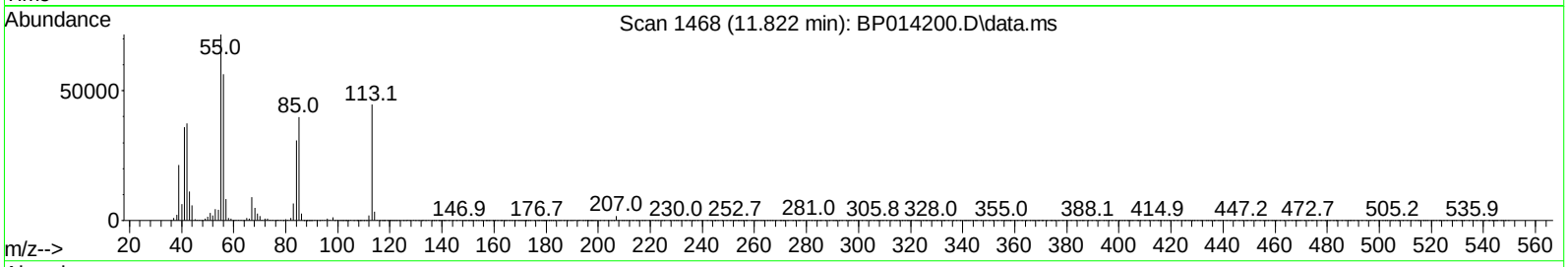

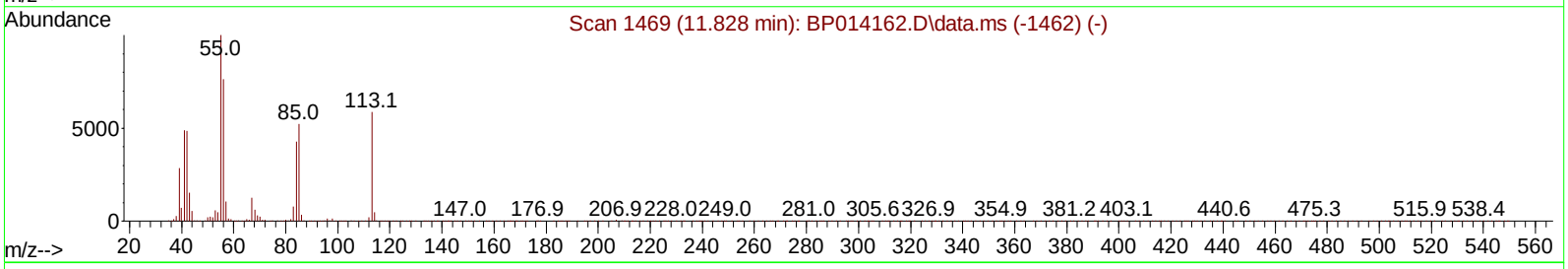

TIC: BP014200.D\data.ms

(34) Caprolactam

11.822min (+ 0.000) 33.00 ng/ul m

response 140150

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	160.45
56.00	127.50	126.46
0.00	0.00	0.00

