Quantitation Report (Qedit)

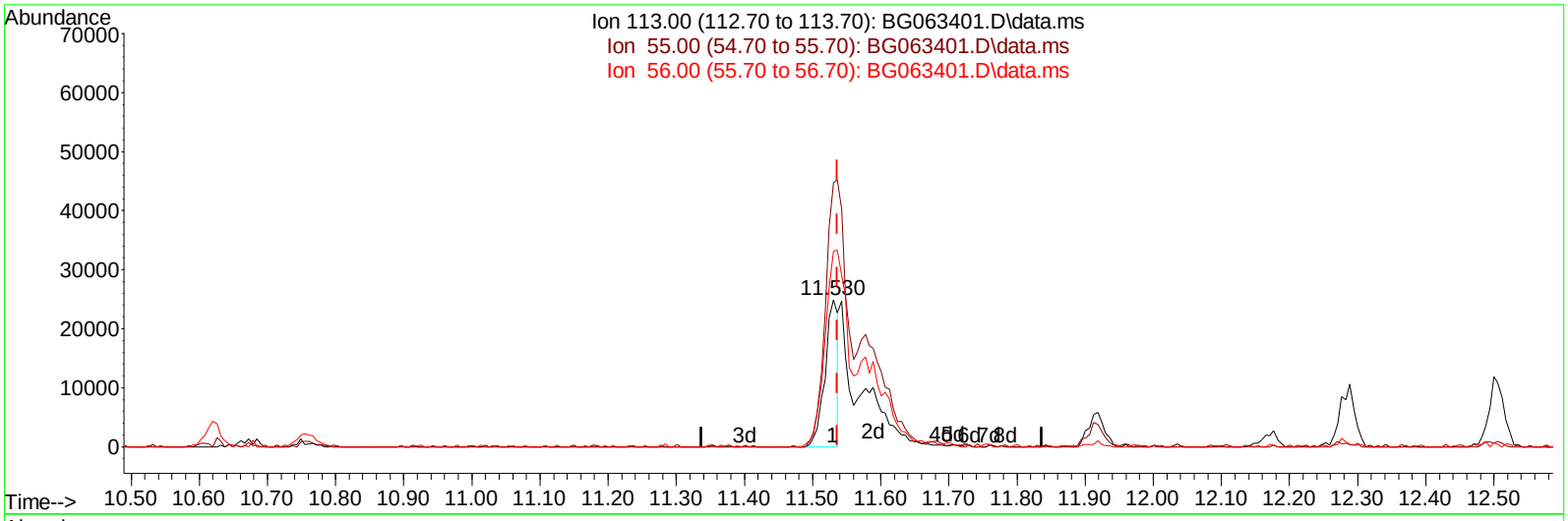
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063401.D
Acq On : 14 Nov 2024 21:13
Operator : RC/JU
Sample : PB164838BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

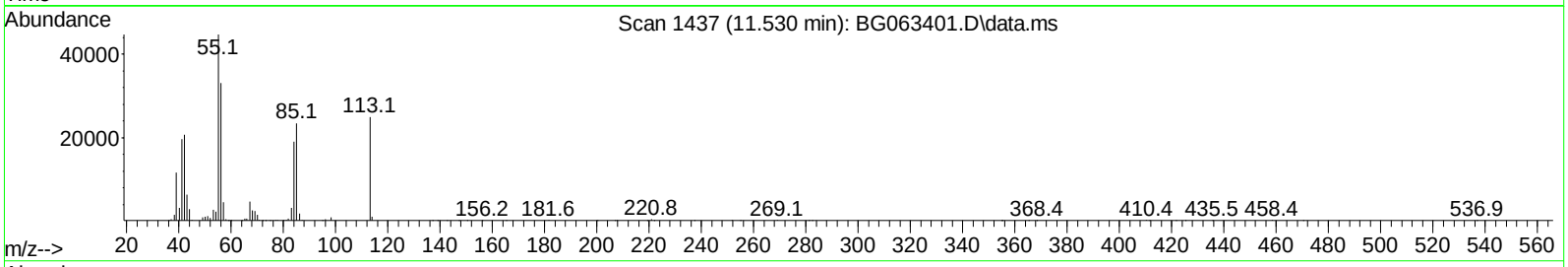
Quant Time: Nov 14 22:56:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

