Quantitation Report (Qedit)

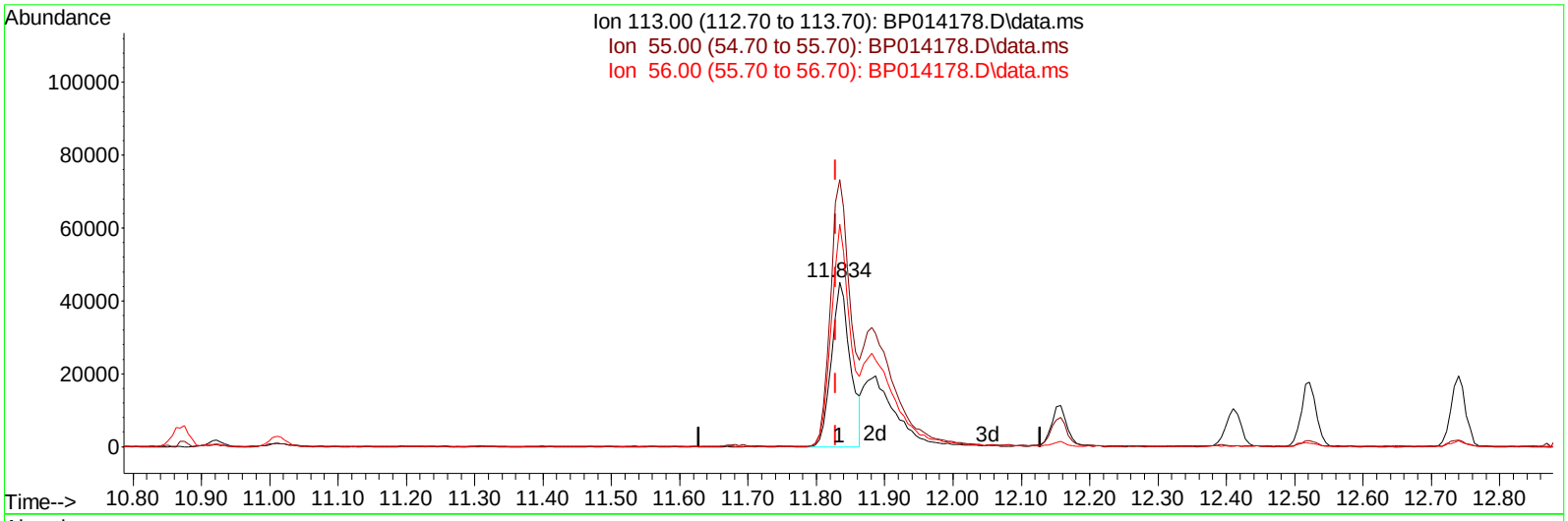
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014178.D
Acq On : 21 Mar 2023 13:15
Operator : CG/JU
Sample : PB151507BS
Misc :
ALS Vial : 44 Sample Multiplier: 1

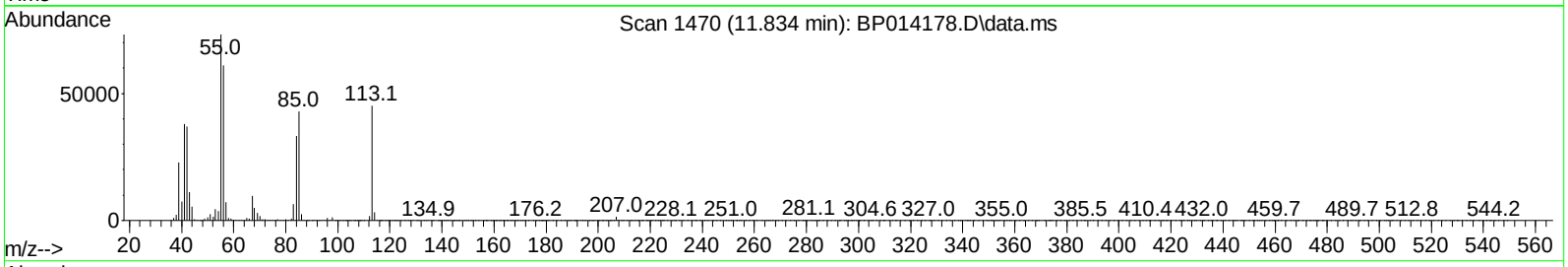
Quant Time: Mar 22 01:18:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 21 04:47:07 2023
Response via : Initial Calibration