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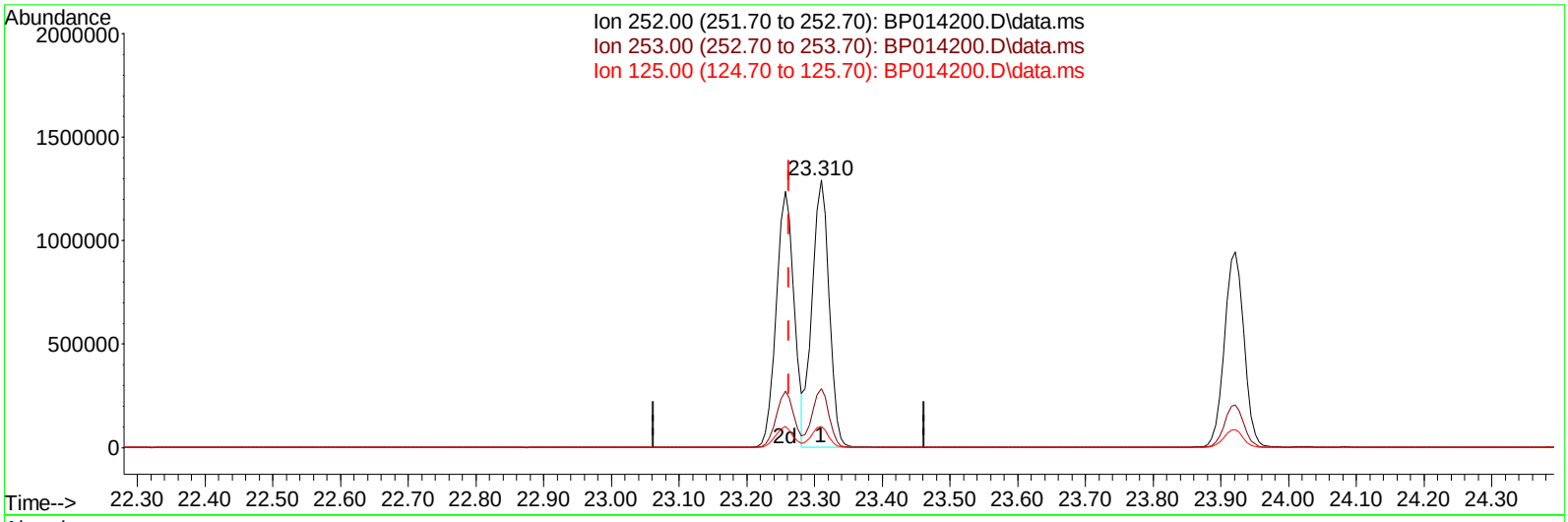

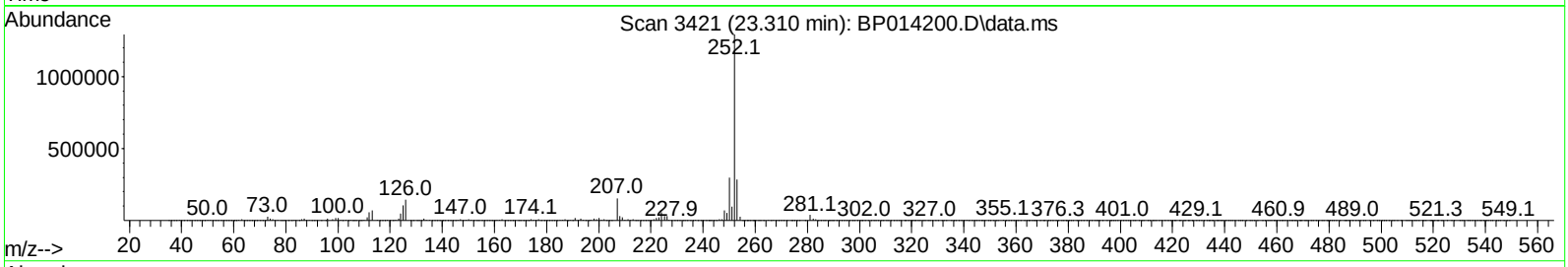

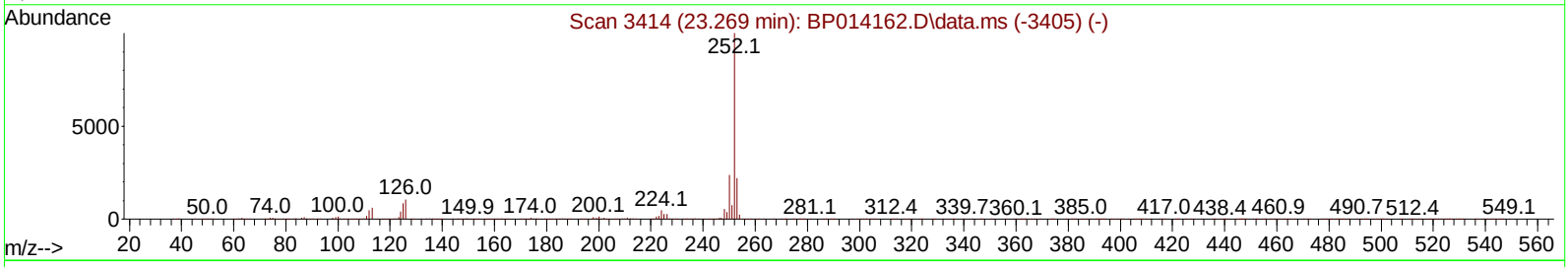

TIC: BP014200.D\data.ms

(90) Benzo(b)fluoranthene

23.310min (+ 0.047) 34.96 ng/ul

response 2270271

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	21.96
125.00	6.80	8.01
0.00	0.00	0.00

