Quantitation Report (Qedit)

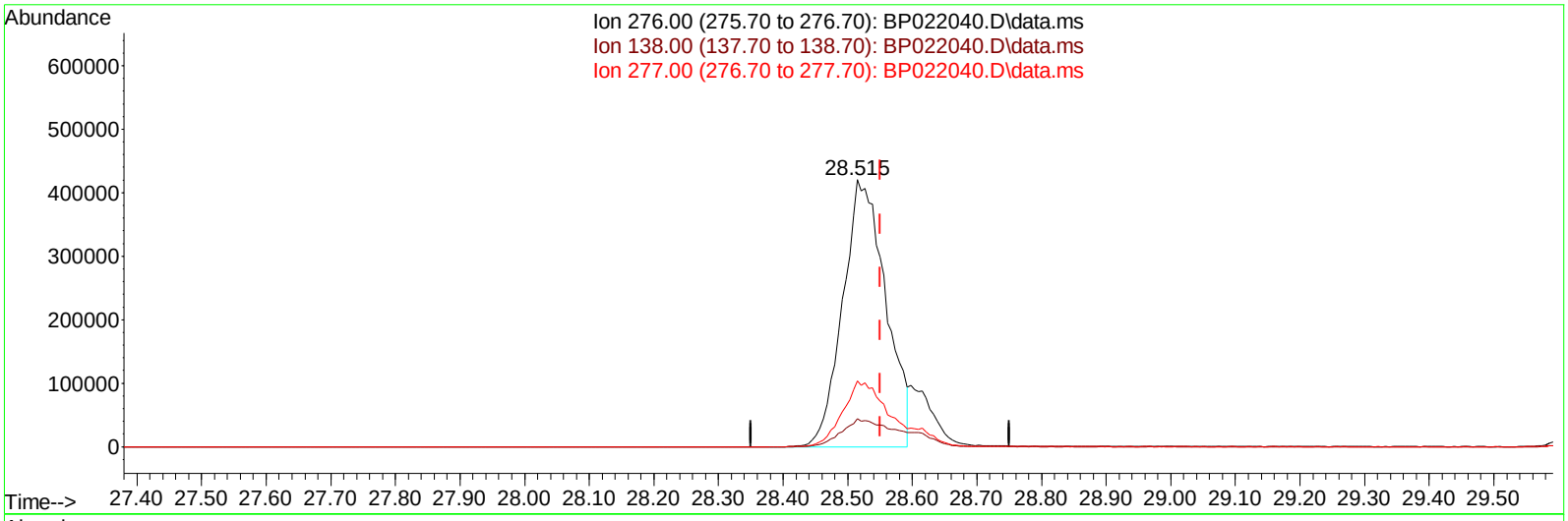
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022040.D
Acq On : 25 Sep 2024 22:53
Operator : RC/JU
Sample : PB163543BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

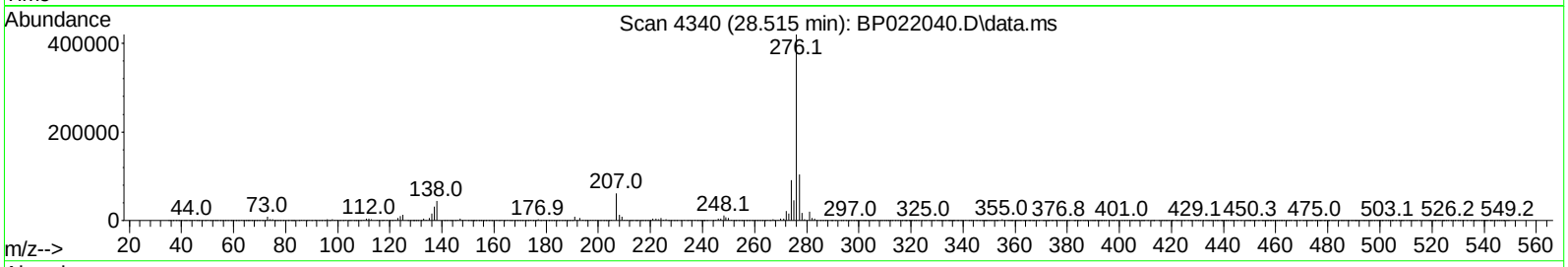
Quant Time: Sep 26 02:11:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:23:13 2024
Response via : Initial Calibration