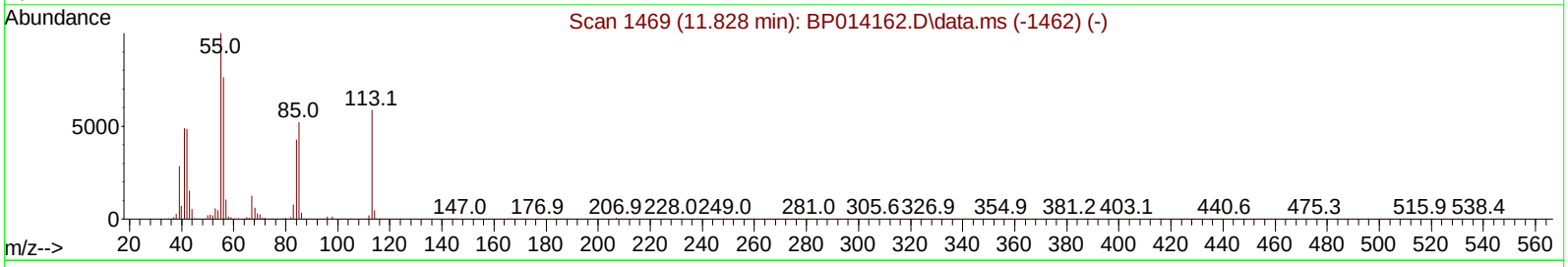
Instrument :
BNA_P
ClientSampleId :
SLCS507

Manual IntegrationsAPPROVED

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







TIC: BP014178.D\data.ms

(34) Caprolactam

11.834min (+ 0.006) 20.11 ng/ul

response 86960

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	161.87
56.00	127.50	134.91
0.00	0.00	0.00

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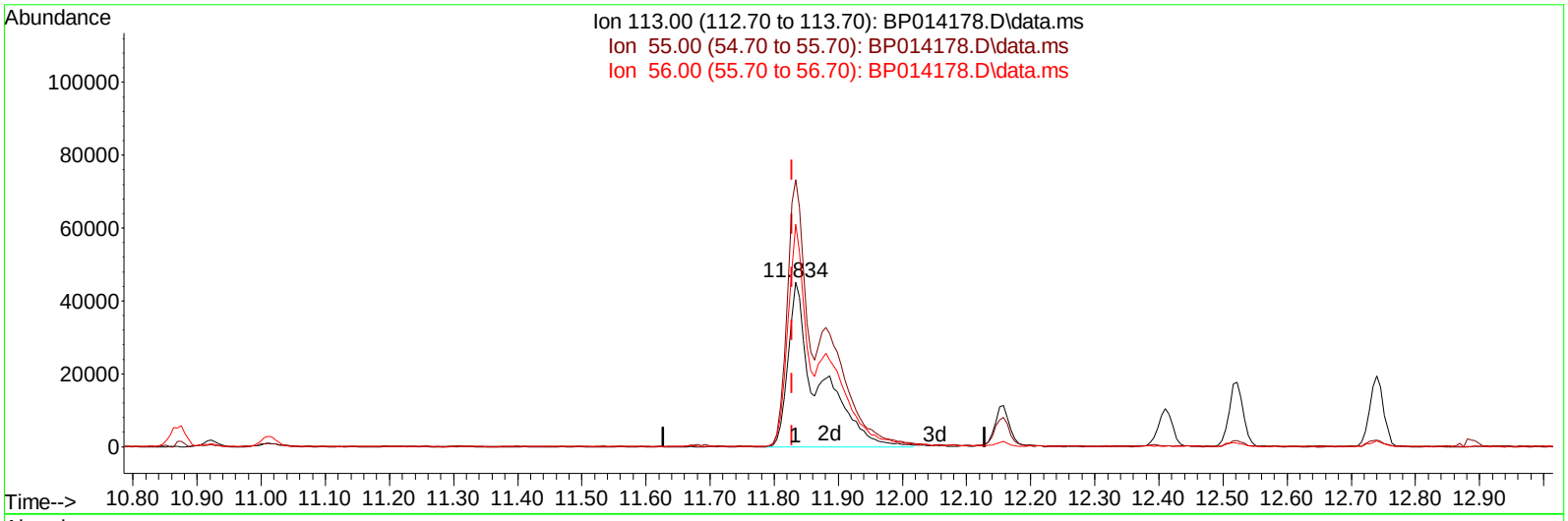