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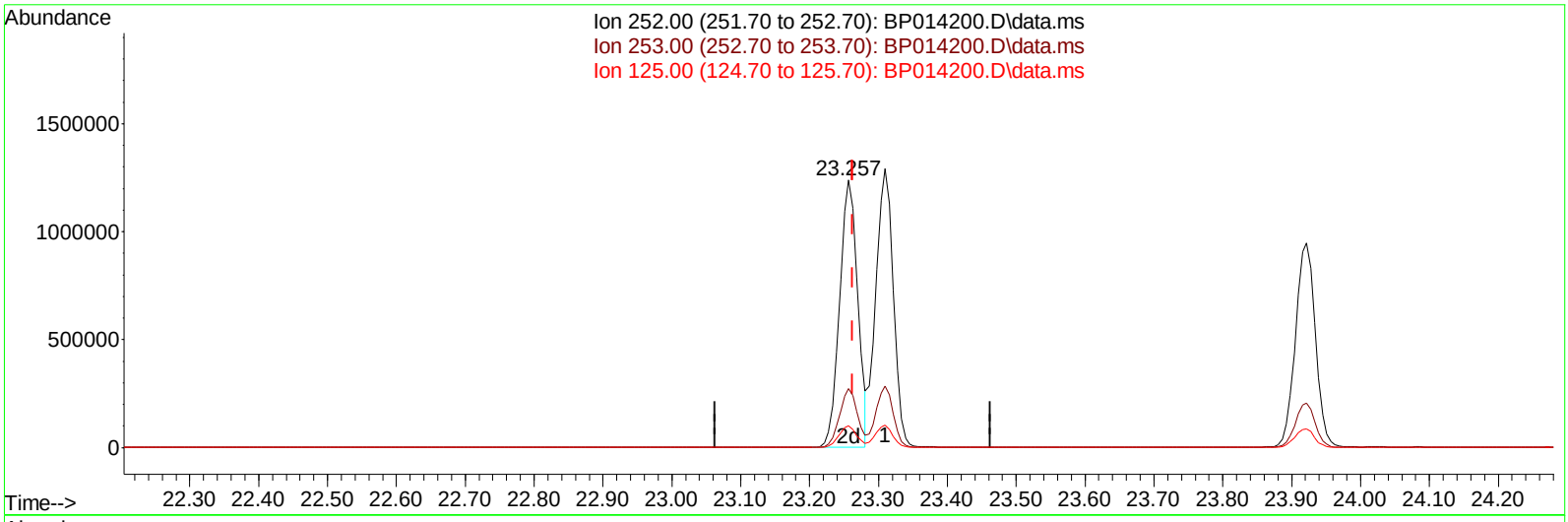