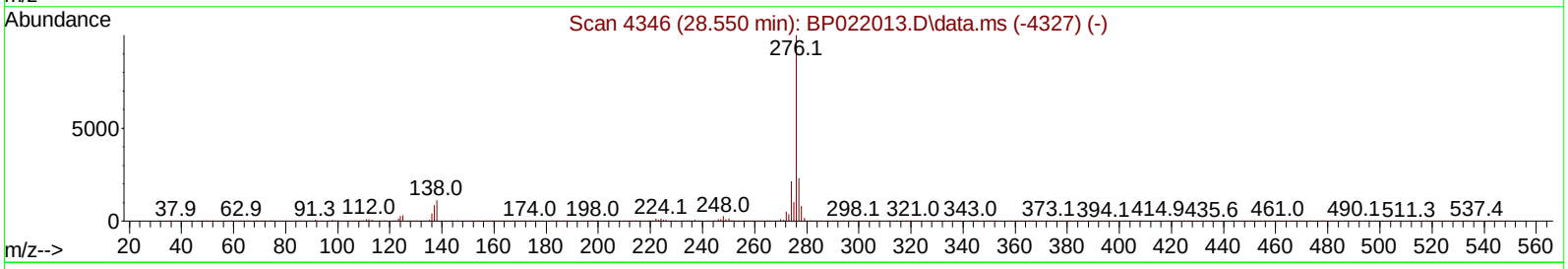
Instrument :
BNA_P
ClientSampleId :
SLCS543

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/28/2024







TIC: BP022040.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.515min (-0.035) 32.01 ng/ul

response 1944947

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.50	10.55
277.00	24.20	24.74
0.00	0.00	0.00

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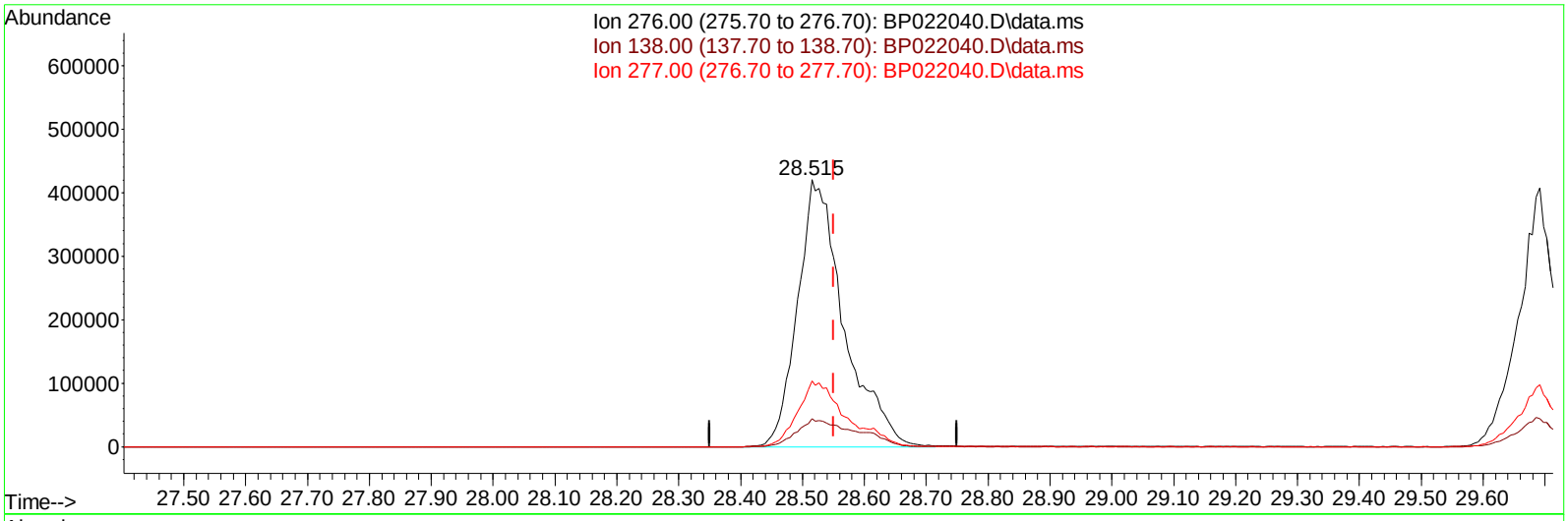