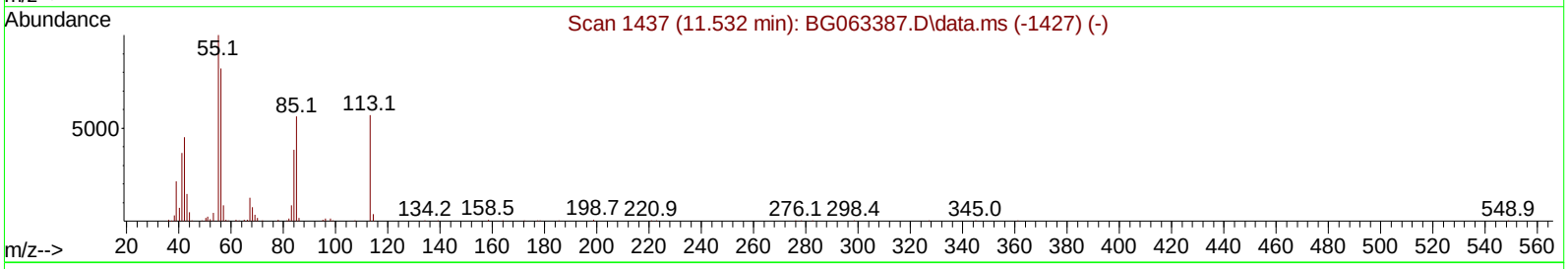
Instrument :
BNA_G
ClientSampleId :
SLCS838

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/18/2024







TIC: BG063401.D\data.ms

(34) Caprolactam

11.530min (-0.006) 10.28 ng/ul

response 33165

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	179.83#
56.00	105.40	133.14#
0.00	0.00	0.00

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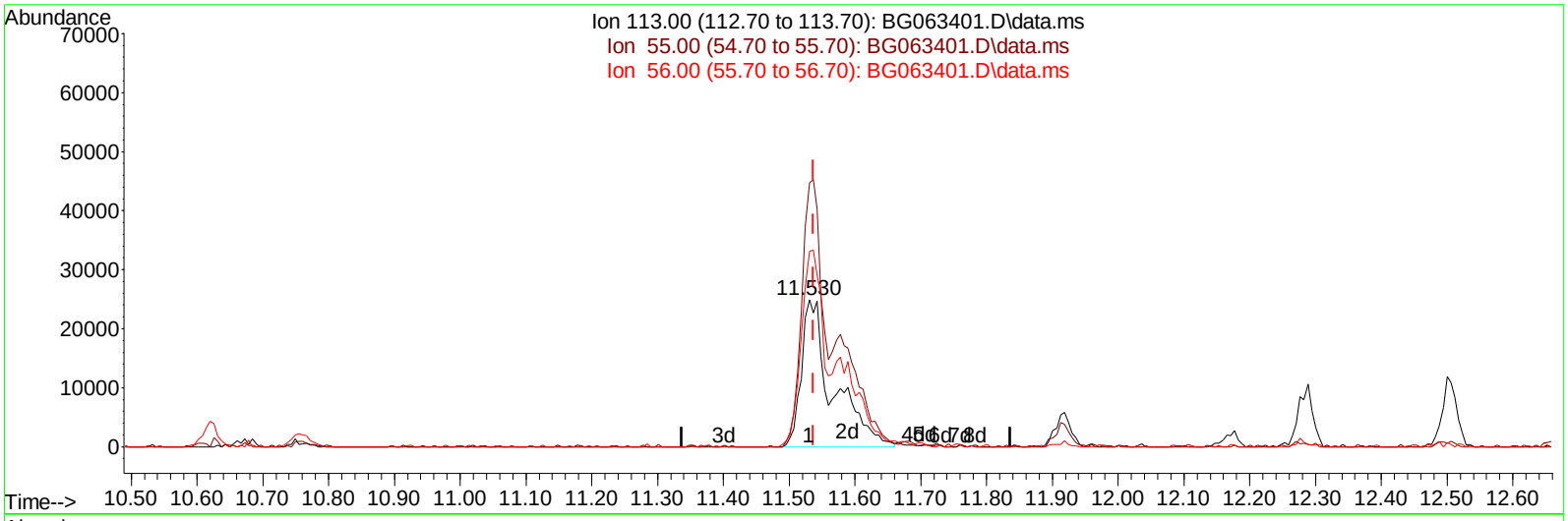

