Quantitation Report (Qedit)

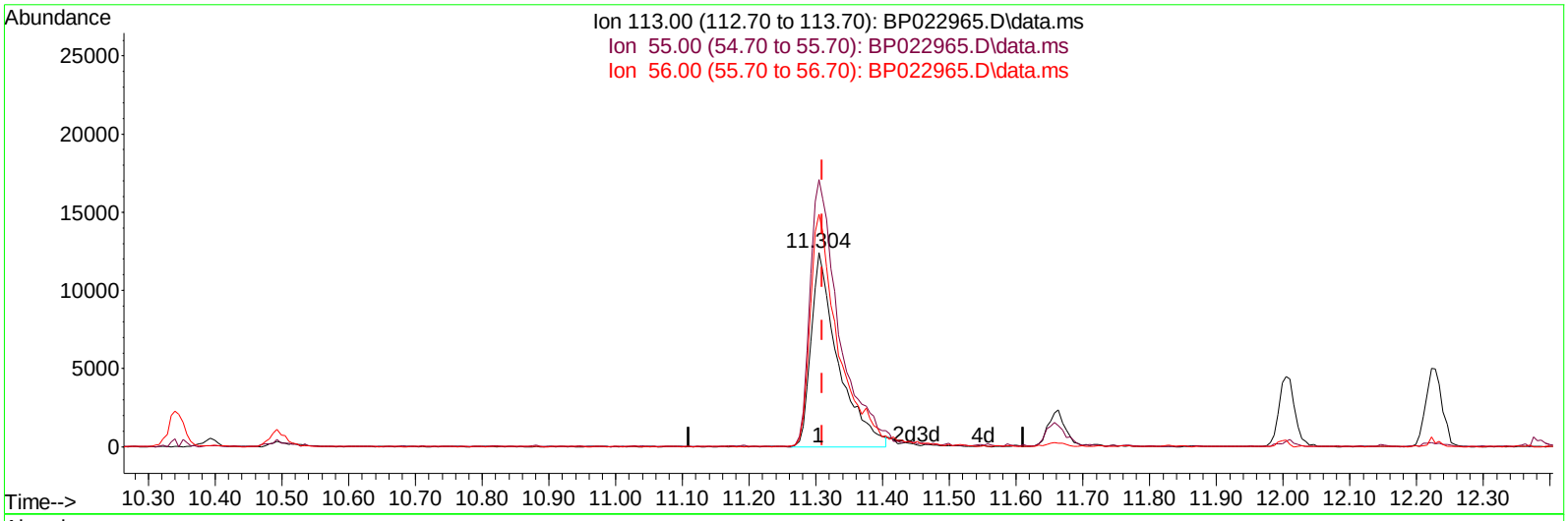
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110924\
Data File : BP022965.D
Acq On : 09 Nov 2024 13:51
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 50 Sample Multiplier: 1

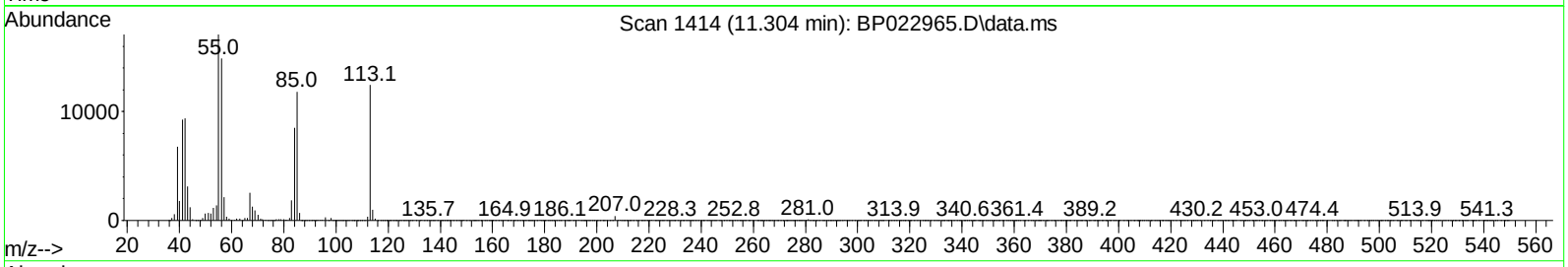
Quant Time: Nov 09 21:55:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 08 23:49:48 2024
Response via : Initial Calibration