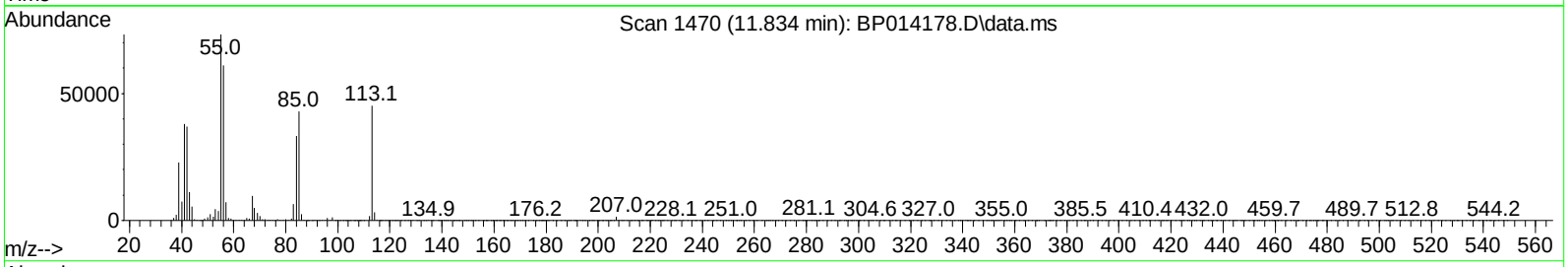

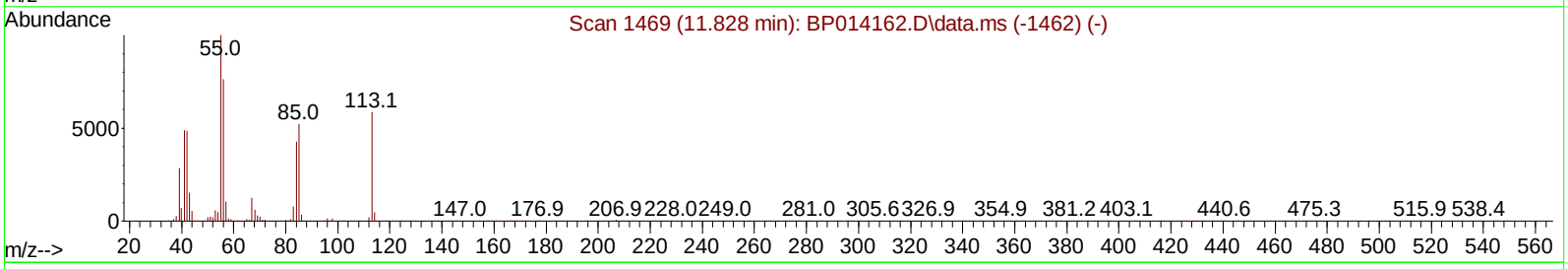

TIC: BP014178.D\data.ms

(34) Caprolactam

11.834min (+ 0.006) 34.56 ng/ul m

response 149434

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	161.87
56.00	127.50	134.91
0.00	0.00	0.00

