Quantitation Report (Qedit)

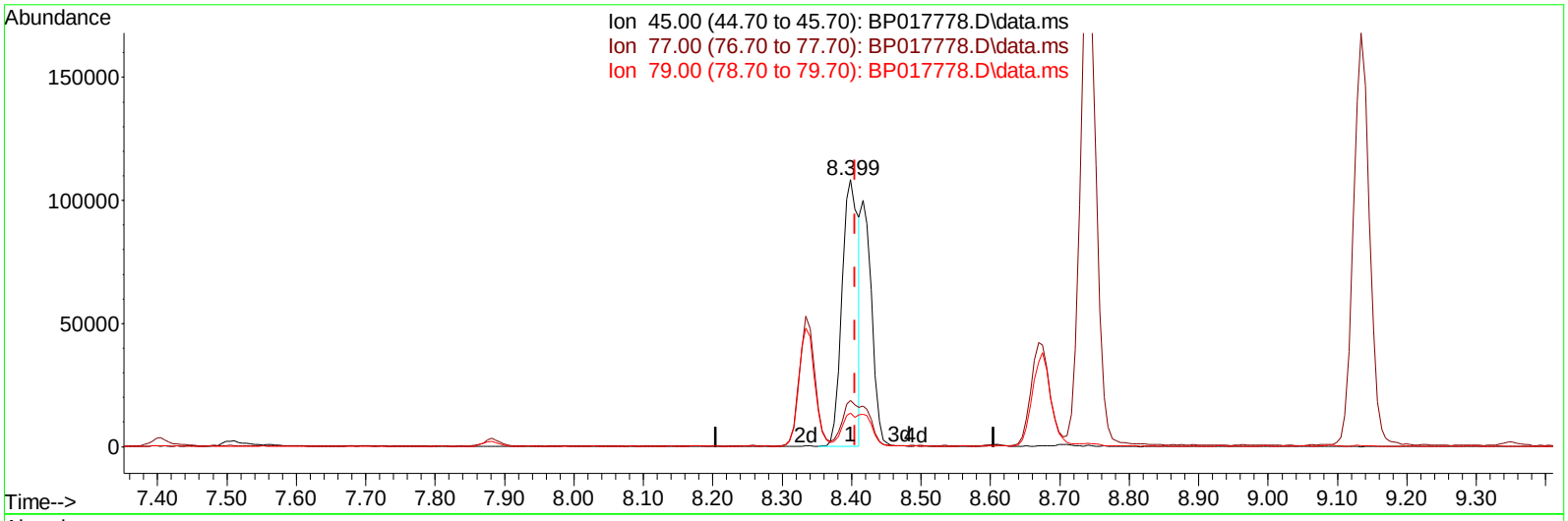
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102323\
Data File : BP017778.D
Acq On : 24 Oct 2023 15:26
Operator : MA/JU
Sample : 04927-05MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

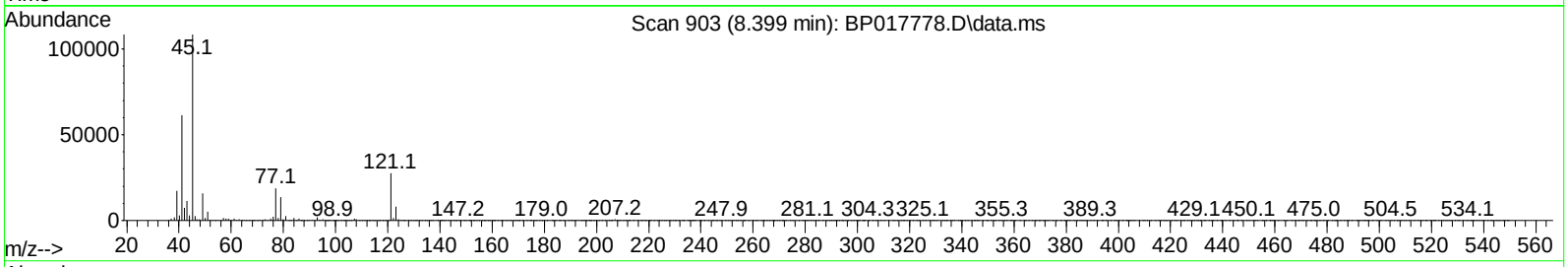
Quant Time: Oct 25 07:21:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 01:32:15 2023
Response via : Initial Calibration