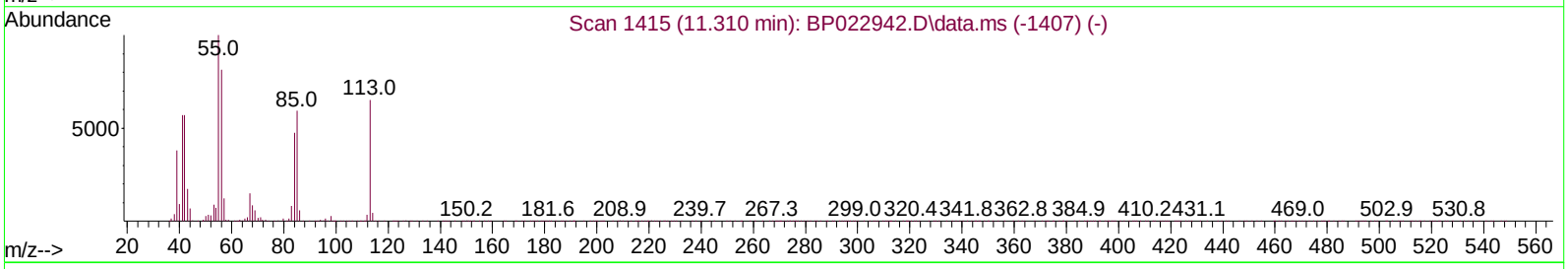
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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







TIC: BP022965.D\data.ms

(34) Caprolactam

11.304min (-0.006) 21.20 ng/ul

response 34699

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.80	137.25
56.00	124.80	119.61
0.00	0.00	0.00

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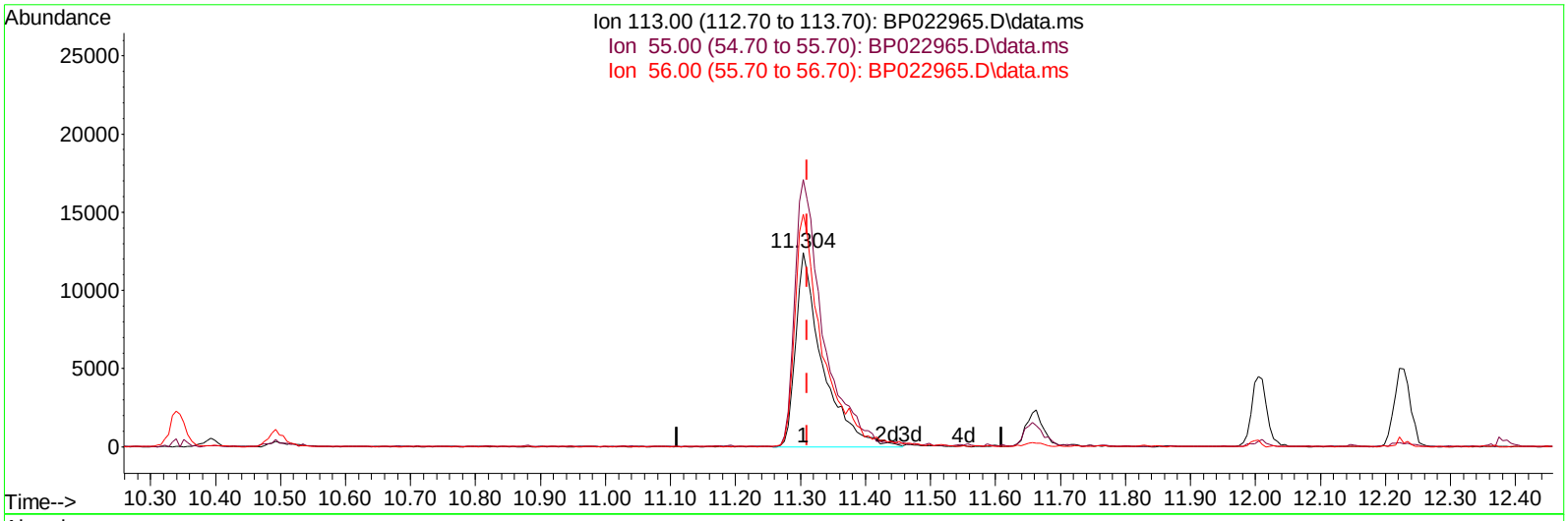