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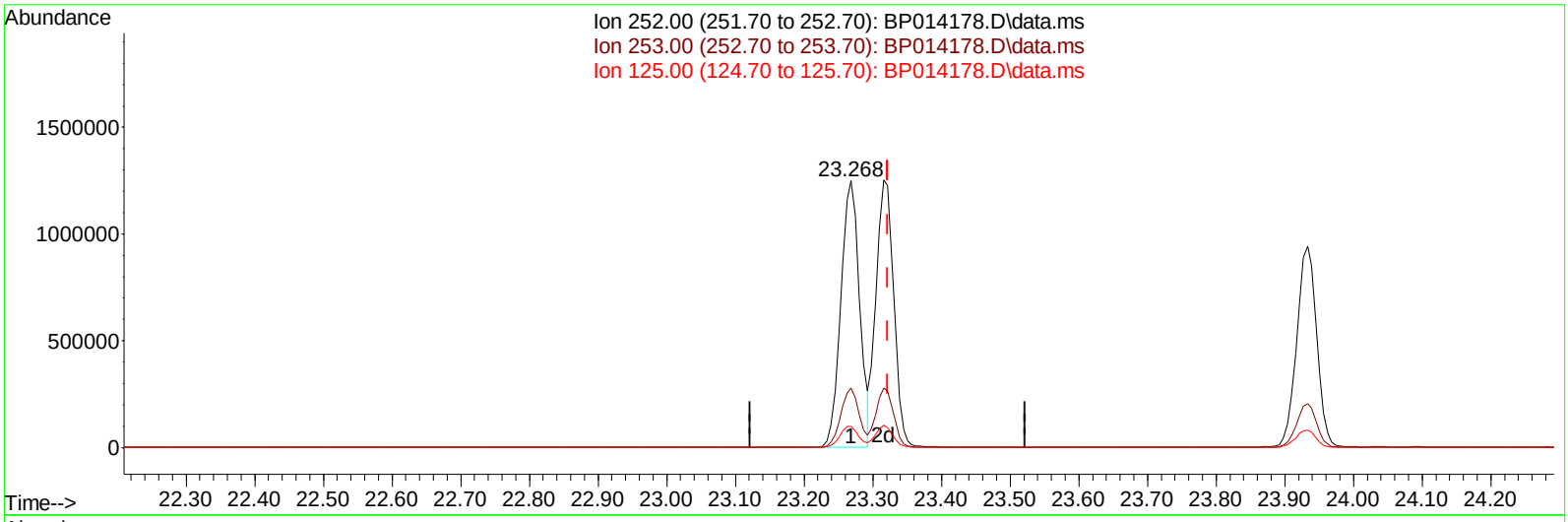

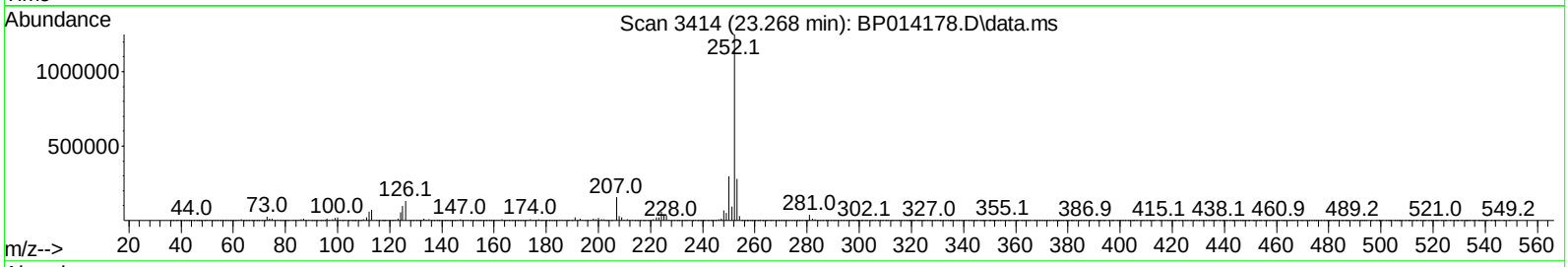

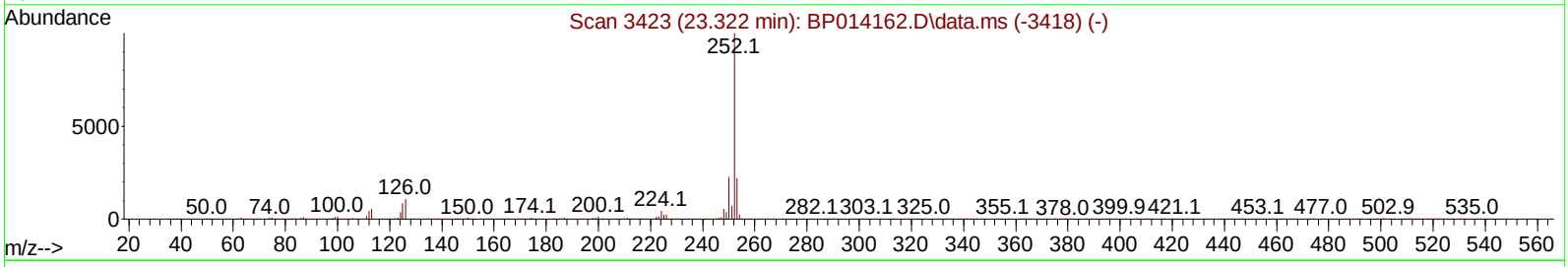

TIC: BP014178.D\data.ms

(91) Benzo(k)fluoranthene

23.268min (-0.053) 39.39 ng/ul

response 2351003

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	22.37
125.00	6.90	7.94
0.00	0.00	0.00