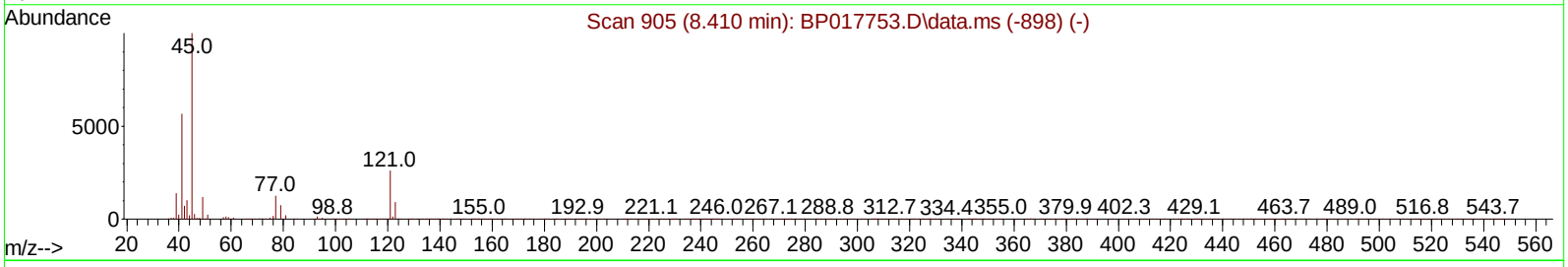
Instrument :
BNA_P
ClientSampleId :
GCD09MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/26/2023







TIC: BP017778.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.399min (-0.006) 19.79 ng/ul

response 178866

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	17.80	17.46
79.00	12.90	12.64
0.00	0.00	0.00

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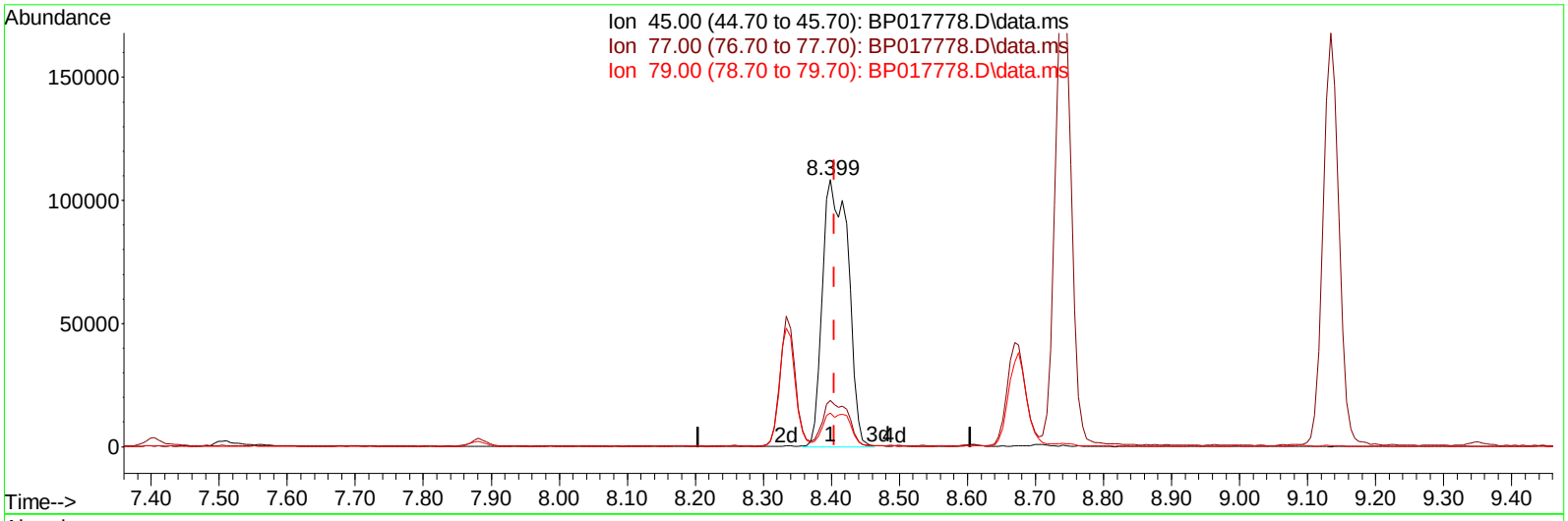