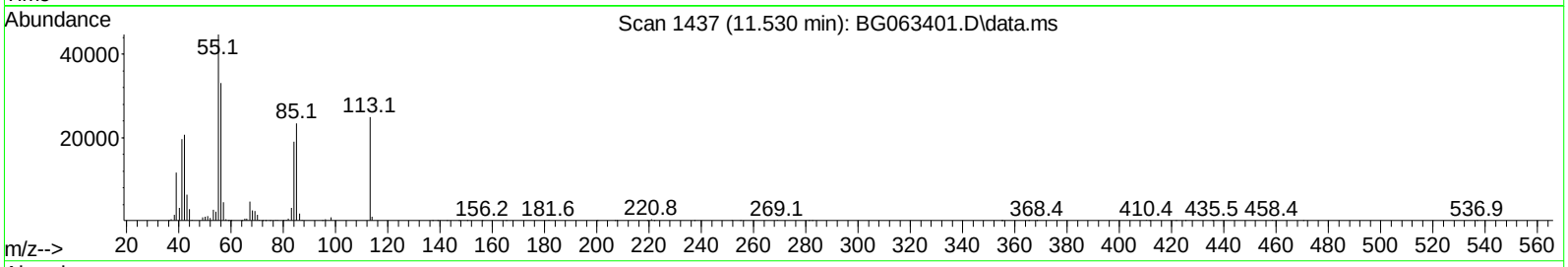

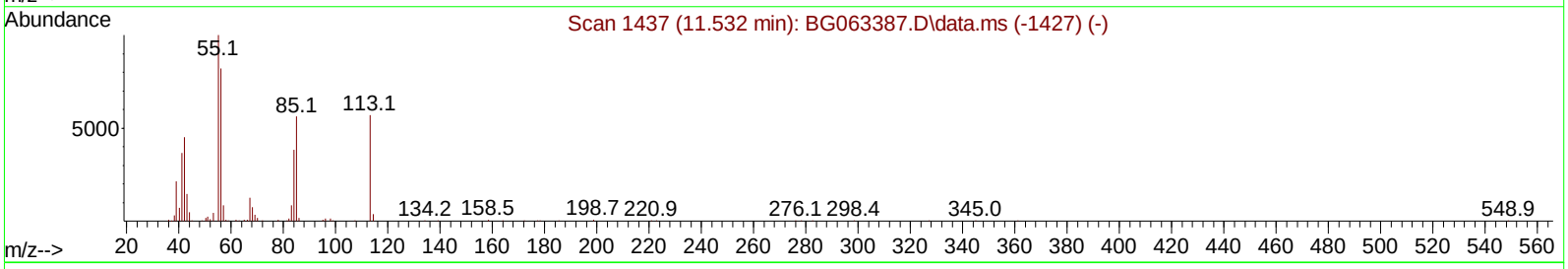

TIC: BG063401.D\data.ms

(34) Caprolactam

11.530min (-0.006) 25.50 ng/ul m

response 82259

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	179.83#
56.00	105.40	133.14#
0.00	0.00	0.00

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Misc :
ALS Vial : 16 Sample Multiplier: 1