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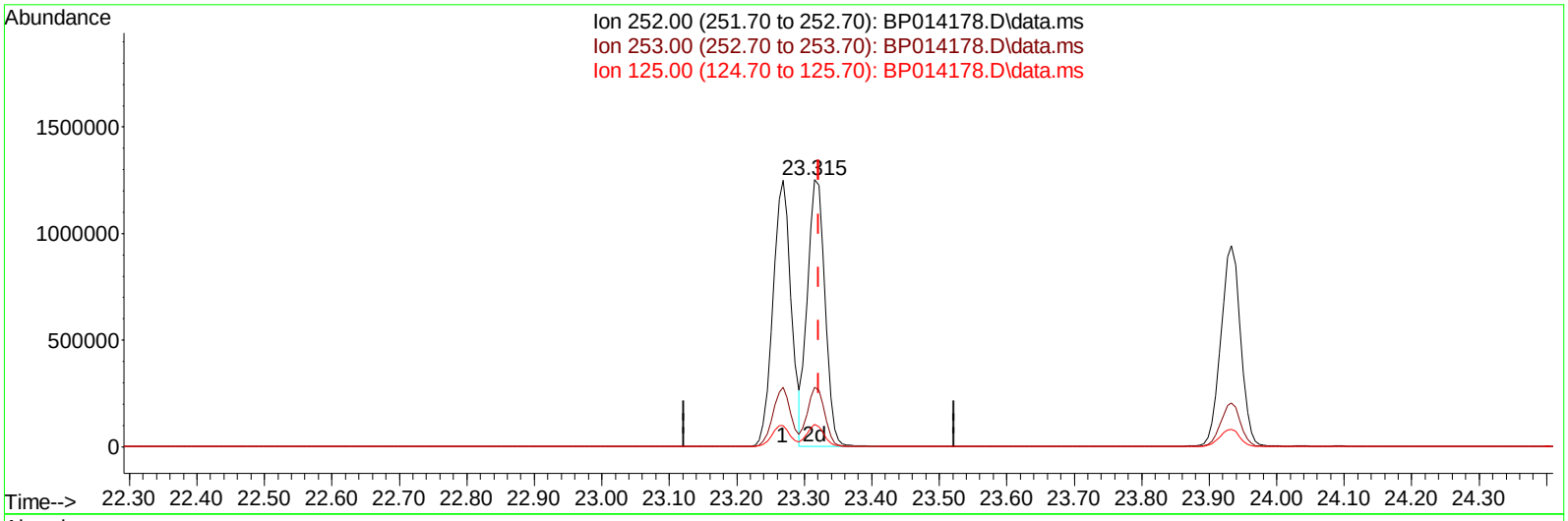