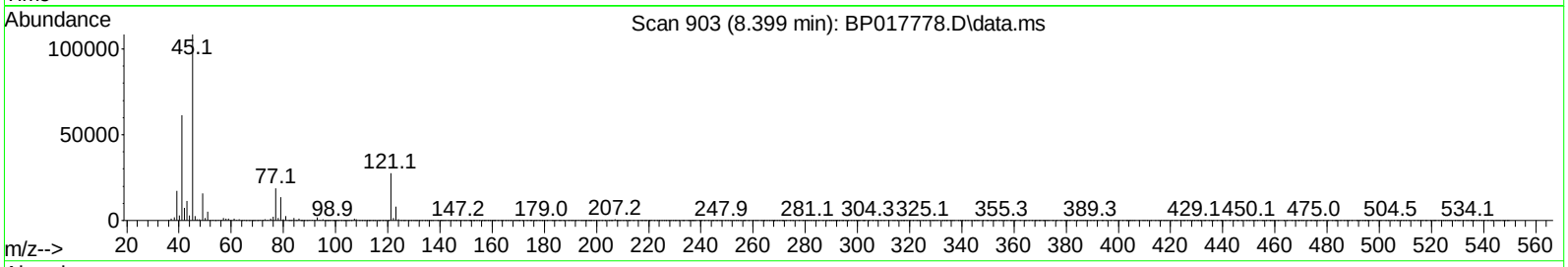

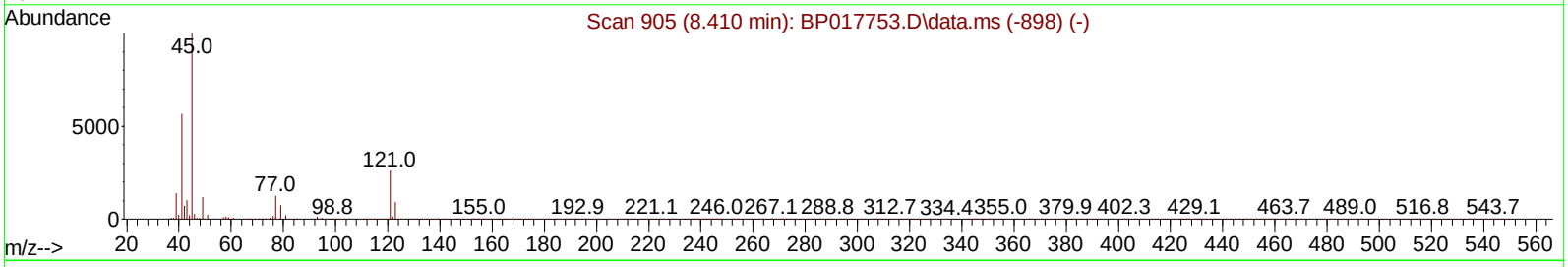

TIC: BP017778.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.399min (-0.006) 31.53 ng/ul m

response 284872

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	17.80	17.46
79.00	12.90	12.64
0.00	0.00	0.00