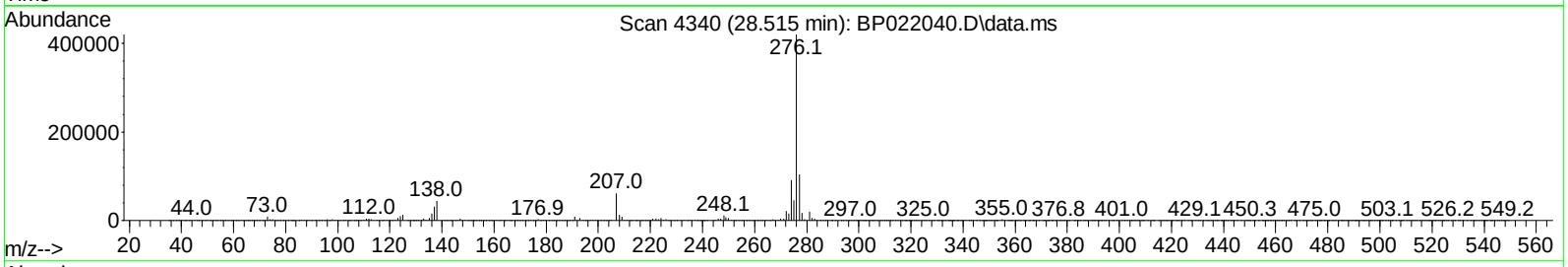

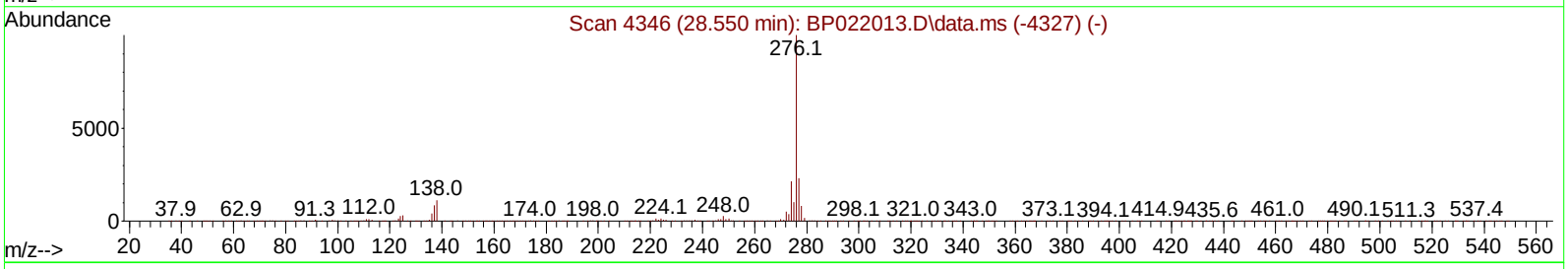

TIC: BP022040.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.515min (-0.035) 36.04 ng/ul m

response 2189966

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.50	10.55
277.00	24.20	24.74
0.00	0.00	0.00