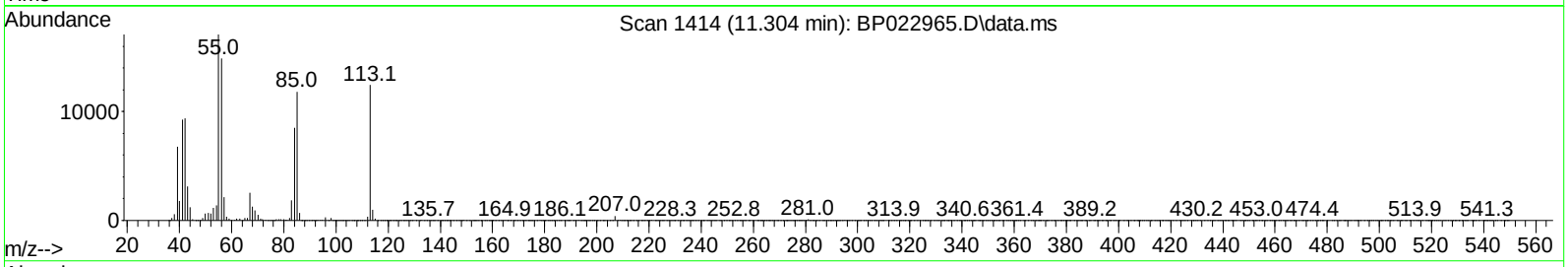

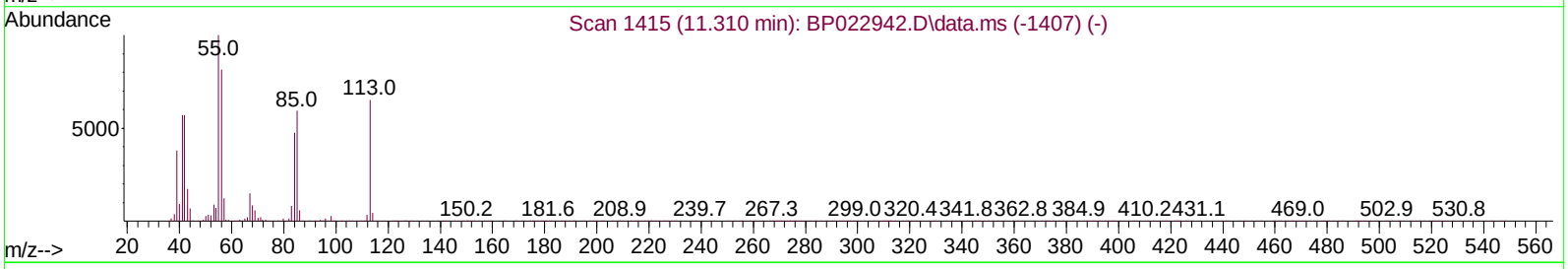

TIC: BP022965.D\data.ms

(34) Caprolactam

11.304min (-0.006) 21.72 ng/ul m

response 35556

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.80	137.25
56.00	124.80	119.61
0.00	0.00	0.00