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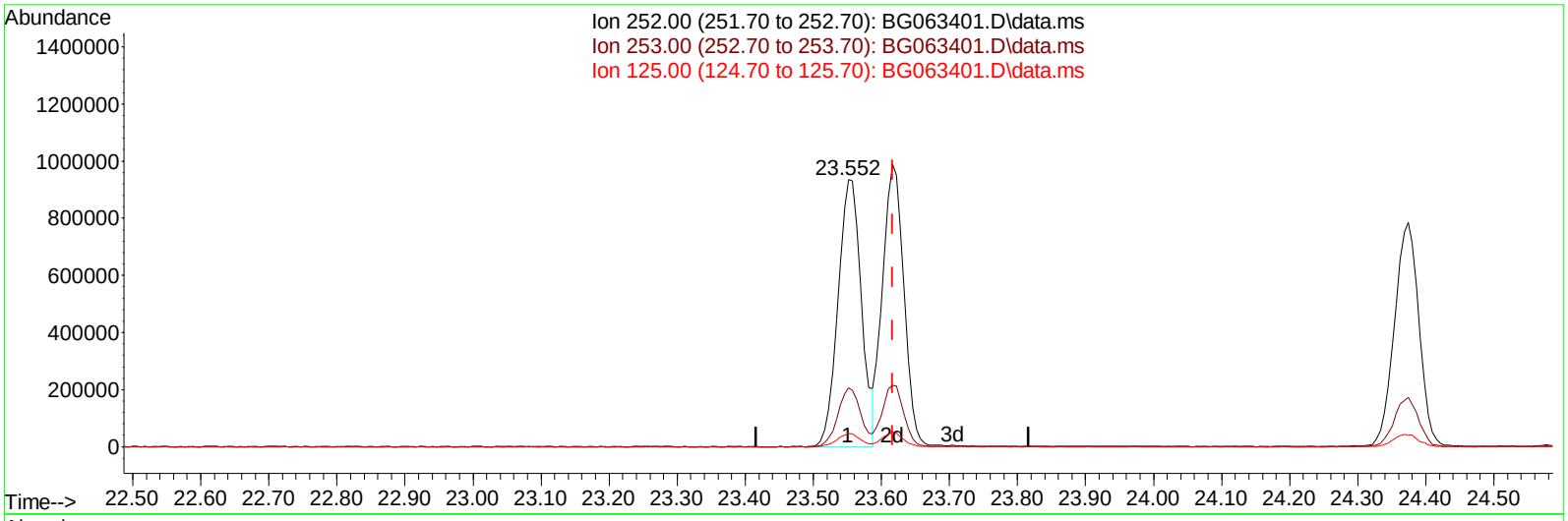

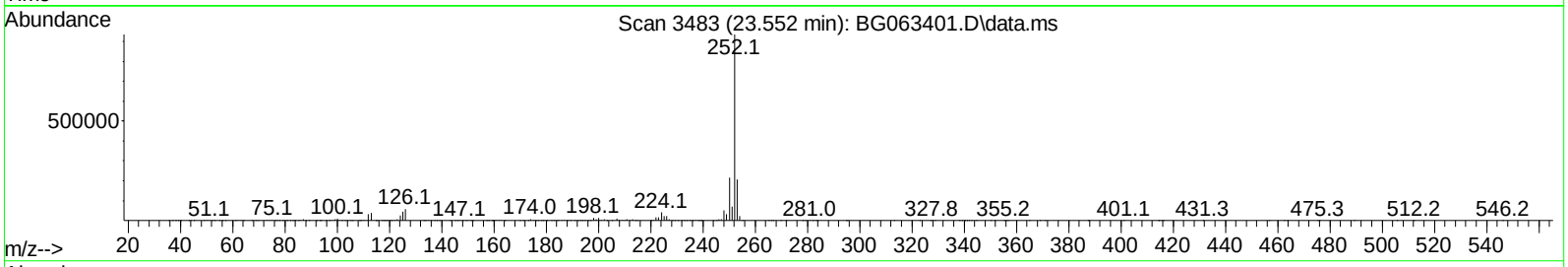

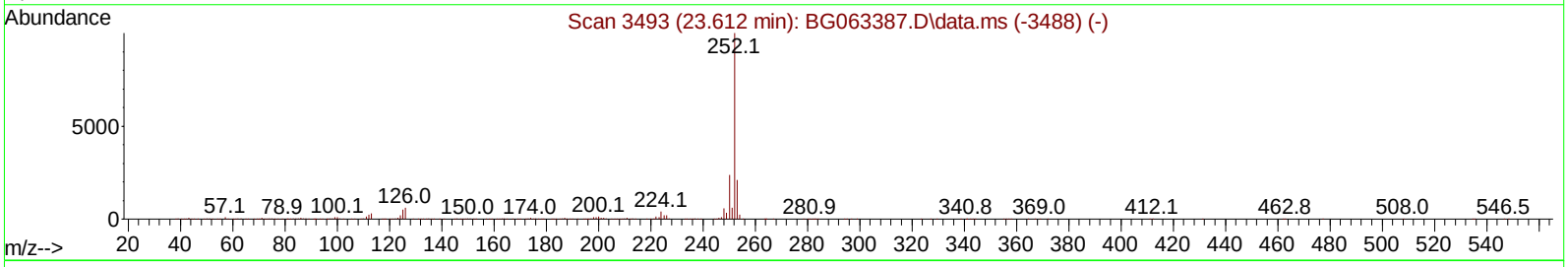

TIC: BG063401.D\data.ms

(91) Benzo(k)fluoranthene

23.552min (-0.065) 34.89 ng/ul

response 2242180

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	22.13
125.00	4.10	4.80
0.00	0.00	0.00