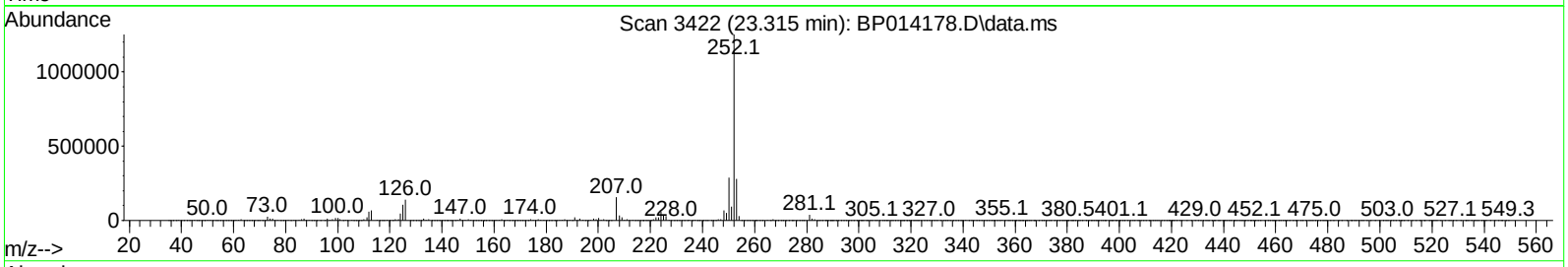

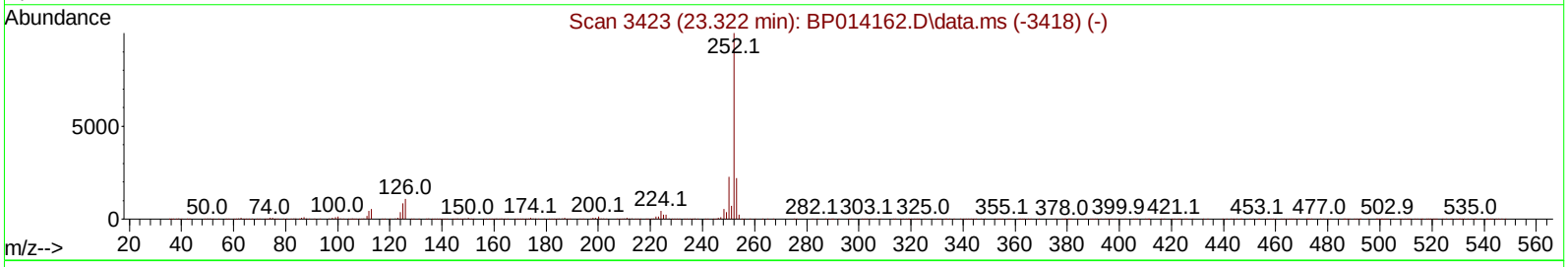

TIC: BP014178.D\data.ms

(91) Benzo(k)fluoranthene

23.315min (-0.006) 37.84 ng/ul m

response 2258305

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	22.37
125.00	6.90	8.46#
0.00	0.00	0.00

