Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040624\
Data File : BN030687.D
Acq On : 06 Apr 2024 00:12
Operator : MA/JU
Sample : P1966-05MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 06 01:24:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Mar 31 12:24:07 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
E07S3MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

04/08/2024
Supervised By :mohammad ahmed
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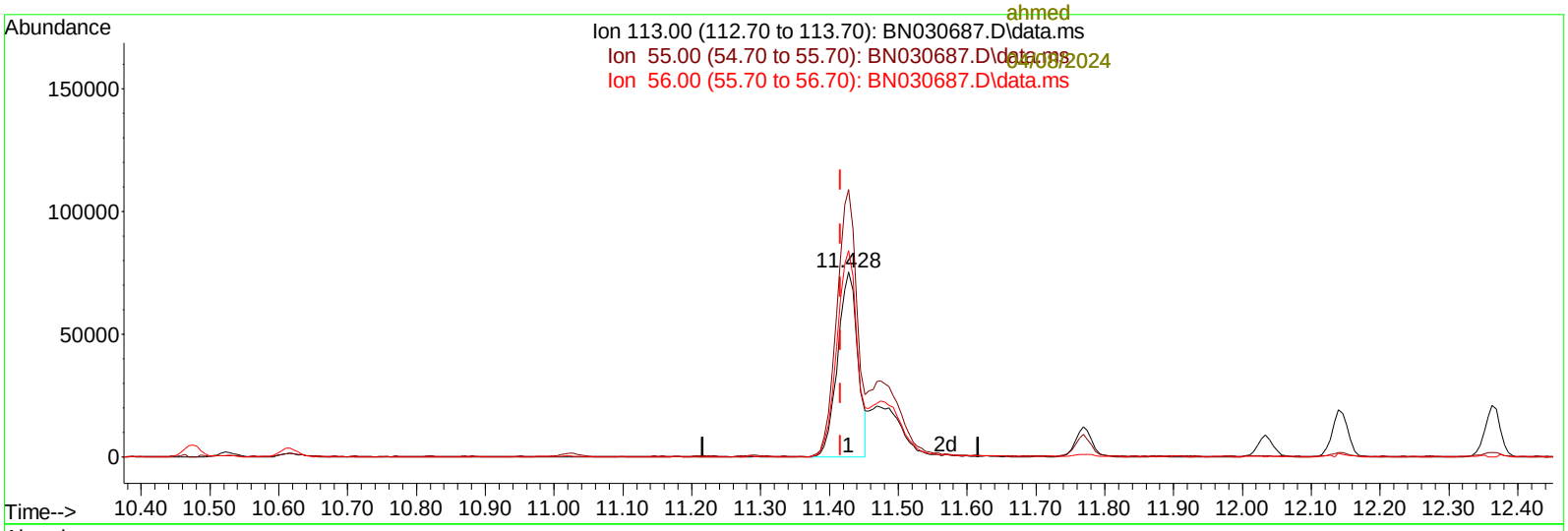