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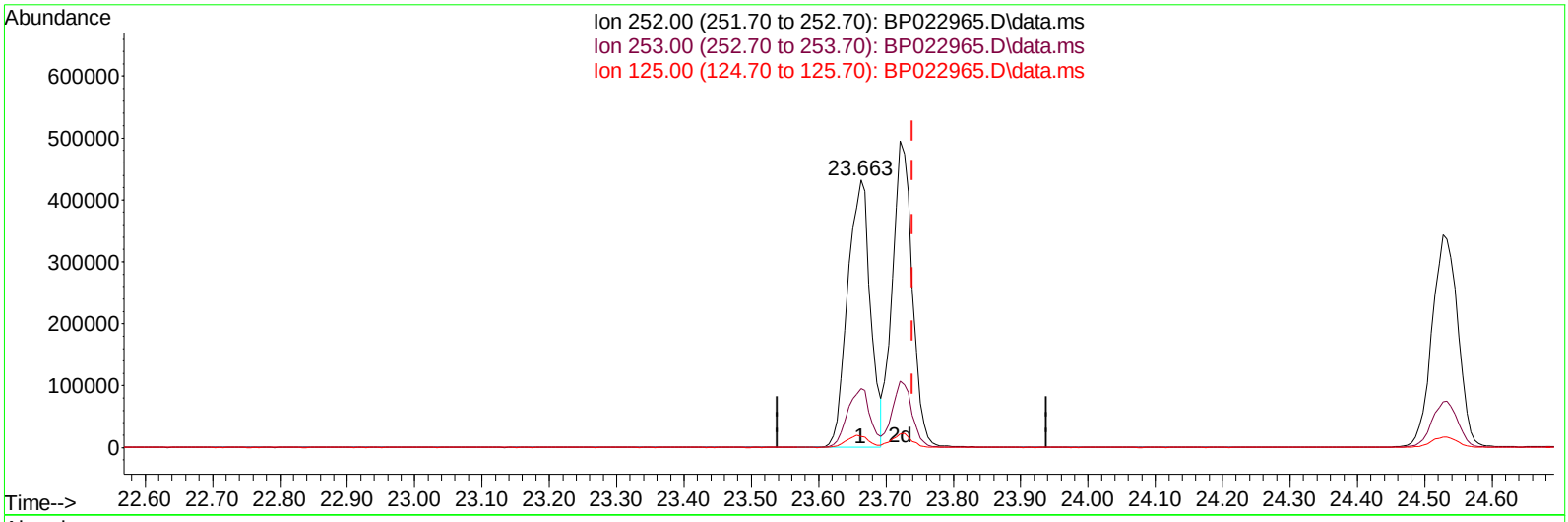

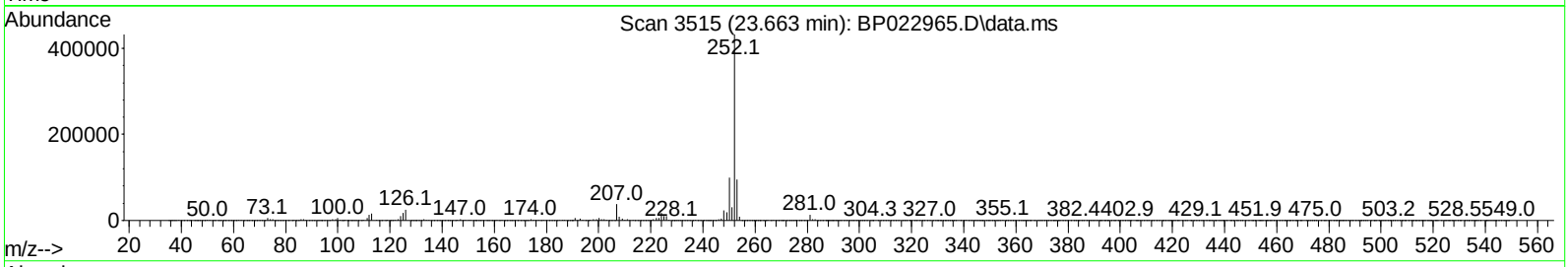

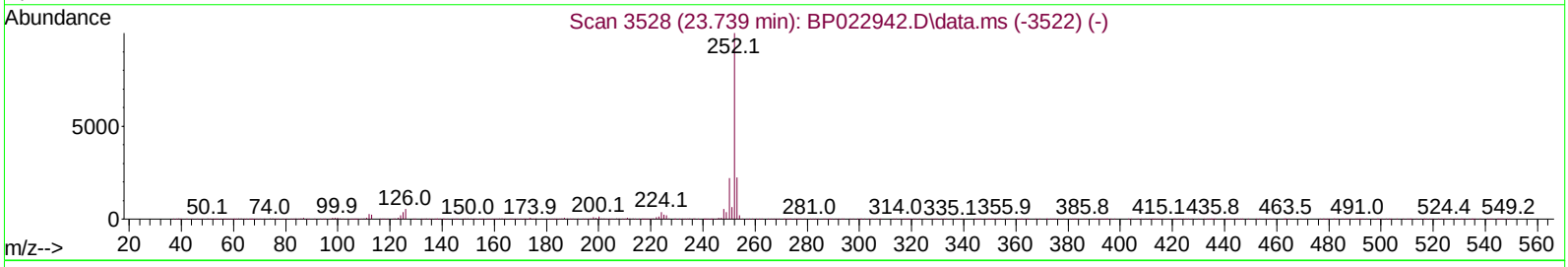

TIC: BP022965.D\data.ms

(91) Benzo(k)fluoranthene

23.663min (-0.076) 22.02 ng/ul

response 1017732

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	21.97
125.00	3.70	4.24
0.00	0.00	0.00