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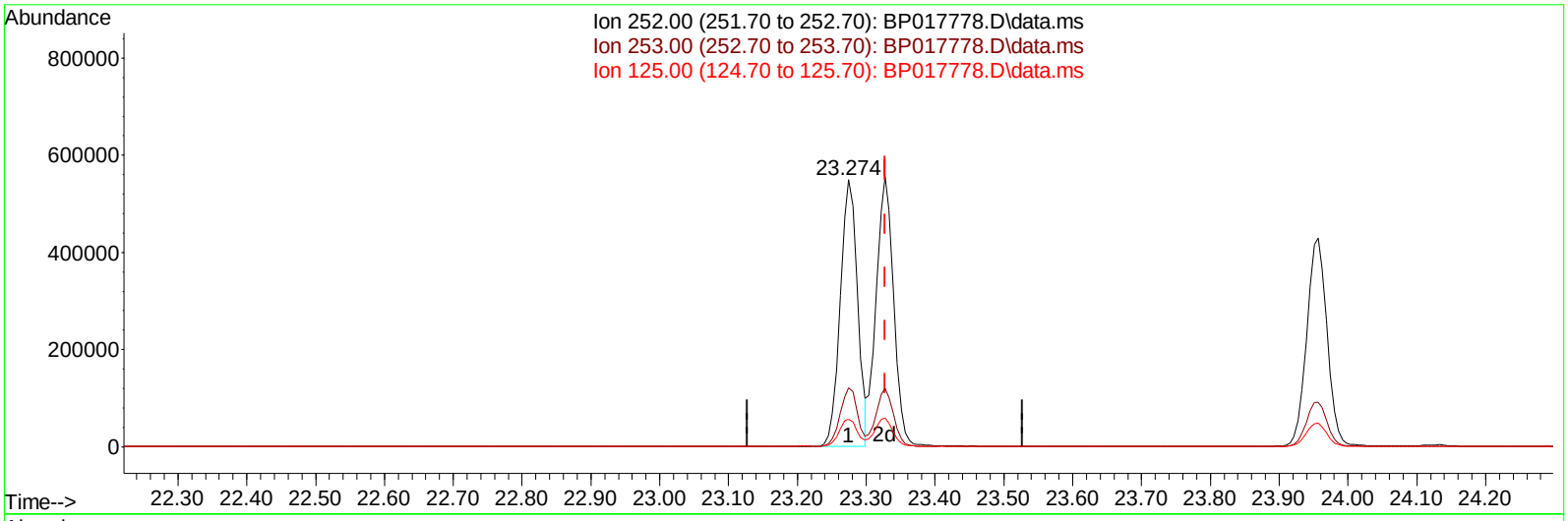

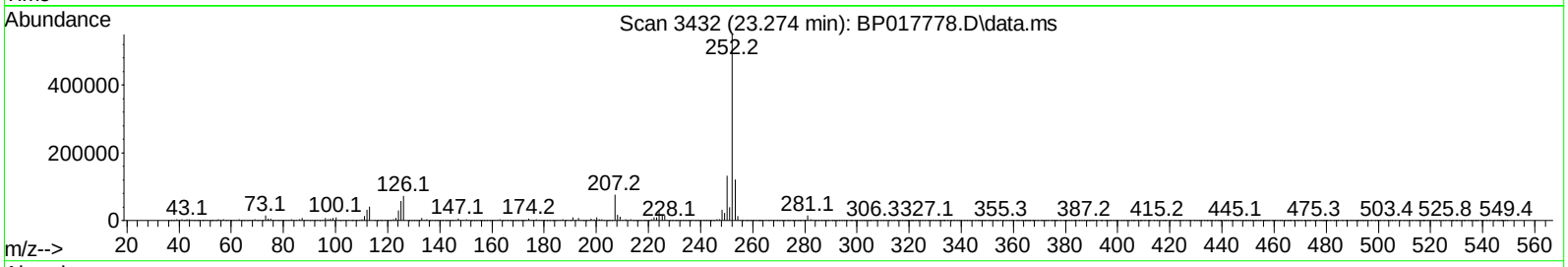

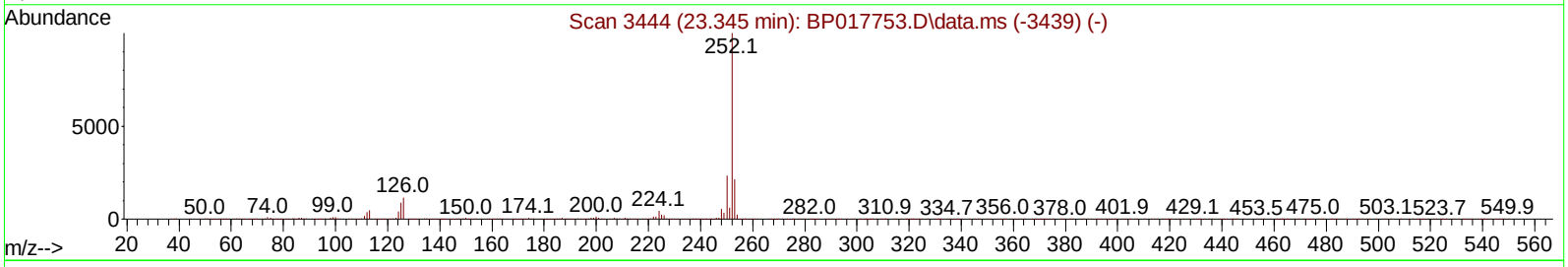

TIC: BP017778.D\data.ms

(91) Benzo(k)fluoranthene

23.274min (-0.053) 29.22 ng/ul

response 956334

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	21.98
125.00	8.80	10.39
0.00	0.00	0.00