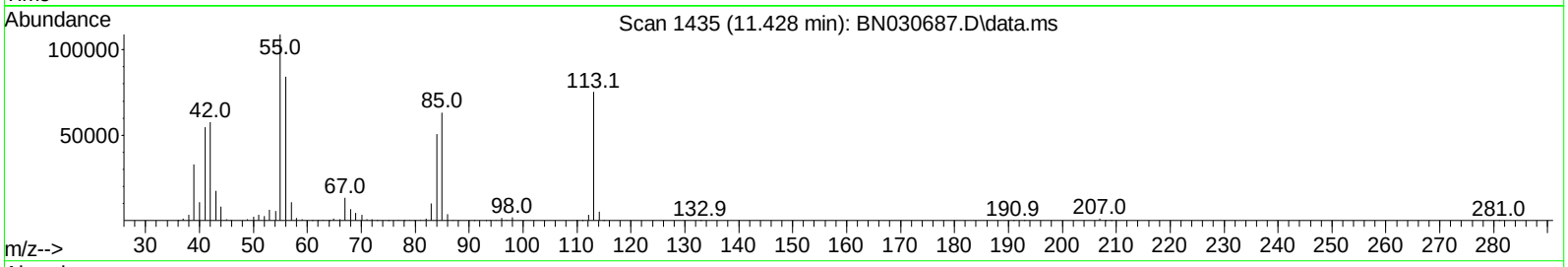

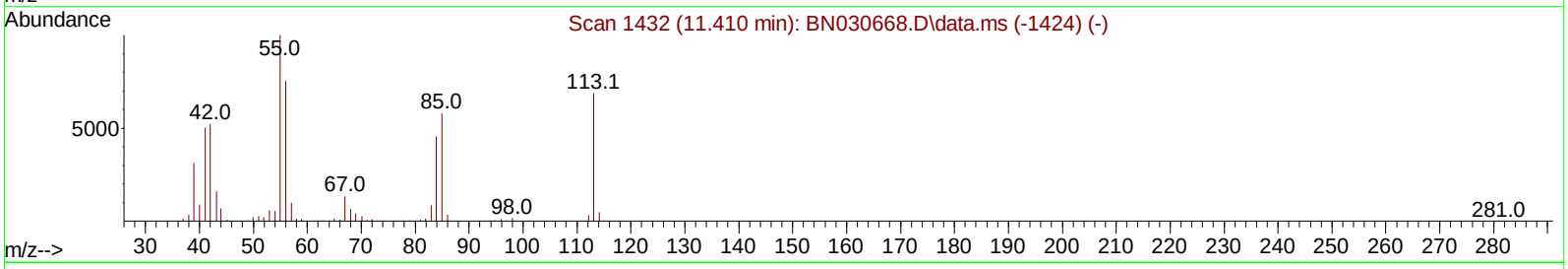

TIC: BN030687.D\data.ms

(34) Caprolactam

11.428min (+ 0.012) 36.74 ng/ul

response 151963

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	144.72
56.00	113.20	111.69
0.00	0.00	0.00

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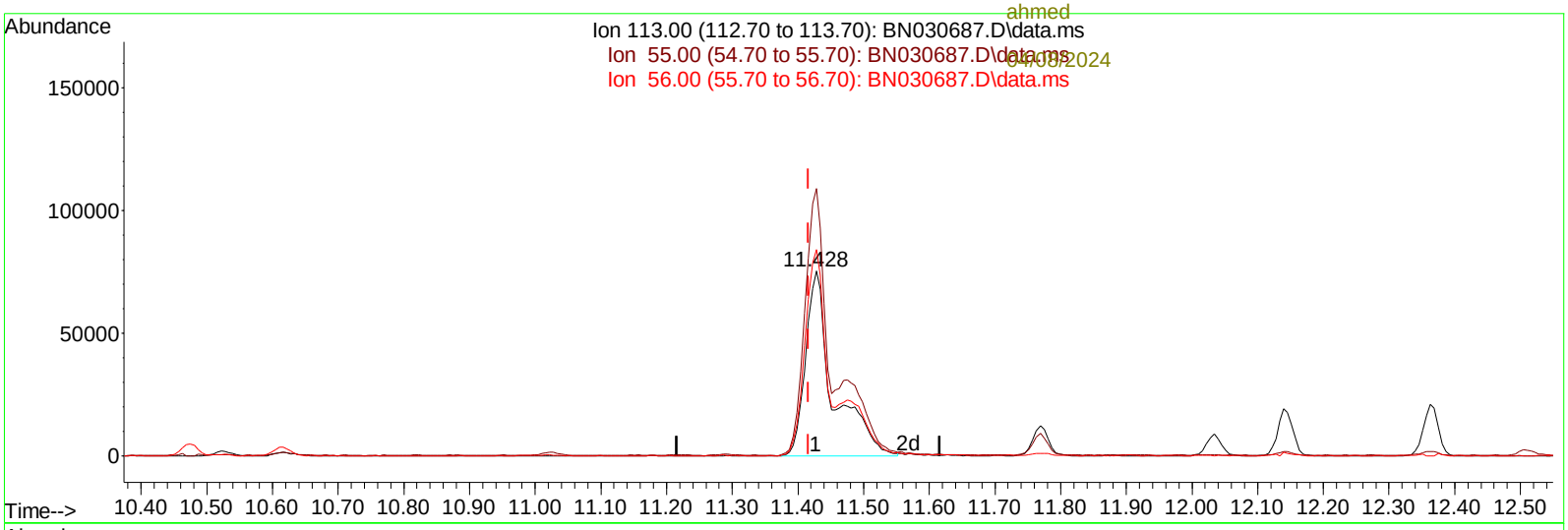