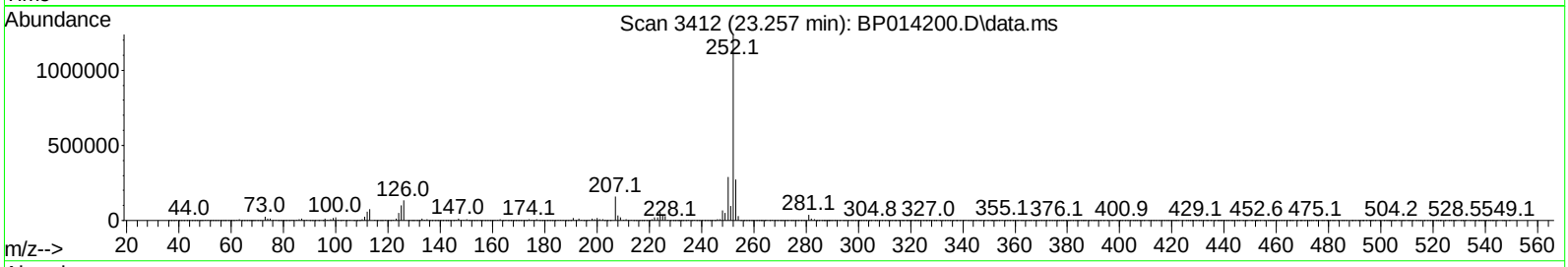

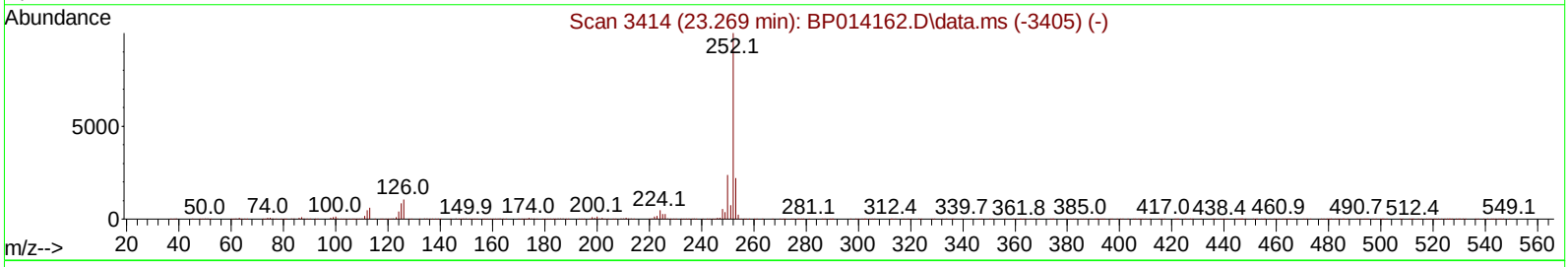

TIC: BP014200.D\data.ms

(90) Benzo(b)fluoranthene

23.257min (-0.006) 34.96 ng/ul m

response 2269951

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	22.08
125.00	6.80	8.23#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	175186	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	737838	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.681	164	497353	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	1159941	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.516	240	1094701	20.000	ng/ul	# 0.00
88) Perylene-d12	24.027	264	974527	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	26362	5.686	ng/uL	0.00
4) Pyridine-d5	3.840	84	397740	30.982	ng/ul	0.00
7) Phenol-d5	7.205	99	539104	34.872	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	322356	35.753	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	395147	33.548	ng/ul	0.00
15) 4-Methylphenol-d8	8.763	113	428972	33.970	ng/ul	0.00
21) Nitrobenzene-d5	9.222	128	200900	34.125	ng/ul	0.00
24) 2-Nitrophenol-d4	9.946	143	238141	33.792	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	430940	32.499	ng/ul	0.00
31) 4-Chloroaniline-d4	11.005	131	508338	28.968	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166	1345296	31.872	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	1485673	33.226	ng/ul	0.00
54) 4-Nitrophenol-d4	14.893	143	232776	31.294	ng/ul	0.00
60) Fluorene-d10	15.675	176	1158967	32.398	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	262512	29.944	ng/ul	0.00
73) Anthracene-d10	17.539	188	1856937	32.977	ng/ul	0.00
81) Pyrene-d10	19.763	212	2259083	37.417	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.869	264	1777249	34.285	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.446	88	52498	10.488	ng/uL	90
5) Pyridine	3.864	79	374118	28.736	ng/ul	98
6) Benzaldehyde	7.181	77	298927	38.860	ng/ul	100
8) Phenol	7.234	94	548439	34.400	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.464	93	423923	34.707	ng/ul	98
12) 2-Chlorophenol	7.605	128	399246	33.643	ng/ul	95
13) 2-Methylphenol	8.493	108	400656	33.796	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.581	45	524418	39.757	ng/ul	97
16) Acetophenone	8.881	105	675986	33.136	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.863	70	358411	34.342	ng/ul	98
18) 4-Methylphenol	8.822	108	440254	33.763	ng/ul	98
19) Hexachloroethane	9.128	117	175131	33.695	ng/ul	95
22) Nitrobenzene	9.263	77	542931	34.475	ng/ul	99
23) Isophorone	9.793	82	999945	32.972	ng/ul	99
25) 2-Nitrophenol	9.975	139	239982	33.041	ng/ul	97
26) 2,4-Dimethylphenol	10.034	107	507546	31.925	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.269	93	596109	33.981	ng/ul	100
29) 2,4-Dichlorophenol	10.510	162	419815	32.096	ng/ul	98
30) Naphthalene	10.916	128	1323575	32.667	ng/ul	99
32) 4-Chloroaniline	11.034	127	439666	24.899	ng/ul	98
33) Hexachlorobutadiene	11.193	225	307168	29.511	ng/ul	97
34) Caprolactam	11.822	113	140150m	32.999	ng/ul	
35) 4-Chloro-3-methylphenol	12.152	107	506249	33.471	ng/ul	97