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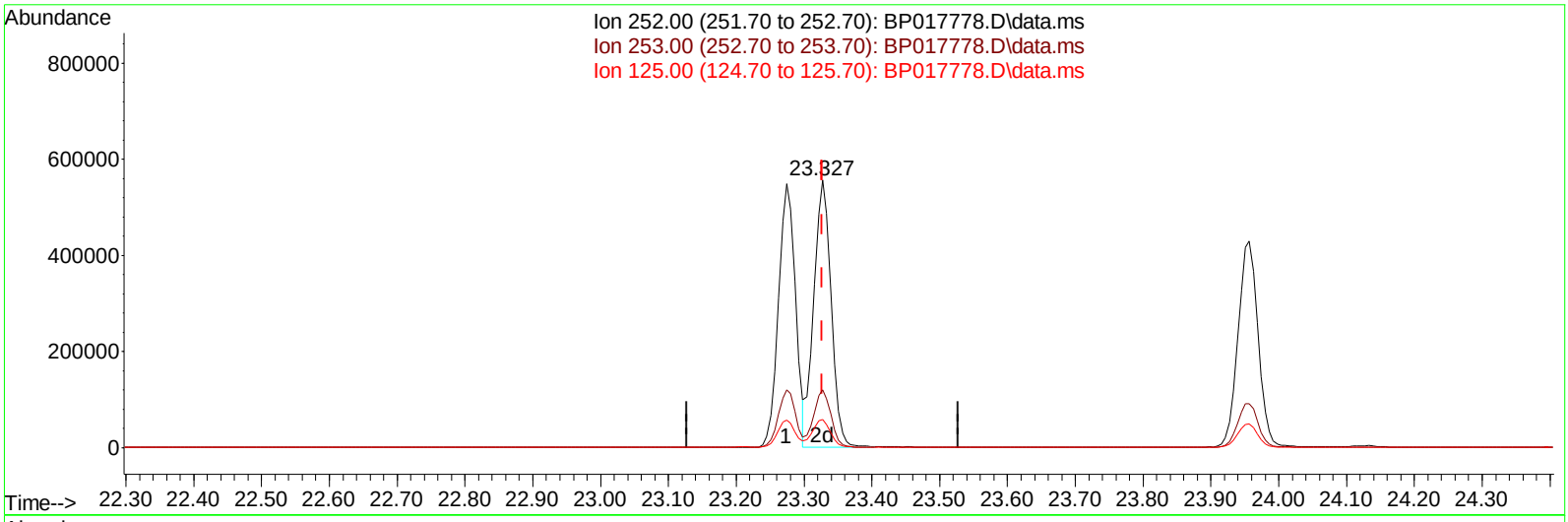