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ALS Vial : 16 Sample Multiplier: 1

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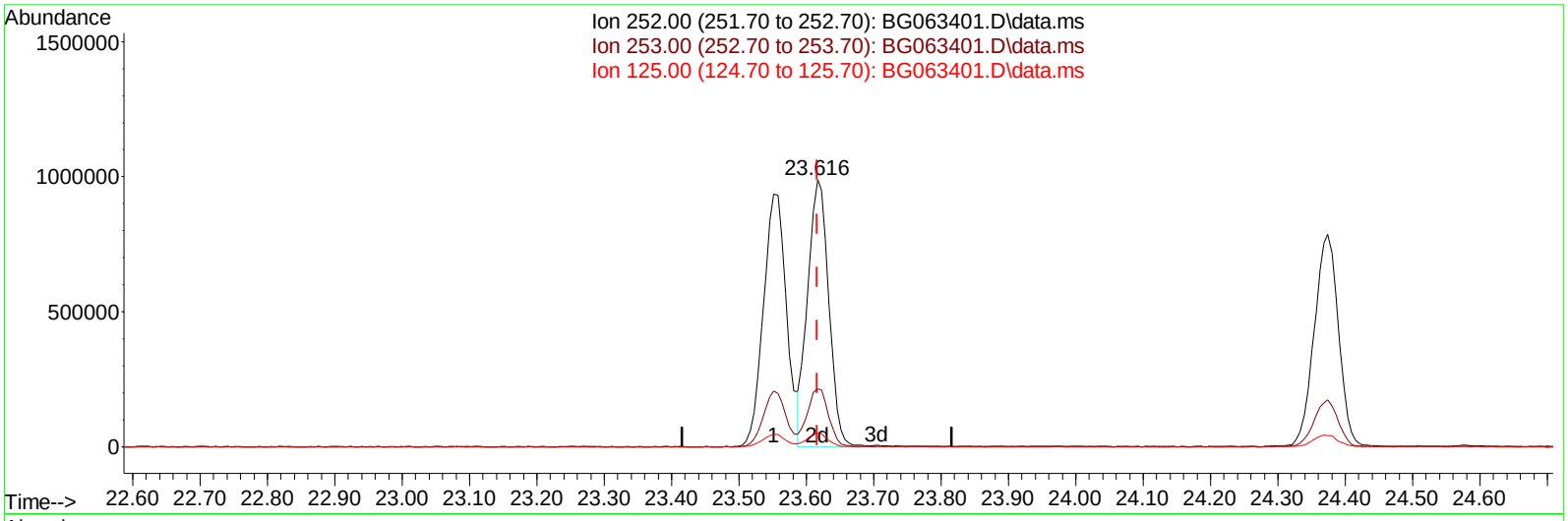