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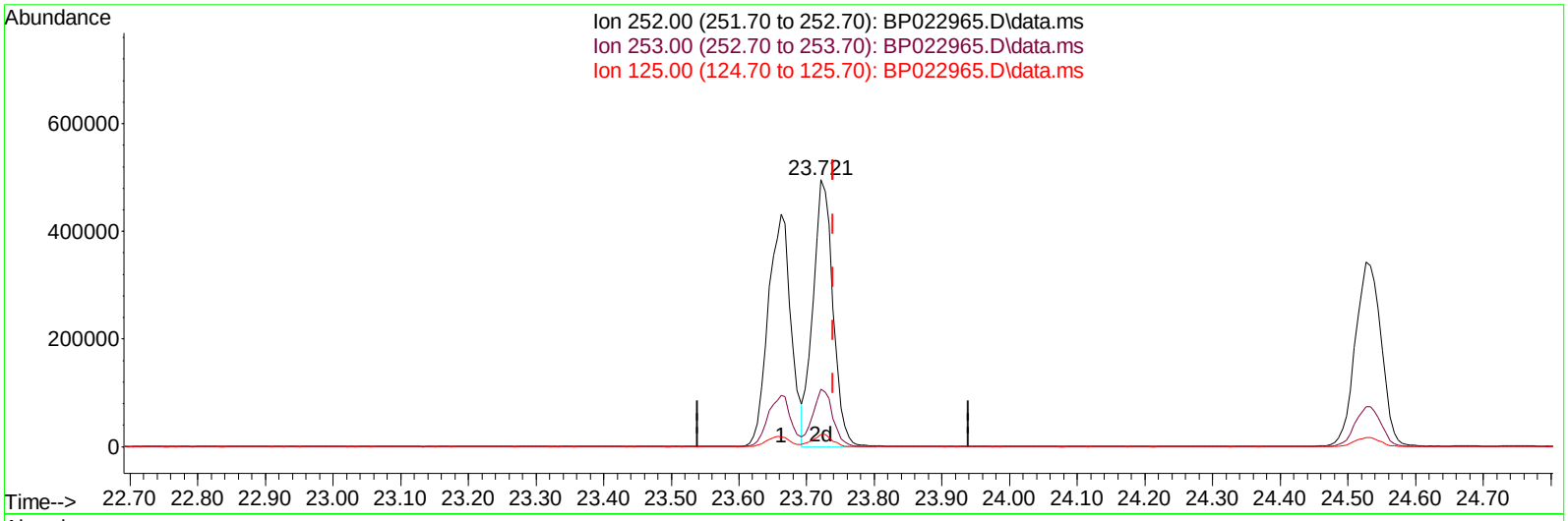