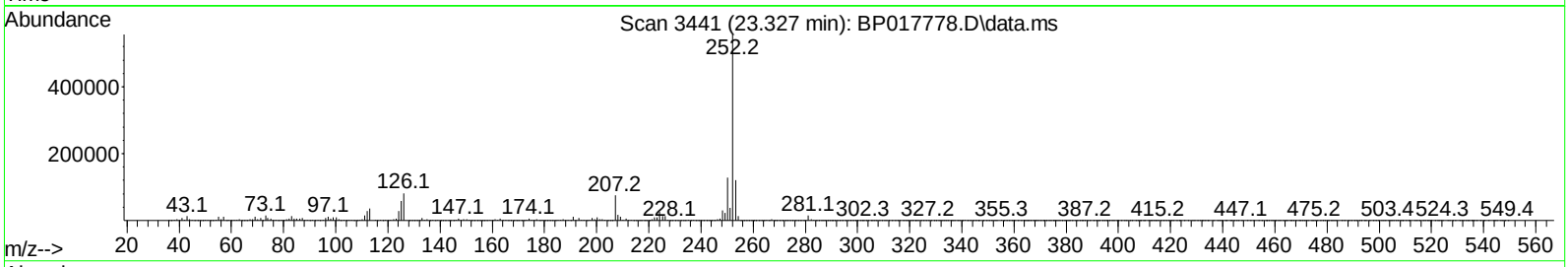

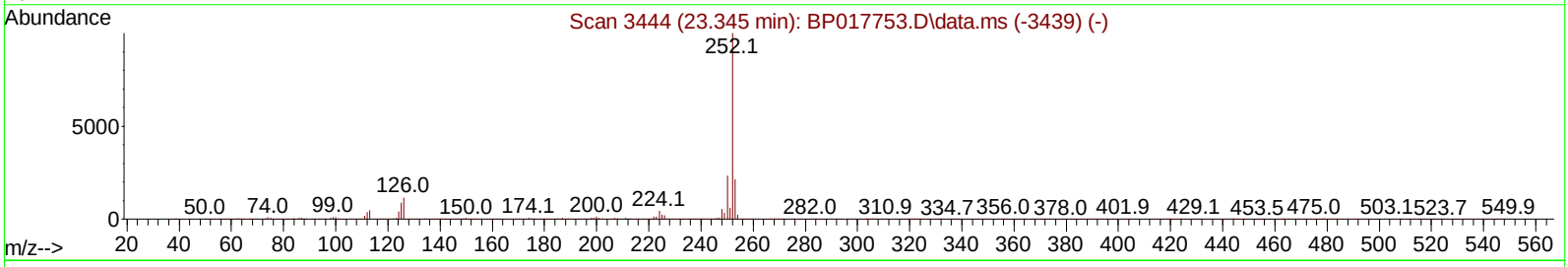

TIC: BP017778.D\data.ms

(91) Benzo(k)fluoranthene

23.327min (-0.000) 30.30 ng/ul m

response 991723

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	21.55
125.00	8.80	10.58#
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	7.881	152	107248	20.000	ng/ul	0.00
20) Naphthalene-d8	10.716	136	448362	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.581	164	268740	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.375	188	557111	20.000	ng/ul	0.00
79) Chrysene-d12	21.516	240	460704	20.000	ng/ul	0.00
88) Perylene-d12	24.068	264	474446	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	10902	3.782	ng/uL	0.00
4) Pyridine-d5	3.705	84	14187	1.880	ng/ul	0.01
7) Phenol-d5	7.040	99	196339	22.000	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	133585	24.237	ng/ul	0.00
11) 2-Chlorophenol-d4	7.405	132	164227	22.562	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	139157	19.856	ng/ul	0.00
21) Nitrobenzene-d5	9.093	128	77621	21.365	ng/ul	0.00
24) 2-Nitrophenol-d4	9.804	143	87125	21.704	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	166056	21.088	ng/ul	0.00
31) 4-Chloroaniline-d4	10.887	131	163799	15.895	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	487479	21.608	ng/ul	0.00
49) Acenaphthylene-d8	14.275	160	546965	21.740	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	58218	18.111	ng/ul	0.00
60) Fluorene-d10	15.587	176	411151	21.083	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.734	200	72490	19.754	ng/ul	0.00
73) Anthracene-d10	17.475	188	599232	21.048	ng/ul	0.00
81) Pyrene-d10	19.733	212	720577	24.947	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.898	264	596811	22.585	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	30518	9.980	ng/uL	96
5) Pyridine	3.722	79	13014	1.683	ng/ul#	86
6) Benzaldehyde	7.046	77	141171	29.404	ng/ul	99
8) Phenol	7.069	94	267650	30.416	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.322	93	218940	29.823	ng/ul	98
12) 2-Chlorophenol	7.434	128	213362	29.184	ng/ul	99
13) 2-Methylphenol	8.334	108	176779	26.619	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.399	45	284872m	31.526	ng/ul	
16) Acetophenone	8.740	105	381209	34.598	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.705	70	171520	32.819	ng/ul	96
18) 4-Methylphenol	8.669	108	197819	28.050	ng/ul	97
19) Hexachloroethane	8.946	117	99514	29.624	ng/ul	86
22) Nitrobenzene	9.134	77	272656	30.140	ng/ul	98
23) Isophorone	9.646	82	487014	30.106	ng/ul	99
25) 2-Nitrophenol	9.840	139	119366	27.858	ng/ul	93
26) 2,4-Dimethylphenol	9.881	107	84970	10.104	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.140	93	290489	29.034	ng/ul	99
29) 2,4-Dichlorophenol	10.363	162	204261	27.127	ng/ul	97
30) Naphthalene	10.769	128	708348	27.453	ng/ul	99
32) 4-Chloroaniline	10.916	127	196031	19.865	ng/ul	97
33) Hexachlorobutadiene	10.987	225	146322	23.933	ng/ul	97
34) Caprolactam	11.746	113	56262	29.018	ng/ul	92
35) 4-Chloro-3-methylphenol	12.028	107	207046	29.207	ng/ul	93