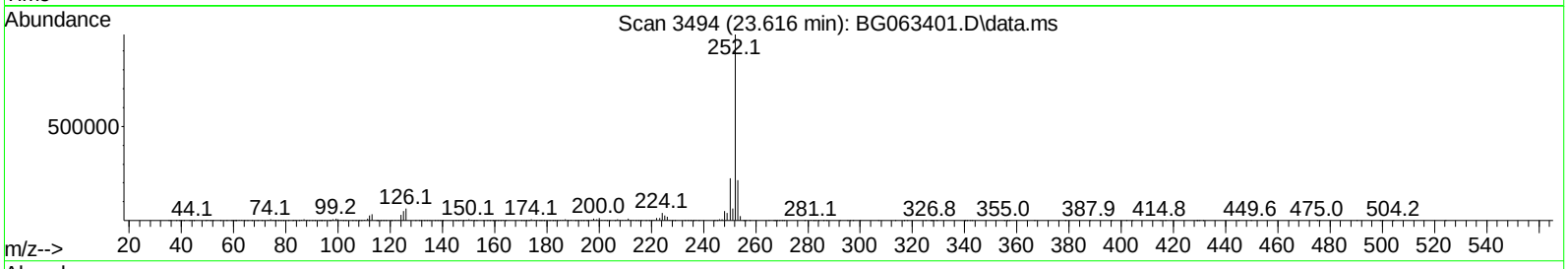

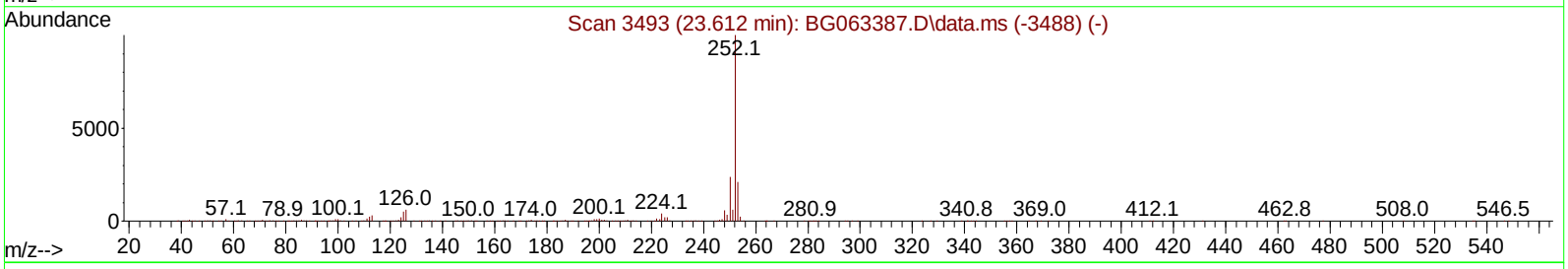

TIC: BG063401.D\data.ms

(91) Benzo(k)fluoranthene

23.616min (-0.000) 33.56 ng/ul m

response 2157061

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	21.67
125.00	4.10	5.19#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 14 Nov 2024 21:13
Operator : RC/JU
Sample : PB164838BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 14 22:58:06 2024
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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	7.829	152	110449	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.620	136	461712	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.468	164	382997	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.224	188	972629	20.000	ng/ul	0.00
79) Chrysene-d12	21.478	240	1007811	20.000	ng/ul	# 0.00
88) Perylene-d12	24.515	264	1072380	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	16043	6.568	ng/uL	0.00
4) Pyridine-d5	3.704	84	252944	31.331	ng/ul	0.00
7) Phenol-d5	7.006	99	314566	31.563	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.165	67	189449	32.407	ng/ul	0.00
11) 2-Chlorophenol-d4	7.365	132	223615	34.568	ng/ul	-0.01
15) 4-Methylphenol-d8	8.540	113	259600	30.731	ng/ul	0.00
21) Nitrobenzene-d5	8.986	128	115918	35.711	ng/ul	0.00
24) 2-Nitrophenol-d4	9.709	143	139438	33.237	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.250	165	277572	33.714	ng/ul	0.00
31) 4-Chloroaniline-d4	10.755	131	294897	27.500	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	887826	29.594	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	1008120	34.332	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	139924	34.065	ng/ul	0.00
60) Fluorene-d10	15.467	176	830707	32.809	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.596	200	202402	33.112	ng/ul	0.00
73) Anthracene-d10	17.324	188	1393679	33.340	ng/ul	0.00
81) Pyrene-d10	19.621	212	1827872	36.175	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.310	264	1784272	34.461	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	35699	11.872	ng/uL#	88
5) Pyridine	3.722	79	253519	30.777	ng/ul	98
6) Benzaldehyde	6.971	77	121378	22.036	ng/ul	97
8) Phenol	7.036	94	339336	31.244	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.253	93	230522	31.209	ng/ul	90
12) 2-Chlorophenol	7.400	128	225499	32.588	ng/ul	93
13) 2-Methylphenol	8.281	108	242411	30.556	ng/ul	90
14) 2,2'-oxybis(1-Chloropr...	8.346	45	305682	32.742	ng/ul	96
16) Acetophenone	8.652	105	393186	28.908	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.634	70	218580	27.551	ng/ul#	96
18) 4-Methylphenol	8.604	108	264225	29.290	ng/ul	96
19) Hexachloroethane	8.904	117	91323	32.568	ng/ul	93
22) Nitrobenzene	9.028	77	334710	33.442	ng/ul	94
23) Isophorone	9.550	82	616711	29.195	ng/ul	98
25) 2-Nitrophenol	9.738	139	136278	32.861	ng/ul	92
26) 2,4-Dimethylphenol	9.803	107	228466	25.256	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.032	93	330693	32.474	ng/ul	96
29) 2,4-Dichlorophenol	10.273	162	256961	33.107	ng/ul#	95
30) Naphthalene	10.673	128	764471	32.359	ng/ul	99
32) 4-Chloroaniline	10.778	127	222302	21.660	ng/ul	99