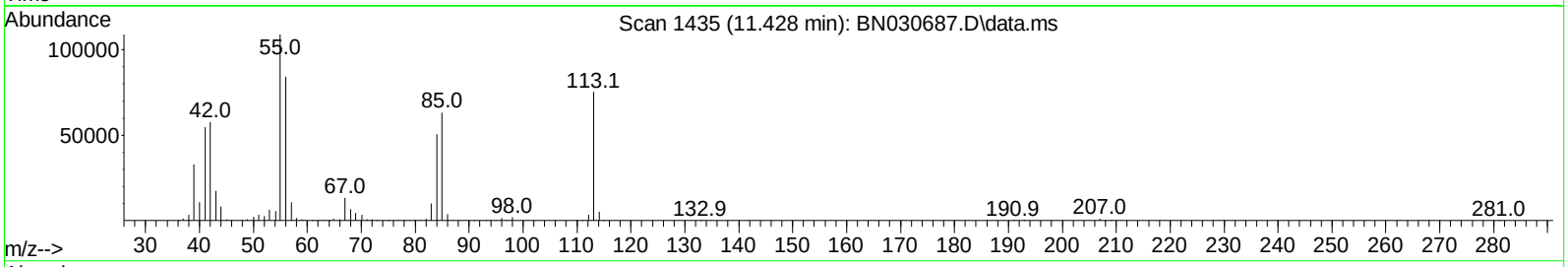

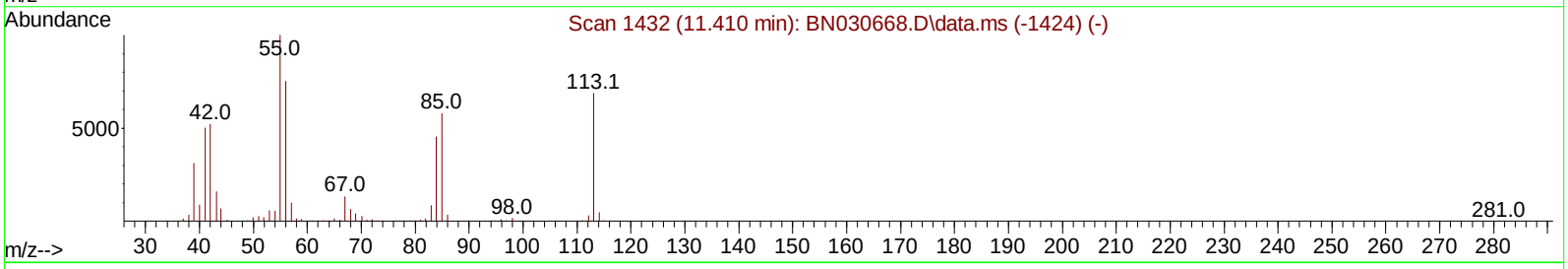

TIC: BN030687.D\data.ms

(34) Caprolactam

11.428min (+ 0.012) 52.96 ng/ul m

response 219072

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	144.72
56.00	113.20	111.69
0.00	0.00	0.00