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.387	142	474767	27.240	ng/ul	99
37) 1-Methylnaphthalene	12.604	142	469257	26.326	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.740	216	256104	25.754	ng/ul	99
40) Hexachlorocyclopentadiene	12.681	237	90842	15.900	ng/ul	98
41) 2,4,6-Trichlorophenol	12.998	196	165639	27.755	ng/ul	100
42) 2,4,5-Trichlorophenol	13.075	196	174706	28.315	ng/ul	99
43) 1,1'-Biphenyl	13.404	154	623597	28.166	ng/ul	99
44) 2-Chloronaphthalene	13.451	162	498111	27.831	ng/ul	99
45) 2-Nitroaniline	13.704	65	140303	34.497	ng/ul	95
47) Dimethylphthalate	14.045	163	622481	27.997	ng/ul	99
48) 2,6-Dinitrotoluene	14.198	165	123345	30.140	ng/ul	95
50) Acenaphthylene	14.310	152	799119	28.356	ng/ul	99
51) 3-Nitroaniline	14.545	138	103057	26.477	ng/ul	97
52) Acenaphthene	14.645	153	530067	27.823	ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	50339	21.912	ng/ul	88
55) 4-Nitrophenol	14.845	109	96838	28.459	ng/ul	94
56) Dibenzofuran	14.987	168	730294	27.303	ng/ul	95
57) 2,4-Dinitrotoluene	14.987	165	178486	29.551	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.210	232	141014	25.754	ng/ul#	88
59) Diethylphthalate	15.410	149	623970	29.066	ng/ul	99
61) Fluorene	15.639	166	599103	27.267	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.634	204	297108	25.441	ng/ul	92
63) 4-Nitroaniline	15.722	138	99468	28.333	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.745	198	101014	25.700	ng/ul#	91
67) N-Nitrosodiphenylamine	15.863	169	494216	29.282	ng/ul	99
68) 4-Bromophenyl-phenylether	16.545	248	167533	25.701	ng/ul#	92
69) Hexachlorobenzene	16.622	284	179343	23.965	ng/ul#	87
70) Atrazine	16.834	200	163585	26.371	ng/ul	98
71) Pentachlorophenol	16.998	266	127481	28.335	ng/ul	98
72) Phenanthrene	17.416	178	935008	28.650	ng/ul	99
74) Anthracene	17.510	178	899476	27.212	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	249843	26.727	ng/uL	98
76) Pentachlorobenzene	14.875	250	215225	23.757	ng/uL	97
77) Carbazole	17.804	167	823863	29.491	ng/ul	99
78) Di-n-butylphthalate	18.316	149	1102439	33.991	ng/ul	99
80) Fluoranthene	19.398	202	1100009	33.147	ng/ul#	95
82) Pyrene	19.763	202	1125677	32.017	ng/ul	97
83) Butylbenzylphthalate	20.633	149	490827	40.589	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.445	252	184987	17.772	ng/ul#	99
85) Benzo(a)anthracene	21.498	228	1051782	30.031	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.374	149	706306	41.841	ng/ul#	98
87) Chrysene	21.557	228	984984	29.740	ng/ul	100
89) Di-n-octyl phthalate	22.357	149	1176184	39.138	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	956334	29.617	ng/ul	98
91) Benzo(k)fluoranthene	23.327	252	991723m	30.305	ng/ul	
93) Benzo(a)pyrene	23.957	252	877523	28.948	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.780	276	1026466	28.412	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.809	278	859610	28.516	ng/ul#	96
96) Benzo(g,h,i)perylene	27.627	276	744362	25.572	ng/ul#	95

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

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