33) Hexachlorobutadiene	10.961	225	223766	30.123	ng/ul	98
34) Caprolactam	11.530	113	82259m	25.499	ng/ul	
35) 4-Chloro-3-methylphenol	11.918	107	277708	29.819	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.283	142	571110	30.501	ng/ul	98
37) 1-Methylnaphthalene	12.506	142	571066	29.329	ng/ul	89
39) 1,2,4,5-Tetrachloroben...	12.659	216	443517	32.850	ng/ul	98
40) Hexachlorocyclopentadiene	12.635	237	165761	22.484	ng/ul	97
41) 2,4,6-Trichlorophenol	12.899	196	230477	31.625	ng/ul	95
42) 2,4,5-Trichlorophenol	12.976	196	259672	32.858	ng/ul	91
43) 1,1'-Biphenyl	13.299	154	816236	33.622	ng/ul	98
44) 2-Chloronaphthalene	13.340	162	634751	33.585	ng/ul	100
45) 2-Nitroaniline	13.546	65	218132	33.834	ng/ul	93
47) Dimethylphthalate	13.928	163	842830	29.300	ng/ul	99
48) 2,6-Dinitrotoluene	14.045	165	177515	32.249	ng/ul	93
50) Acenaphthylene	14.192	152	991826	33.908	ng/ul	98
51) 3-Nitroaniline	14.374	138	167298	34.819	ng/ul	92
52) Acenaphthene	14.533	153	693467	33.124	ng/ul	97
53) 2,4-Dinitrophenol	14.592	184	109765	30.245	ng/ul	94
55) 4-Nitrophenol	14.697	109	161705	30.290	ng/ul	94
56) Dibenzofuran	14.874	168	1031475	32.186	ng/ul	94
57) 2,4-Dinitrotoluene	14.838	165	273576	31.424	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.103	232	227720	27.823	ng/ul#	93
59) Diethylphthalate	15.297	149	859393	29.140	ng/ul	99
61) Fluorene	15.520	166	864892	31.887	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.514	204	531608	30.497	ng/ul	96
63) 4-Nitroaniline	15.543	138	187587	38.575	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.608	198	208225	32.824	ng/ul	93
67) N-Nitrosodiphenylamine	15.731	169	721023	33.230	ng/ul	98
68) 4-Bromophenyl-phenylether	16.407	248	367757	33.074	ng/ul	96
69) Hexachlorobenzene	16.531	284	378843	31.982	ng/ul	95
70) Atrazine	16.683	200	150252	12.658	ng/ul	94
71) Pentachlorophenol	16.877	266	151555	25.521	ng/ul	95
72) Phenanthrene	17.265	178	1513924	34.067	ng/ul	98
74) Anthracene	17.353	178	1503767	33.032	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.264	216	440742	35.042	ng/ul	98
76) Pentachlorobenzene	14.791	250	441377	32.908	ng/ul	99
77) Carbazole	17.629	167	1318065	34.873	ng/ul	98
78) Di-n-butylphthalate	18.187	149	1498703	34.859	ng/ul	99
80) Fluoranthene	19.286	202	1985338	36.350	ng/ul	98
82) Pyrene	19.650	202	2073087	35.810	ng/ul#	95
83) Butylbenzylphthalate	20.543	149	646838	38.231	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.378	252	721285	33.284	ng/ul	96
85) Benzo(a)anthracene	21.460	228	2178146	34.168	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.372	149	929161	37.703	ng/ul	99
87) Chrysene	21.525	228	2050286	34.497	ng/ul	99
89) Di-n-octyl phthalate	22.518	149	1613411	38.179	ng/ul	100
90) Benzo(b)fluoranthene	23.552	252	2242180	34.751	ng/ul	98
91) Benzo(k)fluoranthene	23.616	252	2157061m	33.564	ng/ul	
93) Benzo(a)pyrene	24.374	252	1952855	32.721	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	27.935	276	2448231	33.442	ng/ul	95
95) Dibenzo(a,h)anthracene	27.994	278	2004156	33.579	ng/ul#	97
96) Benzo(g,h,i)perylene	29.004	276	1908209	34.379	ng/ul	98

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

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