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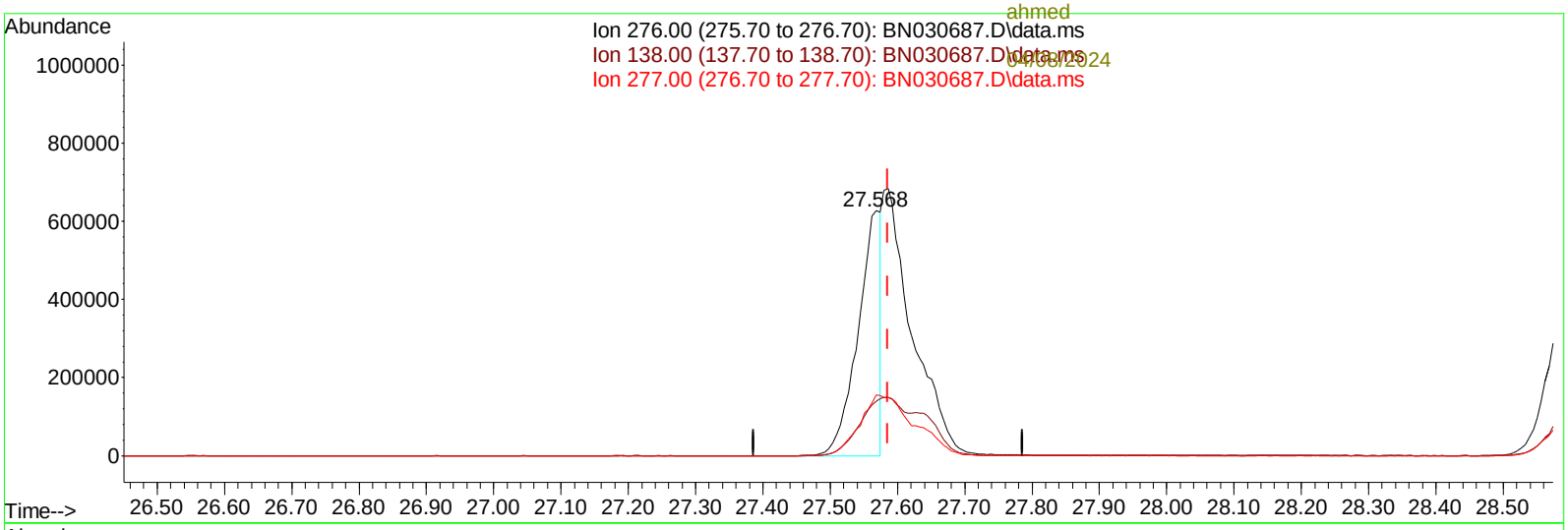

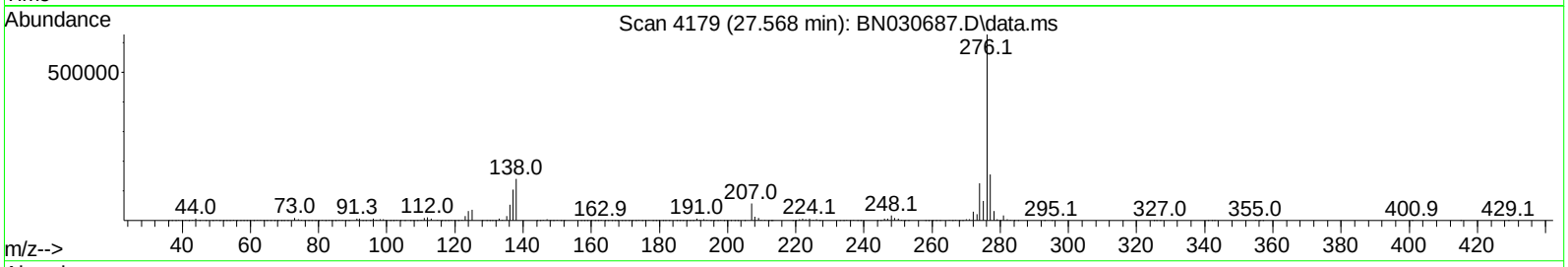

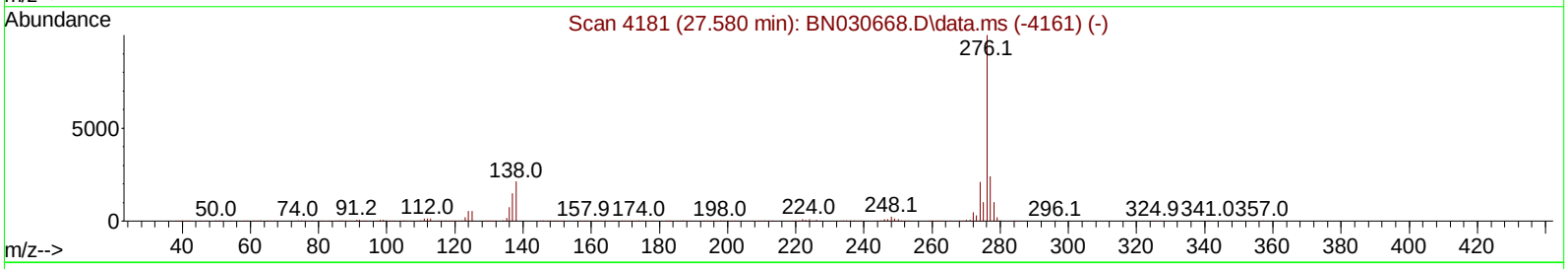

TIC: BN030687.D\data.ms

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

27.568min (-0.018) 19.68 ng/ul

response 1477849

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.30	22.37
277.00	23.00	24.75
0.00	0.00	0.00