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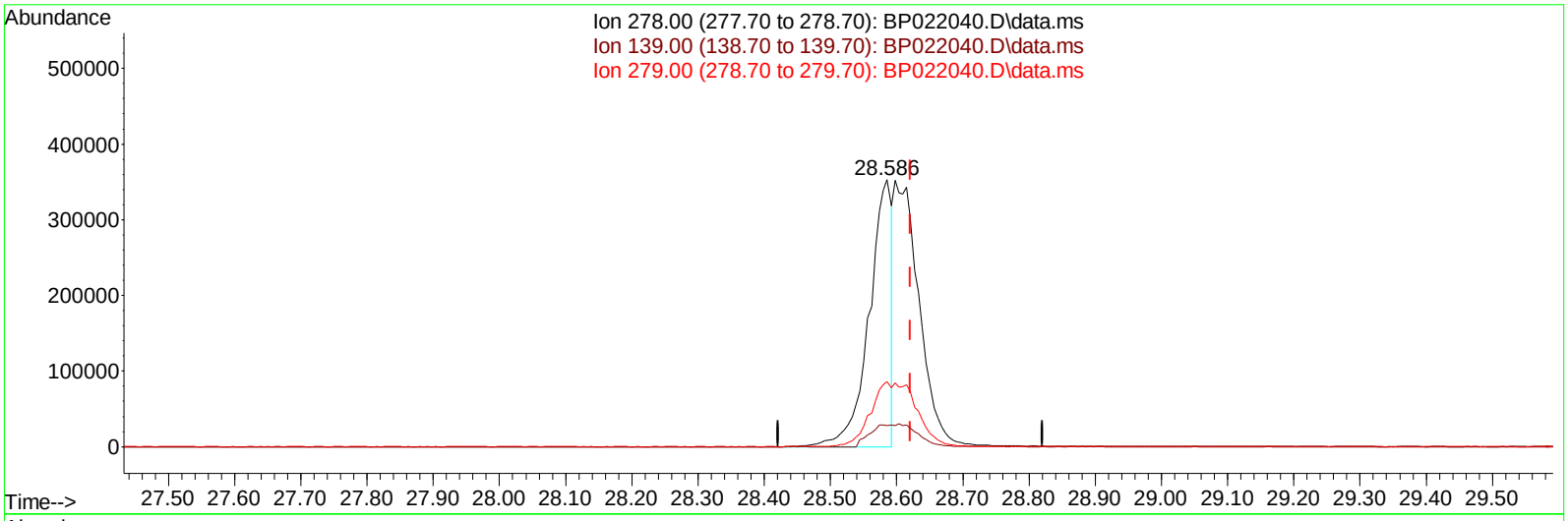

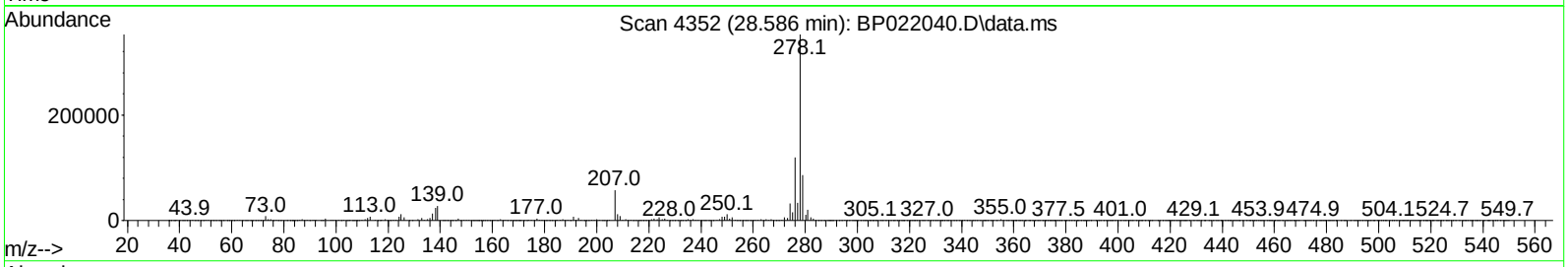

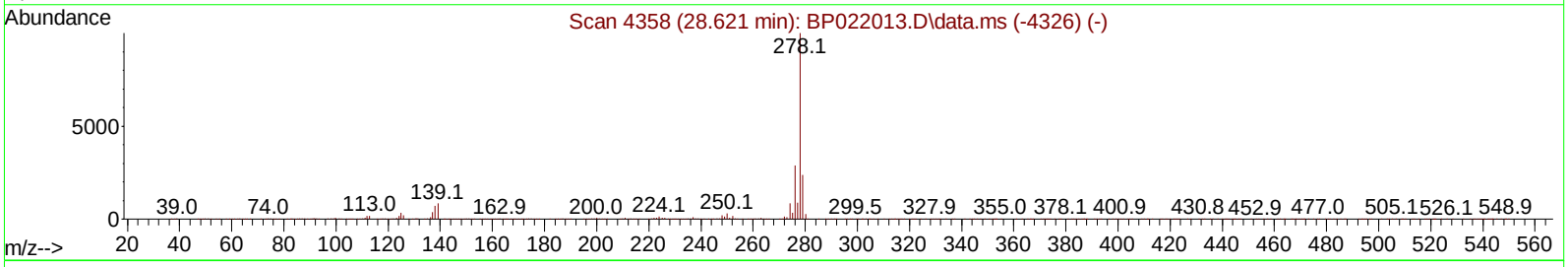

TIC: BP022040.D\data.ms

(95) Dibenzo(a,h)anthracene

28.586min (-0.035) 16.92 ng/ul

response 828125

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	10.00	7.96#
279.00	23.20	24.34
0.00	0.00	0.00