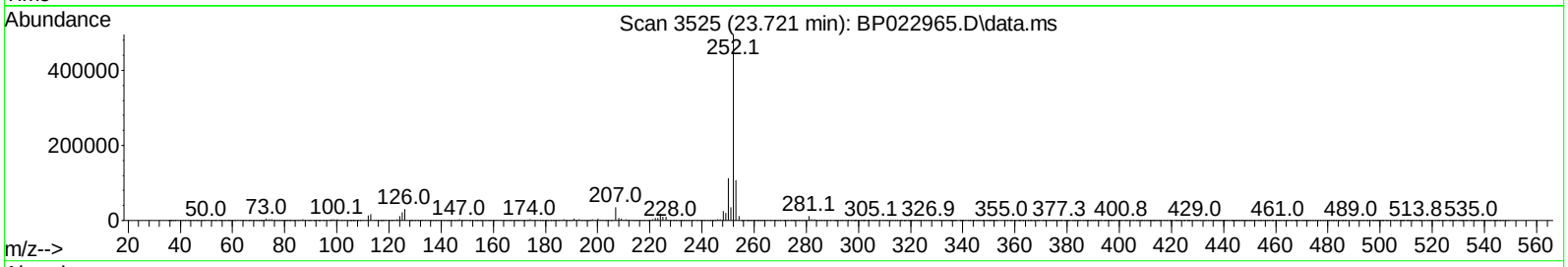

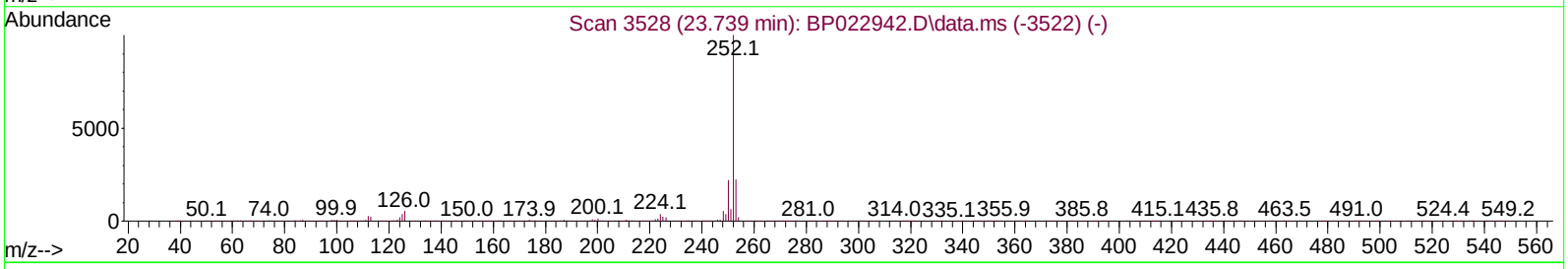

TIC: BP022965.D\data.ms

(91) Benzo(k)fluoranthene

23.721min (-0.018) 21.97 ng/ul m

response 1015419

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	21.65
125.00	3.70	4.53#
0.00	0.00	0.00

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Sample : SSTDCCC020
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ALS Vial : 50 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/11/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	81616	20.000	ng/ul	0.00
20) Naphthalene-d8	10.340	136	319633	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.210	164	264337	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.028	188	675702	20.000	ng/ul	0.00
79) Chrysene-d12	21.445	240	722327	20.000	ng/ul	-0.01
88) Perylene-d12	24.680	264	843680	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	13408	7.897	ng/uL	0.00
4) Pyridine-d5	3.558	84	97488	19.325	ng/ul	0.00
7) Phenol-d5	6.793	99	123872	20.529	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.946	67	71048	20.041	ng/ul	0.00
11) 2-Chlorophenol-d4	7.140	132	91230	20.644	ng/ul	0.00
15) 4-Methylphenol-d8	8.305	113	102939	20.731	ng/ul	0.00
21) Nitrobenzene-d5	8.734	128	47854	21.505	ng/ul	0.00
24) 2-Nitrophenol-d4	9.446	143	58981	22.233	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.987	165	120230	21.642	ng/ul	0.00
31) 4-Chloroaniline-d4	10.493	131	139258	21.011	ng/ul	0.00
46) Dimethylphthalate-d6	13.610	166	399127	20.950	ng/ul	0.00
49) Acenaphthylene-d8	13.898	160	428418	21.551	ng/ul	0.00
54) 4-Nitrophenol-d4	14.469	143	58022	20.265	ng/ul	0.00
60) Fluorene-d10	15.234	176	357463	21.401	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.369	200	85553	21.136	ng/ul	0.00
73) Anthracene-d10	17.122	188	611272	21.366	ng/ul	0.00
81) Pyrene-d10	19.510	212	752642	22.622	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.457	264	871247	21.679	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.181	88	14277	7.277	ng/uL	90
5) Pyridine	3.575	79	101663	20.067	ng/ul	95
6) Benzaldehyde	6.763	77	84417	24.311	ng/ul	92
8) Phenol	6.822	94	128108	20.331	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.034	93	95533	20.176	ng/ul	95
12) 2-Chlorophenol	7.169	128	95027	20.711	ng/ul	99
13) 2-Methylphenol	8.046	108	95628	20.331	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.105	45	109280	20.387	ng/ul	95
16) Acetophenone	8.405	105	172196	20.637	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.387	70	88831	21.321	ng/ul	97
18) 4-Methylphenol	8.369	108	105705	20.347	ng/ul	97
19) Hexachloroethane	8.646	117	45049	20.302	ng/ul	96
22) Nitrobenzene	8.781	77	133978	20.983	ng/ul	99
23) Isophorone	9.299	82	242978	21.282	ng/ul	99
25) 2-Nitrophenol	9.481	139	61160	21.842	ng/ul	92
26) 2,4-Dimethylphenol	9.546	107	129322	21.388	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.769	93	136076	21.662	ng/ul	98
29) 2,4-Dichlorophenol	10.010	162	119050	21.634	ng/ul	97
30) Naphthalene	10.393	128	325788	20.980	ng/ul	100
32) 4-Chloroaniline	10.516	127	131927	20.546	ng/ul	96
33) Hexachlorobutadiene	10.669	225	100378	20.160	ng/ul	98
34) Caprolactam	11.304	113	35556m	21.723	ng/ul	
35) 4-Chloro-3-methylphenol	11.657	107	130975	22.125	ng/ul	100