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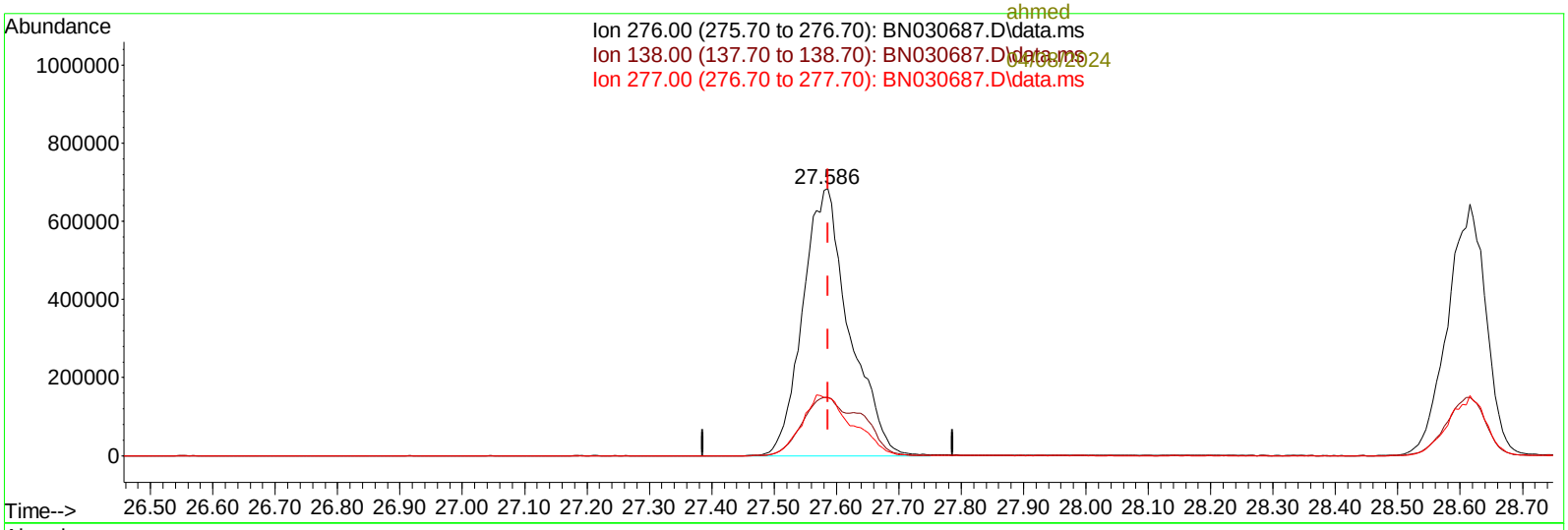