Quantitation Report (Qedit)

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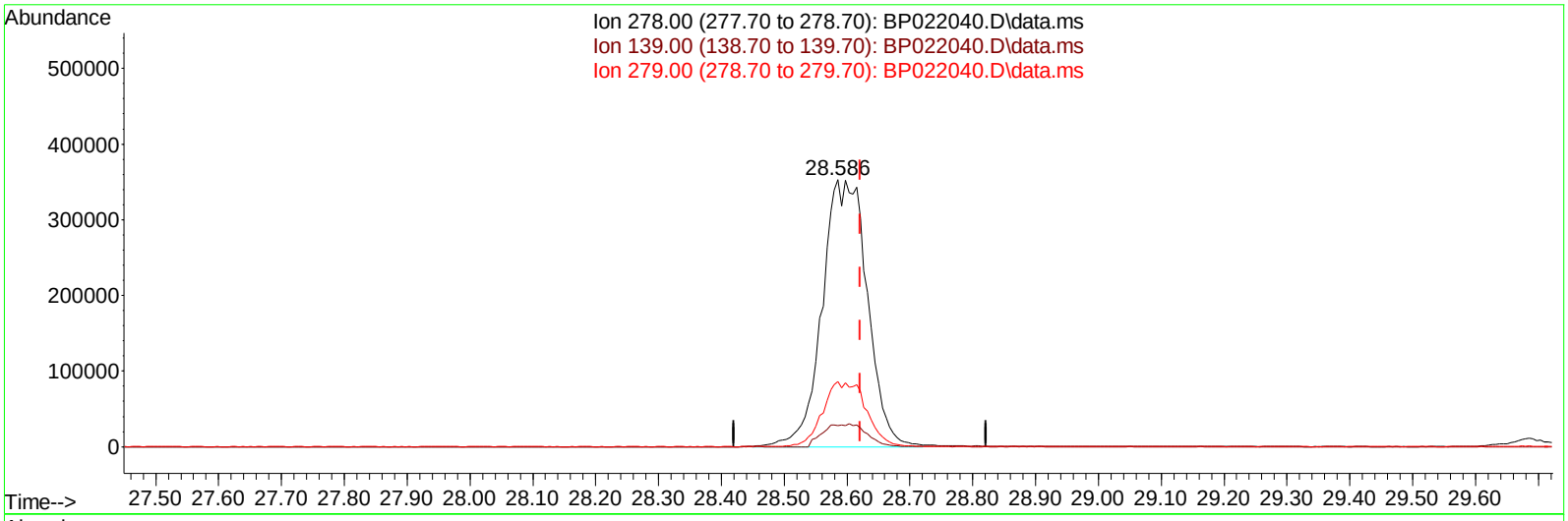