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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	179477	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	751229	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.687	164	514954	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	1182086	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.521	240	1106944	20.000	ng/ul	# 0.00
88) Perylene-d12	24.039	264	939228	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	28243	5.946	ng/uL	0.00
4) Pyridine-d5	3.846	84	359904	27.364	ng/ul	0.00
7) Phenol-d5	7.210	99	570797	36.039	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	337089	36.493	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	416081	34.481	ng/ul	0.00
15) 4-Methylphenol-d8	8.763	113	459480	35.516	ng/ul	0.00
21) Nitrobenzene-d5	9.222	128	213937	35.692	ng/ul	0.00
24) 2-Nitrophenol-d4	9.951	143	250535	34.917	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	463250	34.313	ng/ul	0.00
31) 4-Chloroaniline-d4	11.010	131	414865	23.220	ng/ul	0.00
46) Dimethylphthalate-d6	14.092	166	1434405	32.822	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	1594147	34.434	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	259128	33.646	ng/ul	0.00
60) Fluorene-d10	15.681	176	1221134	32.970	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	298474	33.408	ng/ul	0.00
73) Anthracene-d10	17.545	188	1982591	34.549	ng/ul	0.00
81) Pyrene-d10	19.769	212	2384954	39.065	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.880	264	1787731	35.783	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	57827	11.277	ng/uL	93
5) Pyridine	3.864	79	373687	28.017	ng/ul	92
6) Benzaldehyde	7.187	77	265674	33.712	ng/ul	99
8) Phenol	7.234	94	572978	35.080	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.463	93	437990	35.002	ng/ul	97
12) 2-Chlorophenol	7.610	128	418185	34.397	ng/ul	96
13) 2-Methylphenol	8.499	108	423119	34.838	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.581	45	560413	41.470	ng/ul	99
16) Acetophenone	8.881	105	713880	34.157	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.869	70	389376	36.417	ng/ul	99
18) 4-Methylphenol	8.828	108	470050	35.186	ng/ul	98
19) Hexachloroethane	9.134	117	183721	34.503	ng/ul	96
22) Nitrobenzene	9.269	77	578681	36.091	ng/ul	100
23) Isophorone	9.799	82	1077729	34.903	ng/ul	98
25) 2-Nitrophenol	9.981	139	252118	34.093	ng/ul	95
26) 2,4-Dimethylphenol	10.040	107	526659	32.537	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.275	93	631644	35.365	ng/ul	98
29) 2,4-Dichlorophenol	10.516	162	443918	33.333	ng/ul	98
30) Naphthalene	10.922	128	1386476	33.610	ng/ul	99
32) 4-Chloroaniline	11.034	127	438698	24.401	ng/ul	99
33) Hexachlorobutadiene	11.198	225	325623	30.726	ng/ul	95
34) Caprolactam	11.834	113	149434m	34.558	ng/ul	
35) 4-Chloro-3-methylphenol	12.157	107	542676	35.239	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.522	142	958794	33.137	ng/ul	100
37) 1-Methylnaphthalene	12.740	142	980487	33.714	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.887	216	596553	32.035	ng/ul	98
40) Hexachlorocyclopentadiene	12.857	237	357064	26.777	ng/ul	99
41) 2,4,6-Trichlorophenol	13.128	196	388654	33.224	ng/ul	97
42) 2,4,5-Trichlorophenol	13.204	196	429406	33.448	ng/ul	99
43) 1,1'-Biphenyl	13.522	154	1340219	33.805	ng/ul	98
44) 2-Chloronaphthalene	13.569	162	1063866	33.787	ng/ul	98
45) 2-Nitroaniline	13.781	65	362989	38.977	ng/ul	93
47) Dimethylphthalate	14.139	163	1427191	32.992	ng/ul	99
48) 2,6-Dinitrotoluene	14.269	165	306383	35.825	ng/ul	98
50) Acenaphthylene	14.416	152	1656540	34.095	ng/ul	100
51) 3-Nitroaniline	14.604	138	272504	35.987	ng/ul	95
52) Acenaphthene	14.751	153	1154081	33.978	ng/ul	99
53) 2,4-Dinitrophenol	14.810	184	205655	32.200	ng/ul	97
55) 4-Nitrophenol	14.910	109	248937	29.924	ng/ul	84
56) Dibenzofuran	15.086	168	1638995	33.170	ng/ul	99
57) 2,4-Dinitrotoluene	15.057	165	444055	34.752	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.316	232	383620	31.234	ng/ul	99
59) Diethylphthalate	15.498	149	1462720	33.338	ng/ul	99
61) Fluorene	15.739	166	1342286	32.771	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.728	204	720005	31.849	ng/ul	98
63) 4-Nitroaniline	15.769	138	308369	39.617	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.822	198	291610	34.212	ng/ul	98
67) N-Nitrosodiphenylamine	15.945	169	1164678	34.886	ng/ul	100
68) 4-Bromophenyl-phenylether	16.622	248	470140	32.899	ng/ul	98
69) Hexachlorobenzene	16.745	284	550625	32.698	ng/ul	98
70) Atrazine	16.892	200	196798	13.667	ng/ul	98
71) Pentachlorophenol	17.092	266	325947	29.611	ng/ul	98
72) Phenanthrene	17.486	178	2213857	34.337	ng/ul	100
74) Anthracene	17.580	178	2253097	34.465	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.492	216	611569	33.711	ng/uL	99
76) Pentachlorobenzene	15.004	250	621057	32.956	ng/uL	98
77) Carbazole	17.851	167	2033097	35.258	ng/ul	99
78) Di-n-butylphthalate	18.375	149	2656828	36.867	ng/ul	100
80) Fluoranthene	19.439	202	2770745	39.817	ng/ul#	95
82) Pyrene	19.792	202	2835188	39.056	ng/ul#	94
83) Butylbenzylphthalate	20.645	149	1269778	43.381	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.433	252	749654	26.455	ng/ul	99
85) Benzo(a)anthracene	21.504	228	2737403	35.159	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.404	149	1881710	43.000	ng/ul	99
87) Chrysene	21.563	228	2569429	34.628	ng/ul	99
89) Di-n-octyl phthalate	22.363	149	3163734	53.383	ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	2351003	37.565	ng/ul	98
91) Benzo(k)fluoranthene	23.315	252	2258305m	37.841	ng/ul	
93) Benzo(a)pyrene	23.933	252	1914146	35.163	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.692	276	2212862	30.708	ng/ul	97
95) Dibenzo(a,h)anthracene	26.704	278	1849055	30.872	ng/ul	98
96) Benzo(g,h,i)perylene	27.509	276	1779252	30.891	ng/ul	98

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

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