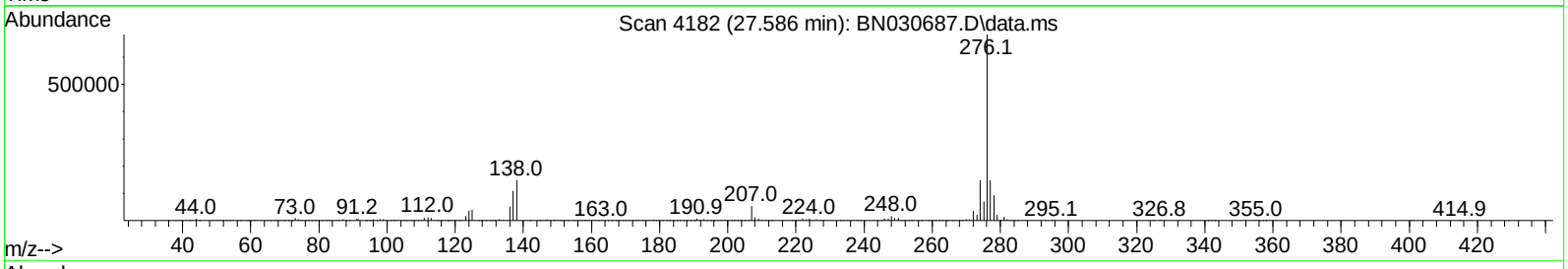

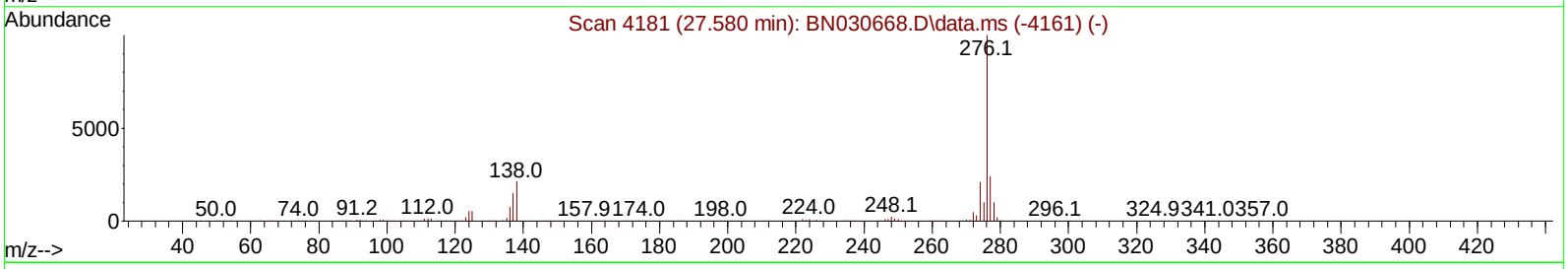

TIC: BN030687.D\data.ms

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

27.586min (-0.000) 47.28 ng/ul m

response 3549666

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.30	21.86
277.00	23.00	21.89
0.00	0.00	0.00