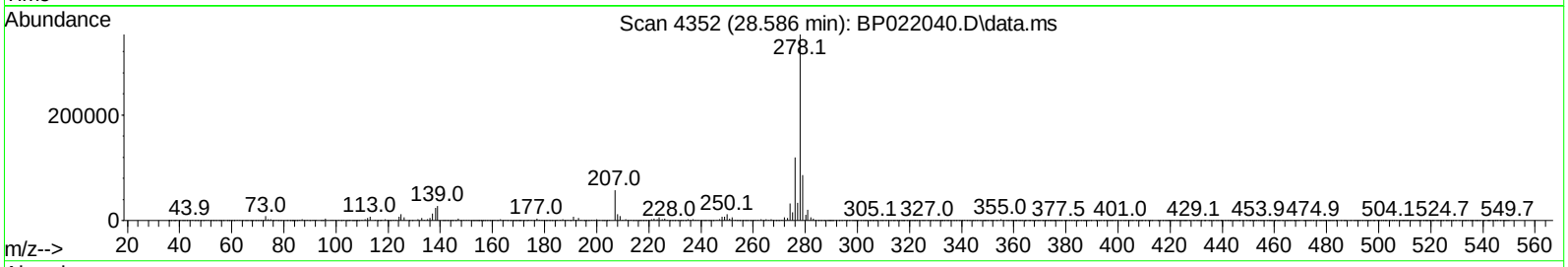

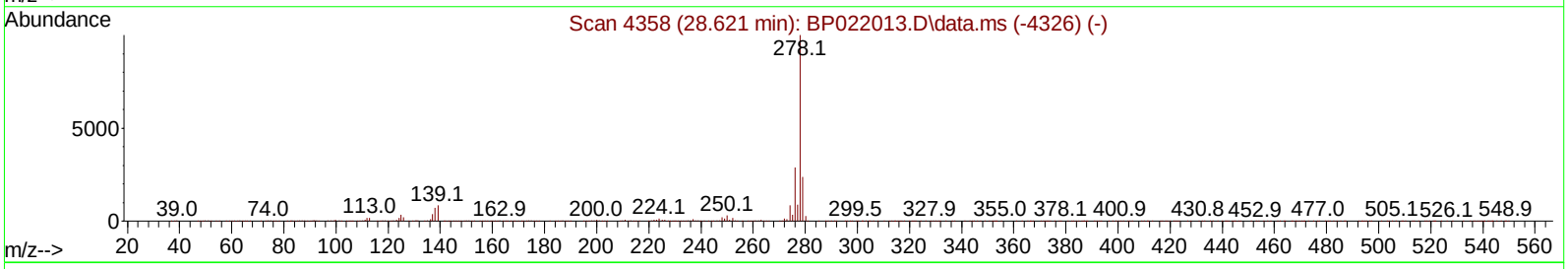

TIC: BP022040.D\data.ms

(95) Dibenzo(a,h)anthracene

28.586min (-0.035) 35.91 ng/ul m

response 1757856

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	10.00	7.96#
279.00	23.20	24.34
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	7.710	152	65526	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	266523	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.322	164	219867	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.122	188	578446	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	706638	20.000	ng/ul	0.00
88) Perylene-d12	24.821	264	814684	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	11937	7.136	ng/uL	0.00
4) Pyridine-d5	3.634	84	162837	34.054	ng/ul	0.00
7) Phenol-d5	6.893	99	191226	35.676	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	116162	35.195	ng/ul	0.00
11) 2-Chlorophenol-d4	7.252	132	144530	37.268	ng/ul	0.00
15) 4-Methylphenol-d8	8.410	113	154933	36.478	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	71861	36.024	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	85191	37.665	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	187436	38.159	ng/ul	0.00
31) 4-Chloroaniline-d4	10.598	131	202167	34.495	ng/ul	0.00
46) Dimethylphthalate-d6	13.728	166	634180	37.314	ng/ul	0.00
49) Acenaphthylene-d8	14.010	160	678432	37.702	ng/ul	0.00
54) 4-Nitrophenol-d4	14.534	143	104557	35.965	ng/ul	0.00
60) Fluorene-d10	15.328	176	567817	37.769	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	124819	34.756	ng/ul	0.01
73) Anthracene-d10	17.227	188	982937	36.400	ng/ul	0.01
81) Pyrene-d10	19.592	212	1328135	36.278	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.598	264	1632260	38.093	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	25369	13.999	ng/uL	99
5) Pyridine	3.652	79	162823	33.515	ng/ul	98
6) Benzaldehyde	6.863	77	125509	41.393	ng/ul	97
8) Phenol	6.916	94	199345	35.637	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.140	93	147151	34.370	ng/ul	99
12) 2-Chlorophenol	7.281	128	145966	36.307	ng/ul	99
13) 2-Methylphenol	8.146	108	141837	34.962	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.216	45	130189	32.780	ng/ul	94
16) Acetophenone	8.516	105	257751	36.483	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.504	70	138795	37.895	ng/ul	96
18) 4-Methylphenol	8.469	108	161064	36.407	ng/ul	100
19) Hexachloroethane	8.769	117	69233	36.480	ng/ul	89
22) Nitrobenzene	8.893	77	215615	35.353	ng/ul	99
23) Isophorone	9.410	82	375450	35.540	ng/ul	96
25) 2-Nitrophenol	9.593	139	89887	37.142	ng/ul	93
26) 2,4-Dimethylphenol	9.651	107	164153	29.942	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.887	93	215200	35.339	ng/ul	100
29) 2,4-Dichlorophenol	10.122	162	181620	37.217	ng/ul	100
30) Naphthalene	10.516	128	495511	35.334	ng/ul	99
32) 4-Chloroaniline	10.622	127	182302	31.407	ng/ul	99
33) Hexachlorobutadiene	10.804	225	157266	36.297	ng/ul	96
34) Caprolactam	11.404	113	58859	39.760	ng/ul	89