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.516	142	910740	32.047	ng/ul	100
37) 1-Methylnaphthalene	12.734	142	924651	32.371	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.881	216	563029	31.305	ng/ul	99
40) Hexachlorocyclopentadiene	12.851	237	300632	23.343	ng/ul	98
41) 2,4,6-Trichlorophenol	13.122	196	365034	32.310	ng/ul	97
42) 2,4,5-Trichlorophenol	13.198	196	401930	32.416	ng/ul	99
43) 1,1'-Biphenyl	13.516	154	1270471	33.180	ng/ul	98
44) 2-Chloronaphthalene	13.563	162	1003070	32.983	ng/ul	97
45) 2-Nitroaniline	13.775	65	337284	37.499	ng/ul	94
47) Dimethylphthalate	14.140	163	1336293	31.984	ng/ul	100
48) 2,6-Dinitrotoluene	14.263	165	279579	33.847	ng/ul	99
50) Acenaphthylene	14.410	152	1576836	33.603	ng/ul	100
51) 3-Nitroaniline	14.598	138	259207	35.442	ng/ul	95
52) Acenaphthene	14.745	153	1093394	33.331	ng/ul	100
53) 2,4-Dinitrophenol	14.804	184	171126	27.742	ng/ul	94
55) 4-Nitrophenol	14.904	109	223405	27.805	ng/ul	88
56) Dibenzofuran	15.081	168	1540398	32.277	ng/ul	100
57) 2,4-Dinitrotoluene	15.051	165	415142	33.639	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.310	232	364362	30.716	ng/ul	98
59) Diethylphthalate	15.493	149	1382201	32.618	ng/ul	99
61) Fluorene	15.734	166	1278666	32.323	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.722	204	680379	31.161	ng/ul	99
63) 4-Nitroaniline	15.763	138	290680	38.666	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.816	198	255966	30.603	ng/ul	98
67) N-Nitrosodiphenylamine	15.940	169	1105650	33.750	ng/ul	99
68) 4-Bromophenyl-phenylether	16.622	248	445802	31.792	ng/ul	97
69) Hexachlorobenzene	16.740	284	517741	31.332	ng/ul	97
70) Atrazine	16.892	200	338526	23.959	ng/ul	97
71) Pentachlorophenol	17.087	266	304895	28.228	ng/ul	99
72) Phenanthrene	17.481	178	2088952	33.019	ng/ul	99
74) Anthracene	17.575	178	2140432	33.367	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.487	216	574883	32.294	ng/uL	99
76) Pentachlorobenzene	14.998	250	579235	31.324	ng/uL	99
77) Carbazole	17.845	167	1904915	33.666	ng/ul	100
78) Di-n-butylphthalate	18.375	149	2484879	35.139	ng/ul	99
80) Fluoranthene	19.433	202	2613505	37.977	ng/ul#	94
82) Pyrene	19.792	202	2684817	37.399	ng/ul	95
83) Butylbenzylphthalate	20.645	149	1177048	40.663	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.427	252	850698	30.356	ng/ul	99
85) Benzo(a)anthracene	21.498	228	2601689	33.789	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.392	149	1773424	40.979	ng/ul	99
87) Chrysene	21.557	228	2454940	33.455	ng/ul	100
89) Di-n-octyl phthalate	22.357	149	2947869	47.939	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	2269951m	34.956	ng/ul	
91) Benzo(k)fluoranthene	23.310	252	2270271	36.664	ng/ul	99
93) Benzo(a)pyrene	23.921	252	1912878	33.867	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.680	276	2267889	30.331	ng/ul#	96
95) Dibenzo(a,h)anthracene	26.686	278	1888445	30.388	ng/ul	98
96) Benzo(g,h,i)perylene	27.492	276	1805421	30.209	ng/ul	98

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

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