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04/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	163661	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.475	136	780844	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.334	164	568575	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.081	188	1244744	20.000	ng/ul	0.00
79) Chrysene-d12	21.321	240	1149691	20.000	ng/ul	0.00
88) Perylene-d12	24.268	264	1249340	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	24107	6.906	ng/uL	0.00
4) Pyridine-d5	3.599	84	297707	28.445	ng/ul	0.00
7) Phenol-d5	6.863	99	518921	39.195	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	299174	36.586	ng/ul	0.00
11) 2-Chlorophenol-d4	7.222	132	413409	41.162	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	444493	40.059	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	217982	40.243	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	238656	48.162	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	452712	41.732	ng/ul	0.00
31) 4-Chloroaniline-d4	10.616	131	604366	33.840	ng/ul	0.00
46) Dimethylphthalate-d6	13.751	166	1509489	39.764	ng/ul	0.00
49) Acenaphthylene-d8	14.028	160	1697068	38.882	ng/ul	0.00
54) 4-Nitrophenol-d4	14.545	143	277100	38.162	ng/ul	0.00
60) Fluorene-d10	15.334	176	1298526	39.090	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	222640	40.523	ng/ul	0.00
73) Anthracene-d10	17.180	188	2027782	37.810	ng/ul	0.00
81) Pyrene-d10	19.480	212	2434573	39.387	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.062	264	2334615	40.555	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	62789	16.792	ng/uL	94
5) Pyridine	3.617	79	436182	41.302	ng/ul	100
6) Benzaldehyde	6.840	77	334766	54.297	ng/ul	99
8) Phenol	6.887	94	653412	47.376	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.122	93	517259	45.991	ng/ul	99
12) 2-Chlorophenol	7.258	128	523798	48.617	ng/ul	96
13) 2-Methylphenol	8.134	108	511941	48.169	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.216	45	681747	43.048	ng/ul	99
16) Acetophenone	8.516	105	818637	46.728	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.504	70	417889	47.361	ng/ul	97
18) 4-Methylphenol	8.463	108	568621	47.792	ng/ul	100
19) Hexachloroethane	8.763	117	210734	46.653	ng/ul	96
22) Nitrobenzene	8.893	77	604967	45.752	ng/ul	97
23) Isophorone	9.416	82	1264726	47.960	ng/ul	98
25) 2-Nitrophenol	9.593	139	315407	54.159	ng/ul	97
26) 2,4-Dimethylphenol	9.657	107	580259	44.829	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.899	93	767422	45.772	ng/ul	99
29) 2,4-Dichlorophenol	10.122	162	537612	48.552	ng/ul	98
30) Naphthalene	10.528	128	1802681	45.013	ng/ul	99
32) 4-Chloroaniline	10.640	127	669771	38.913	ng/ul	95
33) Hexachlorobutadiene	10.804	225	320289	45.954	ng/ul	93
34) Caprolactam	11.428	113	219072m	52.959	ng/ul	
35) 4-Chloro-3-methylphenol	11.769	107	644107	51.646	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.140	142	1299111	46.450	ng/ul	97
37) 1-Methylnaphthalene	12.363	142	1298697	45.743	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.510	216	643882	43.881	ng/ul	98
40) Hexachlorocyclopentadiene	12.487	237	349189	41.905	ng/ul	96
41) 2,4,6-Trichlorophenol	12.757	196	466495	50.877	ng/ul	99
42) 2,4,5-Trichlorophenol	12.828	196	511980	49.442	ng/ul	99
43) 1,1'-Biphenyl	13.163	154	1715518	44.267	ng/ul	99
44) 2-Chloronaphthalene	13.204	162	1347074	44.156	ng/ul	99
45) 2-Nitroaniline	13.416	65	409453	50.433	ng/ul	99
47) Dimethylphthalate	13.798	163	1832427	46.729	ng/ul	100
48) 2,6-Dinitrotoluene	13.922	165	387177	53.253	ng/ul	98
50) Acenaphthylene	14.057	152	2278788	45.187	ng/ul	99
51) 3-Nitroaniline	14.251	138	393983	51.054	ng/ul	100
52) Acenaphthene	14.398	153	1504660	44.772	ng/ul	97
53) 2,4-Dinitrophenol	14.451	184	192767	57.726	ng/ul	96
55) 4-Nitrophenol	14.563	109	283778	49.328	ng/ul	94
56) Dibenzofuran	14.739	168	2068841	44.286	ng/ul	99
57) 2,4-Dinitrotoluene	14.710	165	557972	52.566	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.963	232	443316	51.548	ng/ul	98
59) Diethylphthalate	15.169	149	1897422	47.629	ng/ul	100
61) Fluorene	15.386	166	1665694	44.859	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.386	204	811482	44.544	ng/ul	99
63) 4-Nitroaniline	15.416	138	437350	58.295	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.469	198	315675	53.472	ng/ul	96
67) N-Nitrosodiphenylamine	15.604	169	1513746	44.655	ng/ul	98
68) 4-Bromophenyl-phenylether	16.281	248	547362	46.309	ng/ul	99
69) Hexachlorobenzene	16.381	284	629954	45.261	ng/ul	97
70) Atrazine	16.557	200	504429	42.932	ng/ul	97
71) Pentachlorophenol	16.733	266	391039	47.652	ng/ul	95
72) Phenanthrene	17.128	178	2850752	44.577	ng/ul	99
74) Anthracene	17.216	178	2847553	44.046	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.122	216	664918	43.481	ng/uL	97
76) Pentachlorobenzene	14.651	250	653878	42.097	ng/uL	88
77) Carbazole	17.492	167	2645837	46.667	ng/ul	99
78) Di-n-butylphthalate	18.063	149	3513388	50.797	ng/ul	99
80) Fluoranthene	19.145	202	3388388	46.114	ng/ul	98
82) Pyrene	19.516	202	3503181	45.143	ng/ul	97
83) Butylbenzylphthalate	20.422	149	1697886	57.293	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.233	252	969563	45.896	ng/ul	98
85) Benzo(a)anthracene	21.304	228	3464287	45.150	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.239	149	2353559	53.853	ng/ul	99
87) Chrysene	21.369	228	3326048	45.926	ng/ul	98
89) Di-n-octyl phthalate	22.357	149	4423750	55.914	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	3482638	47.366	ng/ul	98
91) Benzo(k)fluoranthene	23.398	252	3464859	46.402	ng/ul	98
93) Benzo(a)pyrene	24.133	252	3252955	46.835	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.586	276	3549666m	47.278	ng/ul	
95) Dibenzo(a,h)anthracene	27.639	278	2989619	47.300	ng/ul	97
96) Benzo(g,h,i)perylene	28.615	276	2760064	46.826	ng/ul	98

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

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