35) 4-Chloro-3-methylphenol	11.757	107	200059	37.893	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.128	142	378327	36.302	ng/ul	98
37) 1-Methylnaphthalene	12.345	142	383759	36.511	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.492	216	291145	35.716	ng/ul	97
40) Hexachlorocyclopentadiene	12.475	237	156452	30.512	ng/ul	98
41) 2,4,6-Trichlorophenol	12.740	196	180012	36.940	ng/ul	98
42) 2,4,5-Trichlorophenol	12.816	196	199839	37.869	ng/ul	98
43) 1,1'-Biphenyl	13.145	154	555700	35.344	ng/ul	99
44) 2-Chloronaphthalene	13.187	162	446778	35.293	ng/ul	99
45) 2-Nitroaniline	13.392	65	141606	38.685	ng/ul	96
47) Dimethylphthalate	13.781	163	614017	35.969	ng/ul	100
48) 2,6-Dinitrotoluene	13.892	165	124902	38.166	ng/ul	94
50) Acenaphthylene	14.039	152	677576	36.108	ng/ul	99
51) 3-Nitroaniline	14.228	138	108242	36.329	ng/ul	98
52) Acenaphthene	14.386	153	491977	36.083	ng/ul	97
53) 2,4-Dinitrophenol	14.439	184	71947	32.311	ng/ul	93
55) 4-Nitrophenol	14.545	109	132520	40.292	ng/ul	85
56) Dibenzofuran	14.722	168	740462	36.528	ng/ul	99
57) 2,4-Dinitrotoluene	14.686	165	194871	38.640	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.951	232	193581	38.109	ng/ul	93
59) Diethylphthalate	15.163	149	633354	37.489	ng/ul	98
61) Fluorene	15.386	166	616530	36.572	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.375	204	356064	36.687	ng/ul	99
63) 4-Nitroaniline	15.398	138	124025	40.900	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.475	198	133454	34.133	ng/ul	99
67) N-Nitrosodiphenylamine	15.592	169	546360	35.862	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	255454	36.775	ng/ul	100
69) Hexachlorobenzene	16.410	284	315966	37.461	ng/ul	97
70) Atrazine	16.575	200	224742	33.068	ng/ul	98
71) Pentachlorophenol	16.769	266	200240	35.582	ng/ul	98
72) Phenanthrene	17.175	178	1090645	35.961	ng/ul	99
74) Anthracene	17.257	178	1093610	35.433	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.110	216	284097	32.729	ng/uL	99
76) Pentachlorobenzene	14.639	250	326935	34.250	ng/uL	98
77) Carbazole	17.539	167	995770	36.607	ng/ul	99
78) Di-n-butylphthalate	18.127	149	1153472	36.780	ng/ul	99
80) Fluoranthene	19.245	202	1510589	36.101	ng/ul	98
82) Pyrene	19.621	202	1608020	35.702	ng/ul	98
83) Butylbenzylphthalate	20.569	149	557075	35.490	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.445	252	558118	34.496	ng/ul	99
85) Benzo(a)anthracene	21.521	228	1767135	36.287	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.463	149	835263	36.268	ng/ul	99
87) Chrysene	21.586	228	1661423	36.352	ng/ul	99
89) Di-n-octyl phthalate	22.710	149	1422449	35.344	ng/ul	100
90) Benzo(b)fluoranthene	23.774	252	1877554	37.125	ng/ul	100
91) Benzo(k)fluoranthene	23.851	252	1858579	36.873	ng/ul	99
93) Benzo(a)pyrene	24.668	252	1708459	36.662	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.515	276	2189966m	36.042	ng/ul	
95) Dibenzo(a,h)anthracene	28.586	278	1757856m	35.913	ng/ul	
96) Benzo(g,h,i)perylene	29.692	276	1704071	36.144	ng/ul	99

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

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