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.004	142	245213	20.917	ng/ul	98
37) 1-Methylnaphthalene	12.228	142	257033	21.447	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.381	216	187901	21.056	ng/ul	97
40) Hexachlorocyclopentadiene	12.351	237	92535	19.742	ng/ul	99
41) 2,4,6-Trichlorophenol	12.634	196	119434	21.979	ng/ul	94
42) 2,4,5-Trichlorophenol	12.722	196	127560	21.774	ng/ul	96
43) 1,1'-Biphenyl	13.034	154	358290	21.153	ng/ul	99
44) 2-Chloronaphthalene	13.075	162	294771	21.289	ng/ul	98
45) 2-Nitroaniline	13.293	65	84424	21.715	ng/ul	91
47) Dimethylphthalate	13.663	163	392282	20.879	ng/ul	100
48) 2,6-Dinitrotoluene	13.804	165	81352	22.259	ng/ul	97
50) Acenaphthylene	13.922	152	434678	21.632	ng/ul	99
51) 3-Nitroaniline	14.145	138	72229	22.945	ng/ul#	92
52) Acenaphthene	14.269	153	312879	21.447	ng/ul	98
53) 2,4-Dinitrophenol	14.363	184	50278	19.388	ng/ul	92
55) 4-Nitrophenol	14.481	109	68387	20.416	ng/ul	97
56) Dibenzofuran	14.616	168	471017	20.897	ng/ul	98
57) 2,4-Dinitrotoluene	14.604	165	127420	21.875	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.869	232	122599	21.409	ng/ul	99
59) Diethylphthalate	15.045	149	394584	21.235	ng/ul	99
61) Fluorene	15.281	166	392492	21.275	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.269	204	223888	20.611	ng/ul	98
63) 4-Nitroaniline	15.322	138	73182	24.984	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.381	198	88955	20.573	ng/ul	98
67) N-Nitrosodiphenylamine	15.498	169	333069	21.332	ng/ul	100
68) 4-Bromophenyl-phenylether	16.192	248	160782	21.013	ng/ul	95
69) Hexachlorobenzene	16.310	284	205117	21.294	ng/ul	95
70) Atrazine	16.481	200	157780	20.905	ng/ul	100
71) Pentachlorophenol	16.681	266	115471	19.309	ng/ul	97
72) Phenanthrene	17.069	178	677242	21.228	ng/ul	99
74) Anthracene	17.151	178	673121	20.985	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.993	216	186266	20.879	ng/uL	96
76) Pentachlorobenzene	14.540	250	214182	21.026	ng/uL	98
77) Carbazole	17.445	167	581986	20.797	ng/ul	100
78) Di-n-butylphthalate	18.033	149	681159	21.934	ng/ul	99
80) Fluoranthene	19.169	202	884909	23.087	ng/ul	99
82) Pyrene	19.539	202	917083	22.272	ng/ul	99
83) Butylbenzylphthalate	20.486	149	315270	23.255	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.357	252	371218	22.895	ng/ul	99
85) Benzo(a)anthracene	21.427	228	959940	21.764	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.363	149	453296	23.529	ng/ul	96
87) Chrysene	21.492	228	890527	21.458	ng/ul	97
89) Di-n-octyl phthalate	22.586	149	738691	21.581	ng/ul	100
90) Benzo(b)fluoranthene	23.663	252	1017732	21.673	ng/ul	100
91) Benzo(k)fluoranthene	23.721	252	1015419m	21.966	ng/ul	
93) Benzo(a)pyrene	24.527	252	919661	21.665	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.333	276	1250076	21.137	ng/ul	98
95) Dibenzo(a,h)anthracene	28.380	278	992627	20.671	ng/ul	99
96) Benzo(g,h,i)perylene	29.468	276	944478	21.025	ng/ul	99

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

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